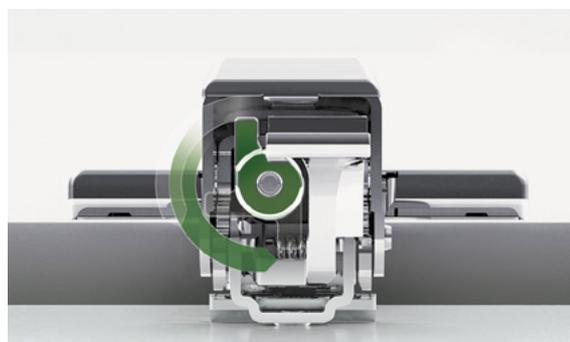




**G\*GRASS®**

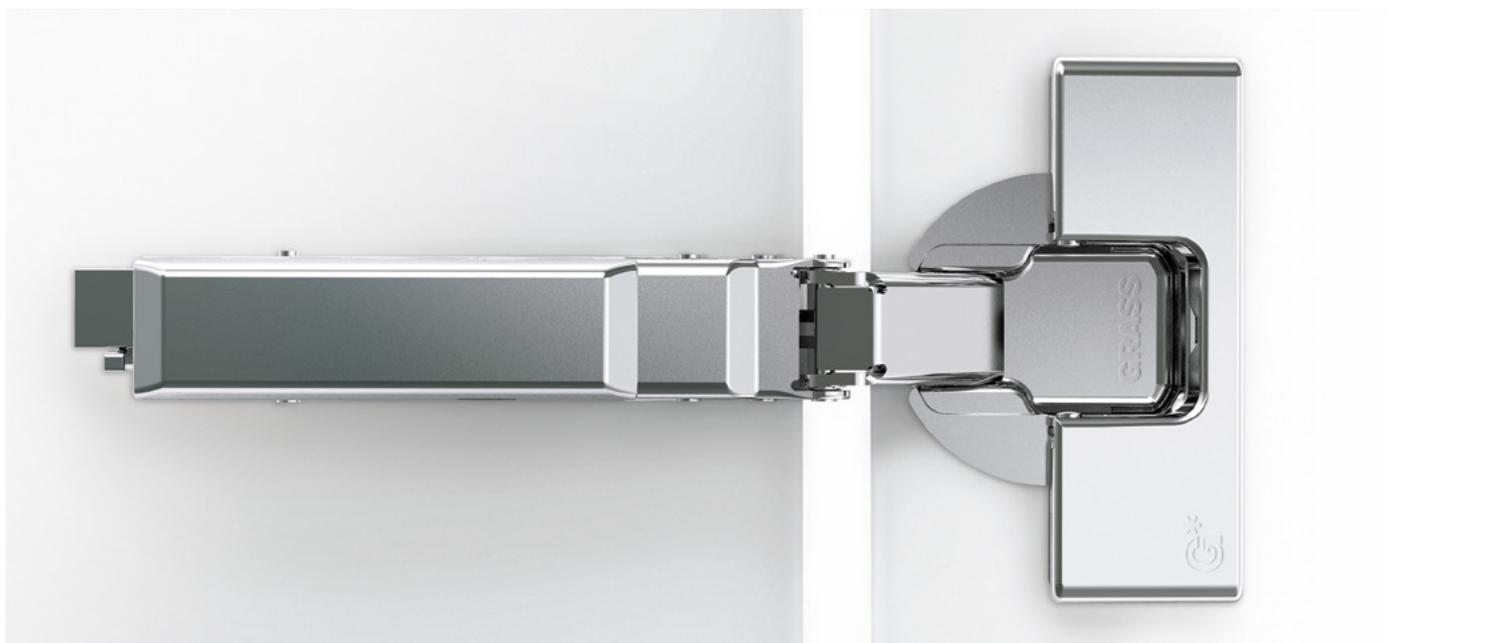
## HINGE SYSTEMS

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.

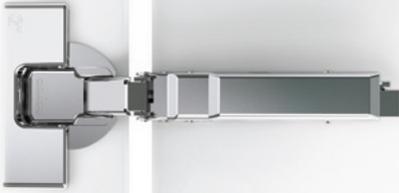
**Maximum stability, integrated damping, purist design. Tiomos M9 combines all the advantages of the Tiomos hinge series.**

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.

	<p><b>TIOMOS</b> <span style="float: right;"><b>11</b></span></p> <p>The new hinge generation for the door of the future. Extremely strong. Integrated damper. New kinematics.</p>	Tiomos
	<p><b>NEXIS</b> <span style="float: right;"><b>101</b></span></p> <p>The versatile hinge system. Finely tuned movement systems. Functional, with excellent operating comfort.</p>	Nexis
	<p><b>SPECIAL HINGES</b> <span style="float: right;"><b>285</b></span></p> <p>Hinges for special applications. Where individual solutions are needed.</p>	Special hinges
	<p><b>SINGLE-JOINT HINGES</b> <span style="float: right;"><b>303</b></span></p> <p>All-metal hinges for continuous or individual cabinet construction or concealed applications. Flexible. Functional.</p>	Single-joint hinges
	<p><b>CABINET MAKING ACCESSORIES</b> <span style="float: right;"><b>321</b></span></p> <p>Small components with a big effect. Shelf supports, connecting screws, door buffers, shelf brackets etc.</p>	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°	<b>Tiomos 110</b>		■	■	■	■	16
110°	<b>Tiomos Night 110</b>		-	■	■	■	18
120°	<b>Tiomos 120</b>		■	■	■	■	20
160°	<b>Tiomos 160</b>	Wide-angle hinge	■	■	■	-	22
160°	<b>Tiomos Night 160</b>	Wide-angle hinge	-	■	■	-	24
95°	<b>Tiomos 95</b>	Profiled door hinge	■	■	■	■	26
95°	<b>Tiomos Night 95</b>	Profiled door hinge	-	■	■	■	28
110°	<b>Tiomos 110 AL</b>	Aluminium frame hinge	■	■	■	■	30
110°	<b>Tiomos Night 110 AL</b>	Aluminium frame hinge	■	■	■	■	32
110°	<b>Tiomos 110/90A</b>	Blind corner hinge	-	■	-	-	34
110°	<b>Tiomos 110/90E</b>	Blind corner hinge	-	-	-	■	36
110°	<b>Tiomos 110/30A</b>	+30° angle corner cabinet hinge	-	■	-	-	38
110°	<b>Tiomos 110/30E</b>	+30° angle corner cabinet hinge	-	-	-	■	40
110°	<b>Tiomos 110/37A</b>	+37° angle corner cabinet hinge	-	■	-	-	42
110°	<b>Tiomos 110/37E</b>	+37° angle corner cabinet hinge	-	-	-	■	44
110°	<b>Tiomos 110/45A</b>	+45° angle corner cabinet hinge	-	■	-	-	46
110°	<b>Tiomos 110/45E</b>	+45° angle corner cabinet hinge	-	-	-	■	48
120°	<b>Tiomos 120/-15A</b>	-15° angle corner cabinet hinge	-	■	-	-	50
120°	<b>Tiomos 120/-30A</b>	-30° angle corner cabinet hinge	-	■	-	-	52
120°	<b>Tiomos 120/-45A</b>	-45° angle corner cabinet hinge	-	■	-	-	54
100°	<b>Tiomos 100</b>	Refrigerator hinge	-	■	-	-	56
-	<b>Tiomos PCC</b>	Pie-cut corner hinge	-	-	-	■	58
95°	<b>Tiomos 95 Mini</b>	Mini-hinge	-	■	-	-	60
95°	<b>Tiomos 95 GL</b>	Glass door hinge	-	■	-	-	62
125°	<b>Tiomos Mirro</b>	Mirror hinge	■	-	■	■	64
125°	<b>Tiomos Night Mirro</b>	Mirror hinge	■	-	■	■	66
125°	<b>Tiomos Mirro</b>	Mirror/transparent glass hinge	■	-	■	■	68
125°	<b>Tiomos Night Mirro</b>	Mirror/transparent glass hinge	■	-	■	■	70
110°	<b>Tiomos M9</b>	Mitred/rebated door hinge	■	-	■	■	74
125°	<b>Tiomos M0</b>	Slim door hinge	■	-	■	■	78

<b>Tiomos mounting plates</b>	80
<b>Accessories</b>	90

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



## Tiomos Night – colour-coordinated furniture and movement systems.

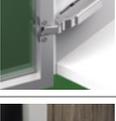
**Dark, high-quality surfaces are currently trending in furniture making.**

With the new night colour option, Tiomos hinges perfectly suit the aesthetics of modern furniture. Best of all, a number of Tiomos hinges are available in the night colour – including Tiomos Mirro, Tiomos Hidden, the standard or wide-angle hinges or the new flap hinge.



# 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					16
110°		<b>Tiomos Night 110</b> • Optimum reveals up to 24 mm door thickness • Convenient depth adjustment via worm gear	-				18
120°		<b>Tiomos 120</b> • Optimum reveals up to 22 mm door thickness • Convenient depth adjustment via worm gear					20
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
160°		<b>Tiomos Night 160</b> • Optimum reveals up to 32 mm door thickness • Shallow cup depth • For cabinets with inset drawers or pull-out shelves	-			-	24
95°		<b>Tiomos 95</b> • Optimum reveals up to 28 mm door thickness • Convenient depth adjustment via worm gear					26
95°		<b>Tiomos Night 95</b> • Optimum reveals up to 28 mm door thickness • Convenient depth adjustment via worm gear	-				28
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 Night 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					32
110°		<b>Tiomos 110/90A</b> • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-		-	-	34
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	-		-	-	38

Tiomos

Nexis

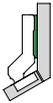
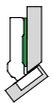
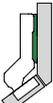
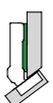
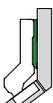
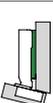
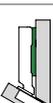
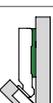
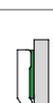
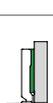
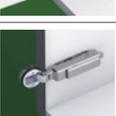
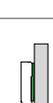
Special hinges

Single-joint hinges

Cabinet making accessories

# 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 110/30E</b> • For 30° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		40
110°		<b>Tiomos 110/37A</b> • For 37° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	42
110°		<b>Tiomos 110/37E</b> • For 37° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		44
110°		<b>Tiomos 110/45A</b> • For 45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	46
110°		<b>Tiomos 110/45E</b> • For 45° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		48
120°		<b>Tiomos 120/-15A</b> • For -15° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	50
120°		<b>Tiomos 120/-30A</b> • For -30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	52
120°		<b>Tiomos 120/-45A</b> • For -45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	54
100°		<b>Tiomos 100</b> • For refrigerator doors (sliding system) • Convenient depth adjustment via worm gear	-		-	-	56
-		<b>Tiomos PCC</b> • For connecting two corner cabinet doors • Convenient depth adjustment via worm gear	-		-	-	58
95°		<b>Tiomos 95 Mini</b> • For small doors and doors with narrow frames • Convenient depth adjustment via worm gear	-		-	-	60
95°		<b>Tiomos 95 GL</b> • Glass door hinge, 26 mm cup • Convenient depth adjustment via worm gear	-		-	-	62

Opening angle		Product description	Full overlay	Overlay	Half overlay	Inset	Page
125°		<b>Tiomos Mirro</b> <ul style="list-style-type: none"> <li>• Glass and mirror door hinge, self-adhesive</li> <li>• Convenient depth adjustment via worm gear</li> </ul>		-			64
125°		<b>Tiomos Night Mirro</b> <ul style="list-style-type: none"> <li>• Glass and mirror door hinge, self-adhesive</li> <li>• Convenient depth adjustment via worm gear</li> </ul>		-			66
110°		<b>Tiomos M9</b> <ul style="list-style-type: none"> <li>• For four-sided mitred application, slim and rebated doors</li> <li>• Convenient depth adjustment via worm gear</li> </ul>		-			74
125°		<b>Tiomos M0</b> <ul style="list-style-type: none"> <li>• Simple screw mounting without cup hole</li> <li>• For door thicknesses of 6 - 10 mm</li> </ul>		-			78

	<b>Tiomos mounting plates</b>	80
	<b>Accessories</b>	90
	<b>Technical information</b>	94
	<b>Tipmatic</b>	278
	<b>Installation technology</b>	328
	<b>Assembly aids</b>	332

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			without spring	Art.-no.			
		with	without	without		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	Art.-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	Art.-no.
85° opening angle reduction clip	<b>F072135751</b>
Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

Designation	Art.-no.
Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80	Tipmatic	278	Assembly aids	332
Accessories	90	Technical information	94		



# TIOMOS NIGHT 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
- Especially for dark cabinet materials and wood types

### 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			Art.-no.			
		with	without	without spring	Click-on			Impresso without tools
					For screw fixing	For press fitting	Quick <sup>3</sup>	
Overlay <sup>1</sup>	3	■	-	-	<b>F028139129</b>	<b>F028140960</b>	<b>F022140392</b>	<b>F017140378</b>
		-	■	-	<b>F045140958</b>	<b>F045140959</b>	<b>F039149583</b>	<b>F034139582</b>
		-	■	■	<b>F046149603</b>	<b>F046149629</b>	<b>F040149630</b>	<b>F035139591</b>
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028139130</b>	<b>F028140954</b>	<b>F022140393</b>	<b>F017140946</b>
		-	■	-	<b>F045140952</b>	<b>F045140953</b>	<b>F039149584</b>	<b>F034139583</b>
		-	■	■	<b>F046149604</b>	<b>F046149630</b>	<b>F040149632</b>	<b>F035139592</b>
Inset <sup>2</sup>	19	■	-	-	<b>F028139131</b>	<b>F028140957</b>	<b>F022140394</b>	<b>F017140379</b>
		-	■	-	<b>F045140955</b>	<b>F045140956</b>	<b>F039149585</b>	<b>F034139584</b>
		-	■	■	<b>F046149605</b>	<b>F046149631</b>	<b>F040149634</b>	<b>F035139593</b>

<sup>1</sup> Cup material: steel, night / Arm material: steel, night

<sup>2</sup> Cup material: steel, night / Arm material: Zamak, night

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

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, night, not imprinted	3/9.5/19	On request	<b>F072140519</b>
	Hinge cup cover cap, steel, night, not imprinted	3/9.5/19	-	<b>F072140520</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	85° opening angle reduction clip	<b>F072135751</b>		Countersunk wood screw, night Ø 3.5 x 15 mm	<b>F072135961</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>		Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----



# 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	Art.-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	Art.-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	Art.-no.
	85° opening angle reduction clip	<b>F072135751</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80	Tipmatic	278	Assembly aids	332
Accessories	90	Technical information	94		



# 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	Art.-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>

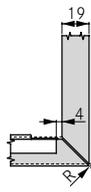
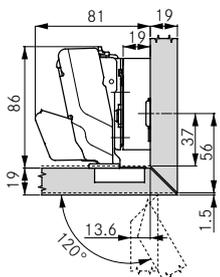
<sup>1</sup> Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

## ACCESSORIES

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

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072135807</b>

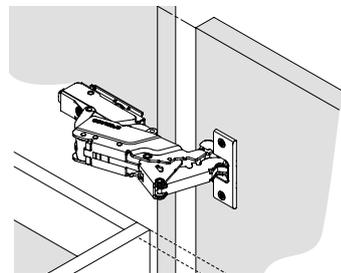
## MITRED APPLICATION (ON ALL SIDES)



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	80	Tipmatic	278	Assembly aids	332
Accessories	90	Technical information	94		



# TIOMOS NIGHT 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
- Especially for dark cabinet materials and wood types

### 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	Art.-no.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay <sup>1</sup>	3	■	-	-	<b>F028140944</b>	<b>F028140945</b>	<b>F017139351</b>
		-	■	-	<b>F045149530</b>	<b>F045149532</b>	<b>F034139322</b>
		-	■	■	<b>F046149607</b>	<b>F046149659</b>	<b>F035139379</b>
Half overlay <sup>1</sup>	9.5	■	-	-	<b>F028140942</b>	<b>F028140943</b>	<b>F017139352</b>
		-	■	-	<b>F045149531</b>	<b>F045149533</b>	<b>F034139323</b>
		-	■	■	<b>F046149608</b>	<b>F046149660</b>	<b>F035139380</b>

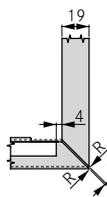
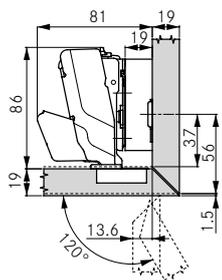
<sup>1</sup> Cup material: Zamak, night / Arm material: Zamak, night

## ACCESSORIES

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

	Designation	Art.-no.
	Countersunk wood screw, night Ø 3.5 x 15 mm	<b>F072135961</b>
	Unclipping protector	<b>F072135807</b>

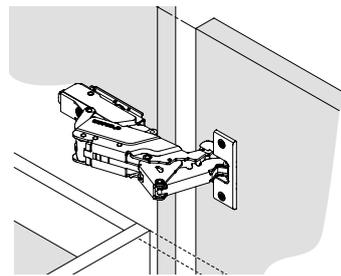
## MITRED APPLICATION (ON ALL SIDES)



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	80	Tipmatic	278	Assembly aids	332
Accessories	90	Technical information	94		

INSTALLATION INFORMATION

All dimensions in millimetres

Overlay	K3	Half overlay	K9.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="10">Cup distance</th> </tr> <tr> <th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th colspan="2"></th> </tr> </thead> <tbody> <tr><td>24.0</td><td></td><td></td><td></td><td></td><td></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></td><td></td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>22.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td><td></td></tr> <tr><td>21.0</td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td><td></td><td></td></tr> <tr><td>20.0</td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td><td></td><td>2</td><td></td></tr> <tr><td>19.0</td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>18.0</td><td></td><td>-2</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td><td></td><td></td></tr> <tr><td>17.0</td><td>-2</td><td></td><td>0</td><td></td><td>2</td><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>16.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>16.0</td><td>0</td><td></td><td>2</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>15.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>15.0</td><td>0</td><td></td><td>2</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>14.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>14.0</td><td>2</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>13.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>13.0</td><td>2</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>12.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>12.0</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11.5</td><td>3.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Door overlay	Cup distance										3	4	5	6	7	8	9	10			24.0										-2	23.0										-2	22.0							-2		0		21.0						-2		0			20.0					-2		0		2		19.0				-2		0		2	3		18.0		-2		0		2	3				17.0	-2		0		2	3					16.5							3.5				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										<table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="10">Cup distance</th> </tr> <tr> <th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th colspan="2"></th> </tr> </thead> <tbody> <tr><td>17.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>16.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td></tr> <tr><td>15.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>14.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>13.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>12.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>11.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>10.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-2</td><td></td><td>0</td></tr> <tr><td>10.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>9.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>9.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>8.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>8.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>7.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>7.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>6.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>6.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>5.5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>5.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3.5</td></tr> </tbody> </table>		Door overlay	Cup distance										3	4	5	6	7	8	9	10			17.5										-2	16.5										-2	15.5								-2		0	14.5								-2		0	13.5								-2		0	12.5								-2		0	11.5								-2		0	10.5								-2		0	10.0										3.5	9.5										3.5	9.0										3.5	8.5										3.5	8.0										3.5	7.5										3.5	7.0										3.5	6.5										3.5	6.0										3.5	5.5										3.5	5.0										3.5
Door overlay	Cup distance																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	3	4	5	6	7	8	9	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
24.0										-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
23.0										-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
22.0							-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
21.0						-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
20.0					-2		0		2																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
19.0				-2		0		2	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
18.0		-2		0		2	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
17.0	-2		0		2	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
16.5							3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Door overlay	Cup distance																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	3	4	5	6	7	8	9	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
17.5										-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
16.5										-2																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
15.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
14.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
13.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
12.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
11.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
10.5								-2		0																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
10.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
9.5										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
9.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
8.5										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
8.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
7.5										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
7.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6.5										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
5.5										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
5.0										3.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

MINIMUM GAP

Door thickness	Cup distance									
	3	4	5	6	7	8	9	10		
32.0	1.0	1.0								
31.0	1.0	1.0	1.0							
30.0	1.0	1.0	1.0	1.0						
29.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
28.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
26.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
24.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
22.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
21.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

MINIMUM REVEAL

Door thickness	Cup distance									
	3	4	5	6	7	8	9	10		
32.0	0.2	0.2								
31.0	0.2	0.2	0.2	0.2						
30.0	0.2	0.2	0.2	0.2	0.2					
29.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
28.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
25.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

■ only possible with 120° angle red. clip

NOTES

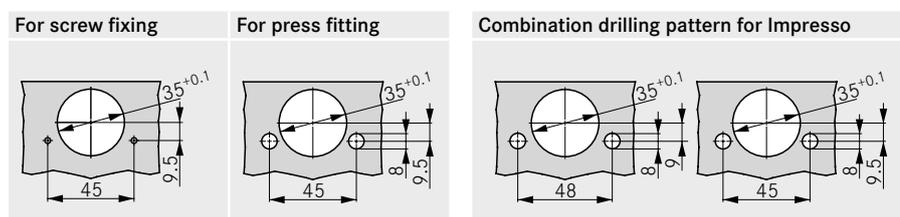
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

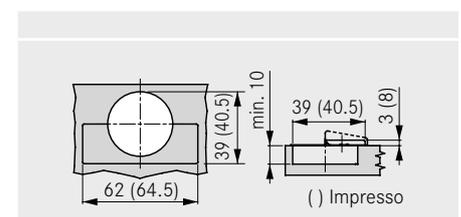
No reveal is required for door thicknesses up to 28 mm.

From 29 mm door thickness, we recommend a trial fitting.

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----



# TIOMOS NIGHT 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
- Especially for dark cabinet materials and wood types

#### 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			Art.-no. <sup>3</sup>		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	
Overlay <sup>1</sup>	3	■	-	-	<b>F028 139 138</b>	<b>F028 140 422</b>	
		-	■	-	<b>F045 149 534</b>	<b>F045 149 537</b>	
		-	■	■	<b>F046 149 609</b>	<b>F046 149 644</b>	
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028 140 936</b>	<b>F028 140 423</b>	
		-	■	-	<b>F045 149 535</b>	<b>F045 149 538</b>	
		-	■	■	<b>F046 149 610</b>	<b>F046 149 645</b>	
Inset <sup>2</sup>	19	■	-	-	<b>F028 140 939</b>	<b>F028 140 424</b>	
		-	■	-	<b>F045 149 536</b>	<b>F045 149 539</b>	
		-	■	■	<b>F046 149 611</b>	<b>F046 149 646</b>	

<sup>1</sup> Cup material: steel, night / Arm material: steel, night

<sup>2</sup> Cup material: steel, night / Arm material: Zamak, night

<sup>3</sup> Available on request

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, night, not imprinted	3/9.5/19	On request	<b>F072 140 519</b>
	Hinge cup cover cap, steel, night, not imprinted	3/9.5/19	-	<b>F072 140 520</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135 396</b>		Unclipping protector	<b>F072 135 807</b>
	Countersunk wood screw, night Ø 3.5 x 15 mm	<b>F072 135 961</b>			

Tiomos mounting plates	80
Accessories	90

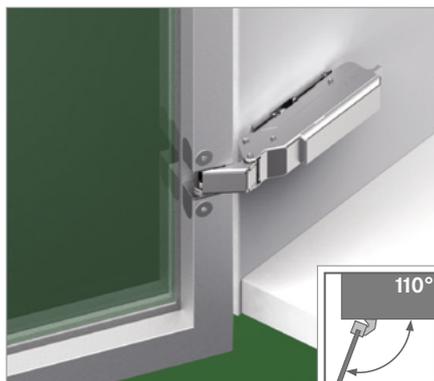
Tipmatic	278
Technical information	94

Assembly aids	332



# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072 135 807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

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 colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>0</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>19.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>17.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>16.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>15.0</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						0						Door overlay	19.0	0					17.0	2					16.0	3					15.0	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>3</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>16.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>14.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>13.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>12.5</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						3						Door overlay	16.0	0					14.0	2					13.0	3					12.5	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>9.5</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>9.5</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>7.5</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>6.5</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>6.0</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						9.5						Door overlay	9.5	0					7.5	2					6.5	3					6.0	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>19</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door reveal</td> <td>0.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3.5</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						19						Door reveal	0.0	0					2.0	2					3.0	3					3.5	3.5			
Cup distance																																																																																																																																																							
0																																																																																																																																																							
Door overlay	19.0	0																																																																																																																																																					
	17.0	2																																																																																																																																																					
	16.0	3																																																																																																																																																					
	15.0	3.5																																																																																																																																																					
Cup distance																																																																																																																																																							
3																																																																																																																																																							
Door overlay	16.0	0																																																																																																																																																					
	14.0	2																																																																																																																																																					
	13.0	3																																																																																																																																																					
	12.5	3.5																																																																																																																																																					
Cup distance																																																																																																																																																							
9.5																																																																																																																																																							
Door overlay	9.5	0																																																																																																																																																					
	7.5	2																																																																																																																																																					
	6.5	3																																																																																																																																																					
	6.0	3.5																																																																																																																																																					
Cup distance																																																																																																																																																							
19																																																																																																																																																							
Door reveal	0.0	0																																																																																																																																																					
	2.0	2																																																																																																																																																					
	3.0	3																																																																																																																																																					
	3.5	3.5																																																																																																																																																					

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 NIGHT 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
- Especially for dark cabinet materials and wood types

### 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	Art.-no.	
		with	without					
Full overlay <sup>1</sup>	0	■	-	-	<b>F028 149495</b>			
		-	■	-	-			
		-	■	■	-			
Overlay <sup>1</sup>	3	■	-	-	<b>F028 140404</b>			
		-	■	-	<b>F045 149510</b>			
		-	■	■	<b>F046 149594</b>			
Half overlay <sup>2</sup>	9.5	■	-	-	<b>F028 140405</b>			
		-	■	-	<b>F045 149511</b>			
		-	■	■	<b>F046 149595</b>			
Inset <sup>2</sup>	19	■	-	-	<b>F028 140406</b>			
		-	■	-	<b>F045 149512</b>			
		-	■	■	<b>F046 149596</b>			

<sup>1</sup> Cup material: steel, night / Arm material: Zamak, night

<sup>2</sup> Cup material: Zamak, night / Arm material: Zamak, night

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, night, not imprinted	0/3/9.5/19	On request	<b>F072 140519</b>

## ACCESSORIES

	Designation	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135396</b>
	Housing fixing screw M 3 x 6	<b>F069073405</b>

	Designation	Art.-no.
	Unclipping protector	<b>F072 135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Overlay		K3	Half overlay		K9.5	Inset <sup>1</sup>		K19
Mounting plate height 2			Mounting plate height 2			Mounting plate height 2			Mounting plate height 2		
Door overlay	Cup distance		Door overlay	Cup distance		Door overlay	Cup distance		Door reveal	Cup distance	
	0			3			9.5			19	
	19.0	0		16.0	0		9.5	0		0.0	0
	17.0	2		14.0	2		7.5	2		2.0	2
	16.0	3		13.0	3		6.5	3		3.0	3
15.0	3.5	12.5	3.5	6.0	3.5	3.5	3.5				
Mounting plate height			Mounting plate height			Mounting plate height			Mounting plate height		

<sup>1</sup> Set mounting plate back by door thickness + 1.5 mm

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

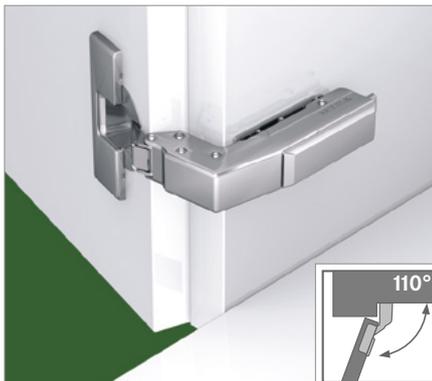
Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied



# TIOMOS 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	Art.-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>F045 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	Art.-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	Art.-no.
	85° opening angle reduction clip	<b>F072 135751</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135396</b>

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072 135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

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	

Mounting plate height 0

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	

Door overlay

MINIMUM REVEAL

	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					

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 110/90E

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	Art.-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	Art.-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	Art.-no.
	85° opening angle reduction clip	<b>F072135751</b>
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

**Inset**

Mounting plate height 3

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				

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

# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

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

Linear mounting plates

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)

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

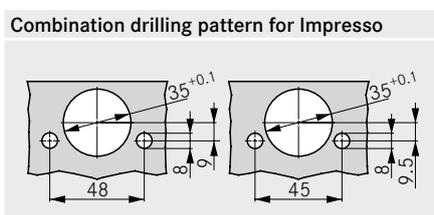
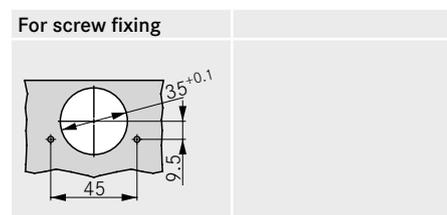
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

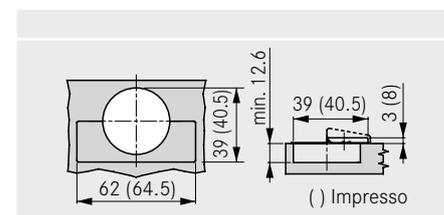
Hinge dimensions and reveal calculation with factory setting.

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

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



Tiemos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

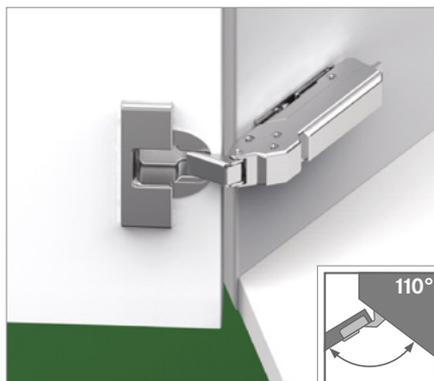
Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----



# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

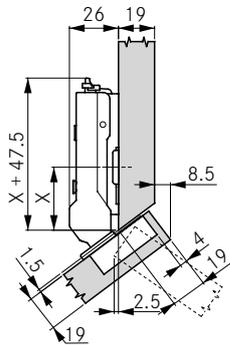
Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

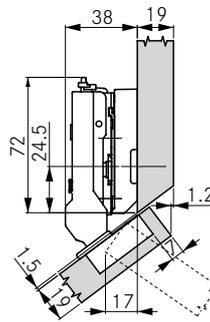
INSTALLATION INFORMATION

All dimensions in millimetres

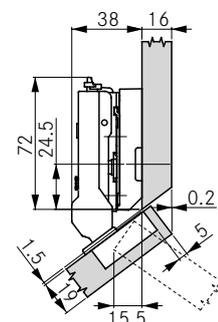
overlay



Mounting plate height 0

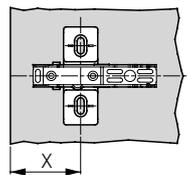


Mounting plate height 12



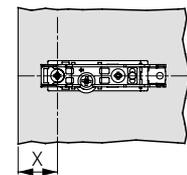
Mounting plate height 12

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

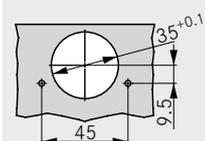
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

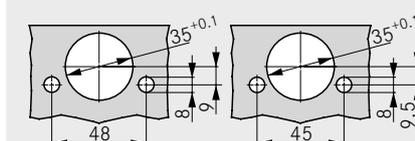
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

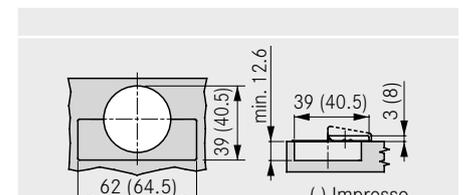
For screw fixing



Combination drilling pattern for Impresso

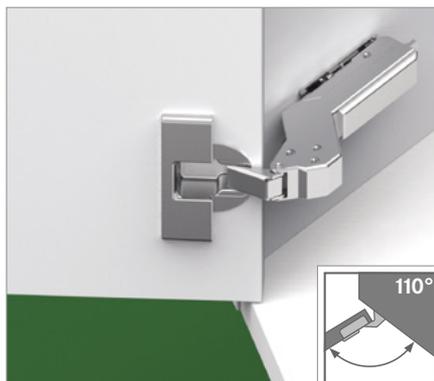


CUP DIMENSIONS



# TIOMOS 110/37E

+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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----



# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

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			2		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)

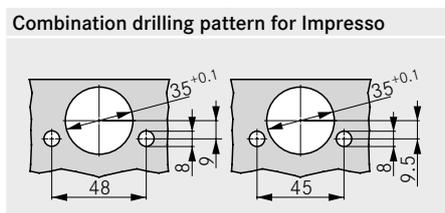
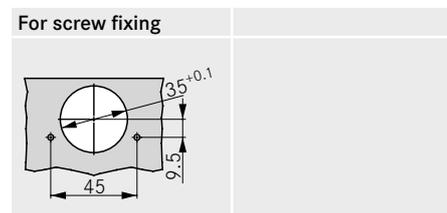
NOTES

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.

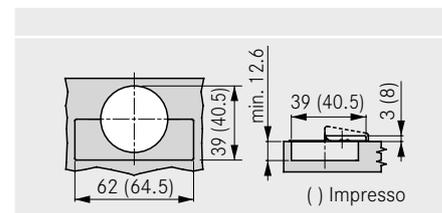
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS



Tiomos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072135807</b>

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 0

Mounting plate height 14

Cross mounting plates with fixing distance 37

Door reveal	Cup distance					
	3	4	5	6	7	
1			0			
2		0			2	
3	0			2	3	
4			2	3	3.5	
5		2	3	3.5		
6	2	3	3.5			
7	3	3.5				
8	3.5					
Mounting plate height						
0 2 3 3.5						
Cross mounting plate position (X)						

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						
9 12 14 15 15.5						
Cross mounting plate position (X)						

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)						
46.0 48.5 49.0 50.0 50.5 51.0 51.5 53.0						

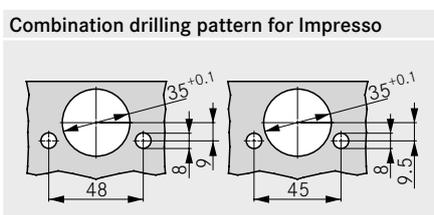
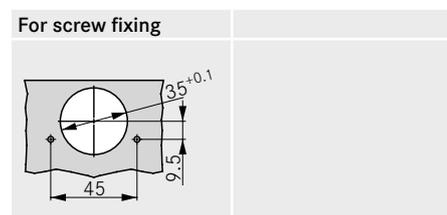
MINIMUM REVEAL

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)						

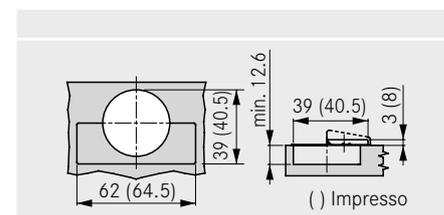
NOTES

Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).  
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



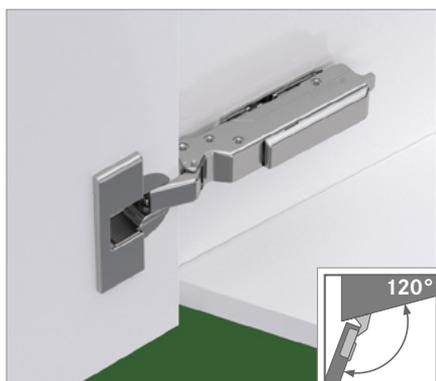
CUP DIMENSIONS



Tiomos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-no.		
		with	without	without spring		Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138555</b>		<b>F017 139347</b>	
		-	■	-	<b>F045 138493</b>		<b>F034 139318</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	Art.-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	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072 135807</b>

	Designation	Art.-no.

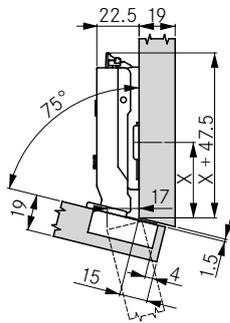
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332


INSTALLATION INFORMATION

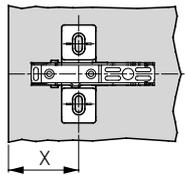
All dimensions in millimetres

overlay



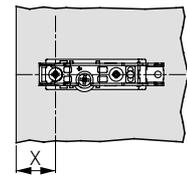
Mounting plate height 0

	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)					

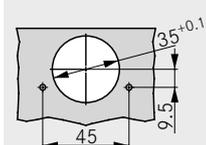
NOTES

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

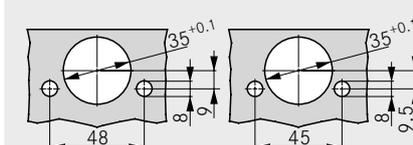
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

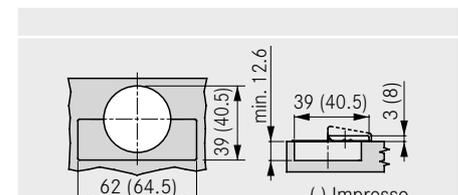
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



# TIOMOS 120/-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	Art.-no.		
		with	without	without spring		Click-on For screw fixing		Impresso without tools <sup>2</sup>
Overlay <sup>1</sup>		■	-	-	<b>F028 138556</b>		<b>F017 139348</b>	
		-	■	-	<b>F045 138494</b>		<b>F034 139319</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	Art.-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	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072 135807</b>

	Designation	Art.-no.

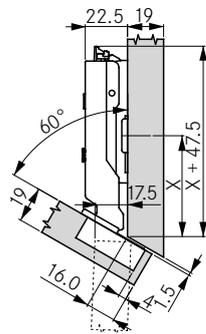
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332


INSTALLATION INFORMATION

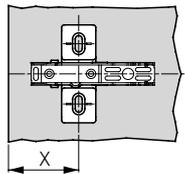
All dimensions in millimetres

overlay



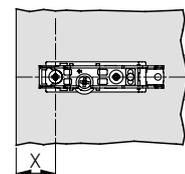
Mounting plate height 0

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)				

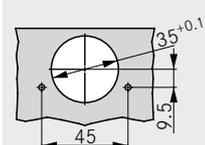
NOTES

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

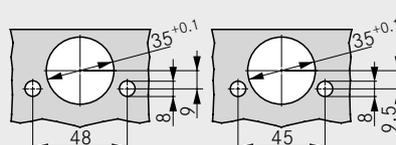
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

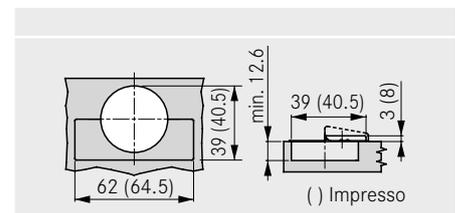
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



# TIOMOS 120/-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	Art.-no.		
		with	without		Click-on For screw fixing		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	Art.-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	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

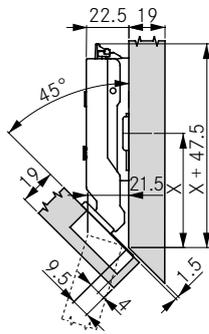
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332


INSTALLATION INFORMATION

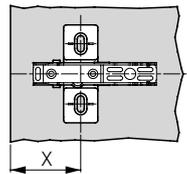
All dimensions in millimetres

overlay



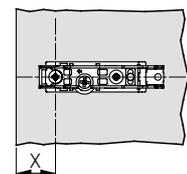
Mounting plate height 0

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)					

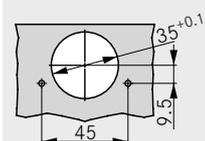
NOTES

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

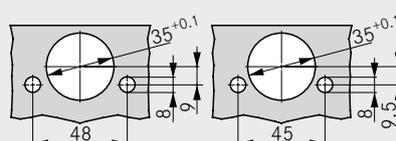
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

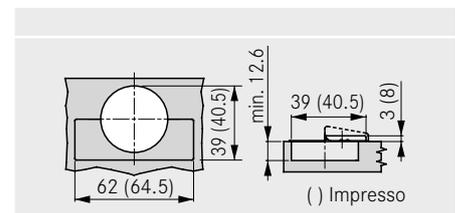
For screw fixing



Combination drilling pattern for Impresso

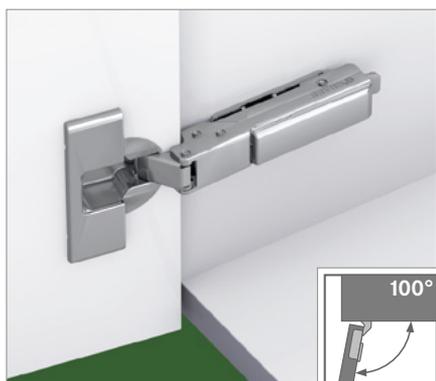


CUP DIMENSIONS



# TIOMOS 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

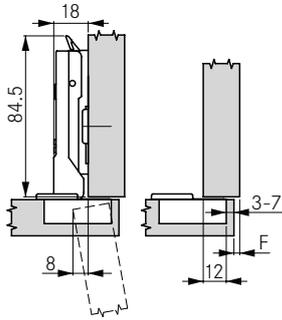
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332

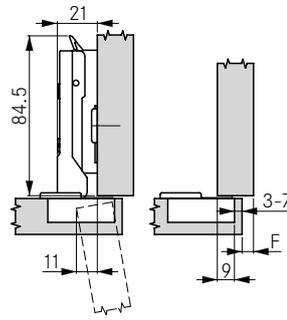

INSTALLATION INFORMATION

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.

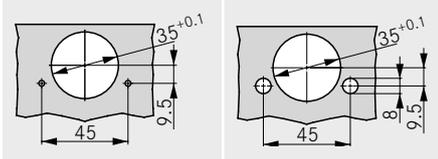
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

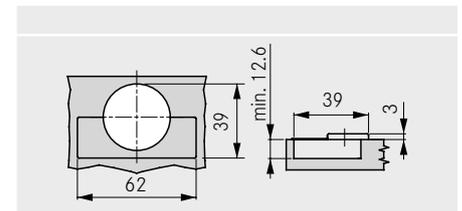
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

For screw fixing

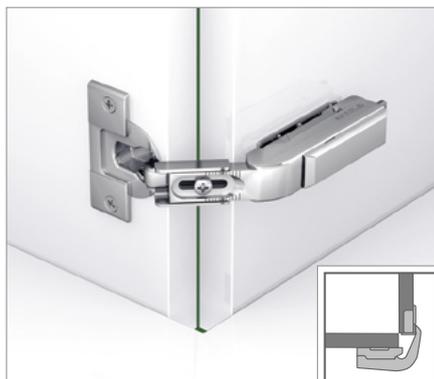


CUP DIMENSIONS



# TIOMOS 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	Art.-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	Art.-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

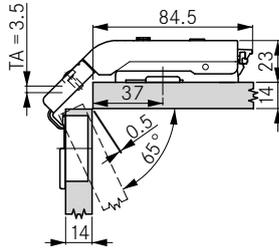
	Designation	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			
	Unclipping protector	<b>F072 135807</b>			

Tiomos mounting plates	80
Accessories	90

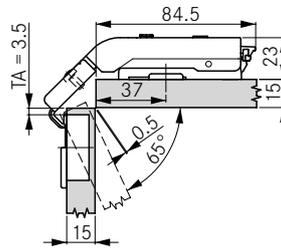
Technical information	94
Assembly aids	332


INSTALLATION INFORMATION

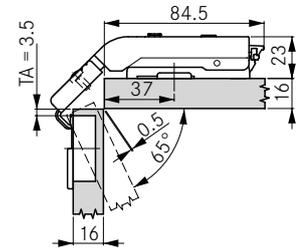
All dimensions in millimetres



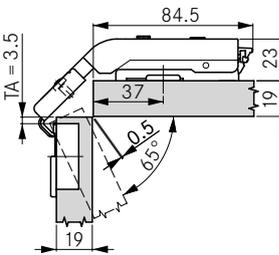
Door thickness (TS) 14 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



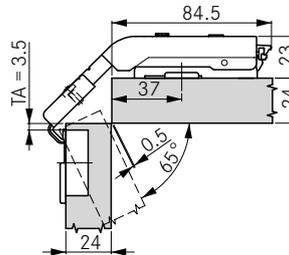
Door thickness (TS) 15 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



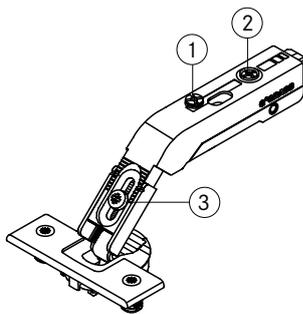
Door thickness (TS) 16 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



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



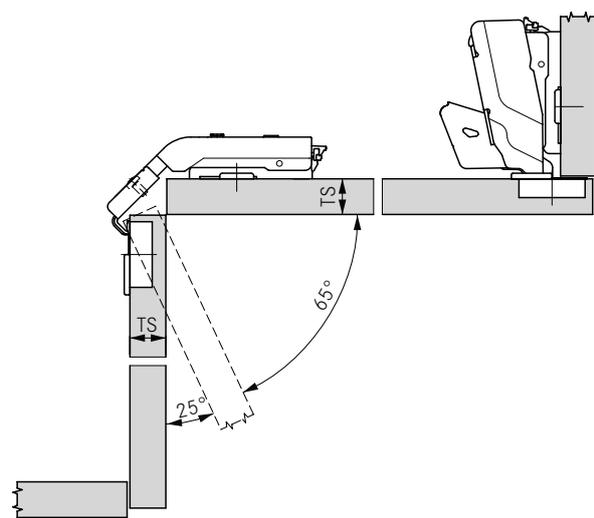
Door thickness (TS) 24 mm  
Cup distance (TA) 3.5 mm  
Mounting plate height 0



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



Tiomos

Nexis

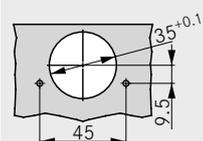
Special hinges

Single-joint hinges

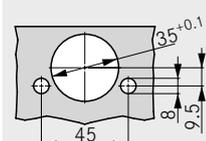
Cabinet making accessories

DRILLING PATTERNS 45/9.5

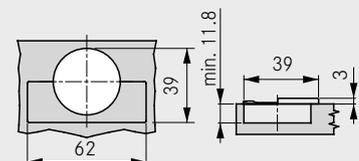
For screw fixing



For press fitting

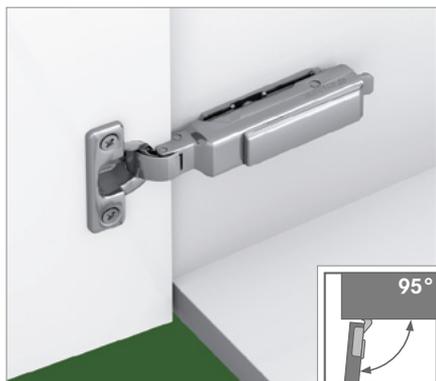


CUP DIMENSIONS



# 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	Art.-no.	
		with	without				
overlay <sup>1</sup>		-	■	-	<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	Art.-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	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Unclipping protector	<b>F072 135807</b>

	Designation	Art.-no.

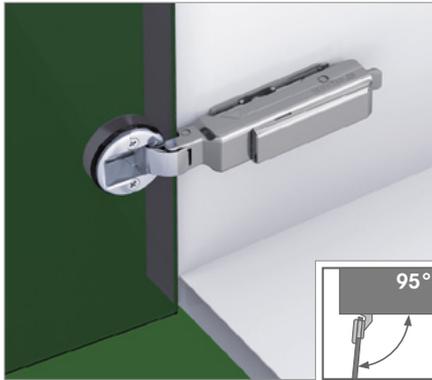
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332




# 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	Art.-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	Art.-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	Art.-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	Art.-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	Art.-no.
	Unclipping protector	<b>F072 135807</b>

	Designation	Art.-no.

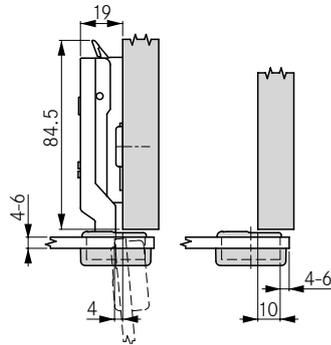
Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332


INSTALLATION INFORMATION

All dimensions in millimetres

overlay



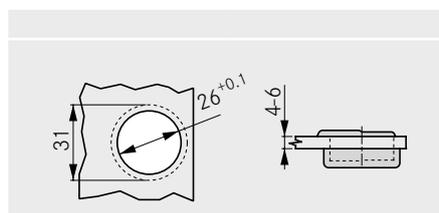
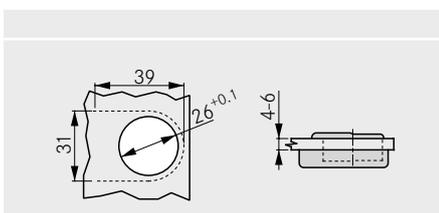
Mounting plate height 2

	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					

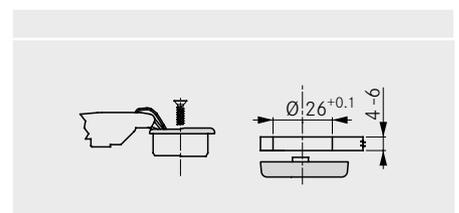
NOTES

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

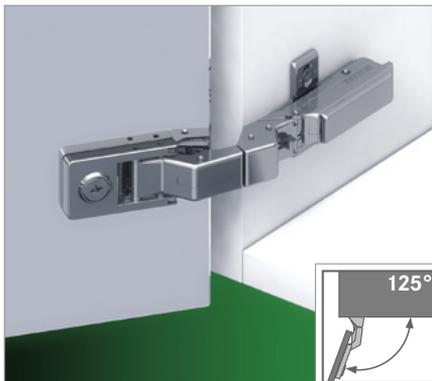


CUP DIMENSIONS



# TIOMOS MIRRO

125° mirror hinge



- 125° opening angle
- 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>		+5° wedge	<b>F072135757</b>
	85° opening angle reduction clip	<b>F072135871</b>		-5° wedge	<b>F072135758</b>
	Stainless steel adapter Tiomos Mirro for mirrors	<b>F069073731</b>			

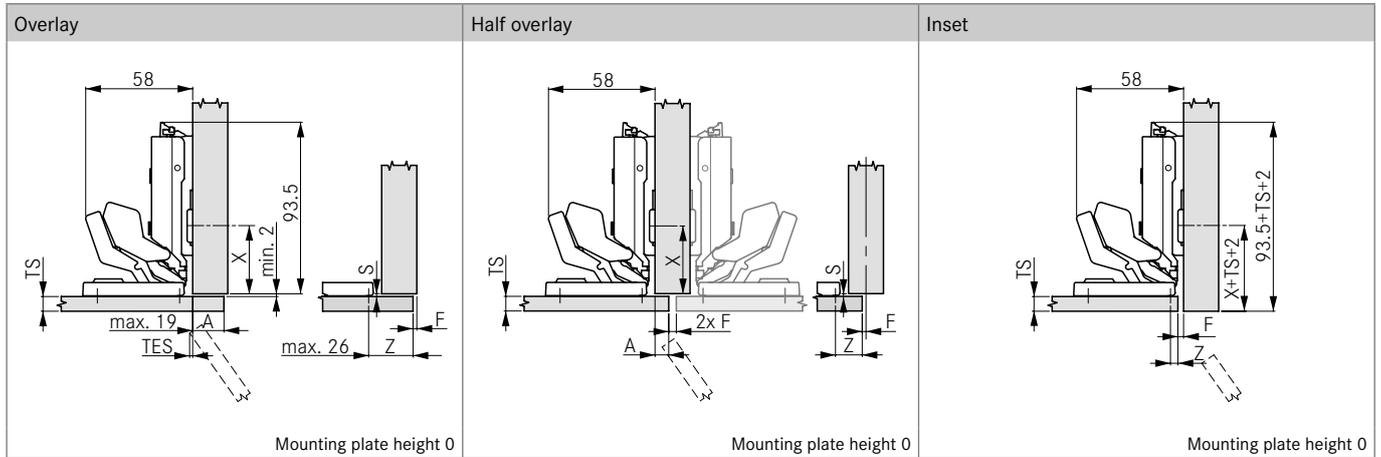
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

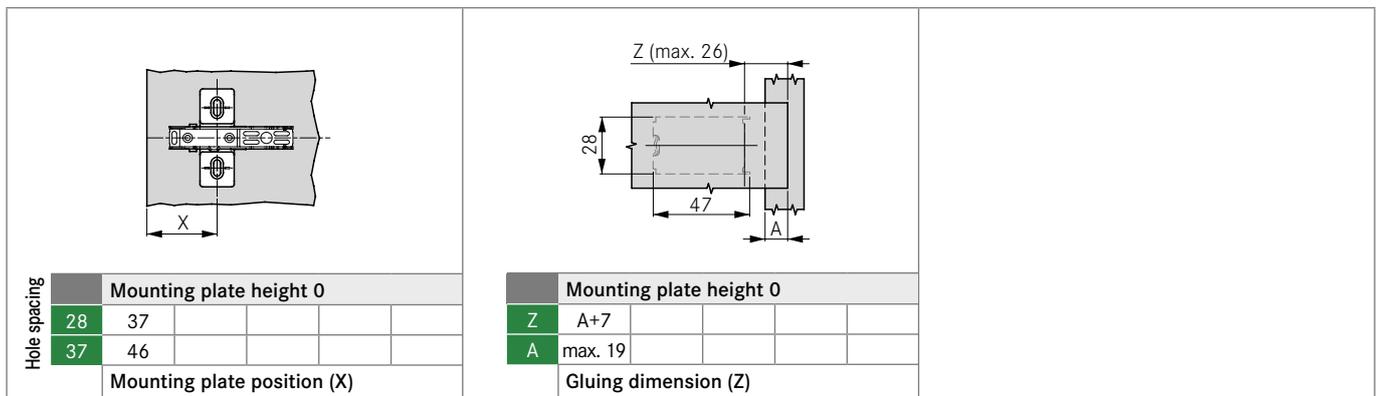


MINIMUM GAP/MINIMUM REVEAL

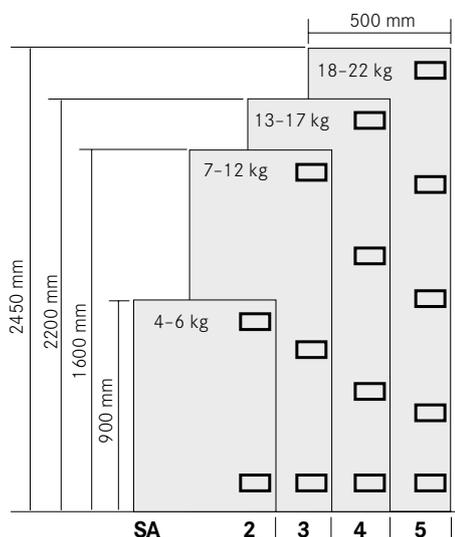
values for 0 mounting plate height

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
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).

- 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 NIGHT MIRRO

125° mirror hinge



- 125° opening angle
- 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
- Especially for dark cabinet materials and wood types

### 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	Art.-no.		
		with	without		Click-on For screw fixing		
	14	■	-	-	<b>F029140468</b>		
		-	■	-	<b>F049140469</b>		
		-	■	■	<b>F049140470</b>		

Cup material: Zamak, night/arm material: Zamak, night

## COVER CAPS

	Designation	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, night, not imprinted	On request	<b>F072140519</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>		+5° wedge	<b>F072135757</b>
	85° opening angle reduction clip	<b>F072135871</b>		-5° wedge	<b>F072135758</b>
	Stainless steel adapter Tiomos Mirro for mirrors	<b>F069073731</b>			

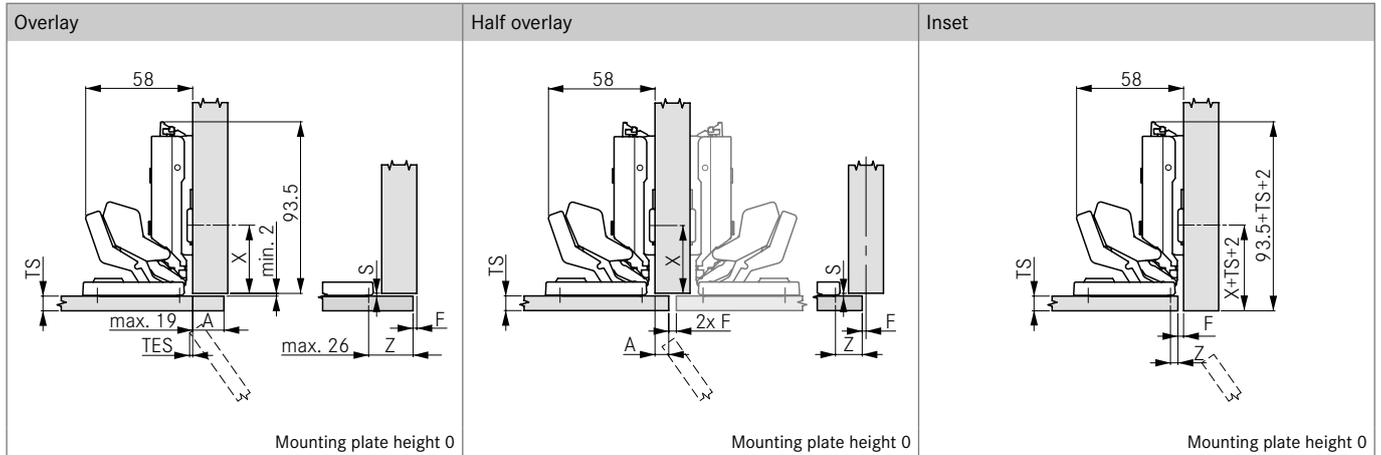
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

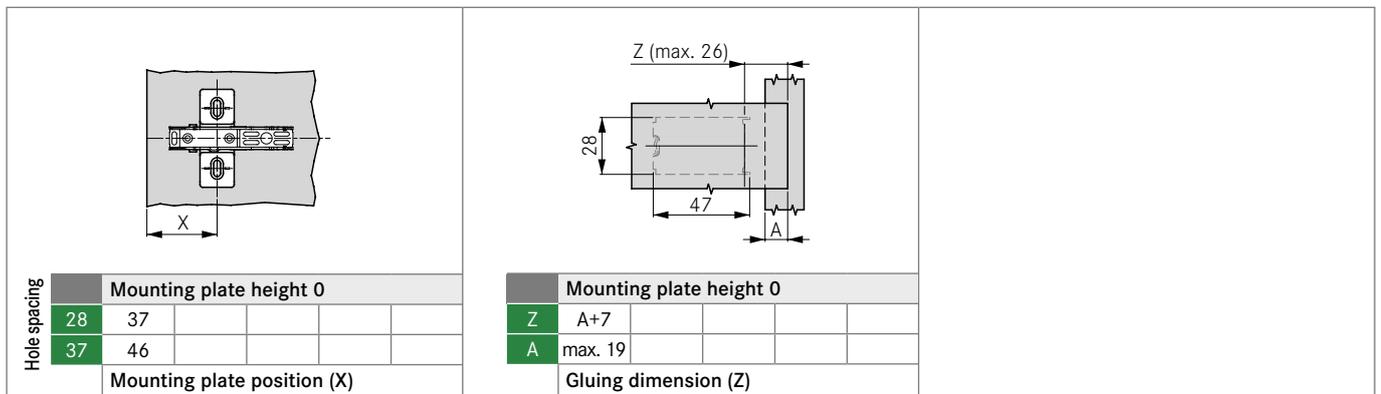


MINIMUM GAP/MINIMUM REVEAL

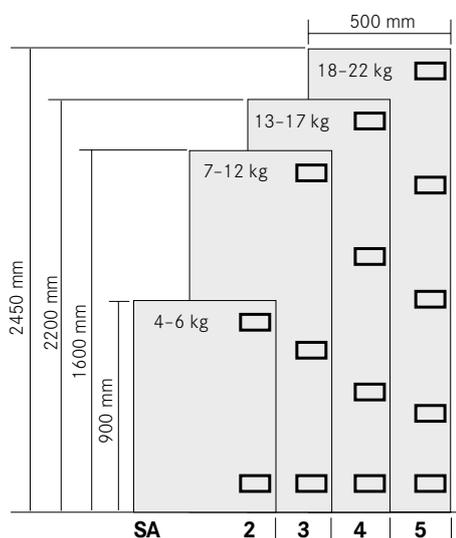
values for 0 mounting plate height

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 overhang (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
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.

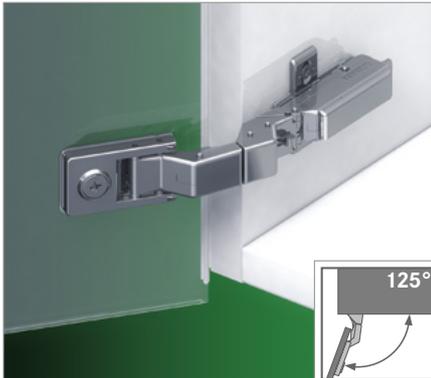
- ⓘ **Installation advice:** Please contact your glass or door supplier in respect of glue selection and how to use the glue for fastening of the hinge retainer on mirror or glass doors.

- ⓘ **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
- 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>		+5° wedge	<b>F072135757</b>
	85° opening angle reduction clip	<b>F072135871</b>		-5° wedge	<b>F072135758</b>
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	<b>F072135868</b>			

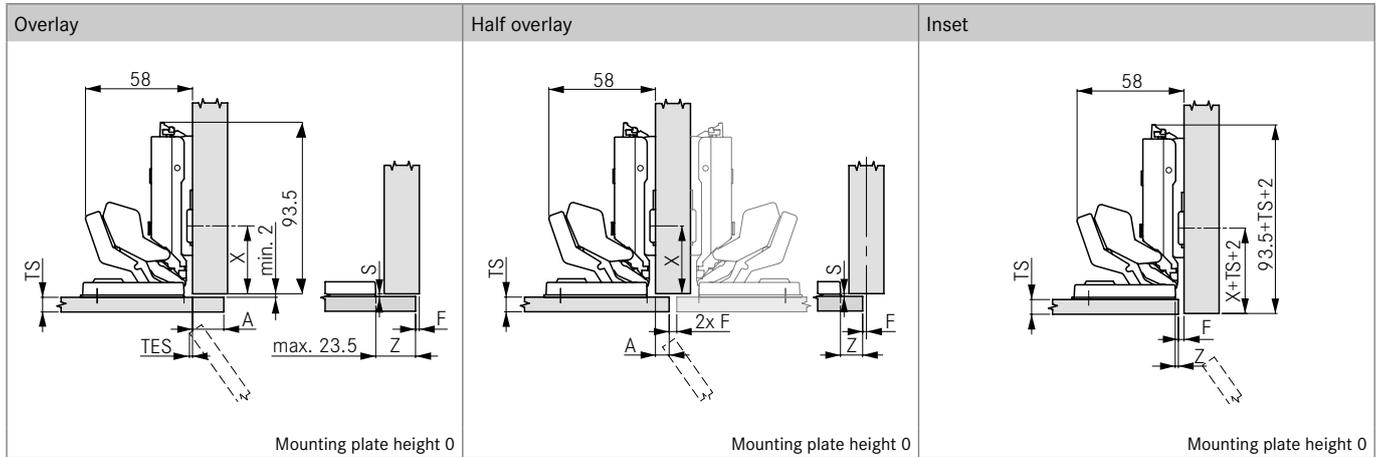
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

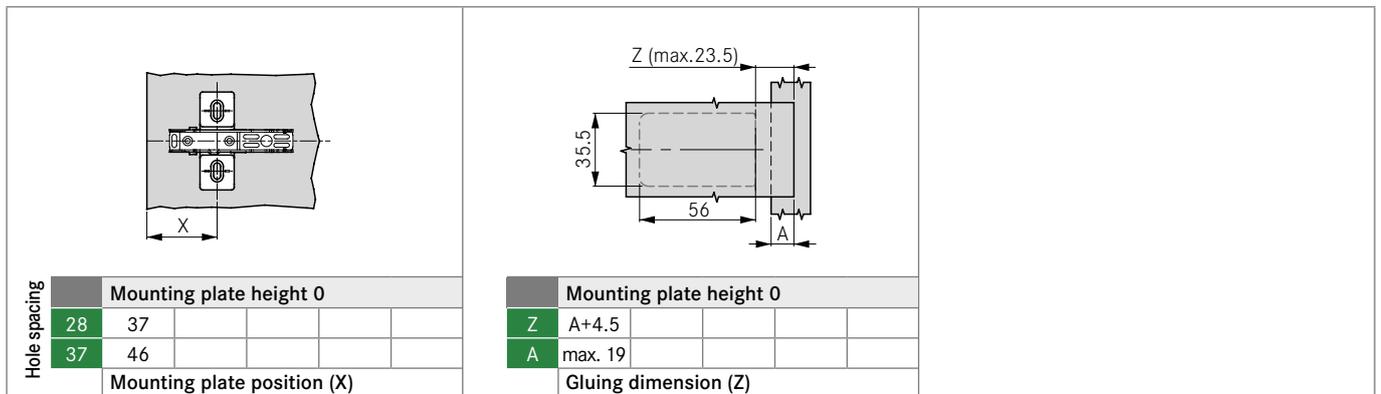


MINIMUM GAP/MINIMUM REVEAL

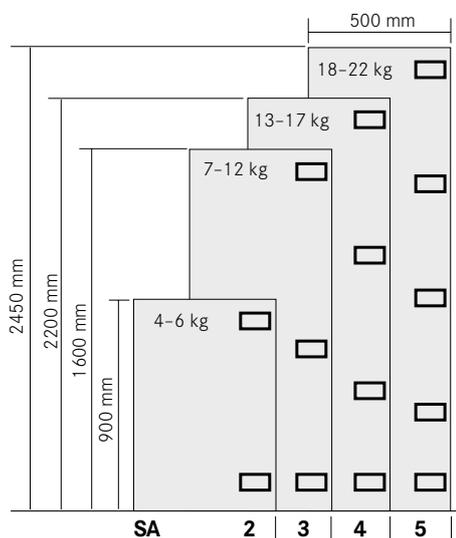
values for 0 mounting plate height

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 NIGHT MIRRO

125° mirror/clear glass hinge



- 125° opening angle
- 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
- Especially for dark cabinet materials and wood types

### 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	Art.-no.		
		with	without		Click-on For screw fixing		
	14	■	-	-	<b>F029140468</b>		
		-	■	-	<b>F049140469</b>		
		-	■	■	<b>F049140470</b>		

Cup material: Zamak, night/arm material: Zamak, night

## COVER CAPS

	Designation	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, night, not imprinted	On request	<b>F072140519</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>		+5° wedge	<b>F072135757</b>
	85° opening angle reduction clip	<b>F072135871</b>		-5° wedge	<b>F072135758</b>
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	<b>F072135868</b>			

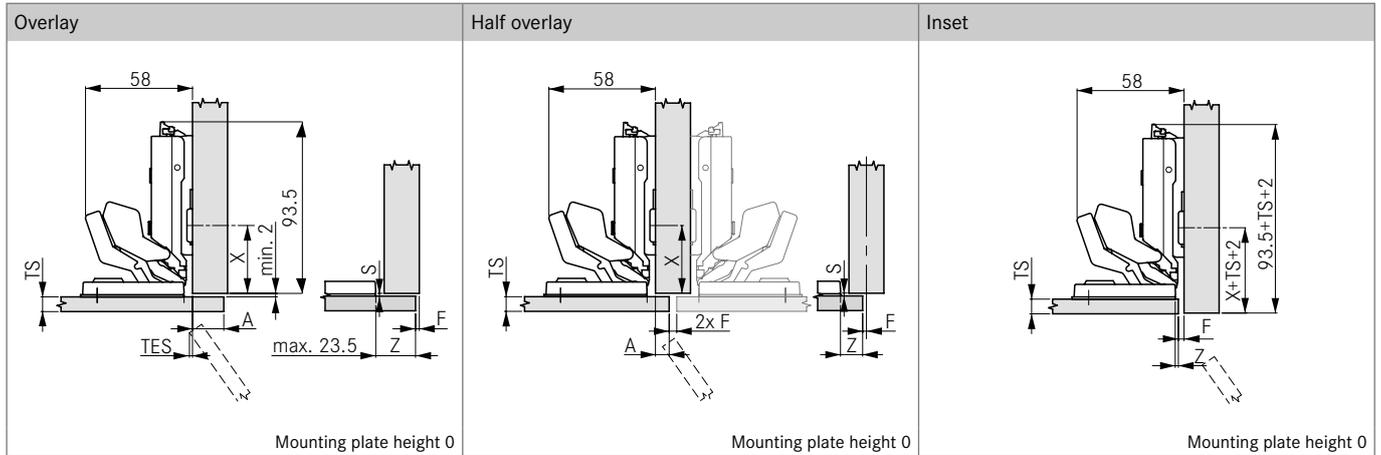
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

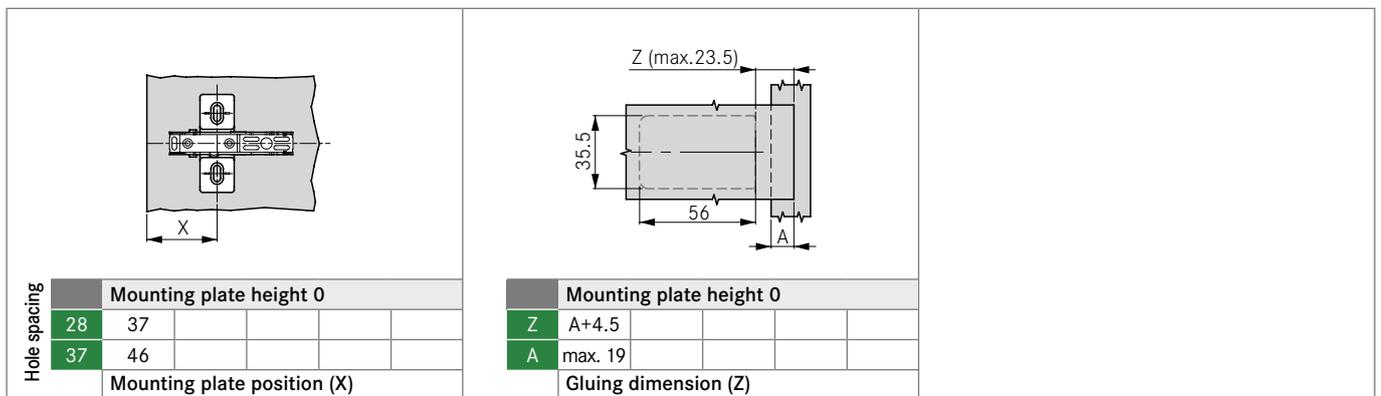


MINIMUM GAP/MINIMUM REVEAL

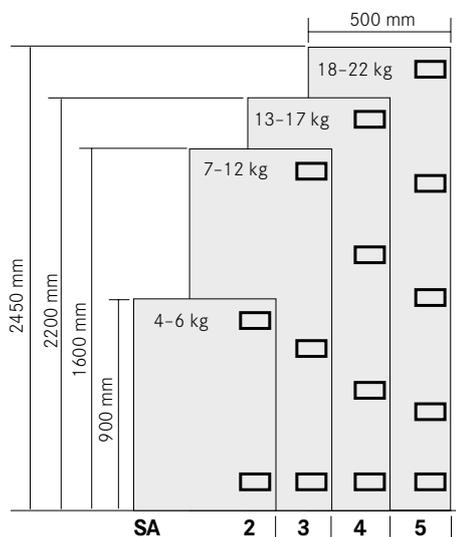
values for 0 mounting plate height

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
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>Art.-no.</b>		<b>Height</b>	<b>Art.-no.</b>		<b>Height</b>	<b>Art.-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>Art.-no.</b>		<b>Height</b>	<b>Art.-no.</b>		<b>Height</b>	<b>Art.-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	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

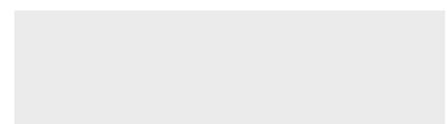
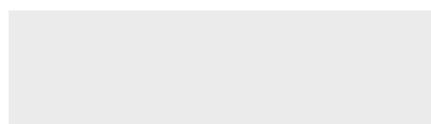
Angle applications								
-5° WEDGE surface-mounted			-5° WEDGE inset			-10° WEDGE inset		
<b>Adapter</b>	<b>Z</b>	 min. 20	<b>Adapter</b>	<b>Z</b>	 min. 20	<b>Adapter</b>	<b>Z</b>	 min. 25
Stainless steel	22.5		Stainless steel	14		Stainless steel	23.5	
Zamak	20		Zamak	11.5		Zamak	21	
	<b>Height</b>	<b>Art.-no.</b>		<b>Height</b>	<b>Art.-no.</b>		<b>Height</b>	<b>Art.-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>F072135758</b>	-5° wedge	3	<b>F072135758</b>	-5° wedge (2x)	3	<b>F072135758</b>

NOTE

Trial fitting is recommended for all door thicknesses.

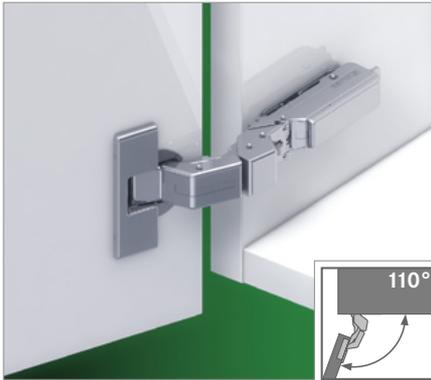
LEGEND

Z	Gluing position
---	-----------------



# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>		85° opening angle reduction clip	<b>F072135871</b>
	Tipmatic pin for wooden and aluminium frame doors	<b>F069135396</b>			

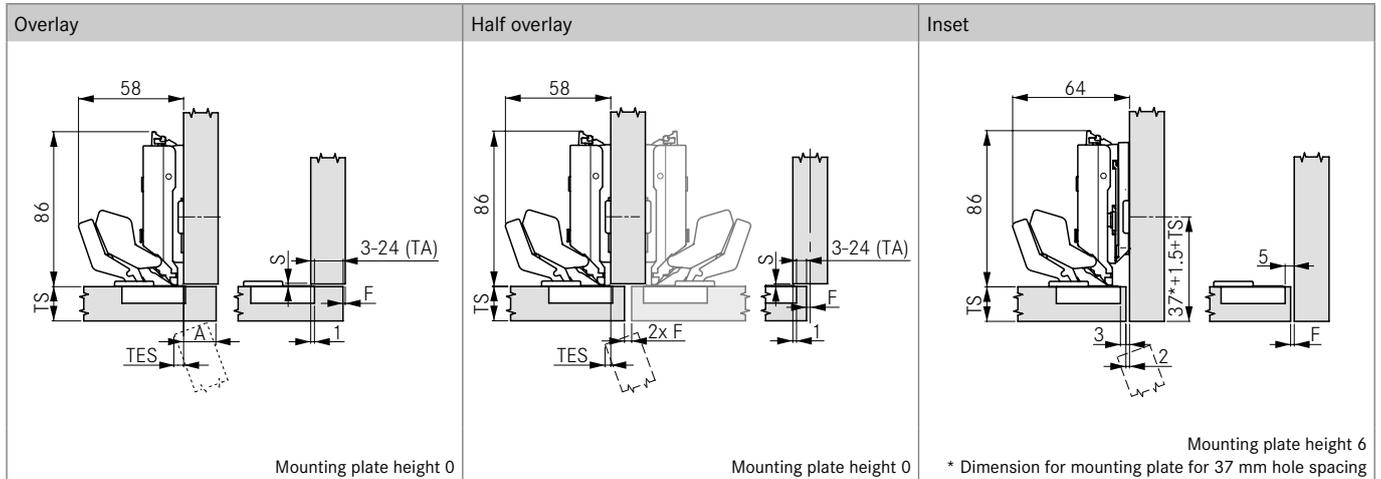
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

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

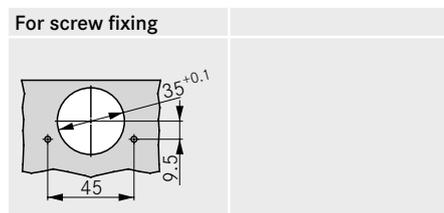
<sup>1</sup> Value achievable by use of a 85° opening angle reduction clip

NOTE

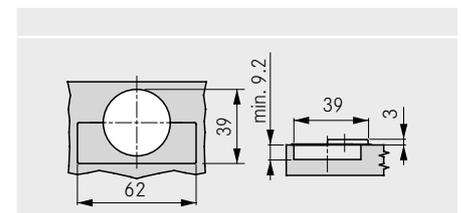
Minimum reveal for doors with chamfered edges (R = 1 mm) set at factory setting.

Trial fitting is recommended for all door thicknesses.

DRILLING TEMPLATE 45/9.5



CUP DIMENSIONS



# TIOMOS M9

110° hinge (door thicknesses from 12 mm)

## 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	80
Accessories	90

Tipmatic	278
Technical information	94

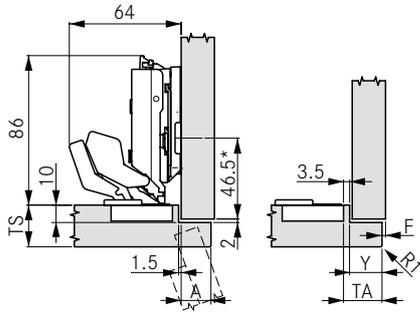
Assembly aids	332

**INSTALLATION INFORMATION**

All dimensions in millimetres

**Rebated applications**

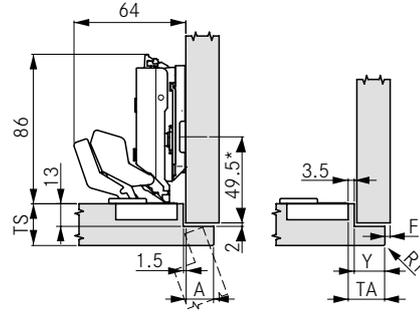
**10 mm**



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	

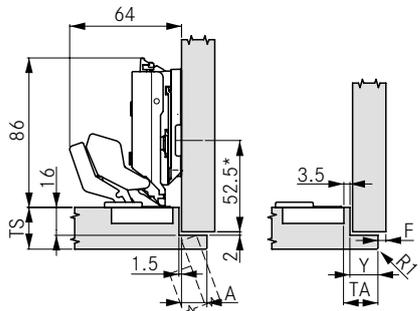
**13 mm**



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

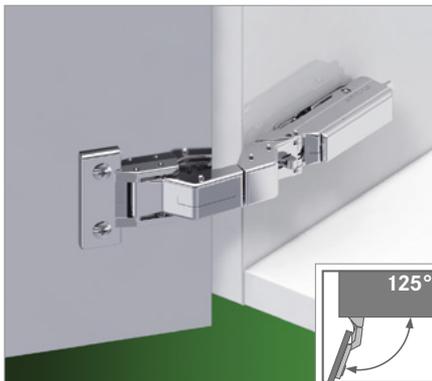
Special hinges

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
- 125° Opening angle

### 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	Art.-no.	
		with	without				
	-	■	-	-	<b>F029 140331</b>		
		-	■	-	<b>F047 140332</b>		
		-	■	■	<b>F049 140333</b>		

## COVER CAPS

	Designation	Imprinted/Embossed	Art.-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	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069 135396</b>
	85° opening angle reduction clip	<b>F072 135871</b>

	Designation	Art.-no.
	+5° wedge	<b>F072 135757</b>
	-5° wedge	<b>F072 135758</b>

## FASTENING OPTIONS

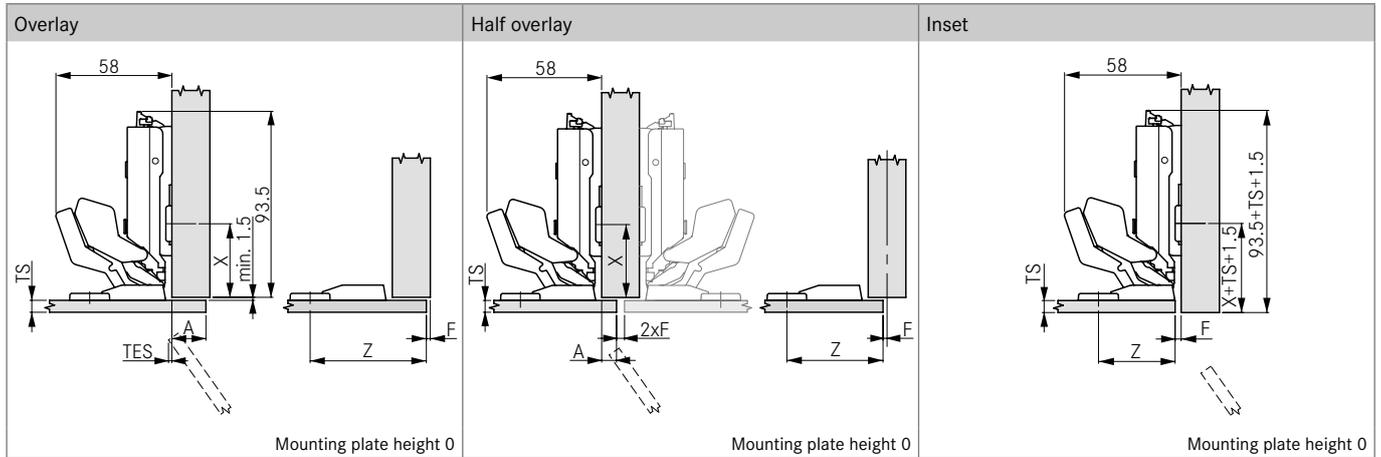
	Designation	Art.-no.
	Countersunk screw M4 x 8 mm	<b>F072 135947</b>
	Euro screw, nickel-plated, Ø 6.3 mm x 10.5 mm	<b>F146073979</b>
	Set: 100 pcs countersink screws M4 x 8 mm, 100 pcs bushings M4 x 5.5 mm, 1 pc Allen key	<b>F072 135928</b>

		Material thickness			
		6 mm	6.4 mm	8 mm	10 mm
Material	MDF	-	-	<b>F146073979</b>	
	Chipboard	-	-	<b>F146073979</b>	
	HPL	-	-	<b>F146073979</b>	
	Mineral composite	-	<b>F072 135928</b>		
	Aluminium	<b>F072 135947</b>			

Tiomos mounting plates	80	Tipmatic	278	Assembly aids	332
Accessories	90	Technical information	94		

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

Values with a mounting plate height 0

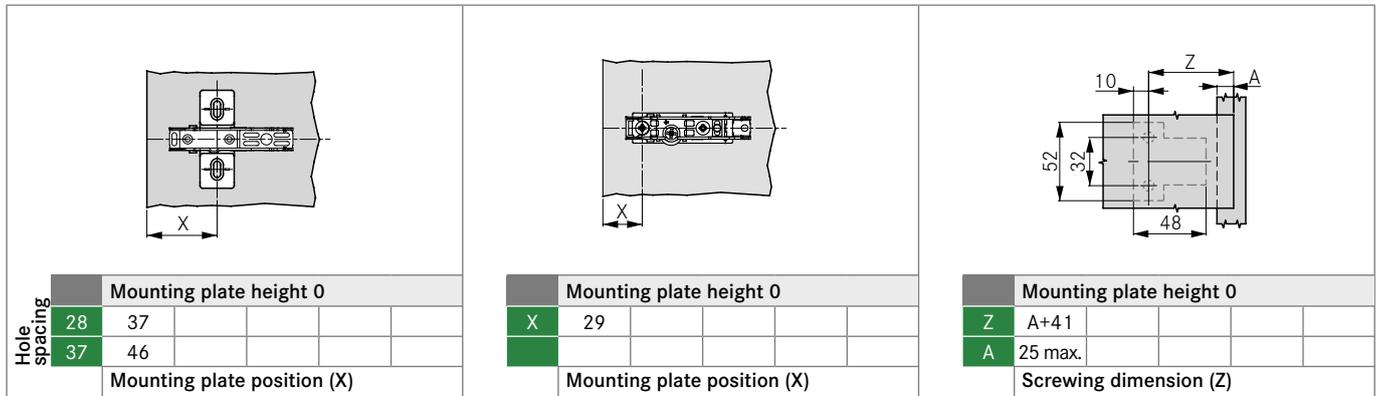
Screwing dimension (Z)	38	39	47	49	51	53	55	56	58	60	61	63	64	66
Door protrusion (TES)	0	0	0	0	0	0	0	0.5	1.5	3	3.4	0	0	0
Door overlay (A)	-3	-2	6	8	10	12	14	15	17	19	20	22 <sup>1</sup>	23 <sup>1</sup>	25 <sup>1</sup>
Min. reveal (F)/gap (S)	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S
Door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

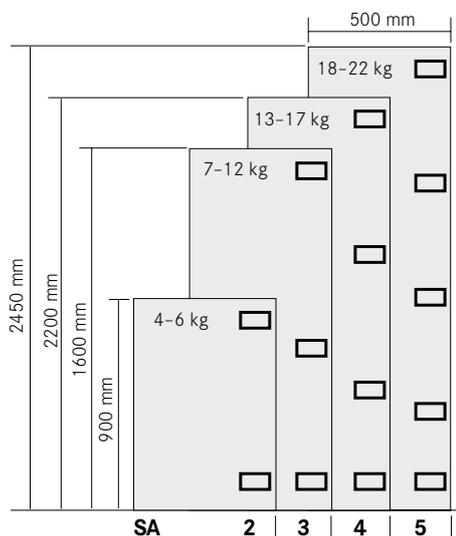
CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

SCREWING POSITION



NUMBER OF HINGES



NOTES

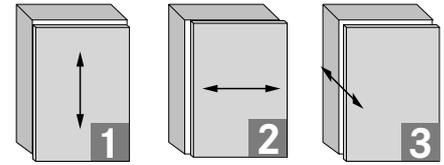
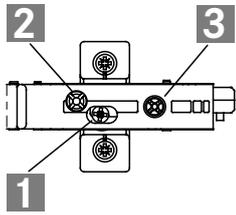
An inset application is achieved with the mounting plate (X) and a low housing screwing distance (Z).

- ① **Installation advice**  
**Countersunk screw M4 x 8 mm:**
  1. Drill a Ø 3.3 mm hole
  2. Cut a Ø 4 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. Drilling depth: 6mm
  3. Slightly countersink the edge of the hole
  4. Insert the sleeve
  5. Knock in the sleeve with a hammer
  6. 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

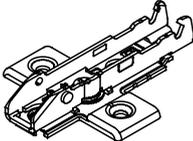
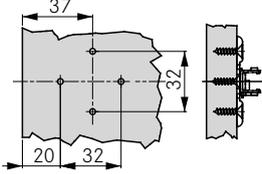
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

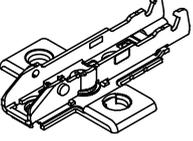
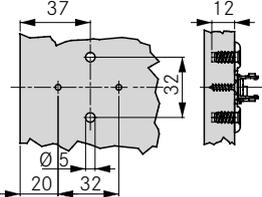
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

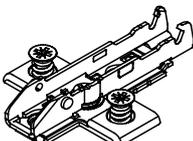
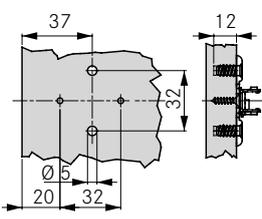
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

For screw fixing	37/32	Height	Colour	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated / night</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> 		0	nickel	<b>F058139746</b>
			night	<b>F058149629</b>
		2	nickel	<b>F058139747</b>
			night	<b>F058149630</b>
		3	nickel	<b>F058139748</b>
			night	<b>F058149631</b>
3.5	nickel	<b>F058139749</b>		

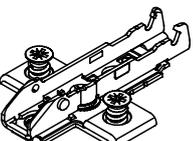
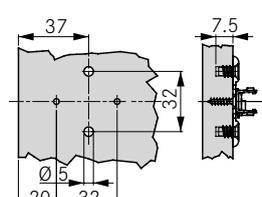
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

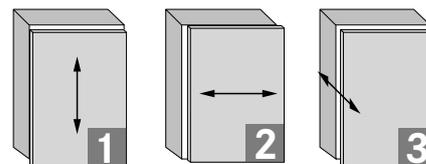
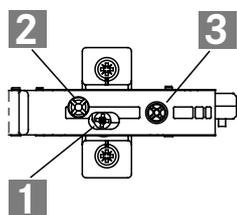
For Euro screws	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with Euro screws <math>\varnothing</math> 6.3 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139756</b>
		2	<b>F058139757</b>
		3	<b>F058139758</b>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

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

With pre-assembled Euro screws (13.5 mm)	37/32	Height	Colour	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated / night</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> 		0	nickel	<b>F058139761</b>
			night	<b>F058140386</b>
		2	nickel	<b>F058139762</b>
			night	<b>F058140933</b>
		3	nickel	<b>F058139763</b>
			night	<b>F058149632</b>
3.5	nickel	<b>F058139764</b>		

#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING, FOR TWIN APPLICATION

With pre-assembled Euro screws (10 mm)	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws <math>\varnothing</math> 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	Art.-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

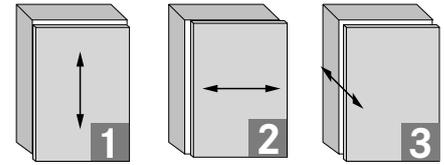
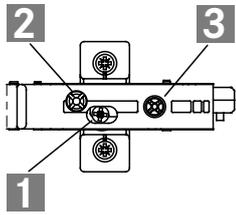
Mounting plate (expansion dowel 11 mm)	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 5 mm dowels</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting plate!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

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

Twin mounting plate (expansion dowel 7.5 mm)	37/32	Height	Art.-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

## Mounting plates



(HV) Height adjustment  
+/-2 mm

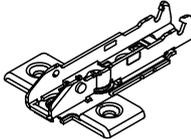
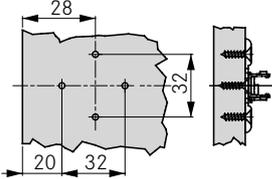
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

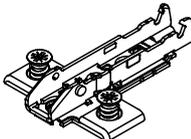
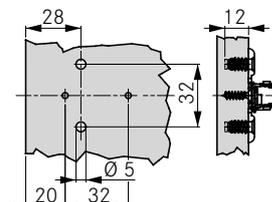
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

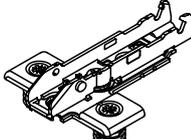
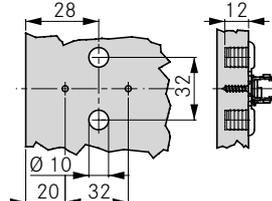
#### 1D CROSS MOUNTING PLATE, 4-POINT FIXING

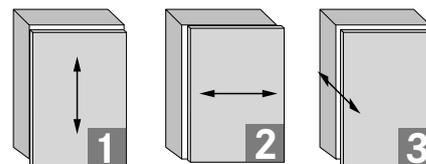
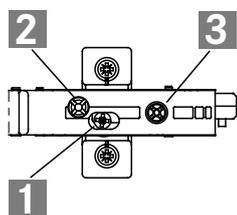
For screw fixing	28/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		0	<b>F058139796</b>
		2	<b>F058139797</b>
		3	<b>F058139798</b>
		3.5	<b>F058139799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

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

With pre-assembled Euro screws (13.5 mm)	28/32	Height	Art.-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	Art.-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

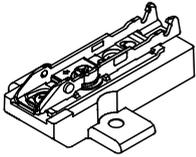
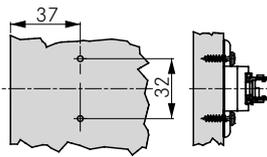
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

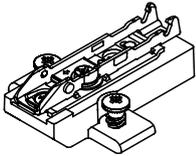
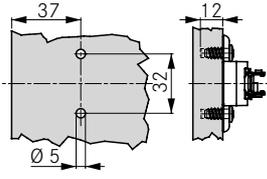
All adjustments can be carried out independently of each other.

**ORDER INFORMATION**

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

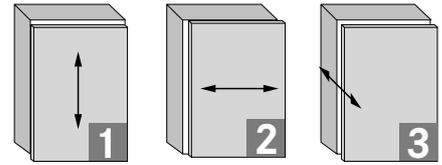
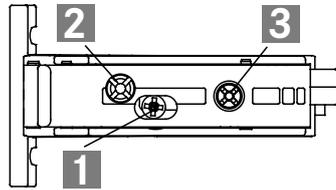
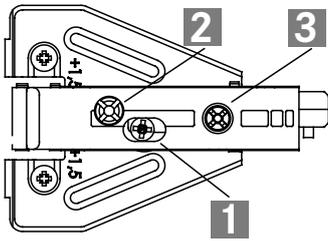
For screw fixing	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Zamak/steel, nickel-plated</li> <li>Fixing with wood screws <math>\varnothing</math> 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul> 		6	<b>F058139892</b>
		8	<b>F058139886</b>
		9	<b>F058139887</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	Art.-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

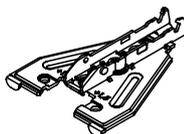
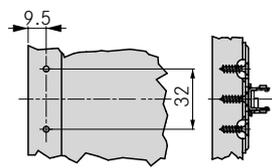
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

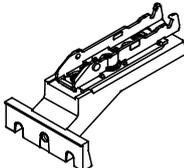
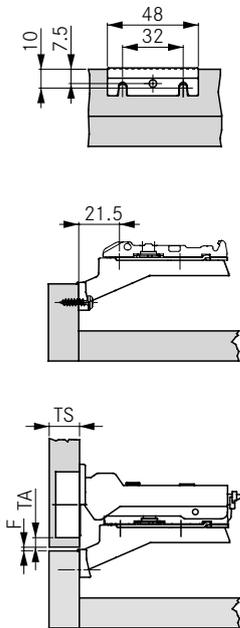
All adjustments can be carried out independently of each other.

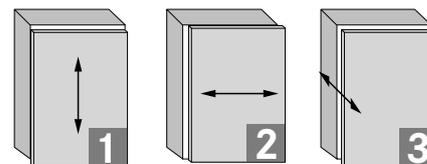
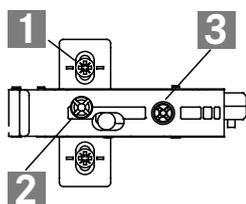
### ORDER INFORMATION

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

For screw fixing	9.5/32	Height	Art.-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	Art.-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 colspan="2">Cup distance (TA)</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td rowspan="7">Door thickness (TS)</td> <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> <tr> <td colspan="2">Minimum reveal (F)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Cup distance (TA)		3	4	5	6	Door thickness (TS)	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)	
Cup distance (TA)		3	4	5	6																																																
Door thickness (TS)	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

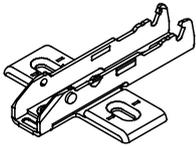
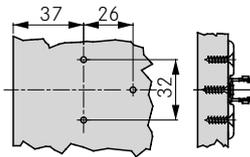
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

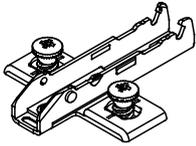
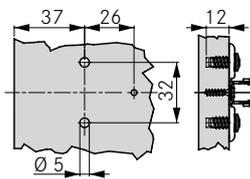
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

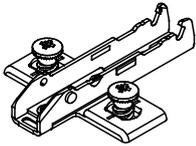
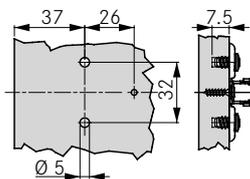
### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Art.-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	<b>F058139720</b>
		0	<b>F058139721</b>
		2	<b>F058139722</b>
		3	<b>F058139723</b>
		3.5	<b>F058139724</b>

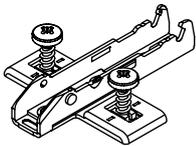
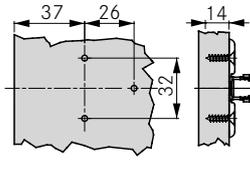
### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (13.5 mm)	37/32	Height	Art.-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	<b>F058139735</b>
		0	<b>F058139736</b>
		2	<b>F058139737</b>
		3	<b>F058139738</b>
		3.5	<b>F058139739</b>

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

With pre-assembled pan head Euro screws (10.5 mm)	37/32	Height	Art.-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	<b>F058139857</b>
		0	<b>F058139858</b>
		2	<b>F058139859</b>
		3	<b>F058139860</b>
		3.5	<b>F058139861</b>

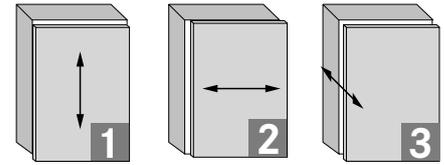
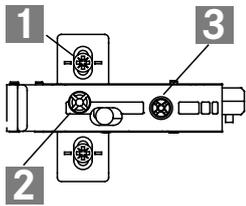
### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled wood screws (17 mm)	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled wood screws Ø 4.5 x 17 mm</li> <li>Height adjustment (HV) via slot</li> </ul> 		0	<b>F058139973</b>
		2	<b>F058139974</b>
		3*	<b>F058139975</b>
		3.5*	<b>F058139976</b>

\* Available on request

# TIOMOS

## Mounting plates



(HV) Height adjustment  
+/-2.5 mm

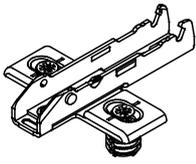
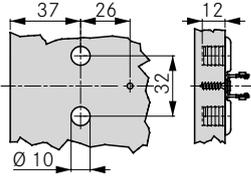
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

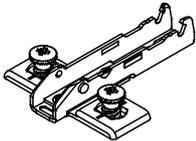
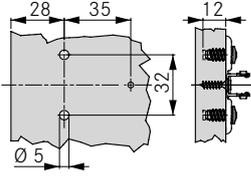
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

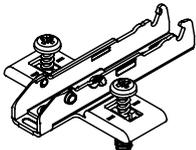
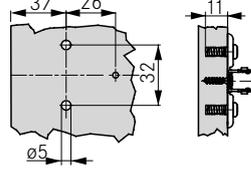
#### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

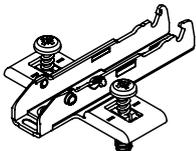
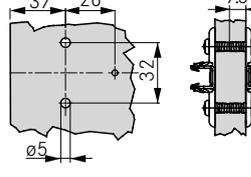
For press fitting	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with <math>\varnothing</math> 10 mm dowels</li> <li>Height adjustment (HV) via slot</li> <li><b>Do not use a hammer for inserting the mounting plate</b></li> </ul> 		-2	<b>F058139725</b>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

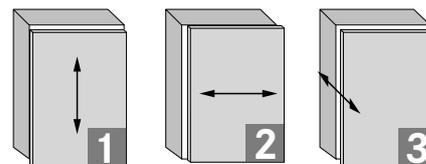
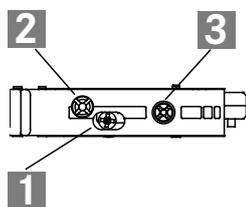
#### ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (13.5 mm)	28/32	Height	Art.-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	Art.-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	Art.-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

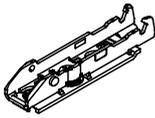
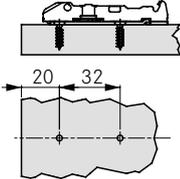
(SV) Side adjustment  
+/-2 mm

(TV) Depth adjustment  
+3/-2 mm

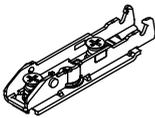
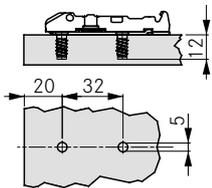
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

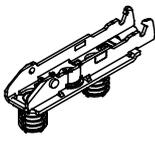
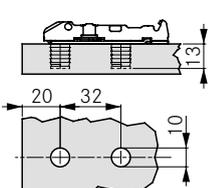
### 1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	20/32	Height	Colour	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated / night</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	nickel	<b>F059139701</b>
			night	<b>F059139977</b>
		2	nickel	<b>F059139702</b>
			night	<b>F059139978</b>
		3	nickel	<b>F059139703</b>
			night	<b>F059139979</b>
		3.5	nickel	<b>F059139704</b>

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

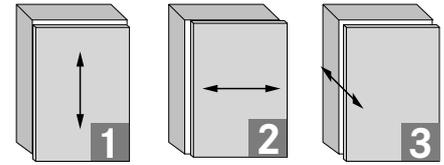
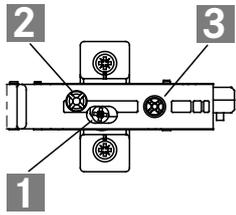
With pre-assembled Euro screws (13.5 mm)	20/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> <li><b>Do not use a hammer for inserting the mounting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

Zum Einpressen	20/32	Height	Colour	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated / night</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	nickel	<b>F059139706</b>
			night	<b>F059139980</b>
		2	nickel	<b>F059139707</b>
			night	<b>F059149634</b>
		3	nickel	<b>F059139708</b>
			night	<b>F059149635</b>
		3.5	nickel	<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

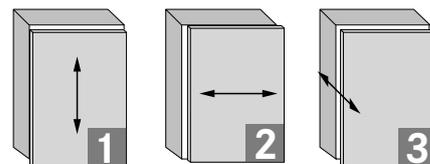
For screw fixing	X/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>For 20° angle applications</li> <li>Zamak/steel, nickel-plated</li> <li>Fixing with wood screws Ø 3.5 x 15 mm</li> <li>With convenient height adjustment (HV) via worm gear</li> </ul>		0	<b>F058139902</b>
		2	<b>F058139903</b>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

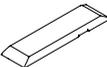
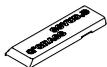
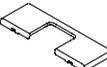
### +5° WEDGE

For screw fixing		37/32	Art.-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	Art.-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	Art.-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, night, not imprinted			<b>F072140519</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>
	Hinge arm cover cap, left/right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo (mirrored)	<b>F072135749</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>
	Hinge cup cover cap, steel, night, not imprinted			<b>F072140520</b>

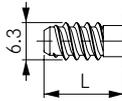
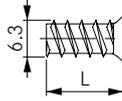
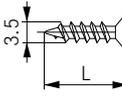
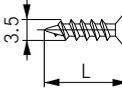
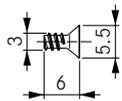
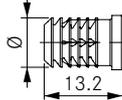
## OPENING ANGLE REDUCTION CLIPS

	Designation			Art.-no.
	85° opening angle reduction clip Suitable for all Tiomos 110° / 120° standard hinges as well as blind corner 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		Art.-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			Art.-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>
	Countersunk wood screw, night, Ø 3.5 mm	L = 15		<b>F072135961</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>

Tiomos

Nexis

Special hinges

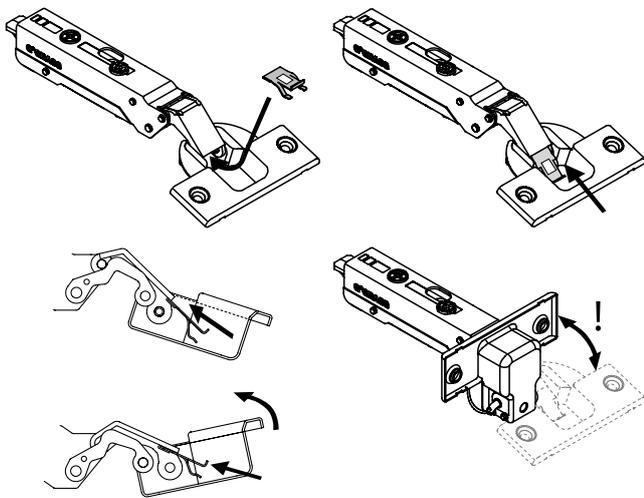
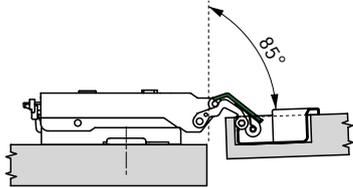
Single-joint hinges

Cabinet making accessories

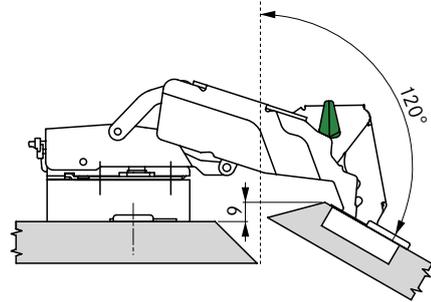
## ASSEMBLY INSTRUCTIONS

All dimensions in millimetres

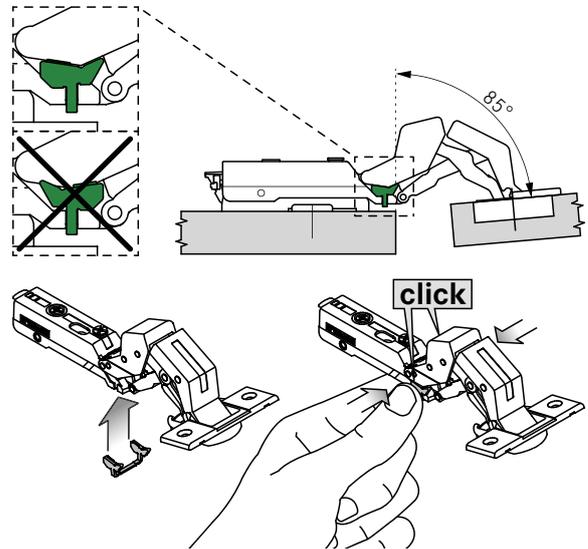
### 85° opening angle reduction clip



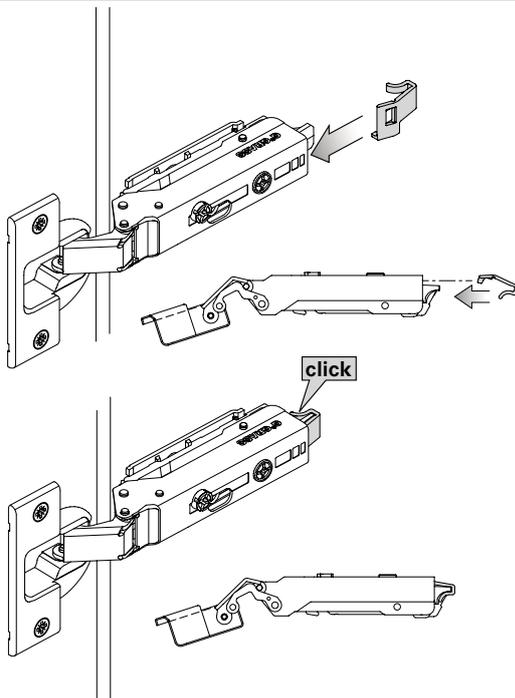
### 120° opening angle reduction clip



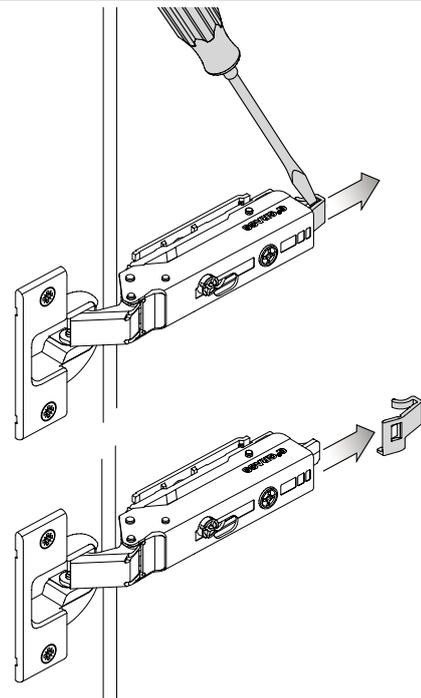
### 85° opening angle reduction clip for Tiomos M9 and Mirro



### Unclipping protector assembly

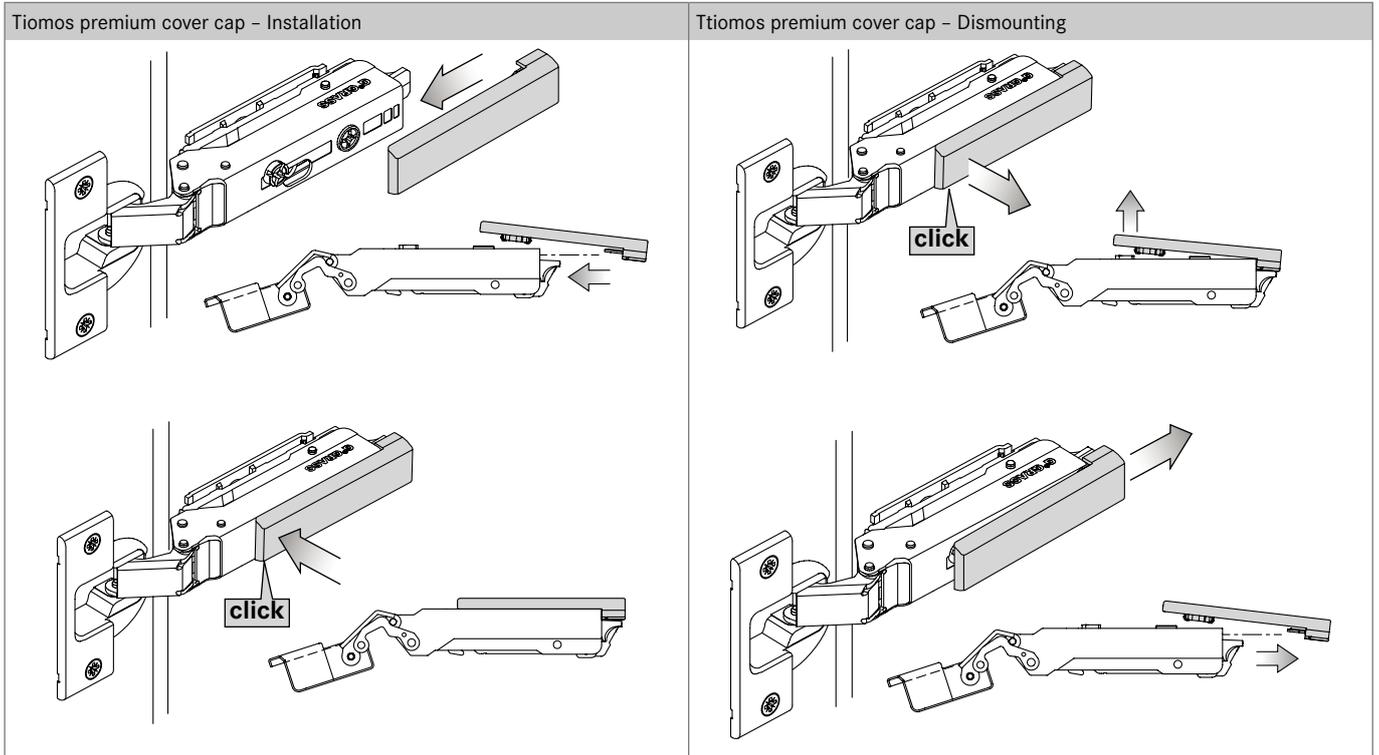


### Unclipping protector disassembly



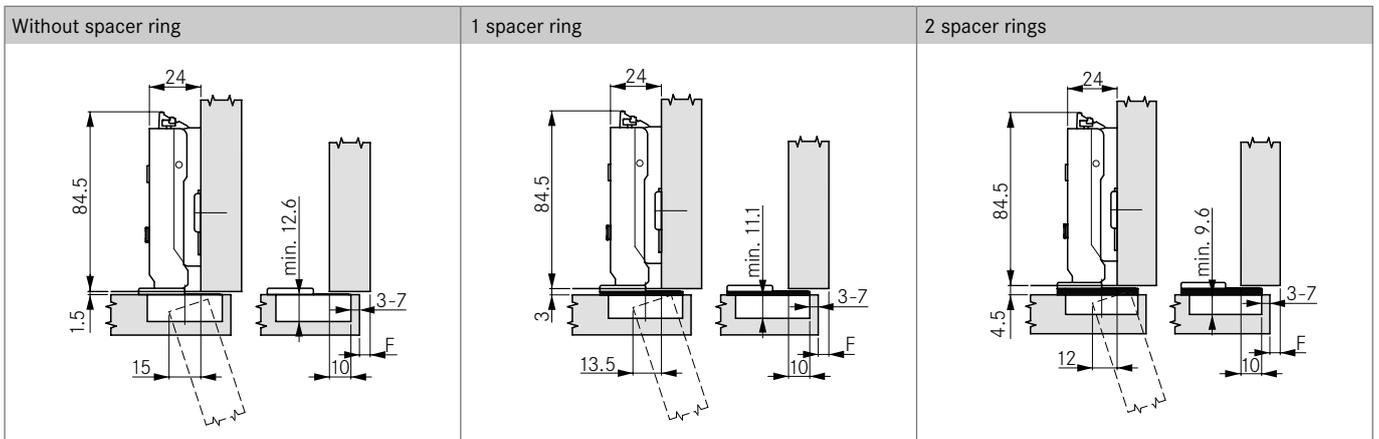
ASSEMBLY INSTRUCTIONS

All dimensions in millimetres



INSTALLATION INFORMATION

All dimensions in millimetres



# TIOMOS

## Technical information

### NUMBER OF HINGES PER DOOR

#### Description

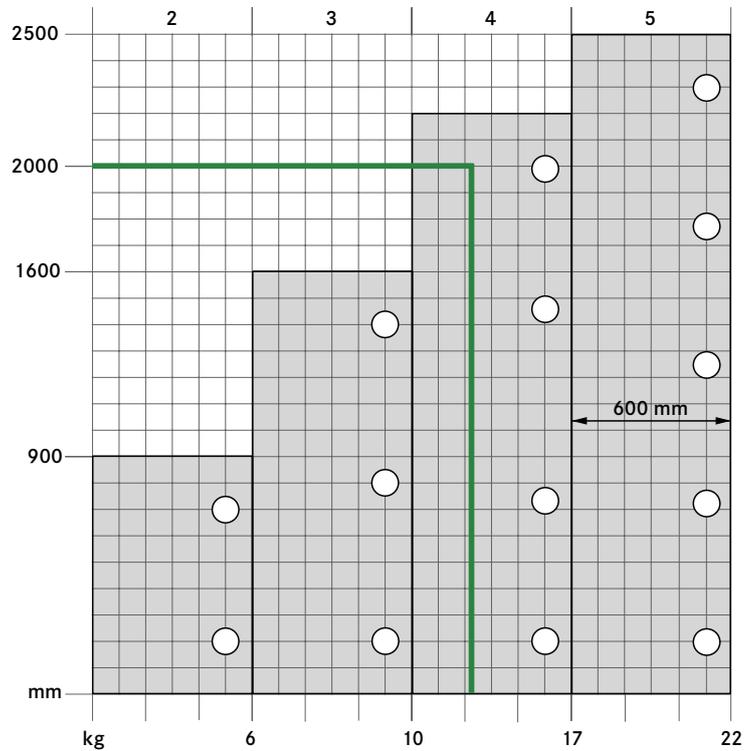
The number of hinges is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate.

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.

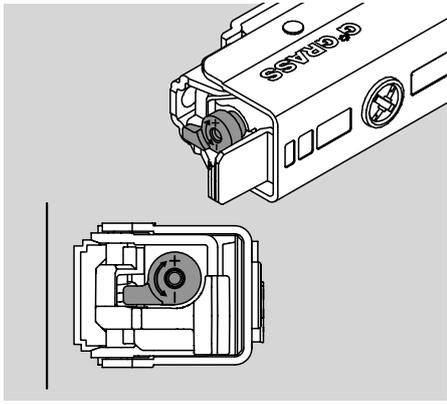
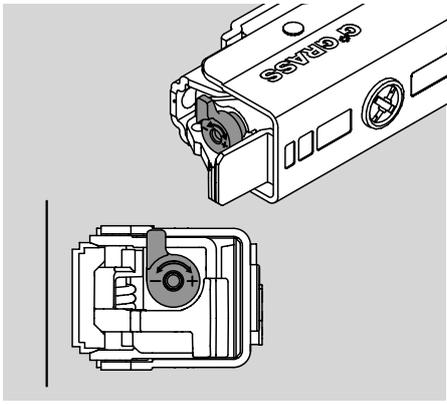
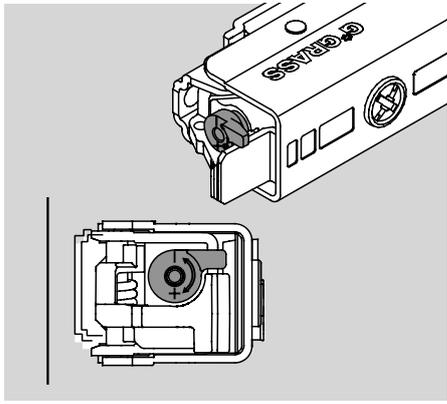
#### Example:

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)

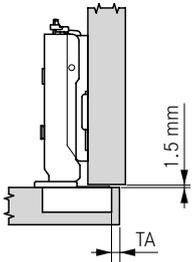
Description	Side adjustment with limit stop +/- 2mm	Convenient depth adjustment via worm gear +3/-2 mm	Height adjustment with mounting plate +/- 2 mm
<p>The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.</p> <p>When using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

DOOR REVEAL AND MINIMUM REVEAL

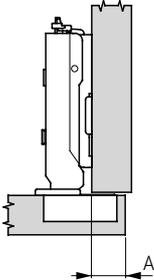
Description	Full overlay / overlay door	Half overlay door	Inset door
<p>The reveal is the distance between two doors or between the door and the cabinet side wall.</p> <p><b>The minimum reveal (F)</b> is the clearance required between two doors or between door and side wall so that the door can open 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 negative overlay.</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							

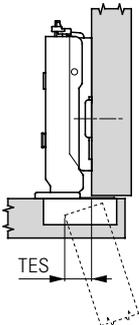
### MINIMUM GAP

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">Door thickness</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</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><b>1.0</b></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 colspan="6" style="text-align: center;"><b>Minimum gap</b></td> </tr> </tbody> </table>	Door thickness	Cup distance					3	4	5	6	7	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	<b>1.0</b>	1.0	16	1.0	1.0	1.0	1.0	1.0	<b>Minimum gap</b>					
Door thickness	Cup distance																																																																			
	3	4	5	6	7																																																															
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	<b>1.0</b>	1.0																																																															
16	1.0	1.0	1.0	1.0	1.0																																																															
<b>Minimum gap</b>																																																																				

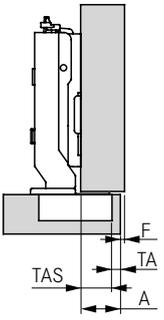
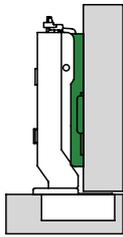
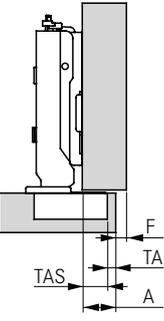
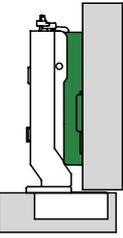
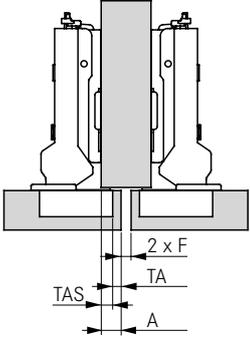
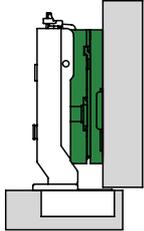
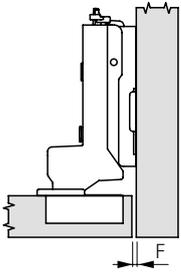
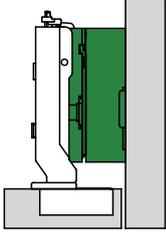
### DOOR OVERLAY

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">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>19.0</td><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td>18.0</td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>17.0</td><td></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><td></td></tr> <tr><td>16.0</td><td></td><td>0</td><td></td><td>2</td><td>3</td></tr> <tr><td>15.5</td><td></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><td></td></tr> <tr><td>14.5</td><td></td><td></td><td></td><td>3.5</td><td></td></tr> <tr><td>14.0</td><td></td><td><b>2</b></td><td>3</td><td></td><td></td></tr> <tr><td>13.5</td><td></td><td></td><td>3.5</td><td></td><td></td></tr> <tr><td>13.0</td><td>2</td><td>3</td><td></td><td></td><td></td></tr> <tr><td>12.5</td><td></td><td>3.5</td><td></td><td></td><td></td></tr> <tr><td>12.0</td><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>11.5</td><td>3.5</td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="6" style="text-align: center;"><b>Mounting plate height</b></td> </tr> </tbody> </table>	Door overlay	Cup distance					3	4	5	6	7	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		<b>2</b>	3			13.5			3.5			13.0	2	3				12.5		3.5				12.0	3					11.5	3.5					<b>Mounting plate height</b>					
Door overlay	Cup distance																																																																																																							
	3	4	5	6	7																																																																																																			
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		<b>2</b>	3																																																																																																					
13.5			3.5																																																																																																					
13.0	2	3																																																																																																						
12.5		3.5																																																																																																						
12.0	3																																																																																																							
11.5	3.5																																																																																																							
<b>Mounting plate height</b>																																																																																																								

### 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

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIOMOS

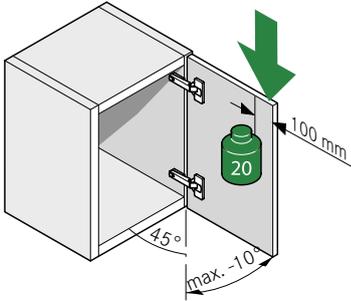
## Technical information

### TEST CRITERIA FOR HINGES

#### Functional test

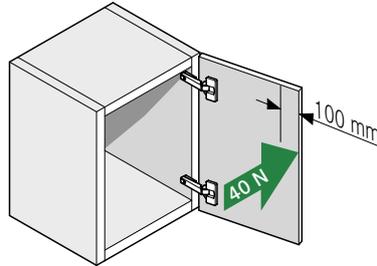
##### Static load – vertical

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



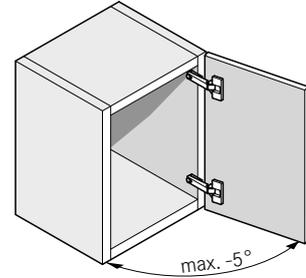
##### Static load – horizontal

Force: 40 N  
Number: 10



##### Endurance test

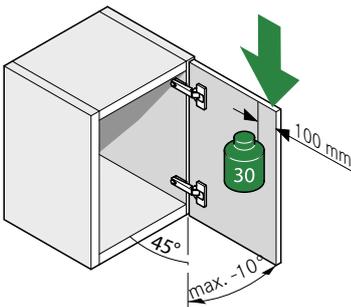
Opening angle: max.  $-5^{\circ}$   
Open and close movements: 100,000



#### Overload testing

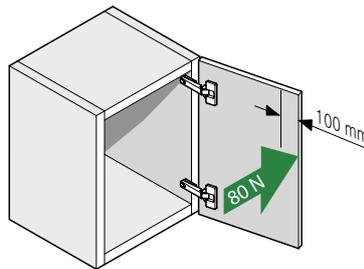
##### Vertical

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



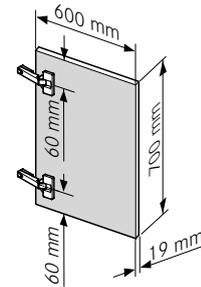
##### Horizontal

Force: 80 N  
Number: 10



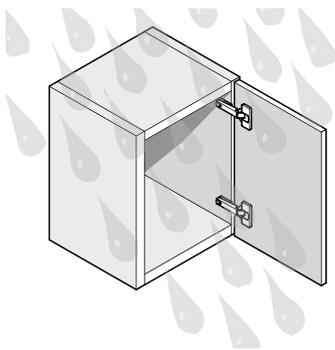
##### Test door

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.**

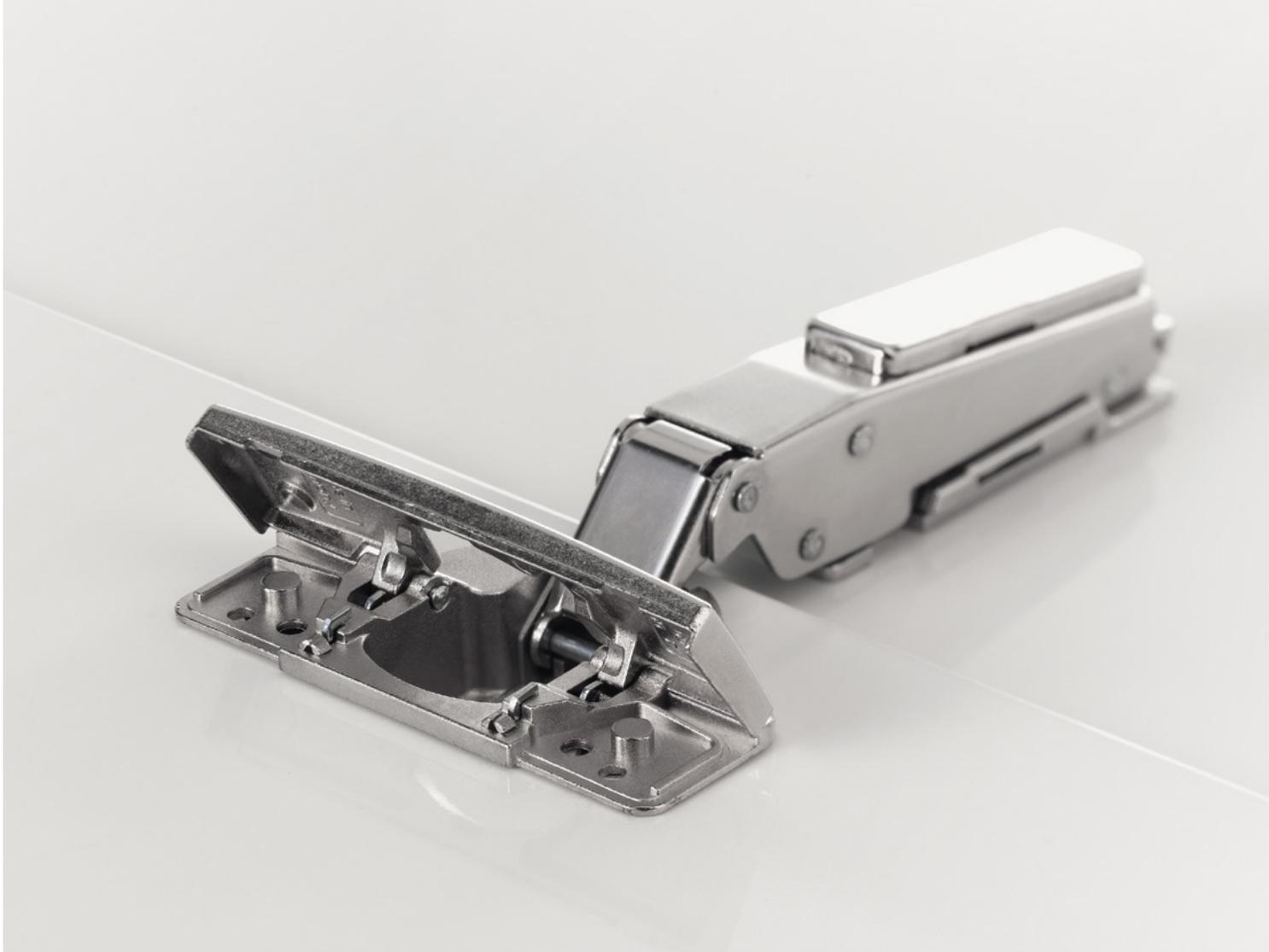
The Nexis series offers a wide  
range of options for different door  
applications in kitchen, bathroom  
and living room furniture.



# 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>103</b></span></p> <p>Hinges for fast, tool-free installation. With Click-on technology – obviously.</p>	Timos
	<p><b>NEXIS CLICK-ON</b> <span style="float: right;"><b>145</b></span></p> <p>Quick-fit hinges with tool-free Click-on technology on the cabinet side.</p>	Nexis
	<p><b>NEXIS SLIDE-ON</b> <span style="float: right;"><b>207</b></span></p> <p>Hinges with classic Slide-on technology. Reliability for long-term, everyday service.</p>	Special hinges
	<p><b>SOFT-CLOSE FOR NEXIS</b> <span style="float: right;"><b>257</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>	Single-joint hinges
	<p><b>TIPMATIC FOR NEXIS</b> <span style="float: right;"><b>269</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>	Cabinet making accessories



#### 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°	<b>Impresso 04</b>		■	■	■	■	■	106
110°	<b>Impresso 22</b>		■	■	-	■	■	108
125°	<b>Impresso 29</b>		■	■	-	■	■	110
170°	<b>Impresso 65</b>	Wide-angle hinge	■	■	-	■	■	112
95°	<b>Impresso 05</b>	Profiled door hinge	■	■	■	■	■	114
95°	<b>Impresso 05/30/2</b>	+30° angle corner cabinet hinge	-	■	-	■	-	116
95°	<b>Impresso 05/45/3</b>	+45° angle corner cabinet hinge	-	-	■	■	-	118
95°	<b>Impresso 05/45/8</b>	+45° angle corner cabinet hinge	-	■	-	■	-	120
125°	<b>Impresso 29/-14</b>	-14° angle corner cabinet hinge	-	■	-	■	-	122
125°	<b>Impresso 29/-24</b>	-24° angle corner cabinet hinge	-	■	-	-	-	124
125°	<b>Impresso 29/-45</b>	-45° angle corner cabinet hinge	-	■	-	-	-	126
95°	<b>Impresso 05/90/4</b>	Blind corner hinge	-	-	■	■	-	128

<b>Nexis Impresso mounting plates</b>	130
<b>Accessories</b>	138
<b>Technical information</b>	140
<b>Soft-close damping system</b>	257
<b>Tipmatic</b>	269
<b>Assembly aids</b>	332

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>				106
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>			-	108
125°		<b>Nexis Impresso 29</b> <ul style="list-style-type: none"> <li>• Convenient access to unit</li> <li>• Soft-close compatible</li> </ul>			-	110
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>			-	112
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>				114
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>	-		-	116
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>	-	-		118
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>	-		-	120
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>	-		-	122
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>	-		-	124
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>	-		-	126
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>	-	-		128

	<b>Nexis Impresso mounting plates</b>	130
	<b>Accessories</b> <ul style="list-style-type: none"> <li>• Hinge arm cover caps</li> <li>• Opening angle reduction clips</li> </ul>	138
	<b>Technical information</b>	140
	<b>Soft-close damping system</b>	257
	<b>Tipmatic</b>	269

# 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	Art.-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	Art.-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	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	Tipmatic Plus Impresso set	<b>F069135014</b>

	Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>
	Soft-close Impresso set	<b>F069073728</b>

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332



# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

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.

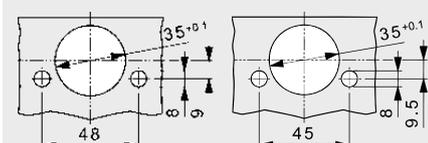
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

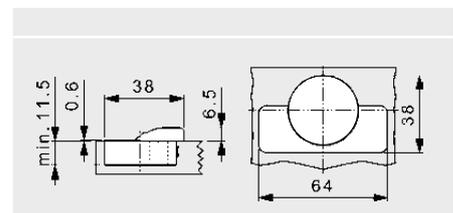
We recommend a trial fitting.

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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

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> </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																	
	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			Mounting plate height																																																													

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.

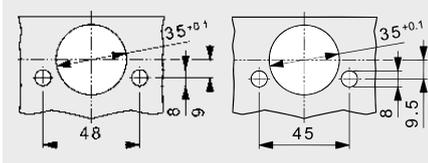
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

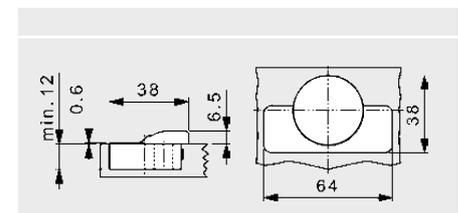
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5

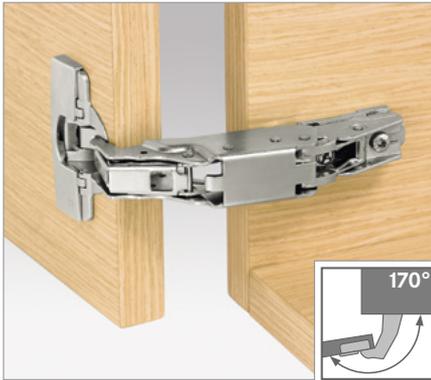


CUP DIMENSIONS



# 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	Art.-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	Art.-no.
	Tipmatic Pin for wooden and aluminium frame doors	<b>F069135396</b>
	170° Tipmatic set	<b>F069135019</b>

	Designation	Art.-no.
	170° Soft-close set	<b>F069073729</b>
	120° opening angle reduction clip, plastic, black	<b>F069073402</b>

Nexis Impresso mounting plates	130
Accessories	138

170° Soft-close	262
170° Tipmatic	274

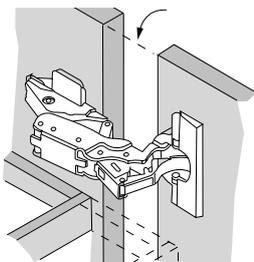
Technical information	140
Assembly aids	332

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>	
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																																																																																																																																																																													
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																																																																																																																																																																													

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.

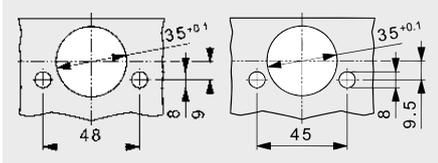
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

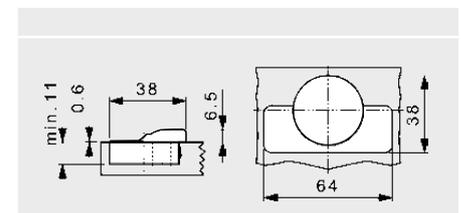
We recommend a trial fitting.

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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332



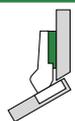
# NEXIS IMPRESSO 05/30/2

+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	Art.-no.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072511</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332



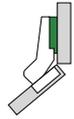
# NEXIS IMPRESSO 05/45/3

+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	Art.-no.	
		Cup	Arm			Impresso without tools	
Inset		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072512</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072515</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072528</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072526</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Pin	266
Technical information	140

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072529</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Pin	266
Technical information	140

Assembly aids	332



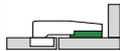
# NEXIS IMPRESSO 05/90/4

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	Art.-no.	
		Cup	Arm			Impresso without tools	
Inset		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F014072519</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Soft-close Impresso set	<b>F069073728</b>			

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332

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

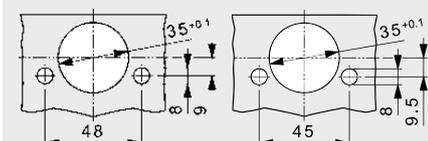
**Important:** The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

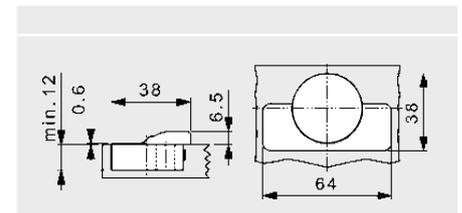
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5

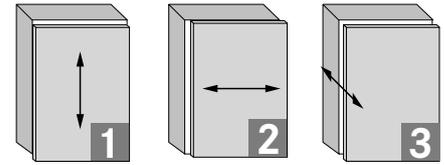
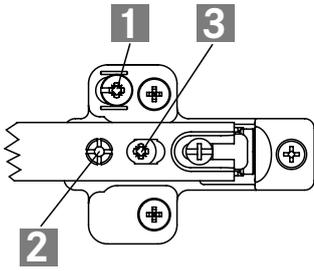


CUP DIMENSIONS



# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm

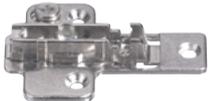
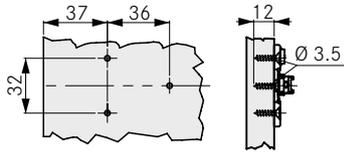
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

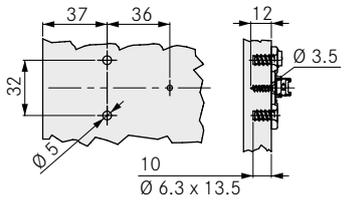
All adjustments can be carried out independently of each other.

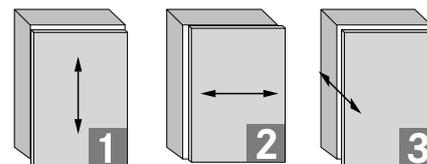
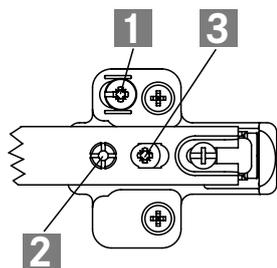
### ORDER INFORMATION

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

For screw fixing	37/32	Height	Art.-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>F061073214</b>
		2	<b>F061073215</b>
		4	<b>F061073216</b>
		6	<b>F061073217</b>
		8	<b>F061073218</b>

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

With pre-assembled Euro screws	37/32	Height	Art.-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>F061073232</b>
		2	<b>F061073233</b>
		4	<b>F061073234</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	Art.-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	Art.-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

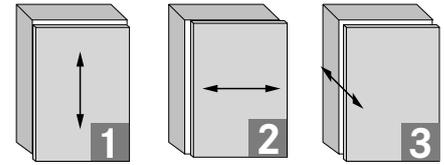
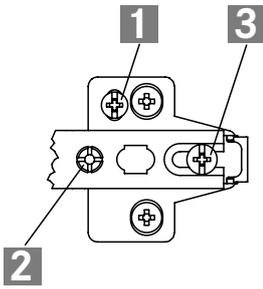
With pre-assembled Euro screws	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073236</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	Art.-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>

# 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	Art.-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

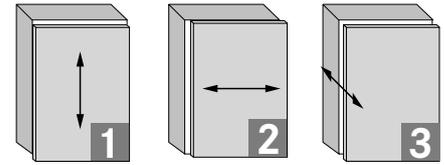
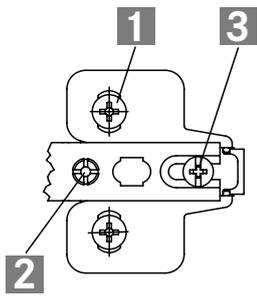
For Euro screws	37 / 32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073156</b>
		2	<b>F060073157</b>
		4	<b>F060073158</b>
		8	<b>F060073159</b>
		18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

#### SPACER PLATE, HEIGHT 3

For Euro screws	37 / 32	Height	Art.-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	Art.-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	Art.-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	<b>F060073144</b>
		2	<b>F060073145</b>
		3	<b>F060073209</b>
		4	<b>F060073146</b>

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

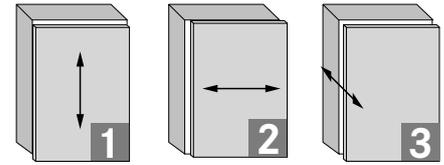
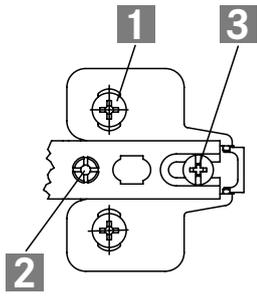
With pre-assembled Euro screws	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>• Steel, nickel-plated</li> <li>• Fixing with pre-assembled 13.5 mm long Euro screws</li> <li>• Fixing distance 37 mm</li> <li>• Hole spacing 32 mm</li> <li>• Height adjustment via slot</li> </ul>		0	<b>F060073179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

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

With pre-assembled Euro screws	37/32	Height	Art.-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	<b>F060073201</b>
		2	<b>F060073202</b>
		4	<b>F060073203</b>

# NEXIS IMPRESSO

## Mounting plates



Height adjustment  
+/-2 mm

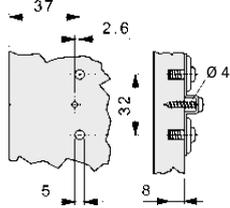
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

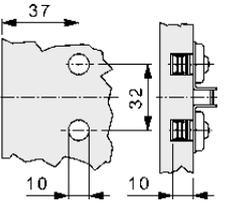
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

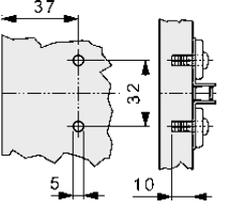
#### 1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

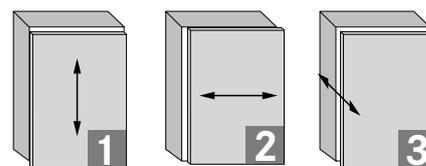
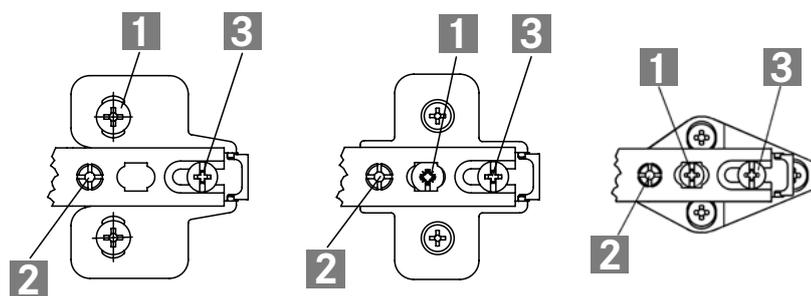
With expansion dowel	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>  <p>ⓘ Plate must not be fixed with a cordless screwdriver.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

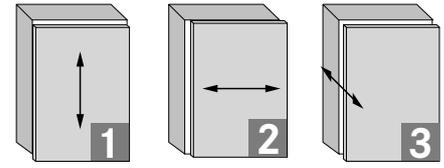
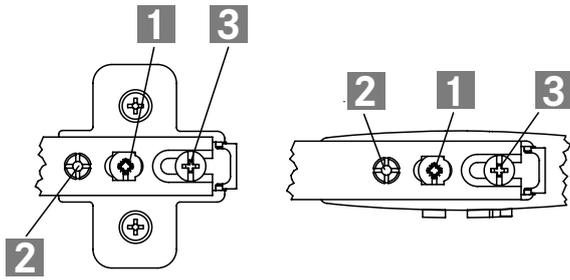
For Euro screws	28/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>• Steel/Zamak, nickel-plated</li> <li>• Fixing with Euro screws</li> <li>• Fixing distance 28 mm</li> <li>• Hole spacing 32 mm</li> <li>• Height adjustment</li> </ul>		2	<b>F060073154</b>
		4	<b>F060073155</b>

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

For Euro screws	37/25	Height	Art.-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	Art.-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

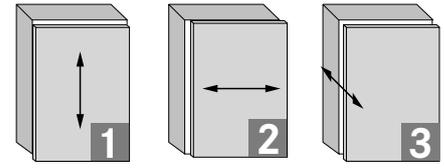
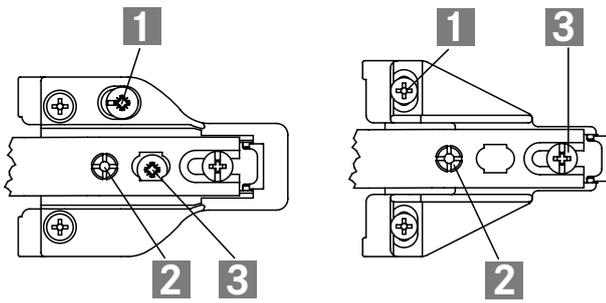
For Euro screws	X/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>For 45° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073271</b>
		4	<b>F061073272</b>

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

For screw fixing	13.5/32	Height	Art.-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	Art.-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

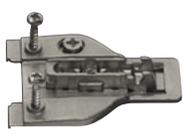
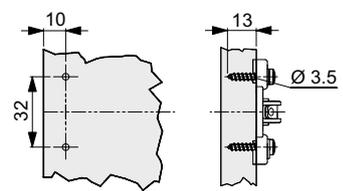
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

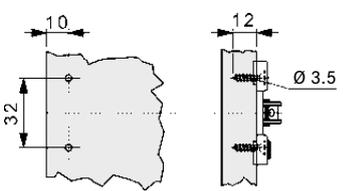
All adjustments can be carried out independently of each other.

**ORDER INFORMATION**

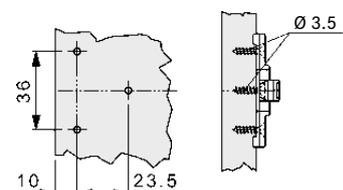
**2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION**

With pre-assembled wood screws	10/32	Height	Art.-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>F061073283</b>
		2	<b>F061073284</b>
		4	<b>F061073285</b>

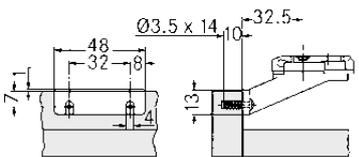
**2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION**

For screw fixing	10/32	Height	Art.-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>F061073279</b>
		2	<b>F061073280</b>
		4	<b>F061073281</b>

**SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION**

For screw fixing	10/36	Height	Art.-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>F061073275</b>
		2	<b>F061073276</b>
		4	<b>F061073277</b>

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

For screw fixing		Height	Art.-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>F061073278</b>

# NEXIS IMPRESSO

## Accessories

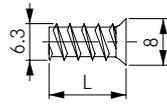
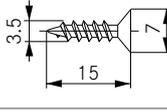
### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-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			Art.-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			Art.-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

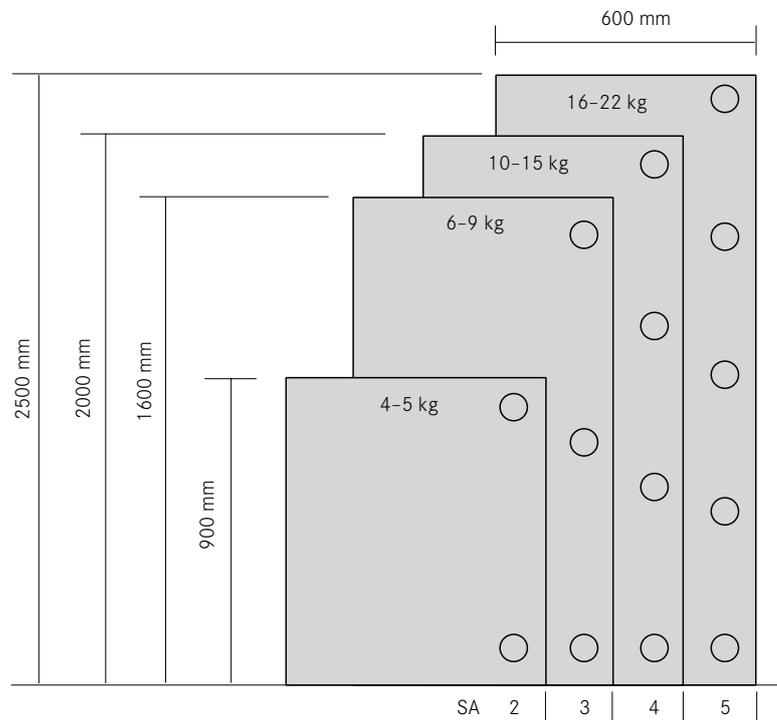
## Technical information

### 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  $\varnothing$  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.



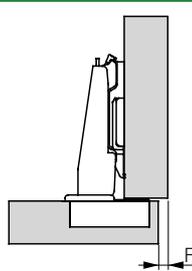
### DOOR REVEAL AND MINIMUM REVEAL

#### Description

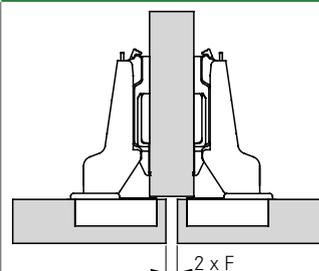
The reveal is the distance between two doors or between the door and the cabinet side wall.

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.

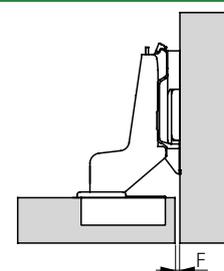
#### Full overlay door



#### 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**.

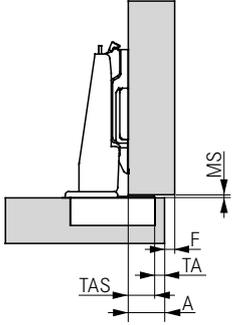
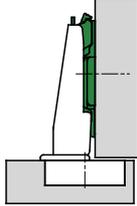
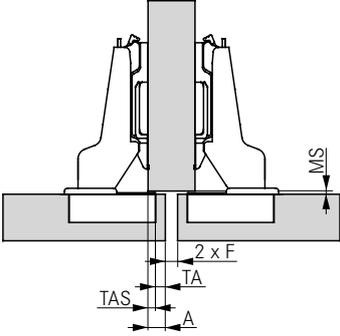
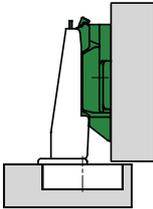
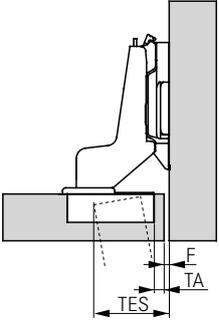
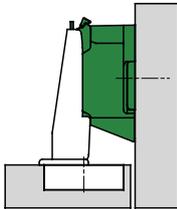
Door reveal	Cup distance				Mounting plate height
	3	4	5	6	
15					
0		2	3	4	
1	2	3	4		
2	3	4			



# NEXIS IMPRESSO

## Technical information

### OPTIONS FOR CHANGING THE DOOR OVERLAY

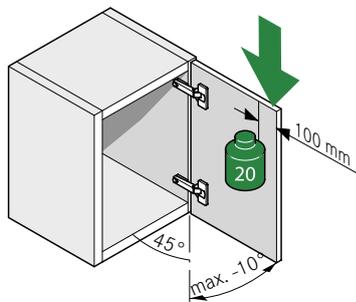
By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full 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

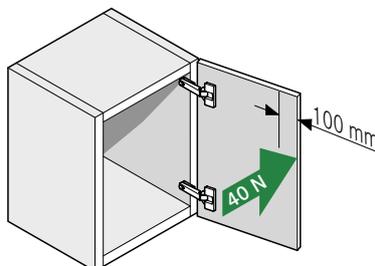
**Static load - vertical**

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



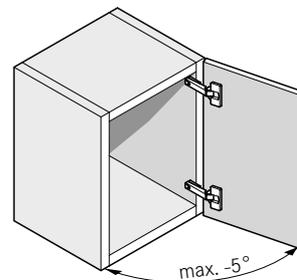
**Static load - horizontal**

Force: 40 N  
Number: 10



**Endurance test**

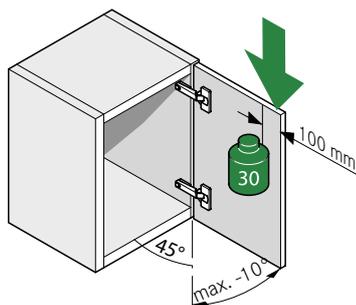
Opening angle: max. -5°  
Open and close movements: 100,000



Overload testing

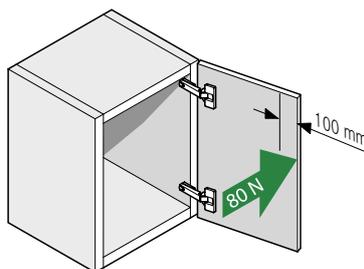
**Vertical**

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



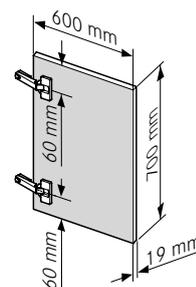
**Horizontal**

Force: 80 N  
Number: 10



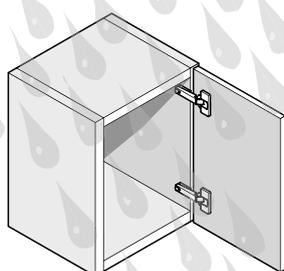
**Test door**

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2



Timos

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		■	■	■	■	■	148
110°	Click-on 22		■	■	-	■	■	150
125°	Click-on 29		■	■	-	■	-	152
170°	Click-on 65	Wide-angle hinge	■	■	-	■	■	154
95°	Click-on 05	Profiled door hinge	■	■	■	■	■	156
95°	Click-on 25	Profiled door hinge	■	■	■	-	-	158
95°	Click-on 05/20/6	+20° angle corner cabinet hinge	-	■	-	■	-	160
95°	Click-on 05/30/2	+30° angle corner cabinet hinge	-	■	-	■	-	162
95°	Click-on 05/30/16	+30° angle corner cabinet hinge	-	-	■	■	-	164
95°	Click-on 05/45/3	+45° angle corner cabinet hinge	-	-	■	■	■	166
95°	Click-on 05/45/8	+45° angle corner cabinet hinge	-	■	-	■	-	168
125°	Click-on 29/-14	-14° angle corner cabinet hinge	-	■	-	■	-	170
125°	Click-on 29/-24	-24° angle corner cabinet hinge	-	■	-	-	-	172
125°	Click-on 29/-45	-45° angle corner cabinet hinge	-	■	-	-	-	174
95°	Click-on 05/90/4	Blind corner hinge	-	-	■	■	■	176
-	Click-on PCC	Pie-cut corner hinge	-	-	■	-	-	178
95°	Click-on 17	Mini-hinge	■	■	-	■	-	180
95°	Click-on 17 AL	Aluminium frame hinge	■	■	■	■	-	182
95°	Click-on 17 Flexible	Aluminium frame hinge	■	■	■	-	-	184
95°	Click-on 17 GL	Glass door hinge	■	■	■	-	-	186
128°	Click-on 07 Mirro	Mirror and glass door hinge	■	■	■	■	■	188
128°	Click-on 07/-15 Mirro	Mirror and glass door hinge	■	■	■	■	■	190

Nexis Click-on mounting plates	192
Accessories	200
Technical information	202
Soft-close damping system	257
Tipmatic	269
Assembly aids	332

Timos

Nexis

Special hinges

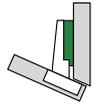
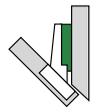
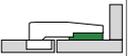
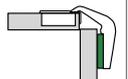
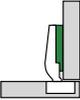
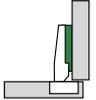
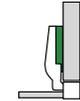
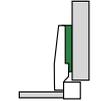
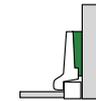
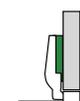
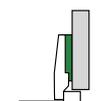
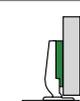
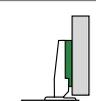
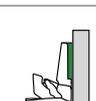
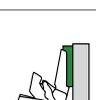
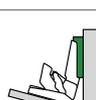
Single-joint hinges

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>				148
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>			-	150
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>			-	152
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>			-	154
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>				156
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>				158
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>	-		-	160
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>	-		-	162
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>	-	-		164
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>	-	-		166
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>	-		-	168
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>	-		-	170

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
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>	-		-	172
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>	-		-	174
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>	-	-		176
-		<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>	-	-		178
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>			-	180
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>				182
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>				184
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>				186
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>				188
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>	-			190
		<b>Nexis Click-on mounting plates</b>				192

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332



# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8						
Mounting plate height 2			Mounting plate height 2								
Door overlay	0 Cup distance					Door overlay	8 Cup distance				
	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					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.

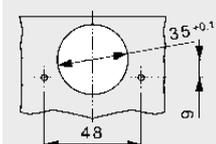
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

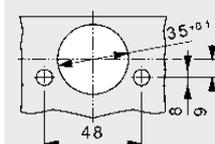
We recommend a trial fitting.

DRILLING PATTERNS

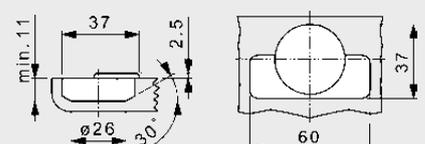
Screw fixing



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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332



# 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	Art.-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	Art.-no.
	170° Tipmatic Plus set	<b>F069135019</b>
	170° Soft-close	<b>F069073729</b>

	Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

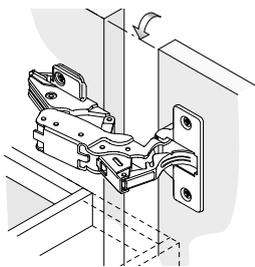
Technical information	202
Assembly aids	332

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>2</td></tr> <tr><td>19</td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>3</td></tr> <tr><td>18</td><td></td><td></td><td>0</td><td></td><td></td><td></td><td>2</td><td>4</td></tr> <tr><td>17</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>16</td><td>0</td><td></td><td>2</td><td></td><td>3</td><td></td><td></td><td></td></tr> <tr><td>15</td><td></td><td>2</td><td>3</td><td></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><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		2	19					0			3	18			0				2	4	17		0							16	0		2		3				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></td><td>0</td><td></td></tr> <tr><td>11</td><td></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></td><td></td><td>0</td><td></td><td>2</td><td>3</td></tr> <tr><td>9</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td>3</td><td>4</td></tr> <tr><td>8</td><td>0</td><td></td><td>2</td><td></td><td>3</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td>2</td><td>3</td><td></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><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					3	4	8	0		2		3				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>	
Door overlay	Cup distance																																																																																																																																																																																																																																					
	3	4	5	6	7	8																																																																																																																																																																																																																																
21								0																																																																																																																																																																																																																														
20						0		2																																																																																																																																																																																																																														
19					0			3																																																																																																																																																																																																																														
18			0				2	4																																																																																																																																																																																																																														
17		0																																																																																																																																																																																																																																				
16	0		2		3																																																																																																																																																																																																																																	
15		2	3		4																																																																																																																																																																																																																																	
14	2	3	4																																																																																																																																																																																																																																			
13	3	4																																																																																																																																																																																																																																				
12	4																																																																																																																																																																																																																																					
	Mounting plate height																																																																																																																																																																																																																																					
Door overlay	Cup distance																																																																																																																																																																																																																																					
	3	4	5	6	7	8																																																																																																																																																																																																																																
13								0																																																																																																																																																																																																																														
12							0																																																																																																																																																																																																																															
11						0		2																																																																																																																																																																																																																														
10					0		2	3																																																																																																																																																																																																																														
9		0					3	4																																																																																																																																																																																																																														
8	0		2		3																																																																																																																																																																																																																																	
7		2	3		4																																																																																																																																																																																																																																	
6	2	3	4																																																																																																																																																																																																																																			
5	3	4																																																																																																																																																																																																																																				
	Mounting plate height																																																																																																																																																																																																																																					

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	
18	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	
	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.

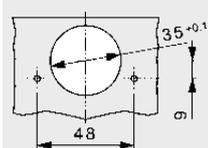
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

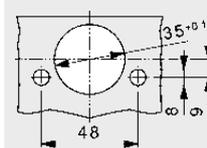
We recommend a trial fitting.

DRILLING PATTERNS

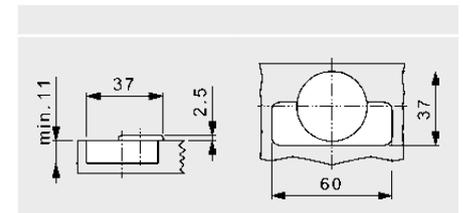
Screw fixing



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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332



# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Pin	266
Technical information	202

Assembly aids	332

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.

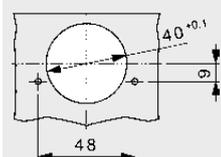
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

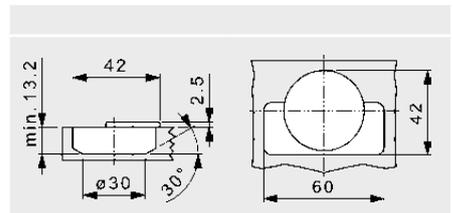
We recommend a trial fitting.

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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072754</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072747</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332



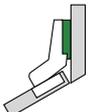
# NEXIS CLICK-ON 05/30/16

+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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072771</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>
	Soft-close Click-on set	<b>F069073714</b>

	Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>
	Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332



# NEXIS CLICK-ON 05/45/3

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

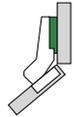


- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- 3-dimensional adjustment with appropriate mounting plate

#### 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	Art.-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	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072757</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072834</b>	

## COVER CAP

	Designation	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	<b>F069073534</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332

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				

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

MINIMUM GAP

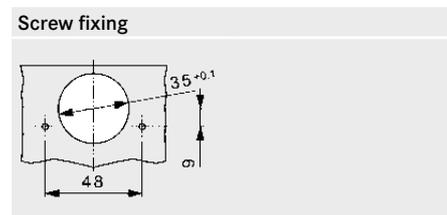
Door thickness	Cup distance				Minimum gap
	3	4	5	6	
16	0.5	1.0	1.8	2.6	
18	1.3	2.1	2.9	3.7	
19	1.9	2.7	3.5	4.3	
20	2.4	3.2	4.0	4.8	

NOTES

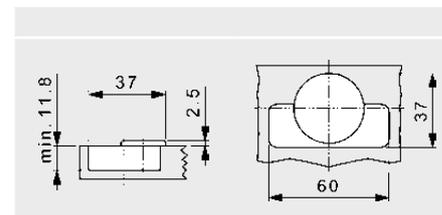
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

We recommend a trial fitting.

DRILLING PATTERNS



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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072829</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>

	Designation	Art.-no.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>

Nexis Click-on mounting plates	192
Accessories	200

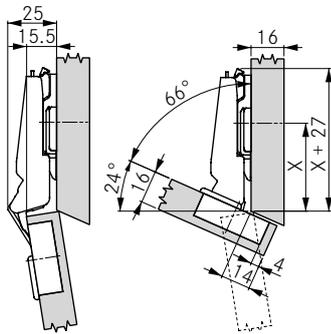
Soft-close Pin	266
Technical information	202

Assembly aids	332

INSTALLATION INFORMATION

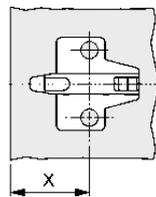
All dimensions in millimetres

Half overlay



Mounting plate height 2

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
18				0	
17			0		
16		0		2	
15	0		2	3	
14		2	3	4	
13	2	3	4		
12	3	4			
11	4				



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
	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	

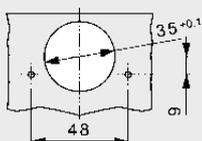
NOTES

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.

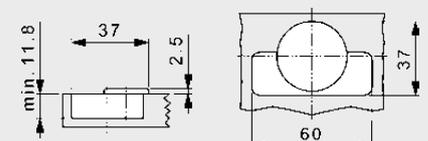
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



# NEXIS CLICK-ON 29/-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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F015072835</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

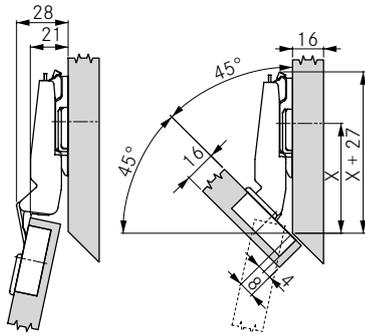
Soft-close Pin	266
Technical information	202

Assembly aids	332

INSTALLATION INFORMATION

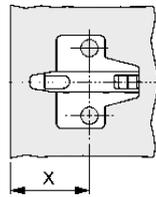
All dimensions in millimetres

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

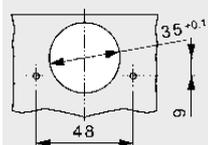
Door thickness	Cup distance				Minimum gap
	3	4	5	6	
16	0.5	1.0	1.8	2.6	
18	1.3	2.1	2.9	3.7	
19	1.9	2.7	3.5	4.3	
20	2.4	3.2	4.0	4.8	

NOTE

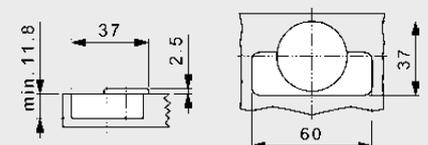
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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	Art.-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	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332

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

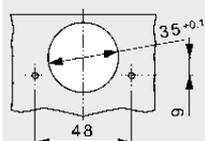
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

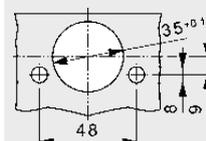
We recommend a trial fitting.

DRILLING PATTERNS

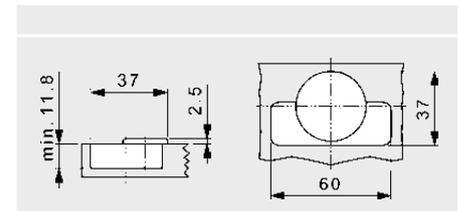
Screw fixing



Press fitting



CUP DIMENSIONS



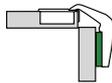
# NEXIS CLICK-ON PCC

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	Art.-no.	
		Cup	Arm			Click-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072858</b>	

## COVER CAP

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

## ACCESSORIES

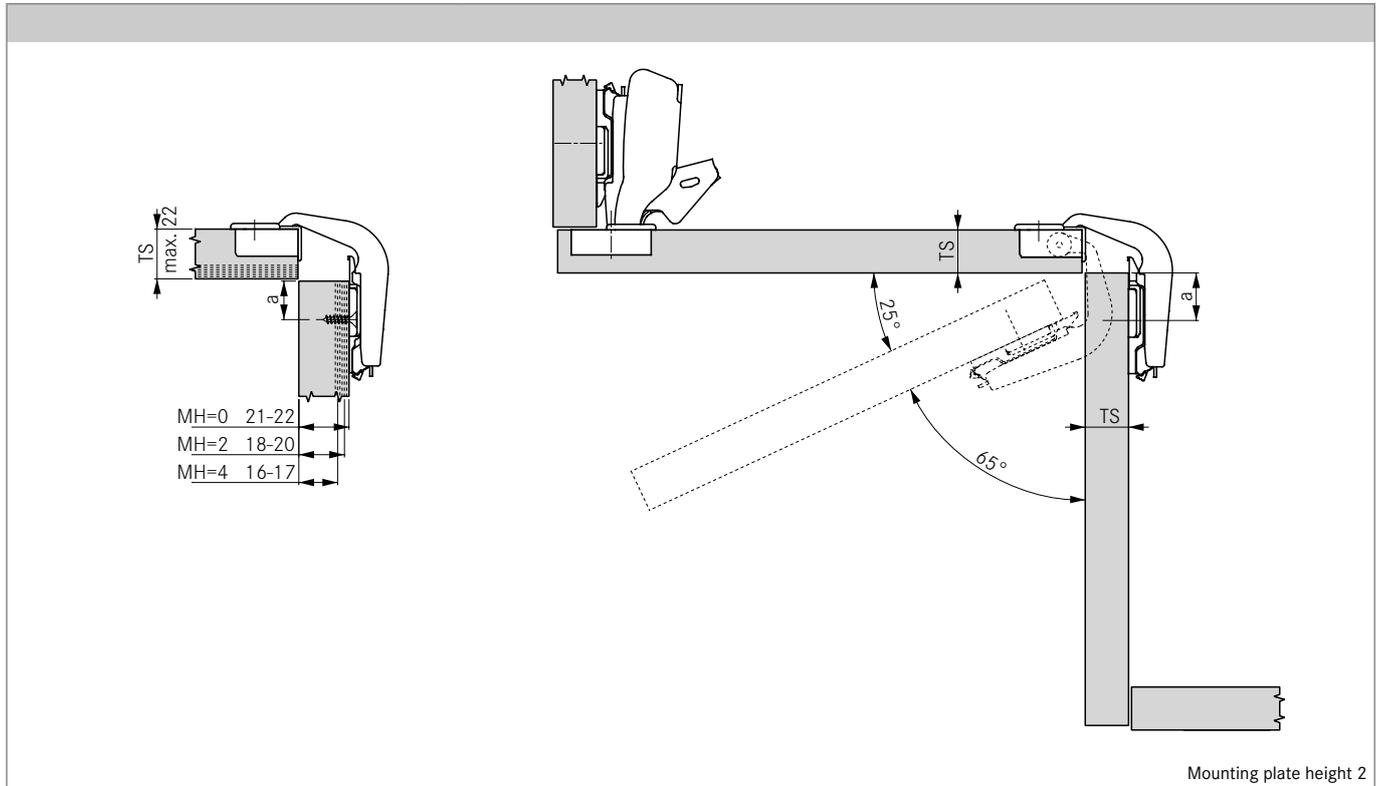
	Designation	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	192
Accessories	200

Technical information	202
Assembly aids	332


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)			

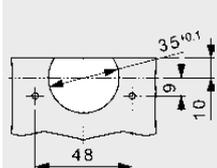
NOTES

Hinge dimensions and reveal calculation with factory setting.

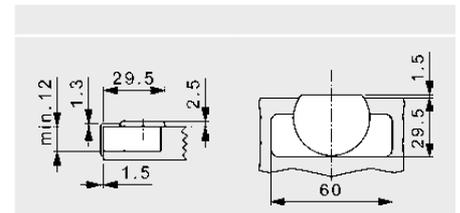
We recommend a trial fitting.

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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Click-on mounting plates	192
Accessories	200

Technical information	202
Assembly aids	332


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.

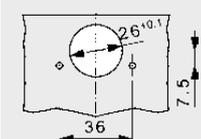
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

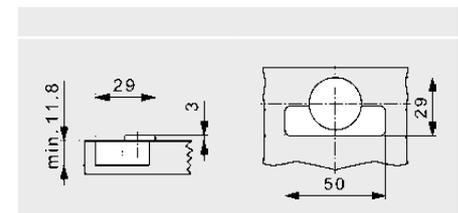
We recommend a trial fitting.

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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	M 3 x 6 screw	<b>F069073405</b>			

Nexis Click-on mounting plates	192
Accessories	200

Technical information	202
Assembly aids	332


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	
	16	3	9	2	
	15	4	8	3	1
			7	4	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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	192
Accessories	200

Soft-close Pin	266
Technical information	202

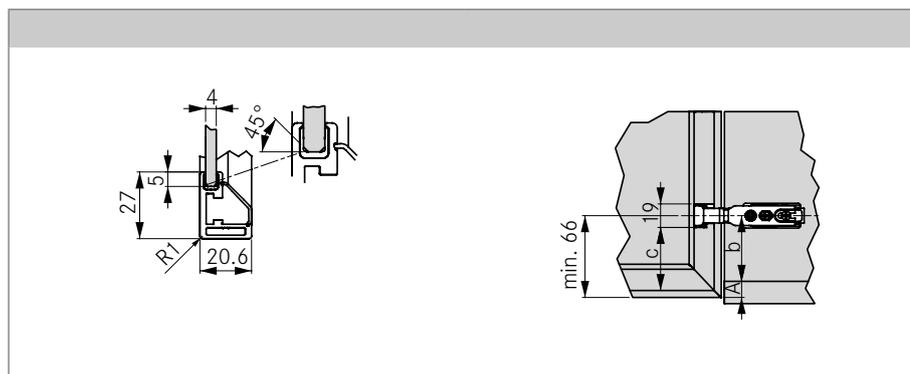
Assembly aids	332
---------------	-----

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			<td>8</td> <td></td> <td></td> <td></td> <td></td>		8				
Door overlay	11	0							
	9	2							
	8	3							
	7	4							
Mounting plate height			<td>15</td> <td></td> <td></td> <td></td> <td></td>		15				
Door reveal	1	4							
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

Timos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-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	Art.-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	Art.-no.
	Soft-close Pin	<b>F069066528</b>

	Designation	Art.-no.

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Pin	266
Technical information	202

Assembly aids	332

INSTALLATION INFORMATION

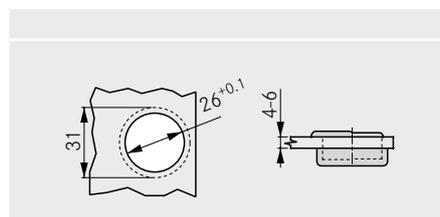
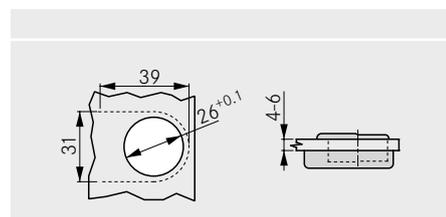
All dimensions in millimetres

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 reveal	Cup distance					
	0	4	5	6	8	4		5	6	15	4	5	6
	19			0	11				0	0	2	3	4
	18		0		10			0		9	0	2	
	17	0		2	9	0			2	8		2	3
	16		2	3	8			2	3	7	2	3	4
	15	2	3	4	7	2		3	4	6	3	4	
	14	3	4		6	3		4		5	4		
	13	4			5	4							
		Mounting plate height							Mounting plate height				

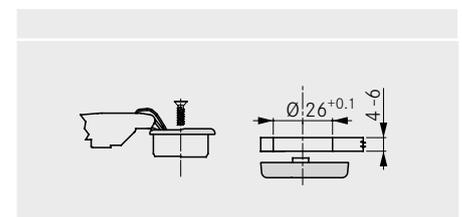
NOTE

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	Art.-no.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072861</b>	
				-	<b>F015072863</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.
	Tipmatic Pin for glass/mirror doors	<b>F069135396</b>
	Tipmatic Plus Mirro set	<b>F069073746</b>
	Soft-close Pin	<b>F069066528</b>

	Designation	Art.-no.
	Soft-close Mirro	<b>F069073711</b>
	Mirro adapter stainless steel	<b>F069073731</b>
	Mirro cover sticker, matt silver for Mirro adapter	<b>F069073733</b>

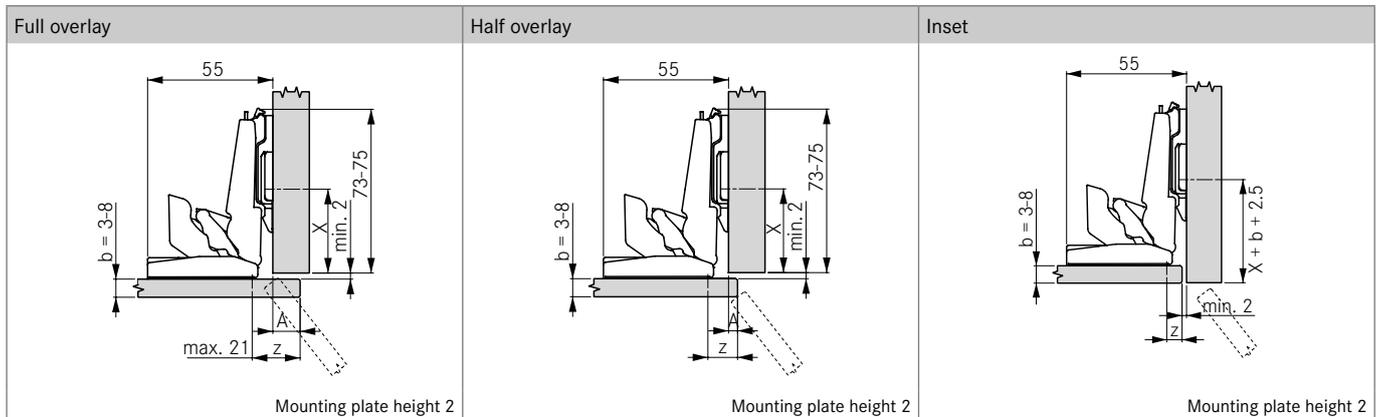
Nexis Click-on mounting plates	192
Accessories	200

Soft-close Mirro	264
Tipmatic Plus Mirro	276

Technical information	202
Assembly aids	332

INSTALLATION INFORMATION

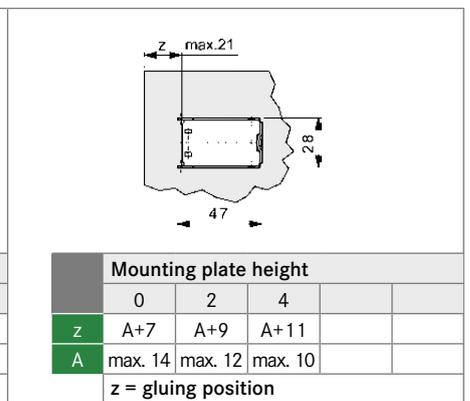
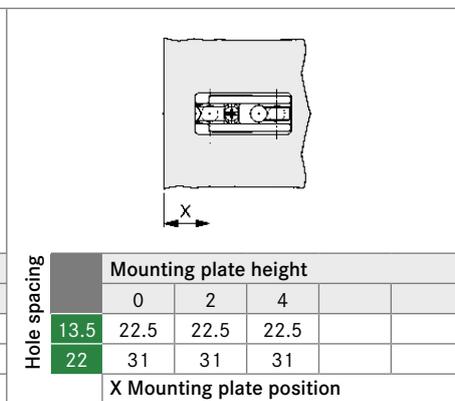
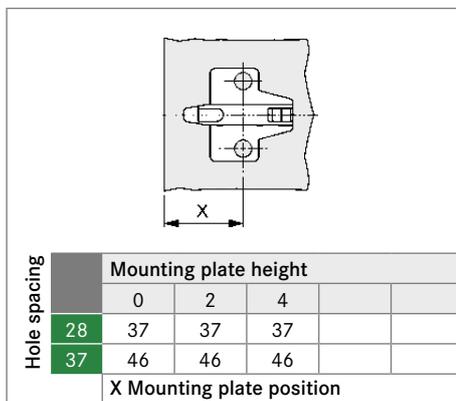
All dimensions in millimetres



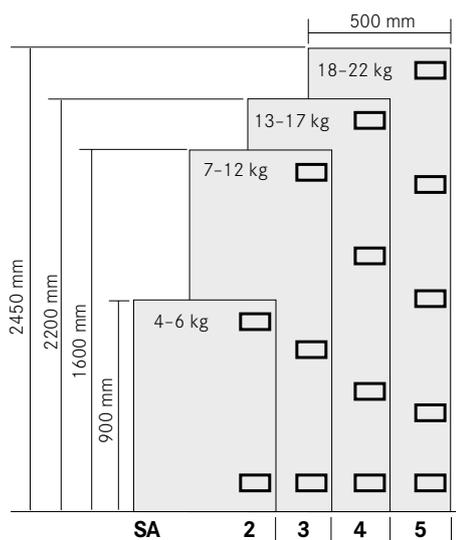
CROSS MOUNTING PLATE

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	Art.-no.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F015072862</b>	
				-	<b>F015072864</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.
	Tipmatic Pin for glass/mirror doors	<b>F069135396</b>
	Tipmatic Plus Mirro set	<b>F069073746</b>
	Soft-close Pin	<b>F069066528</b>

	Designation	Art.-no.
	Soft-close Mirro	<b>F069073711</b>
	Mirro adapter stainless steel	<b>F069073731</b>
	Mirro cover sticker, matt silver for Mirro adapter	<b>F069073733</b>

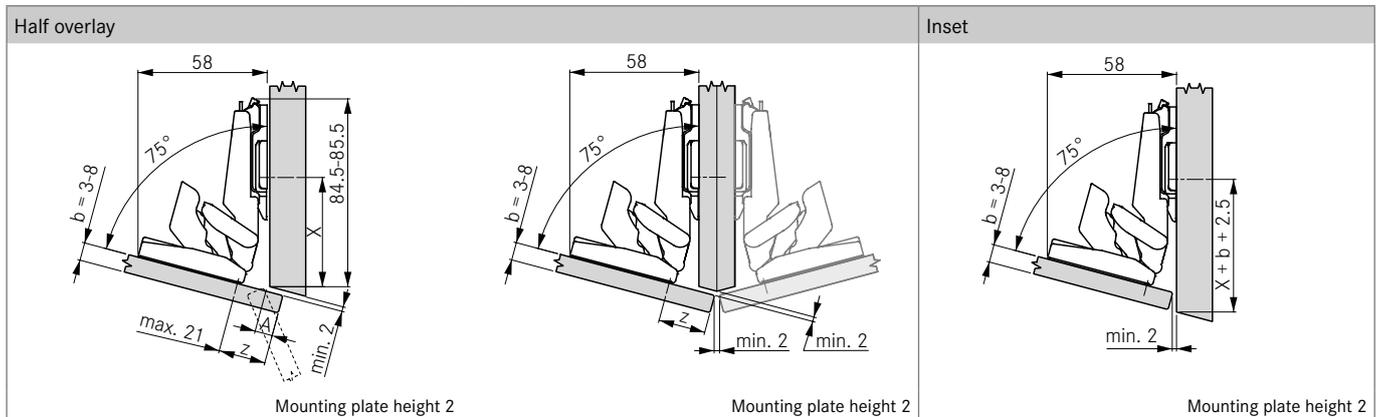
Nexis Click-on mounting plates	192
Accessories	200

Soft-close Mirro	264
Tipmatic Plus Mirro	276

Technical information	202
Assembly aids	332

INSTALLATION INFORMATION

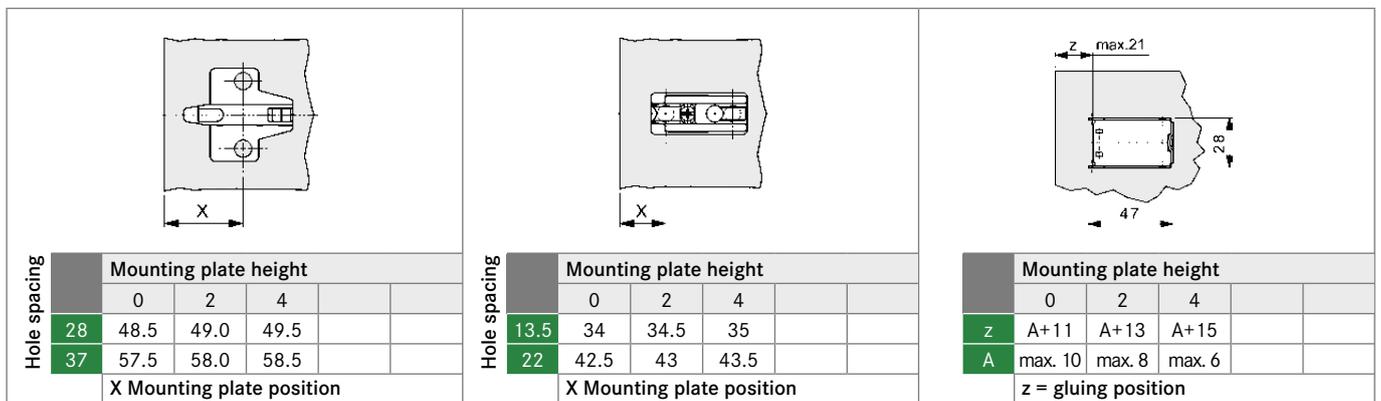
All dimensions in millimetres



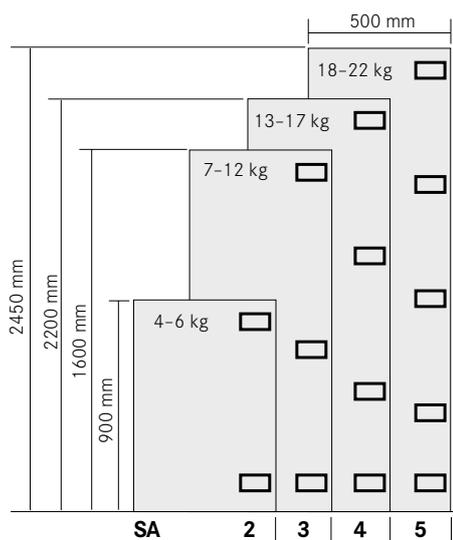
CROSS MOUNTING PLATE

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 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.

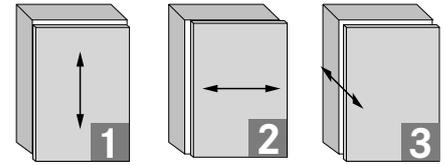
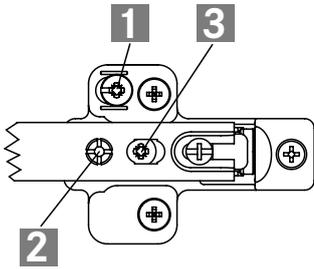
**Installation advice:** Please contact your glass or door supplier regarding the selection and application of the adhesive for fixing the hinge seat to mirror or glass doors.

**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

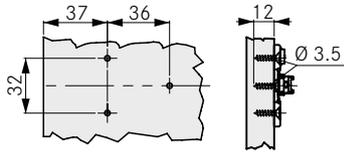
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

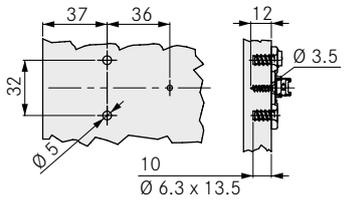
All adjustments can be carried out independently of each other.

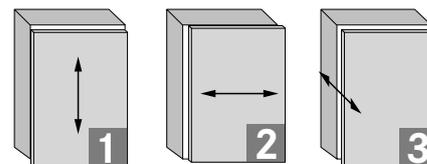
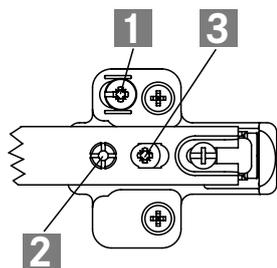
### ORDER INFORMATION

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

For screw fixing	37/32	Height	Art.-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>F061073214</b>
		2	<b>F061073215</b>
		4	<b>F061073216</b>
		6	<b>F061073217</b>
		8	<b>F061073218</b>

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

With pre-assembled Euro screws	37/32	Height	Art.-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>F061073232</b>
		2	<b>F061073233</b>
		4	<b>F061073234</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	Art.-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	Art.-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

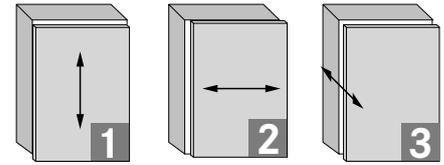
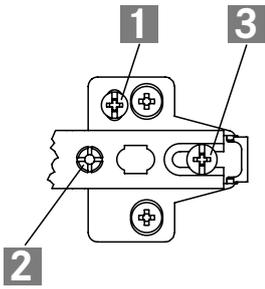
With pre-assembled Euro screws	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with pre-assembled Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height and depth adjustment via a cam</li> </ul>		0	<b>F06 1073236</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	Art.-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>

# 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	Art.-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

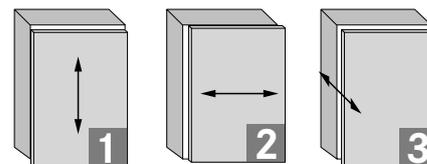
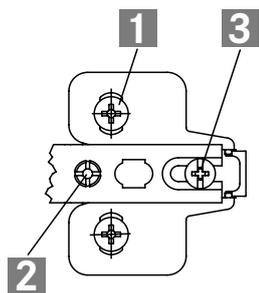
For Euro screws	37 / 32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F060073156</b>
		2	<b>F060073157</b>
		4	<b>F060073158</b>
		8	<b>F060073159</b>
		18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

#### SPACER PLATE, HEIGHT 3

For Euro screws	37 / 32	Height	Art.-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	Art.-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	Art.-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	<b>F060073144</b>
		2	<b>F060073145</b>
		3	<b>F060073209</b>
		4	<b>F060073146</b>

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

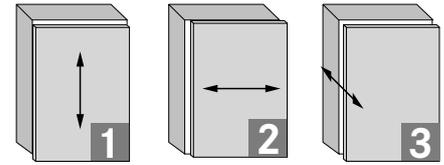
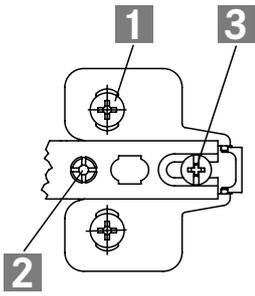
With pre-assembled Euro screws	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with pre-assembled 13.5 mm long Euro screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>		0	<b>F060073179</b>
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

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

With pre-assembled Euro screws	37/32	Height	Art.-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	<b>F060073201</b>
		2	<b>F060073202</b>
		4	<b>F060073203</b>

# NEXIS CLICK-ON

## Mounting plates



Height adjustment  
+/-2 mm

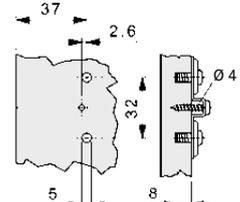
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

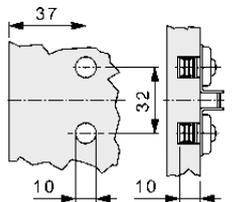
All adjustments can be carried out independently of each other.

### ORDER INFORMATION

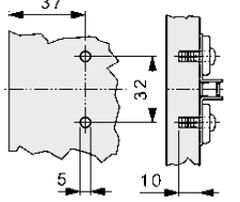
#### 1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

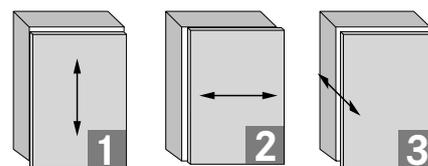
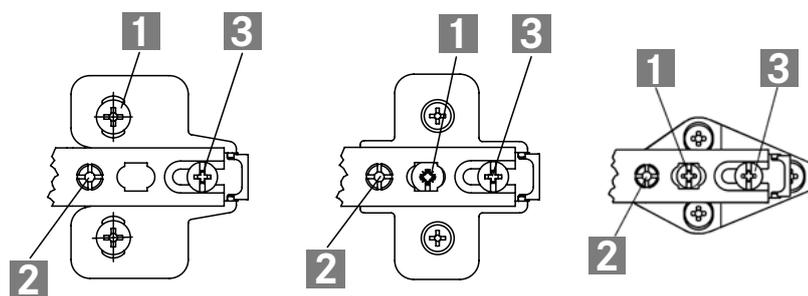
With expansion dowel	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel, nickel-plated</li> <li>Fixing with 5 mm expansion dowels</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment via slot</li> </ul>  <p>ⓘ Plate must not be fixed with a cordless screwdriver.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

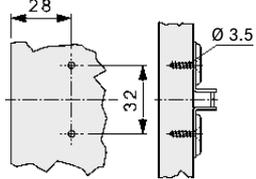
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

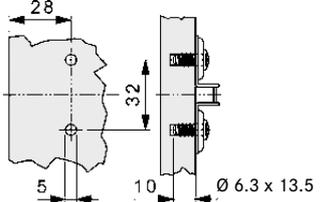
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

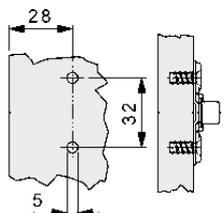
### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For screw fixing	28/32	Height	Art.-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>

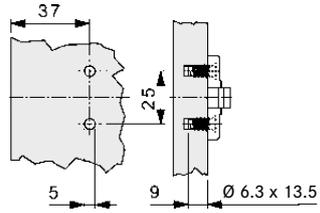
### 1-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

With pre-assembled Euro screws	28/32	Height	Art.-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

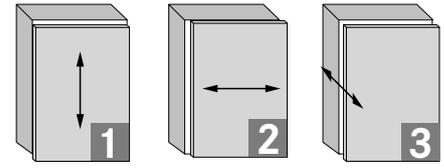
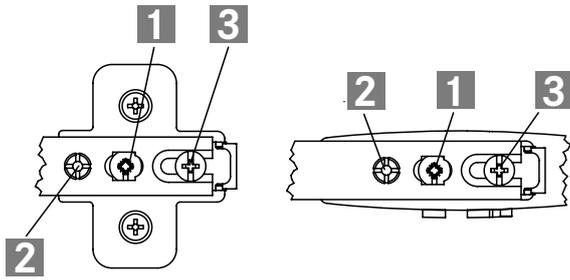
For Euro screws	28/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Fixing distance 28 mm</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul> 		2	<b>F060073154</b>
		4	<b>F060073155</b>

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

For Euro screws	37/25	Height	Art.-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 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	Art.-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

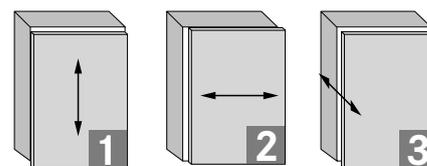
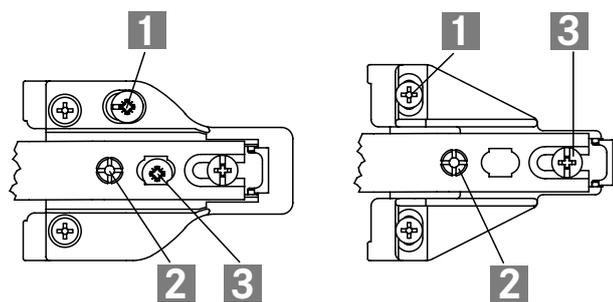
For Euro screws	X/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>For 45° opening angle</li> <li>Zamak, nickel-plated</li> <li>Fixing with Euro screws</li> <li>Hole spacing 32 mm</li> <li>Height adjustment</li> </ul>		2	<b>F061073271</b>
		4	<b>F061073272</b>

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

For screw fixing	13.5/32	Height	Art.-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	Art.-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

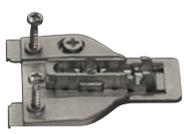
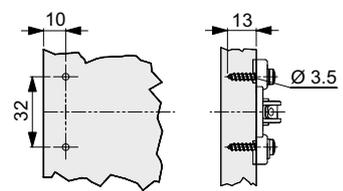
Side adjustment  
+1/-3 mm

Depth adjustment  
+3/-1 mm

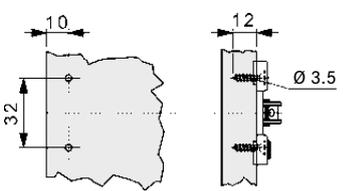
All adjustments can be carried out independently of each other.

## ORDER INFORMATION

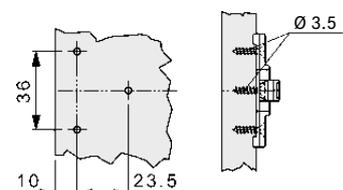
### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

With pre-assembled wood screws	10/32	Height	Art.-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>F061073283</b>
		2	<b>F061073284</b>
		4	<b>F061073285</b>

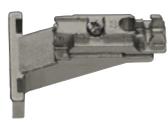
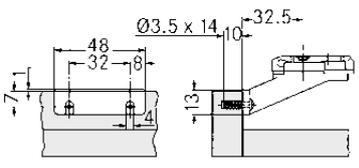
### 2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/32	Height	Art.-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>F061073279</b>
		2	<b>F061073280</b>
		4	<b>F061073281</b>

### SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/36	Height	Art.-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>F061073275</b>
		2	<b>F061073276</b>
		4	<b>F061073277</b>

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

For screw fixing		Height	Art.-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>F061073278</b>

# NEXIS CLICK-ON

## Accessories

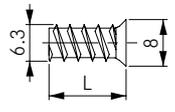
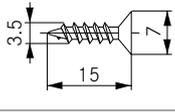
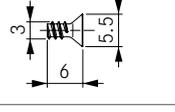
### COVER CAPS

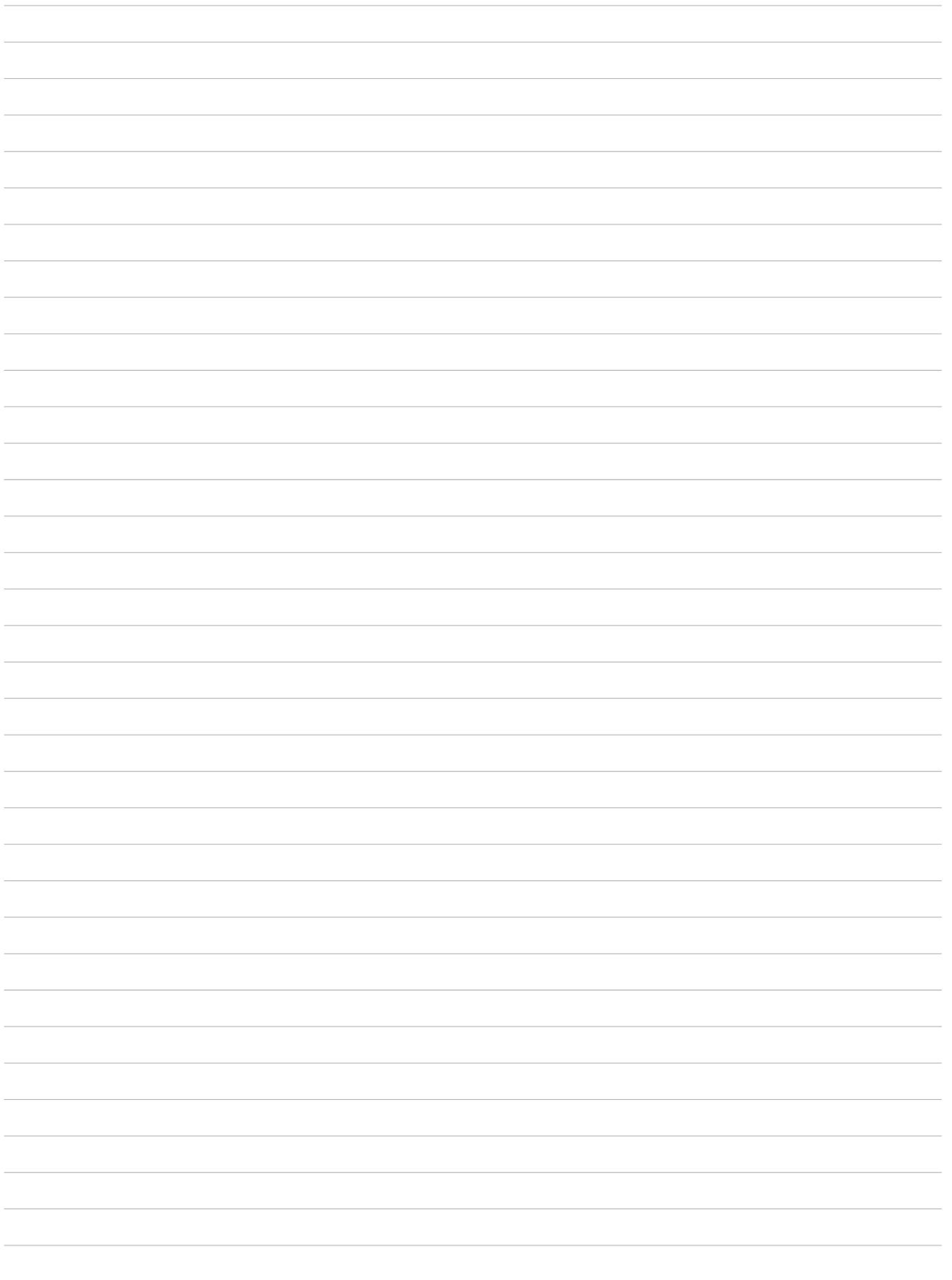
	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	<b>F069073548</b>
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, 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			Art.-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			Art.-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>



Tiomos

Nexis

Special  
hinges

Single-joint  
hinges

Cabinet making  
accessories

# NEXIS CLICK-ON

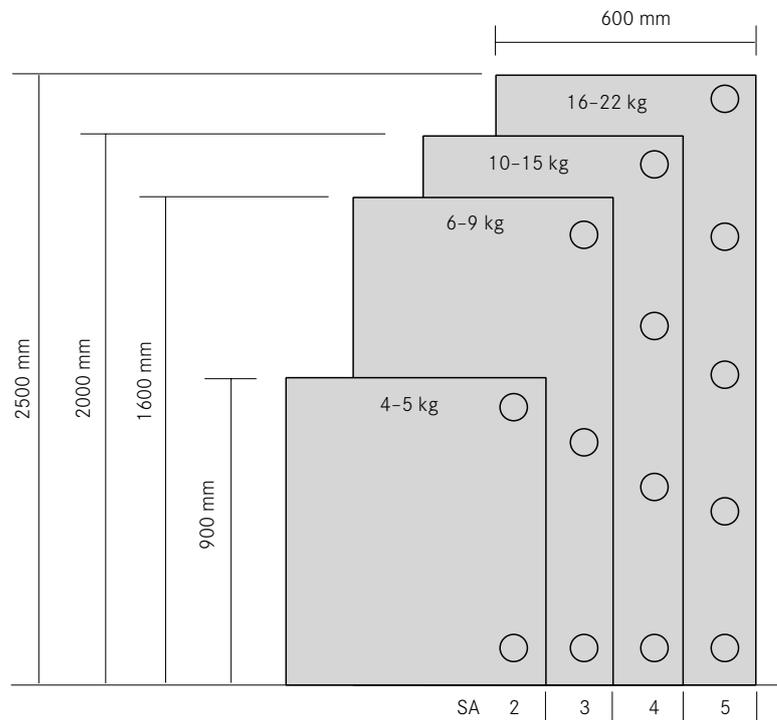
## Technical information

### 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.



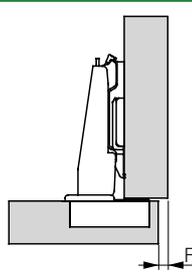
### DOOR REVEAL AND MINIMUM REVEAL

#### Description

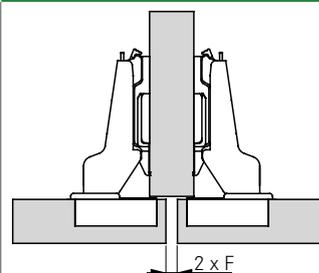
The reveal is the distance between two doors or between the door and the cabinet side wall.

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.

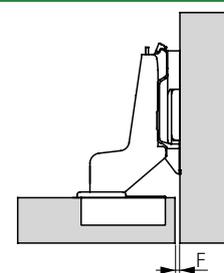
#### Full overlay door



#### 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

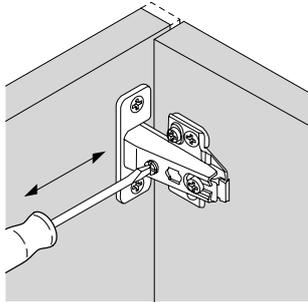
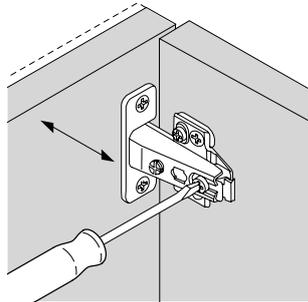
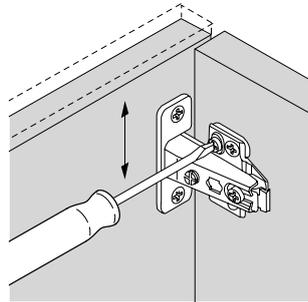
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

#### Example:

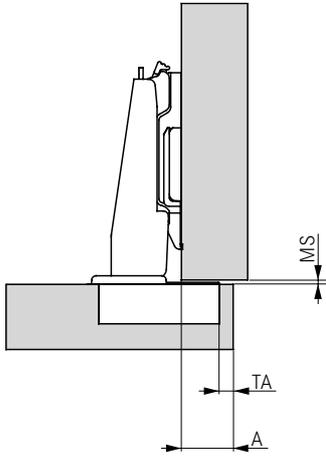
For a **cup distance of 4 mm** and a **mounting plate height of 3 mm** the reveal width is **1 mm**.

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

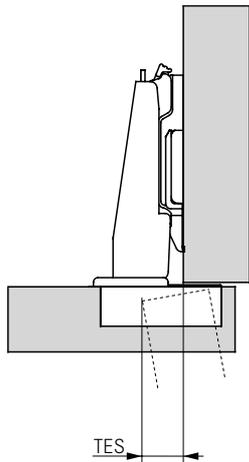
ADJUSTMENTS

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 <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>26</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></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="7">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																																																																																												

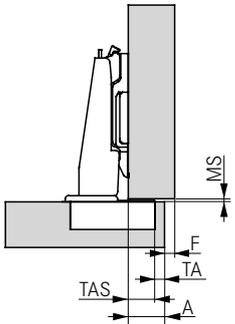
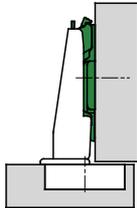
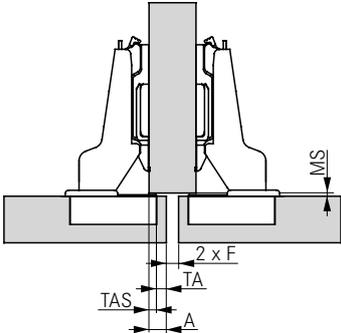
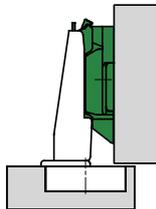
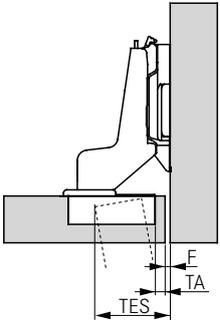
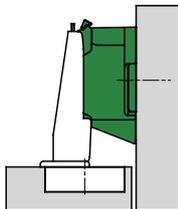
DOOR PROTRUSION / DOOR OVERLAY

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 <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>5</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>10</td> <td></td> <td></td> <td>0</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></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>		Cup distance							3	4	5	6	Door overlay	8			5				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			5																																																																																									
	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

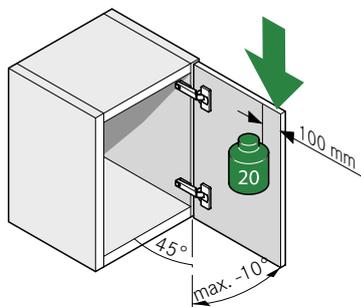
By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full 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

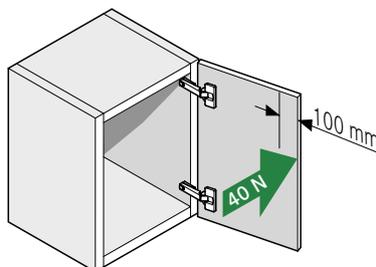
**Static load – vertical**

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



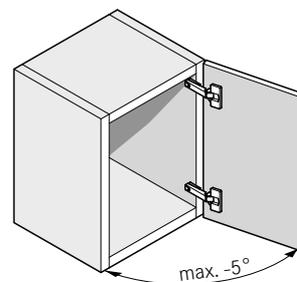
**Static load – horizontal**

Force: 40 N  
Number: 10



**Endurance test**

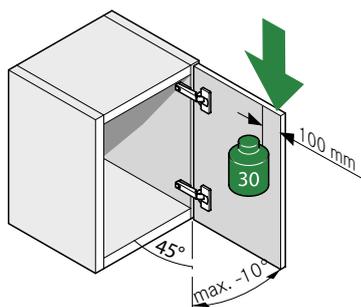
Opening angle: max. -5°  
Open and close movements: 100,000



Overload testing

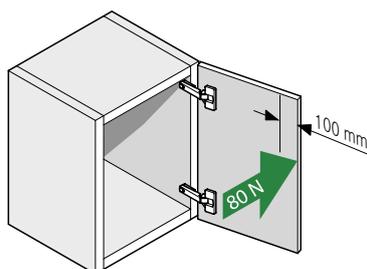
**Vertical**

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



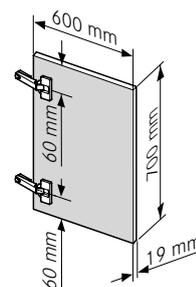
**Horizontal**

Force: 80 N  
Number: 10



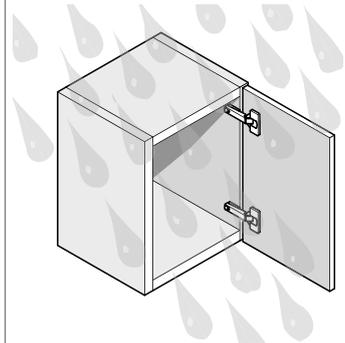
**Test door**

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.

QUALITY CERTIFICATE  
**LGAD**

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°	<b>Slide-on 04</b>		■	■	■	■	210
110°	<b>Slide-on 22</b>		■	■	-	■	212
125°	<b>Slide-on 29</b>		■	■	-	■	214
170°	<b>Slide-on 65</b>	Wide-angle hinge	■	■	-	■	216
95°	<b>Slide-on 05</b>	Profiled door hinge	■	■	■	■	218
95°	<b>Slide-on 25</b>	Profiled door hinge	■	■	■	-	220
95°	<b>Slide-on 05/30/2</b>	+30° angle corner cabinet hinge	-	■	-	■	222
95°	<b>Slide-on 05/45/3</b>	+45° angle corner cabinet hinge	-	-	■	■	224
95°	<b>Slide-on 05/45/8</b>	+45° angle corner cabinet hinge	-	■	-	■	226
95°	<b>Slide-on 05/90/4</b>	Blind corner hinge	-	-	■	■	228
95°	<b>Slide-on 05/90/0</b>	Blind corner hinge	-	-	■	■	230
270°	<b>Slide-on 70</b>	Single-joint hinge	■	-	-	-	232
270°	<b>Slide-on 73</b>	Single-joint hinge	■	■	-	-	234
180°	<b>Slide-on 80</b>	Single-joint hinge	■	■	-	-	236
-	<b>Slide-on PCC</b>	Pie-cut corner hinge	-	-	■	-	238
95°	<b>Slide-on 17</b>	Mini-hinge	■	■	■	■	240
95°	<b>Slide-on 17 AL</b>	Aluminium frame hinge	■	■	■	■	242
95°	<b>Slide-on 17 GL</b>	Glass door hinge	■	■	■	-	244

<b>Nexis Slide-on mounting plates</b>	246
<b>Accessories</b>	250
<b>Technical information</b>	252
<b>Soft-close damping system</b>	257
<b>Assembly aids</b>	332

Tiemos

Nexis

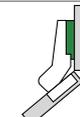
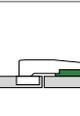
Special hinges

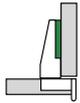
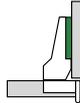
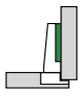
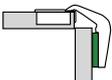
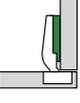
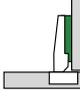
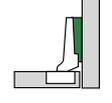
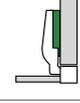
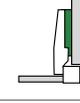
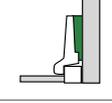
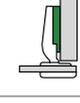
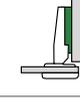
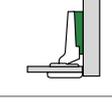
Single-joint hinges

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>				210
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>			-	212
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>			-	214
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>			-	216
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>				218
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>				220
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>	-		-	222
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>	-	-		224
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>	-		-	226
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>	-	-		228
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>	-	-		230
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>		-	-	232

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>			-	234
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>		-	-	236
-		<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>	-	-		238
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>				240
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>				242
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>				244

	<b>Nexis Slide-on mounting plates</b>	246
	<b>Accessories</b> <ul style="list-style-type: none"> <li>• Hinge arm cover caps</li> <li>• Opening angle reduction clips</li> </ul>	250
	<b>Technical information</b>	252
	<b>Soft-close damping system</b>	257

# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		Half overlay		Inset			
K-2/0		K8		K15			
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 4</p>			
Door overlay	Cup distance					Door reveal	
	-2	3	4	5	6		15
	21				0		0
	20			0			2
	19		0		2		3
	18	0		2	3		4
	17		2	3	4		
	16	2	3	4			
	15	3	4				
	14	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	0.8	
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.

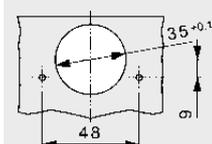
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

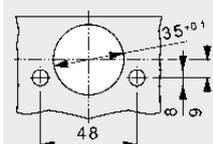
We recommend a trial fitting.

DRILLING PATTERNS

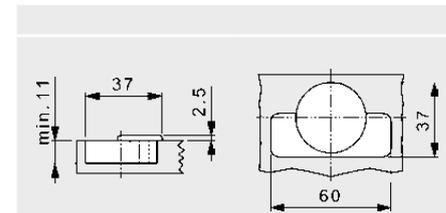
Screw fixing



Press fitting



CUP DIMENSIONS



Timos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

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	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

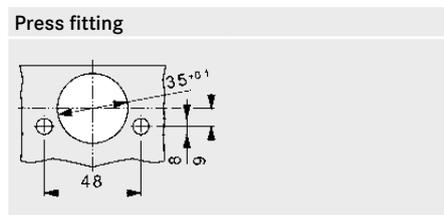
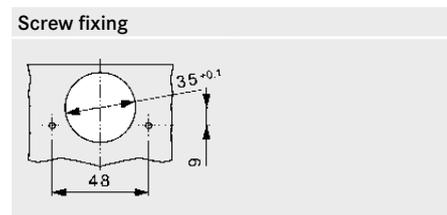
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

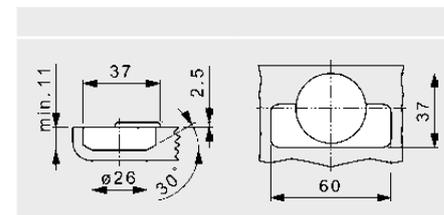
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



CUP DIMENSIONS



Timos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	246
Accessories	250

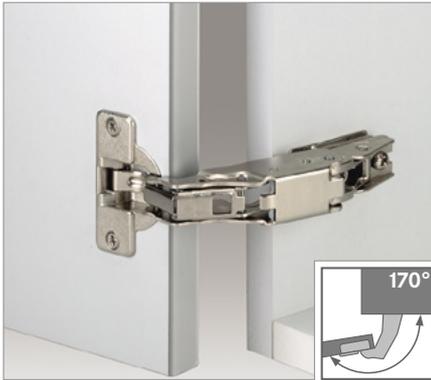
Soft-close Click-on	260
Technical information	252

Assembly aids	332



# 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	Art.-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	Art.-no.
	Soft-close Pin	<b>F069066528</b>
	170° Soft-close	<b>F069073729</b>

	Designation	Art.-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	246
Accessories	250

170° Soft-close	262
Technical information	252

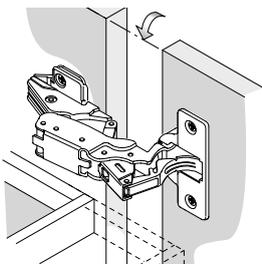
Assembly aids	332

### 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>0</td><td></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></td><td>2</td><td>3</td></tr> <tr><td>9</td><td></td><td>0</td><td></td><td></td><td>2</td><td>3</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>	
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																																																																																																																																																																																																												
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																																																																																																																																																																																																												

### 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.

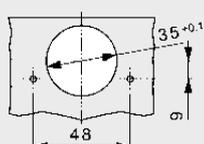
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

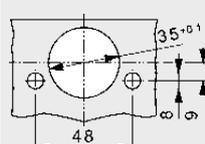
We recommend a trial fitting.

### DRILLING PATTERNS

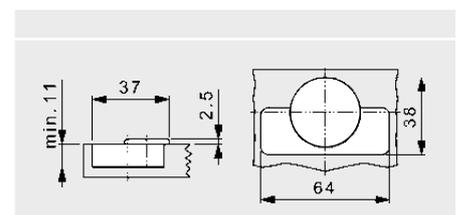
#### Screw fixing



#### 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332
---------------	-----



# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

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
	24									0
	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							
Mounting plate height										
Door overlay	Cup distance									
	8	3	4	5	6	7	8	9	10	11
	16									0
	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							
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.

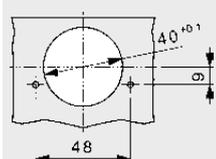
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

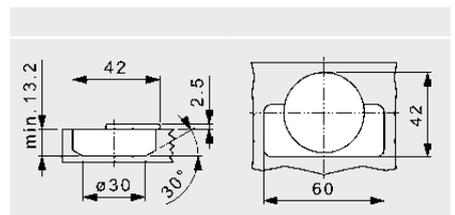
We recommend a trial fitting.

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	Art.-no.	
		Cup	Arm			Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073032</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332



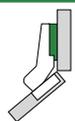
# NEXIS SLIDE-ON 05/45/3

+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	Art.-no.	
		Cup	Arm			Slide-on	Screw fixing
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073033</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332



# 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	Art.-no.	
		Cup	Arm			Slide-on	Screw fixing
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073038</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332



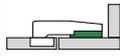
# NEXIS SLIDE-ON 05/90/4

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	Art.-no.	
		Cup	Arm			Slide-on	Screw fixing
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	<b>F016073048</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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>

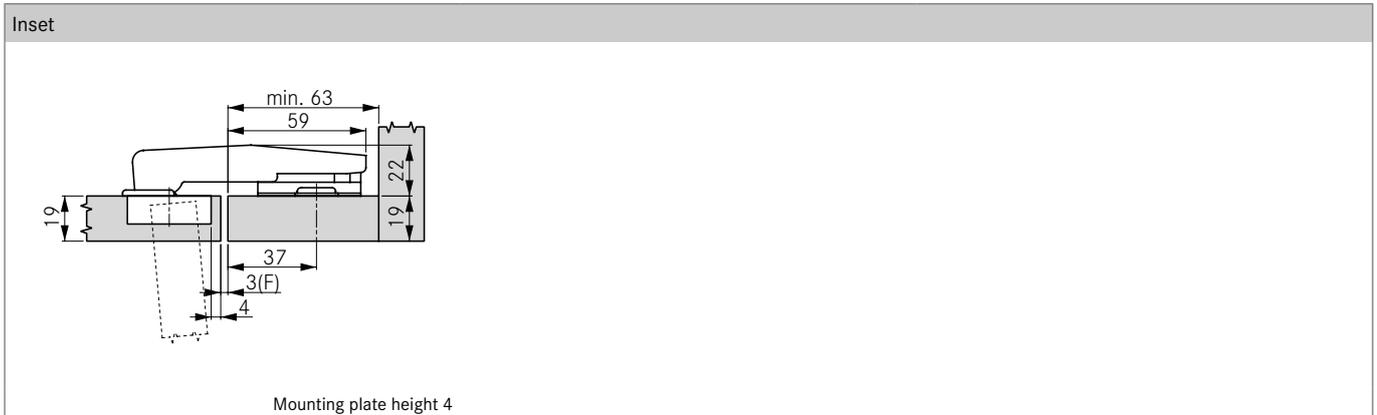
Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332
---------------	-----

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

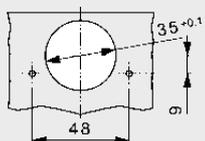
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

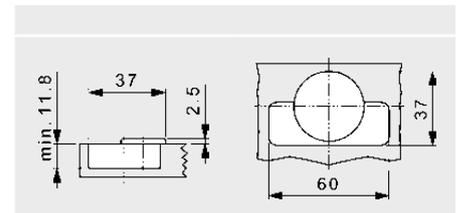
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



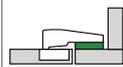
# NEXIS SLIDE-ON 05/90/0

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

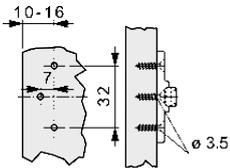


- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- Short hinge arm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

## ORDER INFORMATION

Door overlay		Material			with spring	Art.-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	Art.-no.	
						Screw fixing	
		0	Zamak, natural	Wood screws	32	<b>F063073348</b>	

## COVER CAP

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

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-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>

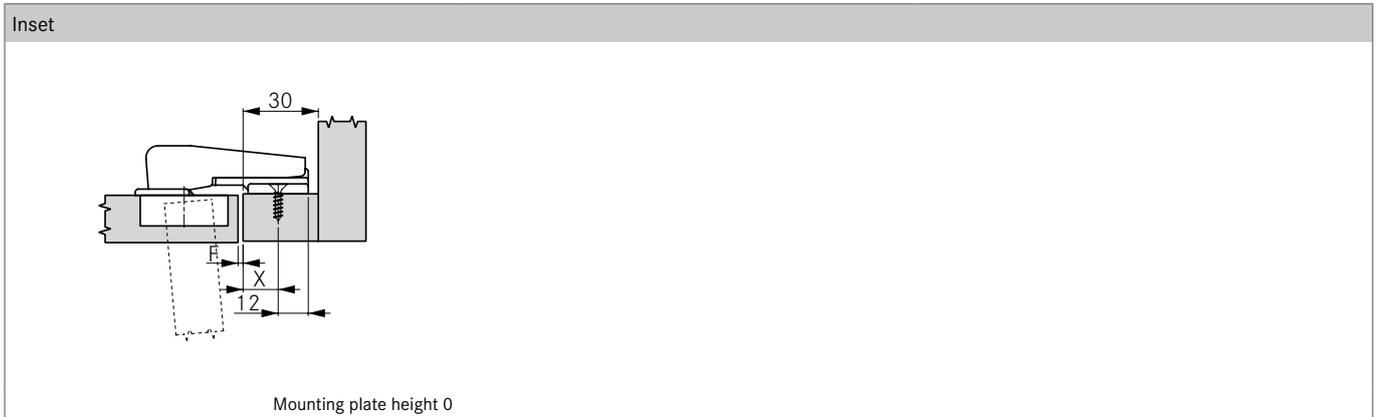
Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332
---------------	-----

INSTALLATION INFORMATION

All dimensions in millimetres



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

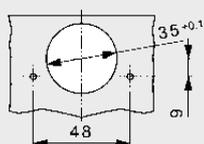
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

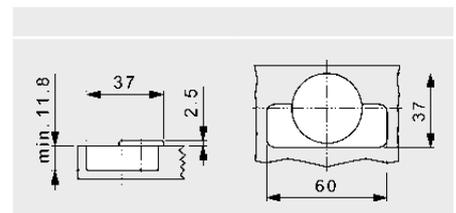
We recommend a trial fitting.

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	Art.-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	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay (T20)

Mounting plate height 0

Full overlay (T17)

Mounting plate height 0

Recess depth (x)	
0	0 7
16	0
15	
14	2
13	3
12	4
11	
10	
9	
8	2
7	3
6	4
Door overlay	Mounting plate height

NOTES

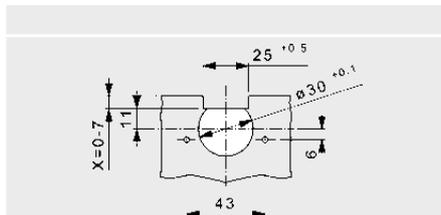
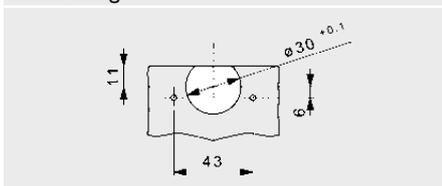
**Important:** The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

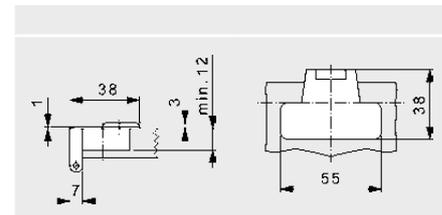
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing

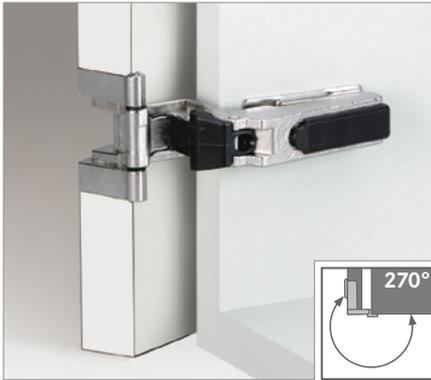


CUP DIMENSIONS



# 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	Art.-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	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0		Half overlay		K8		
Mounting plate height 0				Mounting plate height 0				
Door overlay	0	Recess depth (x)						
		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								
Door overlay	8	Recess depth (x)						
		6	5	4	3	2	1	0
	8	0						
	7		0					
	6	2		0				
	5	3	2		0			
	4	4	3	2		0		
	3		4	3	2		0	
	2			4	3	2		0
	1				4	3	2	
Mounting plate height								

NOTES

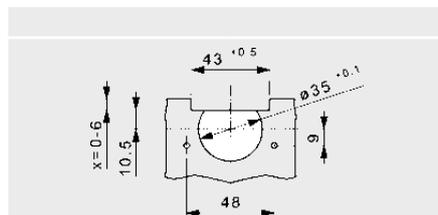
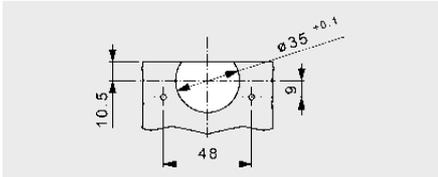
**Important:** Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

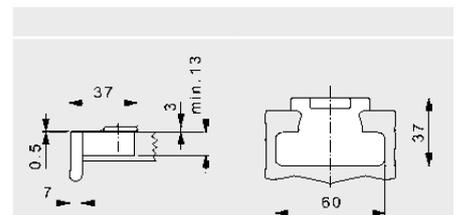
We recommend a trial fitting.

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	Art.-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	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	<b>F069073570</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

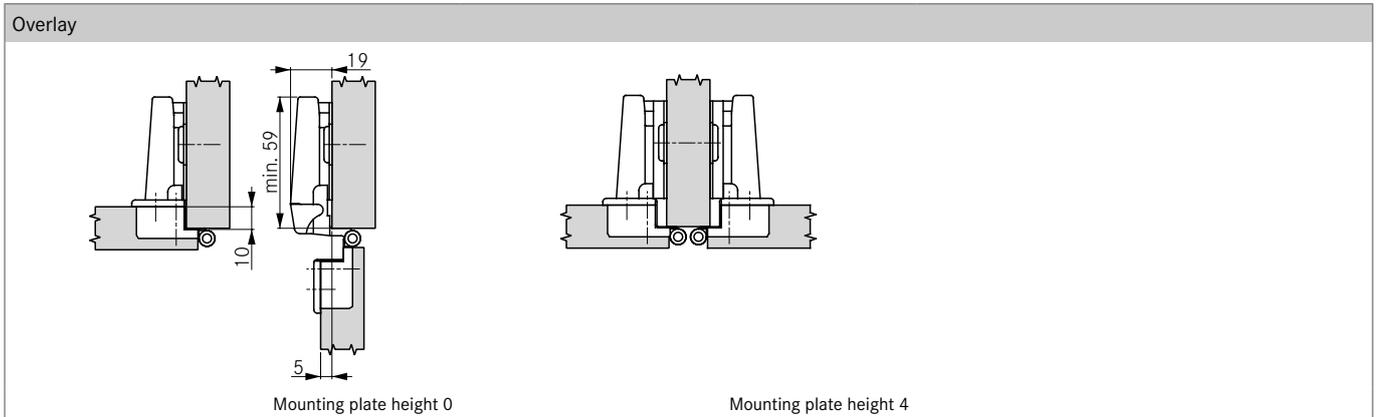
Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres



NOTE

We recommend a trial fitting.

Tiomos

Nexis

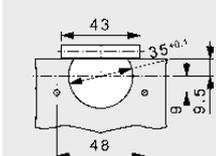
Special hinges

Single-joint hinges

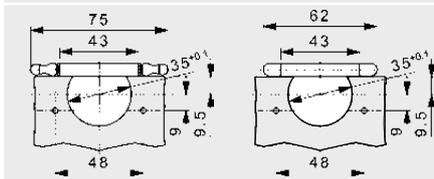
Cabinet making accessories

DRILLING PATTERNS

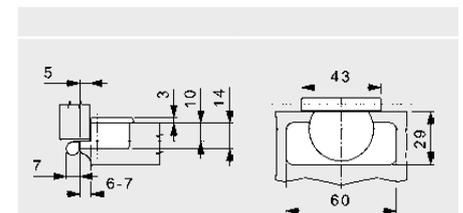
Screw fixing



With finials

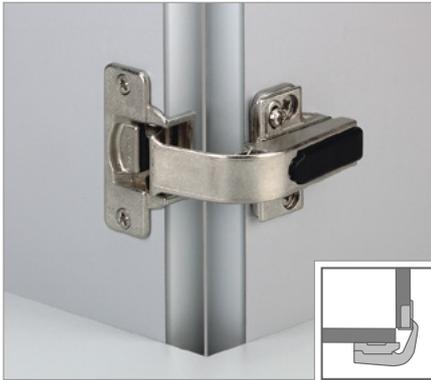


CUP DIMENSIONS



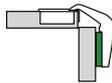
# NEXIS SLIDE-ON PCC

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	Art.-no.	
		Cup	Arm			Slide-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	<b>F016073100</b>	

## COVER CAP

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

## ACCESSORIES

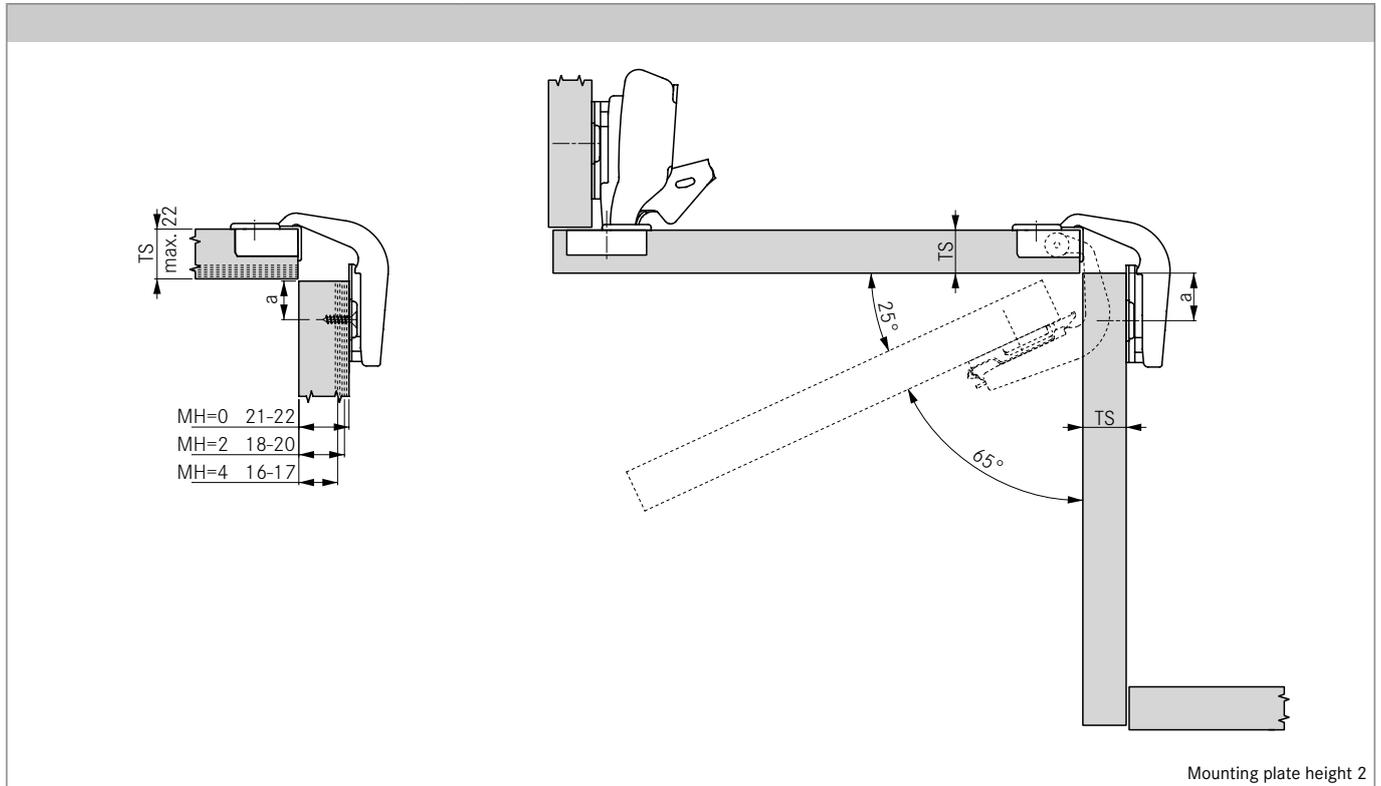
	Designation	Art.-no.		Designation	Art.-no.
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Technical information	252
Assembly aids	332


INSTALLATION INFORMATION

All dimensions in millimetres



DISTANCE TABLE

	Mounting plate height			
	0	2	4	
Door thickness	16		25	
	17		24	
	18	22		
	19	21		
	20	20		
	21	18		
	22	17		
	Distance (a)			

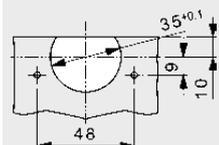
NOTES

Hinge dimensions and reveal calculation with factory setting.

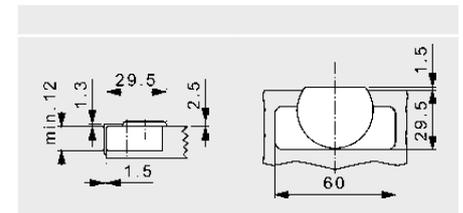
We recommend a trial fitting.

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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	Countersunk wood screw Ø 3.5 x 15 mm	<b>F146073976</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Technical information	252
Assembly aids	332




# 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	Art.-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	Art.-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	Art.-no.		Designation	Art.-no.
	Soft-close Pin	<b>F069066528</b>			
	M 3 x 6 screw	<b>F069073405</b>			

Nexis Slide-on mounting plates	246
Accessories	250

Technical information	252
Assembly aids	332


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	11	1		
	16	9			
	15	8			
		7			
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	Art.-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	Art.-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	Art.-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	Art.-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	Art.-no.
	Soft-close Pin	<b>F069066528</b>

	Designation	Art.-no.

Nexis Slide-on mounting plates	246
Accessories	250

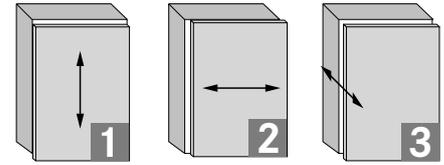
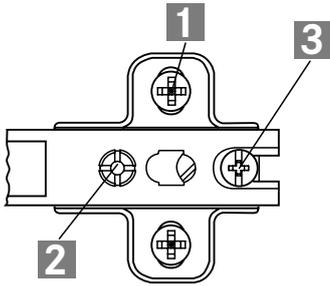
Soft-close Pin	266
Technical information	252

Assembly aids	332



# 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.

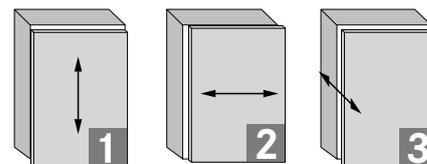
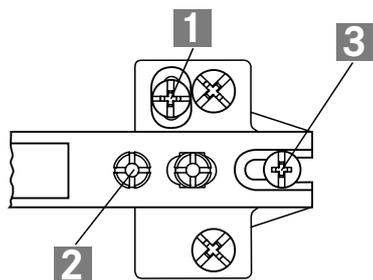
### ORDER INFORMATION

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

For screw fixing		37/32	Height	Art.-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	Art.-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	Art.-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	Art.-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

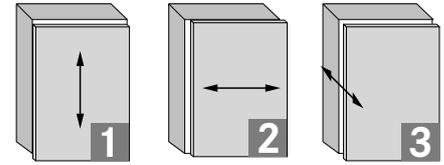
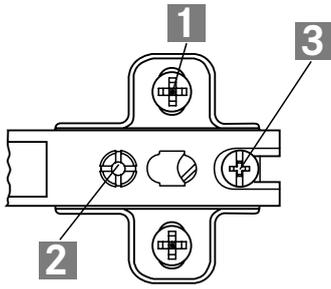
For screw fixing	37/32	Height	Art.-no.
<ul style="list-style-type: none"> <li>Steel/Zamak, nickel-plated</li> <li>Fixing with wood screws</li> <li>Fixing distance 37 mm</li> <li>Hole spacing 32 mm</li> </ul>		0	<b>F063073340</b>
		2	<b>F063073342</b>
		4	<b>F063073344</b>

### 2-PART COMPACT PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Art.-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>

# 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.

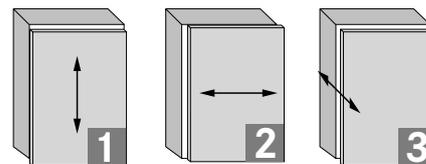
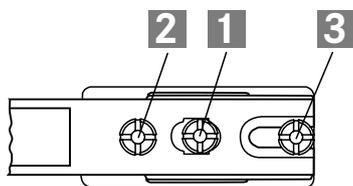
### ORDER INFORMATION

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

For screw fixing	28/32	Height	Art.-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	Art.-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	Art.-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

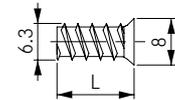
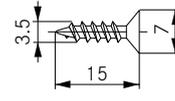
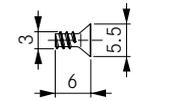
### COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-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			Art.-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			Art.-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

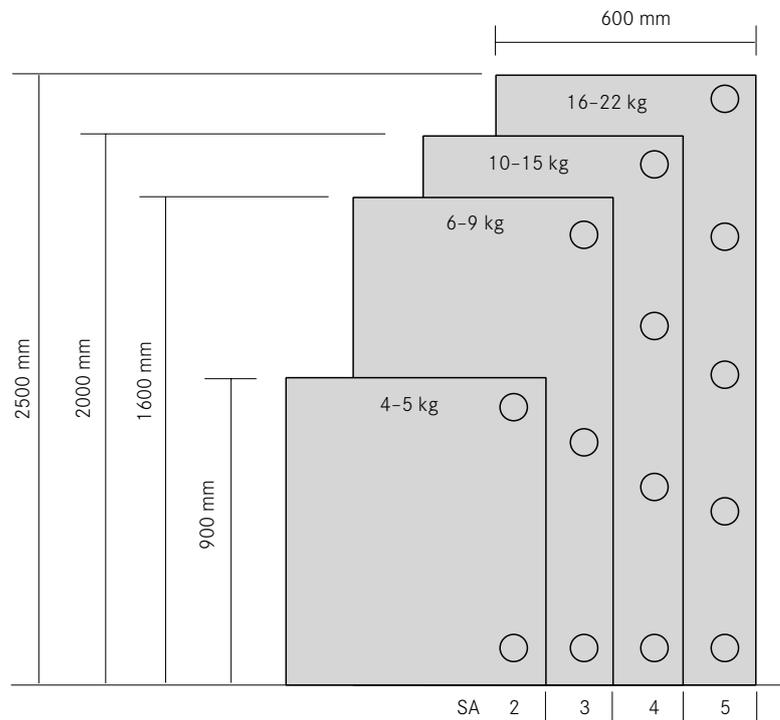
## Technical information

### 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  $\varnothing$  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.

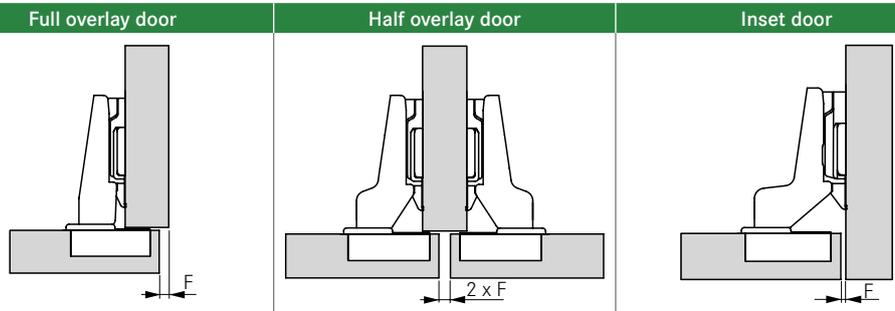


### DOOR REVEAL AND MINIMUM REVEAL

#### 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			
	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)				

#### 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**.

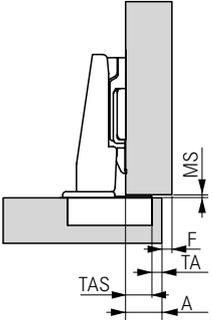
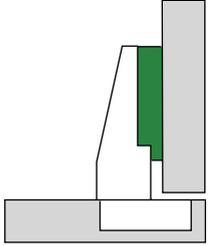
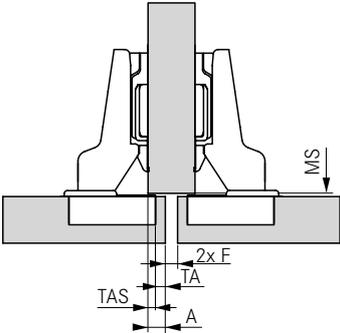
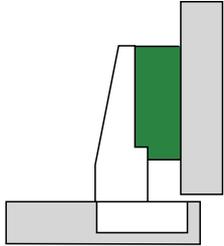
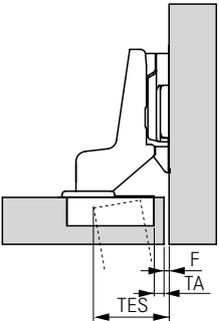
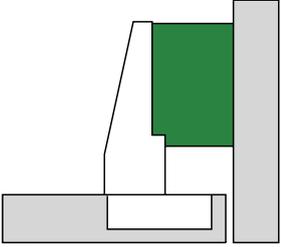
Door reveal	Cup distance			
	3	4	5	6
0		2		4
1	2		4	
2		4		
3				
4				
5				
6				
7				
8				
9				
10				
Mounting plate height				



# NEXIS SLIDE-ON

## Technical information

### OPTIONS FOR CHANGING THE DOOR OVERLAY

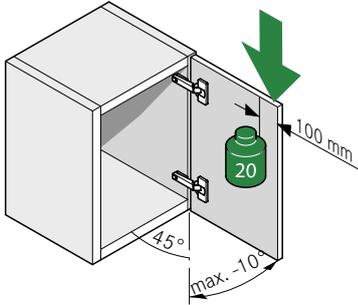
By selecting the cranking	By using a mounting plate with a different height
<p><b>Full overlay (cranking 0)</b></p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p><b>Full 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

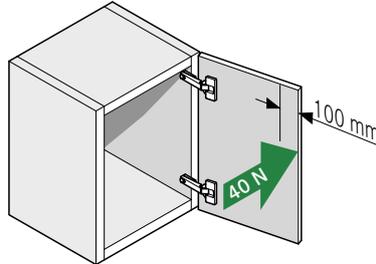
**Static load – vertical**

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



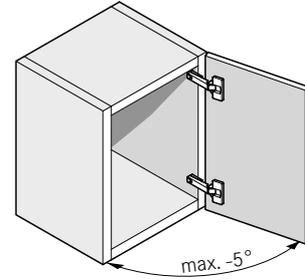
**Static load – horizontal**

Force: 40 N  
Number: 10



**Endurance test**

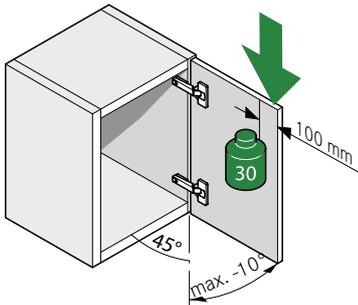
Opening angle: max. -5°  
Open and close movements: 100,000



Overload testing

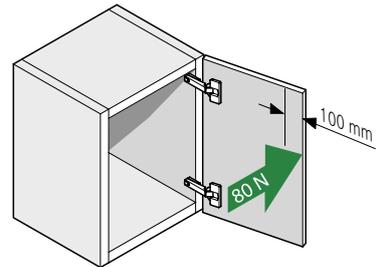
**Vertical**

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



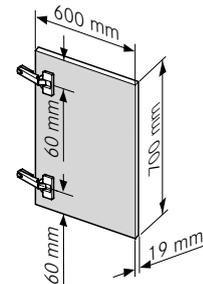
**Horizontal**

Force: 80 N  
Number: 10



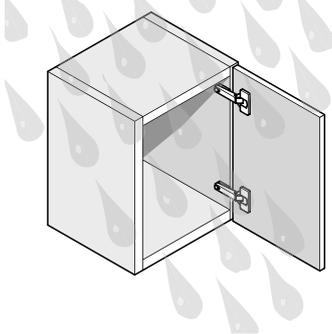
**Test door**

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 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
<b>Soft-close Impresso</b>	Nexis Impresso hinges (95°, 100°, 110° and 125°)	258
<b>Soft-close Click-on</b>	Nexis Click-on and Slide-on hinges (95°, 100°, 110° and 125°)	260
<b>170° Soft-close</b>	Nexis wide-angle hinges 170°	262
<b>Soft-close Mirro</b>	Nexis Click-on Mirro hinges	264
<b>Soft-close Pin</b>	Pneumatic damper for doors	266
<b>Assembly aids</b>		332

Tiomos

Nexis

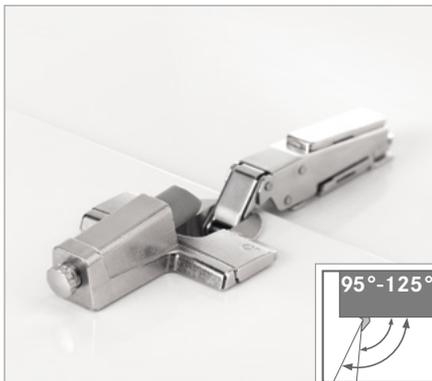
Special hinges

Single-joint hinges

Cabinet making accessories

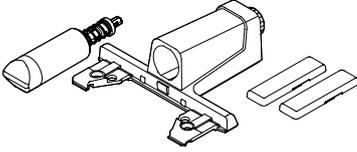
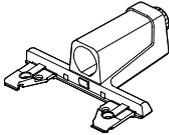
# SOFT-CLOSE IMPRESSO

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	Art.-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	Art.-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	Art.-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

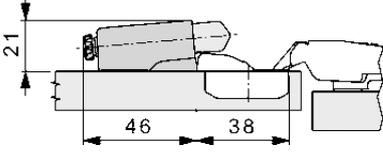
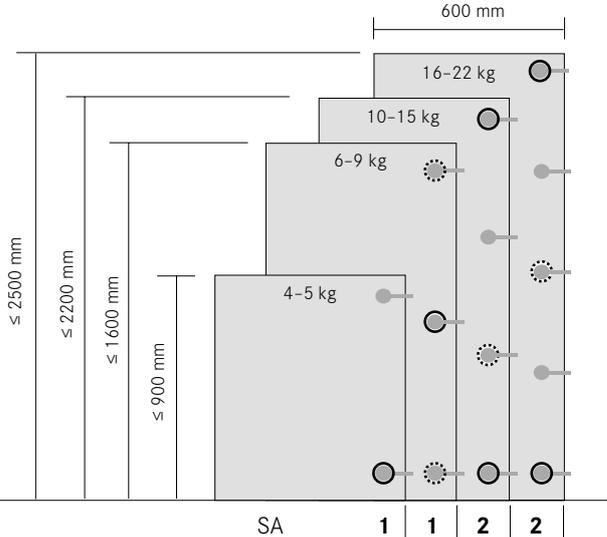
	Designation	Cranking	Imprinted/Embossed	Art.-no.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	<b>F069073570</b>
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	<b>F069073669</b>

Nexis Impresso	103



**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>1 Remove door from cabinet and open hinge cup cover.</li> <li>2 Place Soft-close Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.</li> <li>3 Close hinge cup cover and press down fully. Adapter must make full contact with the door.</li> <li>4 Fully insert damper into the adapter opening, with the flat side facing downwards.</li> <li>5 Re-hang the door and, if required, adjust the damping level via the adjustment screw.</li> <li>6 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		
--------------------------	--	--

# 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	Art.-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>		<b>F069073714</b>
Soft-close adapter	Art.-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>		<b>F069073715</b>

## COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Art.-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

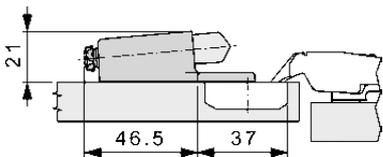
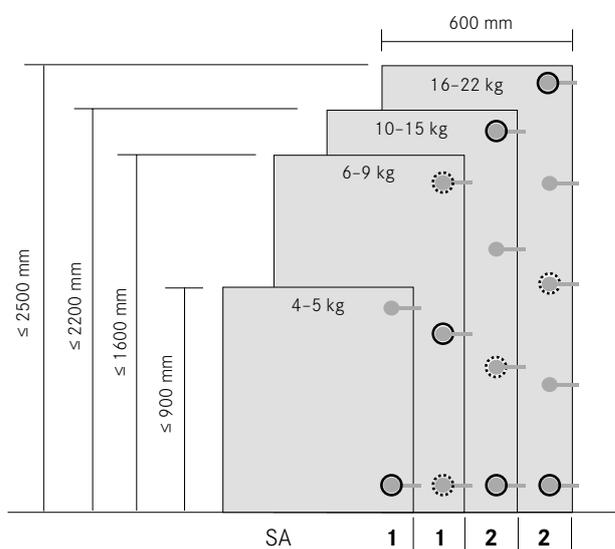
	Designation	Art.-no.		Designation	Art.-no.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	<b>F069073687</b>			

Nexis Click-on	145



**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;">1 </div> <div style="width: 33%; text-align: center;">2 </div> <div style="width: 33%; text-align: center;">3 </div> <div style="width: 33%; text-align: center;">4 </div> <div style="width: 33%; text-align: center;">5 </div> <div style="width: 33%; text-align: center;">6 </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	<p>Soft-close Click-on - quick and easy to fit</p> <ol style="list-style-type: none"> <li>1 Hinges with 0 cranking: remove hinge arm cover cap (if fitted).</li> <li>2 Insert Soft-close Click-on adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge cup.</li> <li>3 Press down both sides of the adapter simultaneously, until it engages with an audible click.</li> <li>4 If required, fit short hinge arm cover cap (supplied with the set).</li> <li>5 If required, the adjustment screw can be used to finely adjust the Soft-close Click-on to different opening angles and cranking.</li> <li>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.</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>

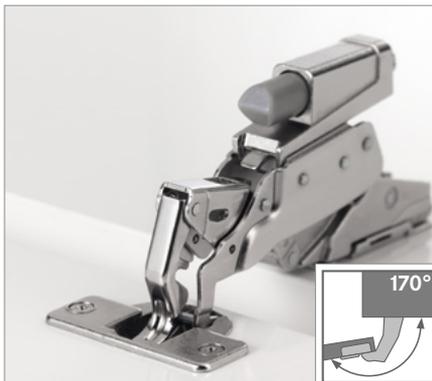
**LEGEND**

SA    Number of hinges		
------------------------	--	--

Tiomos  
 Nexis  
 Special hinges  
 Single-joint hinges  
 Cabinet making accessories

# 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

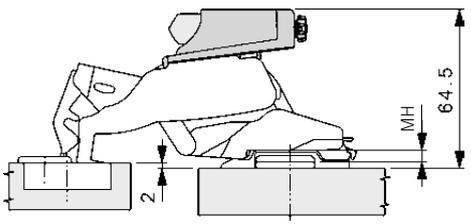
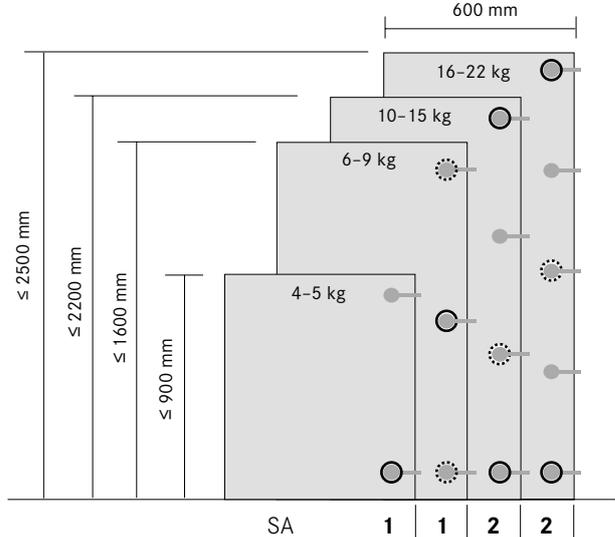
170° Soft-close		Art.-no.
<ul style="list-style-type: none"> <li>• Soft-close adapter for Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinge with pre-assembled Soft-close damper</li> </ul>		<p><b>F069073729</b></p>

Nexis Impresso	103
Nexis Click-on	145

Nexis Slide-on	207


## 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>

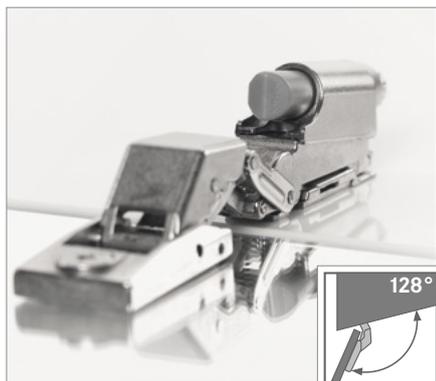
Installation	170° Soft-close - quick and easy to fit
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1</p>  </div> <div style="text-align: center;"> <p>2</p>  </div> </div>	<ol style="list-style-type: none"> <li>1 Insert 170° Soft-close adapter, engaging 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

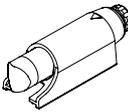
# SOFT-CLOSE MIRRO

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

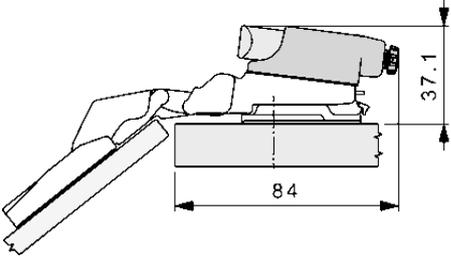
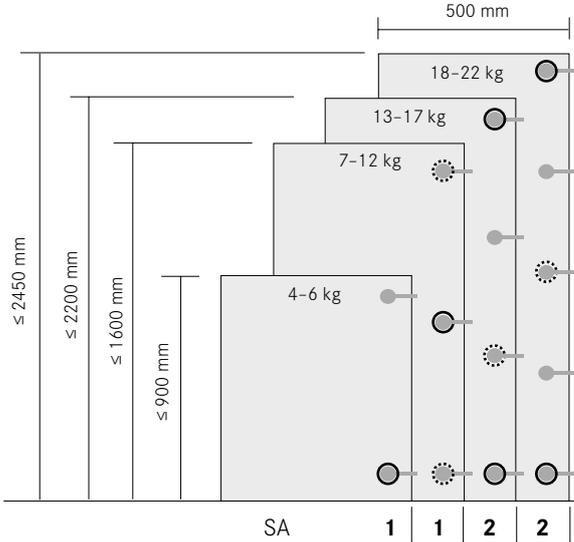
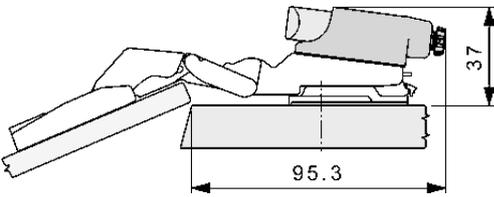
## ORDER INFORMATION

Soft-close Mirro	Art.-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	207
Nexis Click-on Mirro 07/-15	190


## INSTALLATION INFORMATION

All dimensions in millimetres

Mirro dimensions	Position for Soft-close Mirro
 <p>Drawing with mounting plate height 2</p>	 <p> <span style="display: inline-block; width: 10px; height: 10px; border: 1px solid black; border-radius: 50%;"></span> Recommended position for Soft-close Mirro  <span style="display: inline-block; width: 10px; height: 10px; border: 1px dashed black; border-radius: 50%;"></span> Position for additional Soft-close Mirro (if required)         </p>
<h3>Mirro -15° dimensions</h3>  <p>Drawing with mounting plate height 2</p>	<h3>Soft-close Mirro - quick and easy to fit</h3> <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> <h3>NOTES</h3> <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>
<h3>Installation</h3> <div style="display: flex; justify-content: space-around;"> <div> <p>1</p>  </div> <div> <p>2</p>  </div> </div>	

## LEGEND

SA	Number of hinges

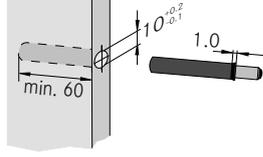
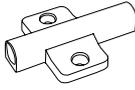
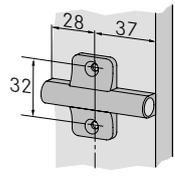
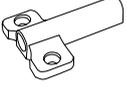
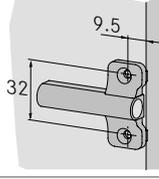
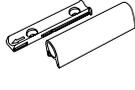
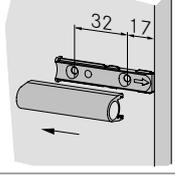
# SOFT-CLOSE PIN

Pneumatic damper for doors



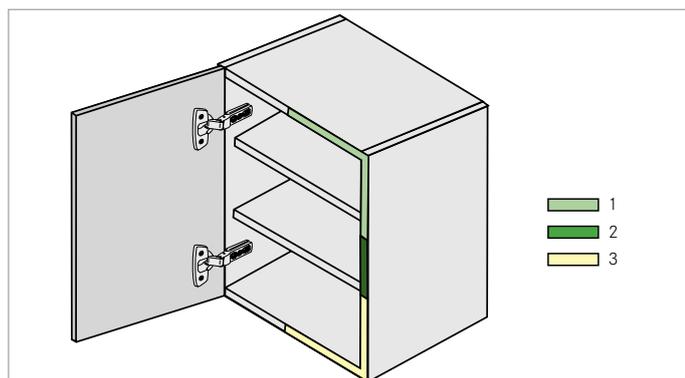
- Suitable for all door sizes, shapes and materials
- Can also be retrofitted
- For insertion into a drill hole or for fitting with adapter plate

## ORDER INFORMATION

Soft-close Pin	For drilling	Art.-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	Art.-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	Art.-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	Art.-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	103
Nexis Click-on	145

Nexis Slide-on	207
Special hinges	285

- 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.

Tiomos

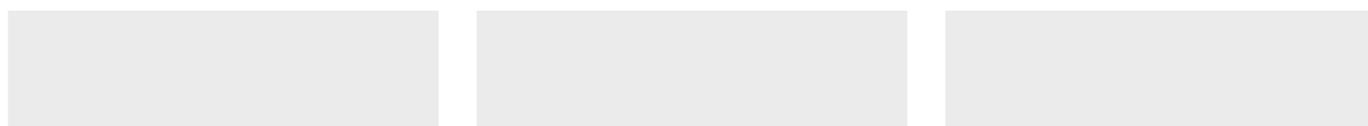
Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

## LEGEND





#### 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	270
<b>Tipmatic Plus Click-on</b>	Nexis Click-on hinges without self-closing mechanism	272
<b>170° Tipmatic Plus</b>	170° wide-angle hinges without self-closing mechanism	274
<b>Tipmatic Plus Mirro</b>	Nexis Click-on Mirro and Mirro -15° hinges without self-closing mechanism	276
<b>Tipmatic Pin</b>	Handle-free wood/aluminium frame doors and glass/mirror doors	278
<b>Tipmatic Plus Pin</b>	Handle-free furniture doors	280
<b>Installation instructions</b>		282

Tiomos

Nexis

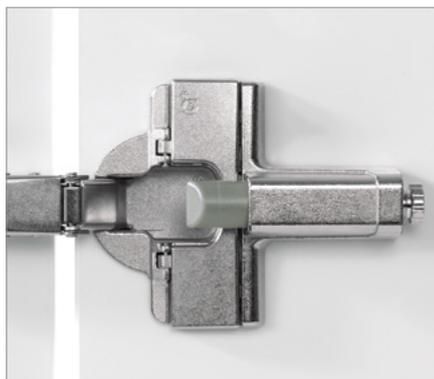
Special hinges

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

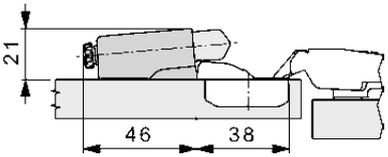
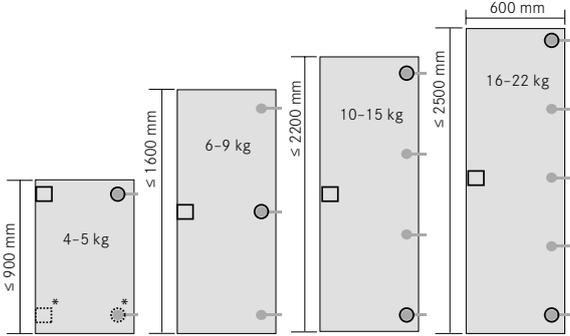
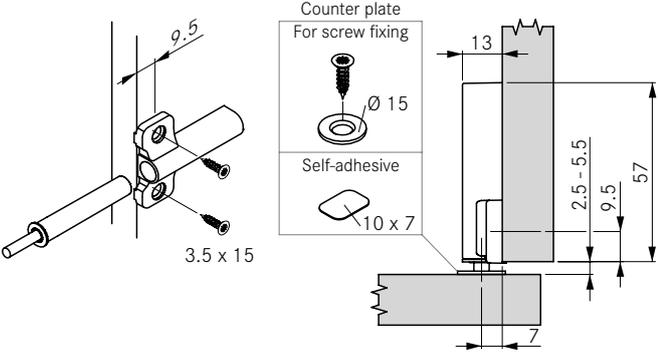
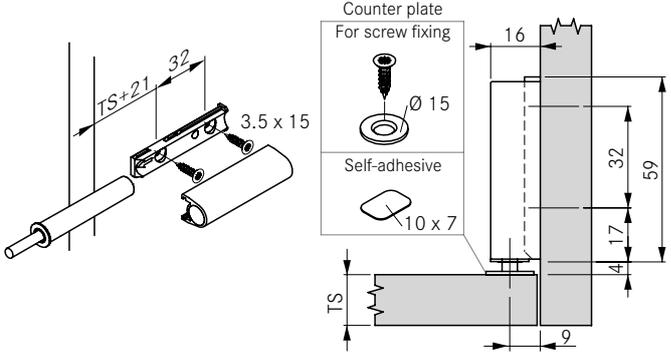
## ORDER INFORMATION

<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>Art.-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>Art.-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>Art.-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>Art.-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>Art.-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>Art.-no.</p> <p><b>F069135396</b></p>

Nexis Impresso 103

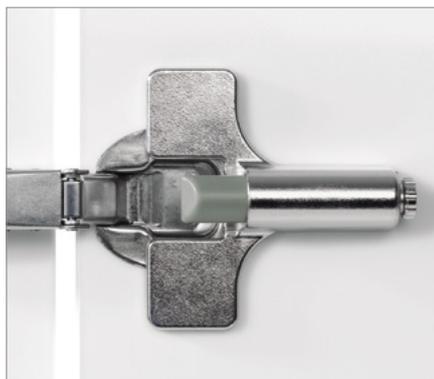
INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Tipmatic Plus Impresso
	 <p>○ Recommended position for Tipmatic Plus Impresso.          □ Position for counter plate (at level of the magnetic pin). One magnet pin per door.          ⊙* Recommended position for Tipmatic Plus Impresso 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	Tipmatic Plus Impresso – quick and easy to fit
<p>1 </p> <p>2 </p> <p>3 </p> <p>4 </p> <p>5 </p> 	<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>

# 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

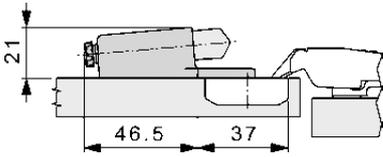
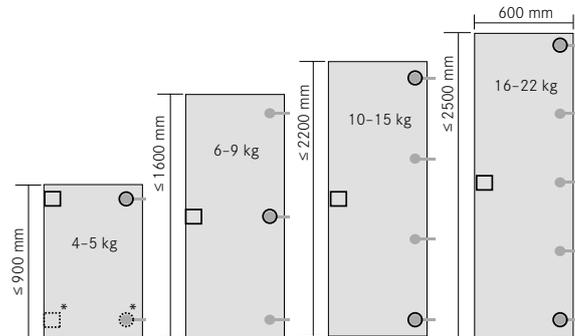
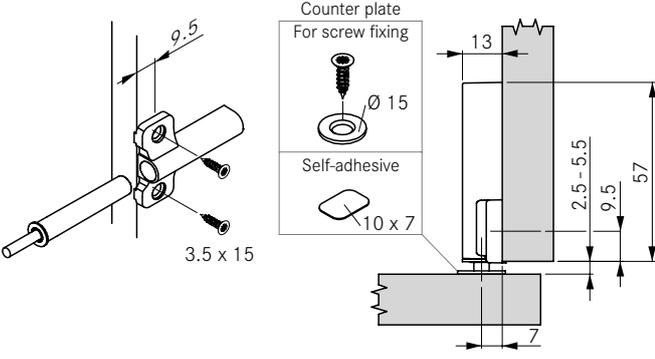
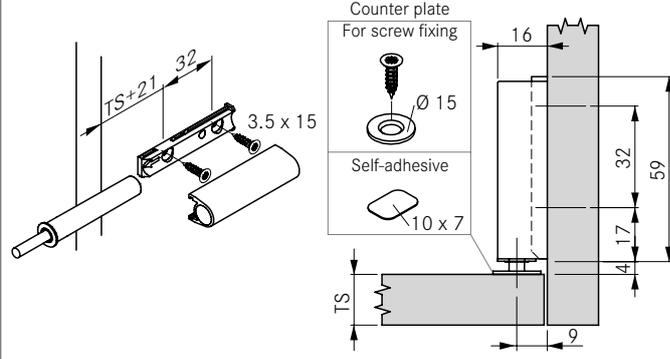
## ORDER INFORMATION

<p><b>Tipmatic Plus Click-on set</b></p> <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>Art.-no.</p> <p><b>F069073752</b></p>
<p><b>Tipmatic Plus Click-on adapter</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus Click-on adapter for Nexis Click-on hinges</li> </ul>	<p>Art.-no.</p> <p><b>F069073751</b></p>
<p><b>Tipmatic Plus ejector</b></p> <ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for Tipmatic Plus Click-on adapter</li> </ul>	<p>Art.-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>Art.-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>Art.-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>Art.-no.</p> <p><b>F069135396</b></p>

Nexis Click-on	145
Nexis Slide-on	207

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;"></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;"></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;"></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="text-align: center; margin-top: 20px;"> <p>4</p>  <div style="display: flex; justify-content: center; align-items: center; gap: 20px;">   </div> </div> <div style="text-align: center; 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		Art.-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>		<b>F069135019</b>
Tipmatic Plus Click-on adapter		Art.-no.
<ul style="list-style-type: none"> <li>• 170° Tipmatic Plus adapter for Nexis Impresso and 170° Nexis Click-on wide-angle hinges</li> </ul>		<b>F069135017</b>
Tipmatic Plus ejector		Art.-no.
<ul style="list-style-type: none"> <li>• Tipmatic Plus ejector for 170° Tipmatic Plus adapter</li> </ul>		<b>F069135060</b>
Linear adapter plate for magnetic pin		Art.-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>		<b>F069073696</b>
Frame adapter plate for magnetic pin		Art.-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>		<b>F069073697</b>
Magnetic pin and counter plates		Art.-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>		<b>F069135396</b>

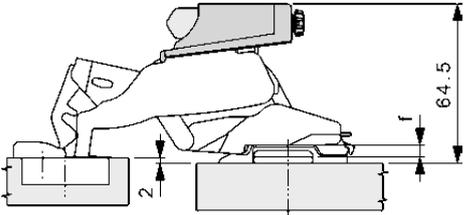
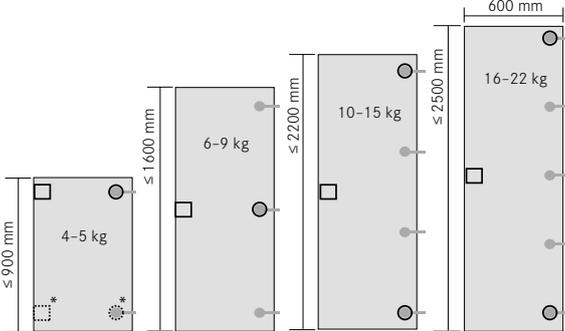
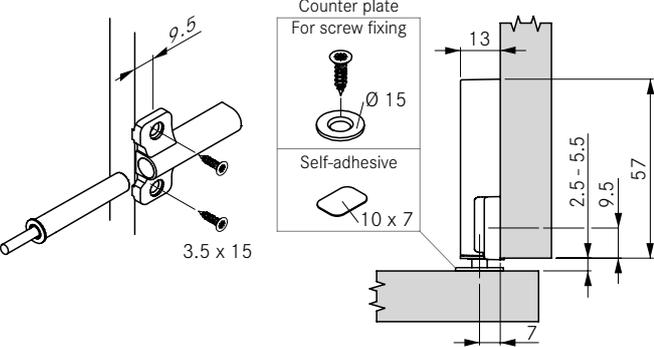
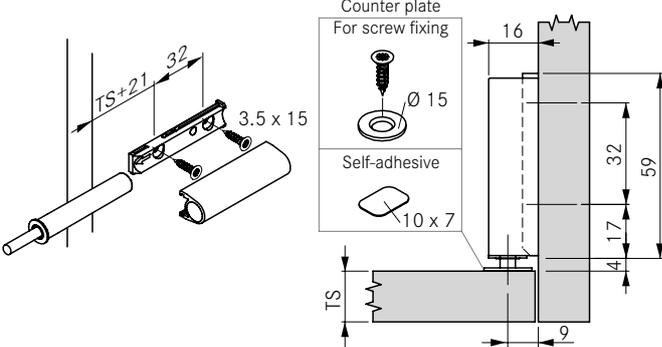
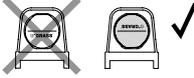
Nexis Impresso 65	112
Nexis Click-on 65	154

Nexis Slide-on 65	216
-------------------	-----

--	--

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

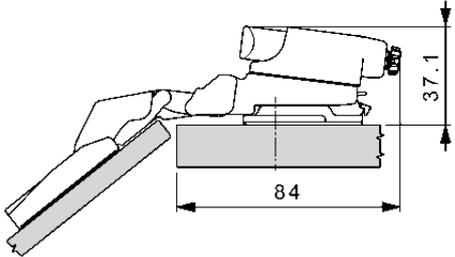
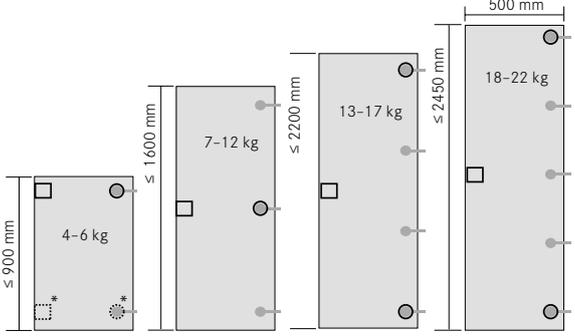
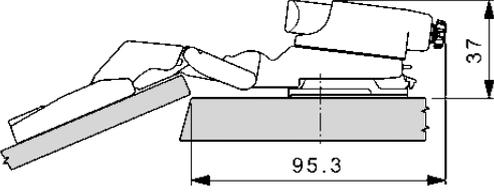
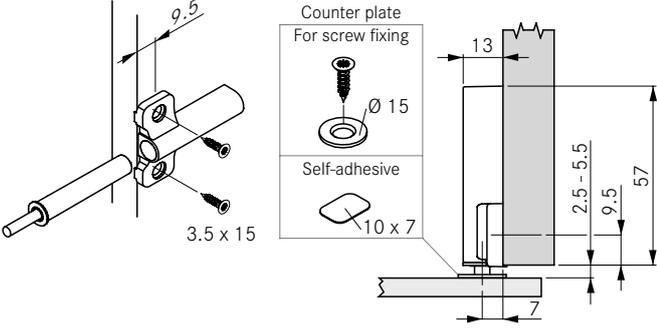
## ORDER INFORMATION

<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>Art.-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>Art.-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>Art.-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>Art.-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>Art.-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>Art.-no.</p> <p><b>F069135396</b></p>

Nexis Click-on 07 Mirro	188
Nexis Click-on 07/-15° Mirro	190

## INSTALLATION INFORMATION

All dimensions in millimetres

<p><b>Mirro dimensions</b></p>  <p>Drawing with mounting plate height 2</p>	<p><b>Position for Tipmatic Plus Mirro</b></p>  <p>○ Recommended position for Soft-close Mirro ⊙ Position for additional Soft-close Mirro (if required)</p>
<p><b>Mirro -15° dimensions</b></p>  <p>Drawing with mounting plate height 2</p>	<p><b>Position for Tipmatic Plus Mirro frame adapter plate</b></p>  <p>Do not use door buffers! Self-adhesive counter plate.</p>
<p><b>Installation</b></p> <p>1 </p> <p>2 </p> 	<p><b>Tipmatic Plus Mirro – quick and easy to fit</b></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>

Timos

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	Art.-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>		<p><b>F069135396</b></p>
Adapter plate for line hole drilling	For screw fixing	Art.-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>		<p><b>F069063310</b></p>
Frame adapter plate	For screw fixing	Art.-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>		<p><b>F069073697</b></p>
Linear adapter plate	For screw fixing	Art.-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>		<p><b>F069073696</b></p>

Nexis Impresso	103
Nexis Click-on	145

Nexis Slide-on	207
Installation instructions	282


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

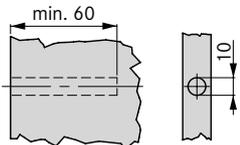
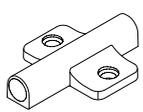
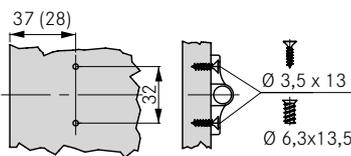
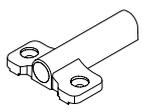
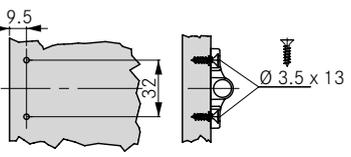
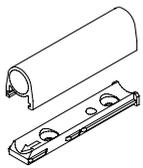
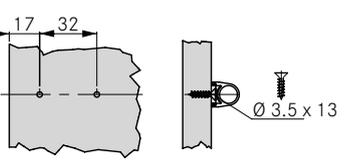
# TIPMATIC PLUS

For handle-free furniture doors



- Doors open to a convenient opening angle by gently tapping the front
- All hinges with self-opening mechanism can be used
- Wide catching range of magnet ensures reliable door closing
- Installation in the front edge of the cabinet or using an adapter plate

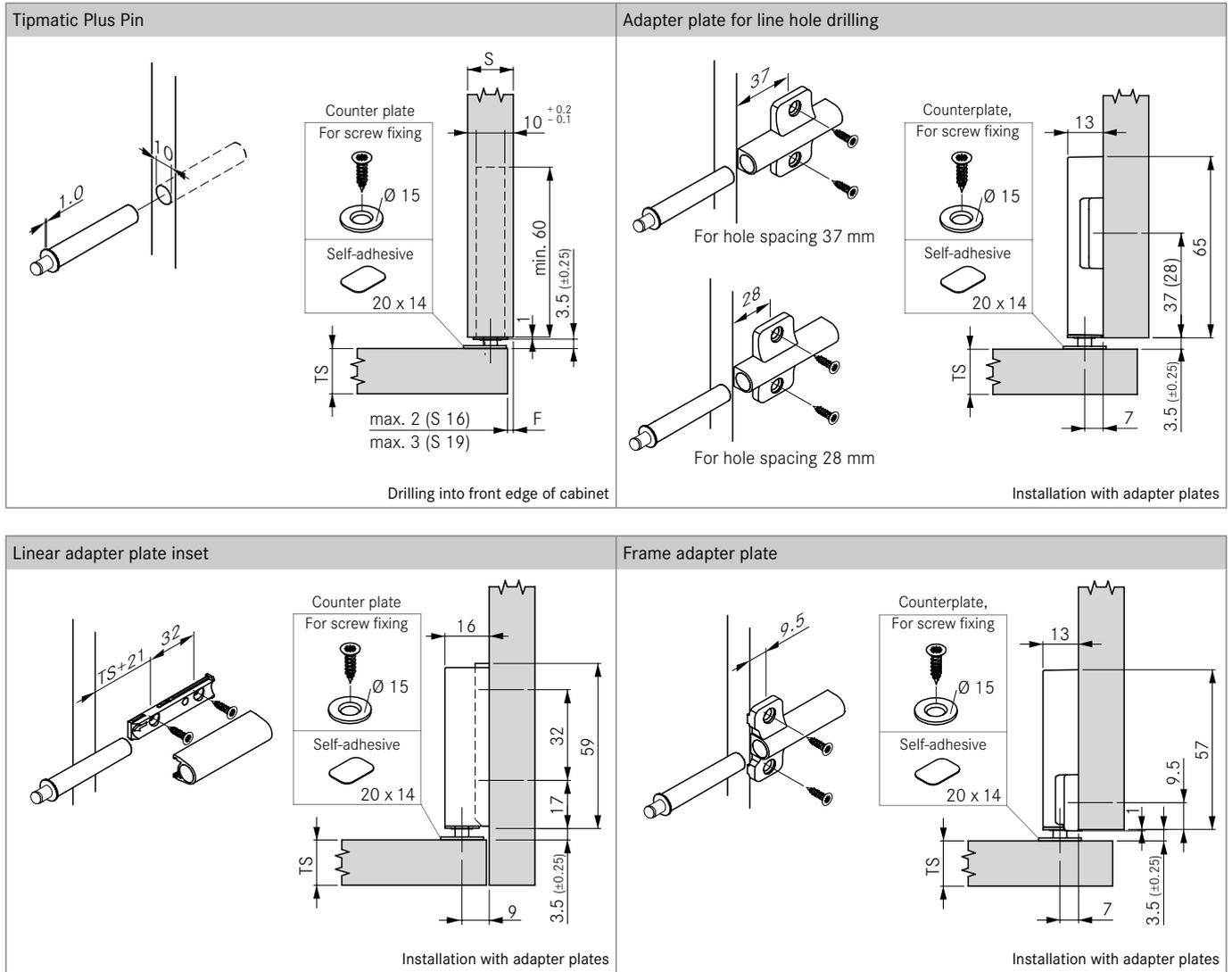
## ORDER INFORMATION

Tipmatic Plus Pin	For drilling	Art.-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 7035, light grey</li> <li>• Includes self-adhesive plate, screw-on plate and screw</li> </ul> 		<b>F069135061</b>
Adapter plate for line hole drilling	For screw fixing	Art.-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	Art.-no.
<ul style="list-style-type: none"> <li>• With positioning aid 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	Art.-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	103
Nexis Click-on	145

Nexis Slide-on	207
Installation instructions	282


PLANNING AND INSTALLATION INSTRUCTIONS



NOTE

Before attaching the counter plate, ensure that the surface is clean, dry and grease-free.

LEGEND

F	Reveal
S	Cabinet side wall
TS	Door thickness

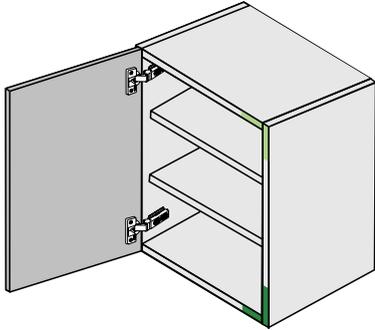
# TIPMATIC

## Installation instructions

### INSTALLATION INSTRUCTIONS

All dimensions in millimetres

#### Recommended positions

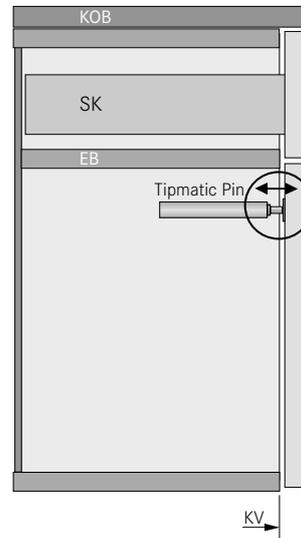


-  Position in the top corner opposite the hinge in the base cabinet
-  Position in the bottom corner opposite the hinge in the wall cabinet

#### General advice regarding the installation position:

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.

#### Front gap adjustment



**Adjustment of front gap with integrated toolless depth adjustment:**  
The front gap can be set to line up with the Tipmatic drawer.

Tipmatic	278





Timos

Nexis

Special  
hinges

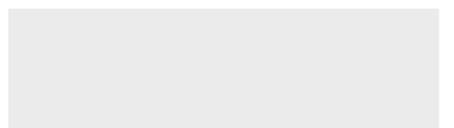
Single-joint  
hinges

Cabinet making  
accessories

**LEGEND**

EB	Dust panel
FSA	Front gap adjustment
KOB	Worktop
KV	Front edge of cabinet

SK	Drawer
----	--------





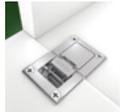
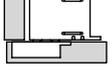
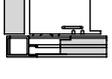
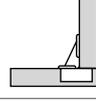
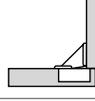
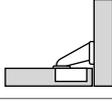
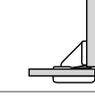
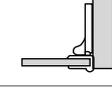
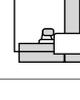
#### SPECIAL HINGES

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 customised solutions are in demand.

Opening angle		Product description	Full overlay	Overlying	Half overlay	Inset	Page
90°		<b>Tiomos flap hinge</b> <ul style="list-style-type: none"> <li>• Flap thickness from 14 to 21 mm</li> <li>• Cup hole 35 mm</li> <li>• 3-dimensional adjustment</li> </ul>	-		-	-	286
90°		<b>Tiomos flap hinge</b> <ul style="list-style-type: none"> <li>• Flap thickness from 22 to 30 mm</li> <li>• Cup hole 35 mm</li> <li>• 3-dimensional adjustment</li> </ul>	-		-	-	288
105°		<b>Tiomos H</b> <ul style="list-style-type: none"> <li>• Concealed hinge system for wooden doors</li> <li>• With integrated damper</li> <li>• 3-dimensional adjustment</li> </ul>	-		-	-	290
105°		<b>Tiomos H AL</b> <ul style="list-style-type: none"> <li>• Concealed hinge system for aluminium frame doors</li> <li>• With integrated damper</li> <li>• 3-dimensional adjustment</li> </ul>	-		-	-	292
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 narrow-frame doors</li> </ul>		-			294
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>	-	-			296
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>• For mounting to the door without drill hole</li> </ul>	-	-	-		298
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 for cabinet angles from +30° to -30°</li> <li>• For mounting to the door without drill hole</li> </ul>		-	-	-	300

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# TIOMOS FLAP HINGE

90° hinge (flap thickness from 14 to 21 mm)



- Modern design
- 90° opening angle
- For flap thicknesses of up to 21 mm
- Narrow gaps between door and cabinet
- Large overlay of up to 19 mm
- 12 mm cup depth
- 3-dimensional adjustment
- Very suitable for combining with the Kinvaro D flap stays

**Note:**

- Please order the Kinvaro D flap stay separately

## ORDER INFORMATION

Door overlay			Material		Art.-no.	
			Cup	Arm	For screw fixing	
Overlaying			Zamak, nickel-plated	Zamak, nickel-plated	<b>F053139671</b>	
Overlaying			Zamak, night	Zamak, night	<b>F053139677</b>	

## COVER CAPS

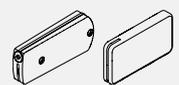
	Designation	Art.-no.
	Hinge arm cover cap, steel, nickel-plated	<b>F053139675</b>
	Hinge arm cover cap, steel, night	<b>F053139683</b>

## LINEAR ADAPTER PLATES

	Designation	Art.-no.
	Linear adapter plate, 1.5 mm, nickel-plated	<b>F053139676</b>
	Linear adapter plate, 1.5 mm, night	<b>F053139684</b>
	Adapter plate, 7 mm, nickel-plated	<b>F053139688</b>
	Adapter plate, 7 mm, night	<b>F053139689</b>

## KINVARO D FLAP STAY

**Kinvaro D-S flap stay and Kinvaro D-M flap stay with cover cap**  
(further information available in the Kinvaro catalogue and at [www.grass.eu](http://www.grass.eu))



Designation	Spring	Colour	Art.-no.
Kinvaro D-S flap stay incl. front holder and fixing screws	40N	White	<b>F053139664</b>
		Night	<b>F053139665</b>
	60N	White	<b>F053139666</b>
		Night	<b>F053139667</b>
Kinvaro D-M flap stay incl. front holder and fixing screws	60N	Grey	<b>F053139661</b>
	100N	Grey	<b>F053139662</b>
	160N	Grey	<b>F053139686</b>
	200N	Grey	<b>F053139687</b>
Cover cap for Kinvaro D-M White, Night, Smoke		White	<b>F053139668</b>
		Night	<b>F053139669</b>
		Smoke	<b>F053139670</b>

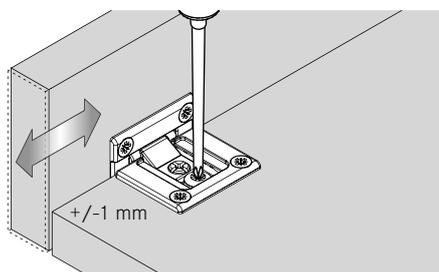
Assembly technology 328

**INSTALLATION INFORMATION**

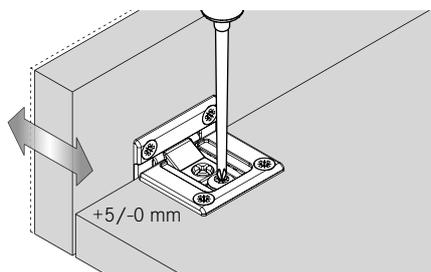
All dimensions in millimetres

Overlay, without linear adapter plate		Overlay, with linear adapter plate (1.5 mm, 1x)		Overlay, with linear adapter plate (1.5 mm, 2x)		Half overlay, with linear adapter plate (7 mm)																																																																									
<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>14</td><td>1</td></tr> <tr><td>15</td><td>1</td></tr> <tr><td>16</td><td>1</td></tr> <tr><td>17</td><td>1</td></tr> <tr><td>18</td><td>1</td></tr> <tr><td>19</td><td>1</td></tr> <tr><td>20</td><td>1.5</td></tr> <tr><td>21</td><td>2.5</td></tr> </tbody> </table>		Minimum gap width (F)		14	1	15	1	16	1	17	1	18	1	19	1	20	1.5	21	2.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>14</td><td>1</td></tr> <tr><td>15</td><td>1</td></tr> <tr><td>16</td><td>1</td></tr> <tr><td>17</td><td>1</td></tr> <tr><td>18</td><td>1</td></tr> <tr><td>19</td><td>1</td></tr> <tr><td>20</td><td>1.5</td></tr> <tr><td>21</td><td>2.5</td></tr> </tbody> </table>		Minimum gap width (F)		14	1	15	1	16	1	17	1	18	1	19	1	20	1.5	21	2.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>14</td><td>1</td></tr> <tr><td>15</td><td>1</td></tr> <tr><td>16</td><td>1</td></tr> <tr><td>17</td><td>1</td></tr> <tr><td>18</td><td>1</td></tr> <tr><td>19</td><td>1</td></tr> <tr><td>20</td><td>1.5</td></tr> <tr><td>21</td><td>2.5</td></tr> </tbody> </table>		Minimum gap width (F)		14	1	15	1	16	1	17	1	18	1	19	1	20	1.5	21	2.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>14</td><td>1</td></tr> <tr><td>15</td><td>1</td></tr> <tr><td>16</td><td>1</td></tr> <tr><td>17</td><td>1</td></tr> <tr><td>18</td><td>1</td></tr> <tr><td>19</td><td>1</td></tr> <tr><td>20</td><td>1.5</td></tr> <tr><td>21</td><td>2.5</td></tr> </tbody> </table>		Minimum gap width (F)		14	1	15	1	16	1	17	1	18	1	19	1	20	1.5	21	2.5
Minimum gap width (F)																																																																															
14	1																																																																														
15	1																																																																														
16	1																																																																														
17	1																																																																														
18	1																																																																														
19	1																																																																														
20	1.5																																																																														
21	2.5																																																																														
Minimum gap width (F)																																																																															
14	1																																																																														
15	1																																																																														
16	1																																																																														
17	1																																																																														
18	1																																																																														
19	1																																																																														
20	1.5																																																																														
21	2.5																																																																														
Minimum gap width (F)																																																																															
14	1																																																																														
15	1																																																																														
16	1																																																																														
17	1																																																																														
18	1																																																																														
19	1																																																																														
20	1.5																																																																														
21	2.5																																																																														
Minimum gap width (F)																																																																															
14	1																																																																														
15	1																																																																														
16	1																																																																														
17	1																																																																														
18	1																																																																														
19	1																																																																														
20	1.5																																																																														
21	2.5																																																																														
Flap thickness (TS)		Flap thickness (TS)		Flap thickness (TS)		Flap thickness (TS)																																																																									

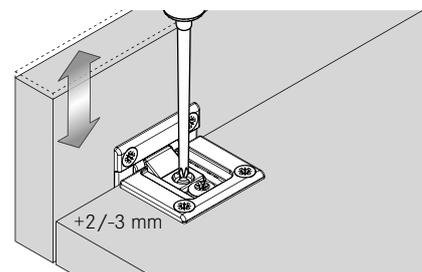
**SIDE ADJUSTMENT**



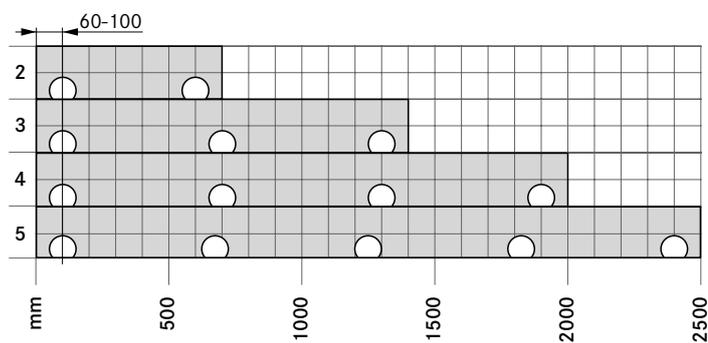
**DEPTH ADJUSTMENT**



**HEIGHT ADJUSTMENT**



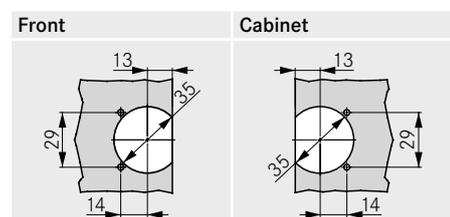
**NUMBER OF HINGES**



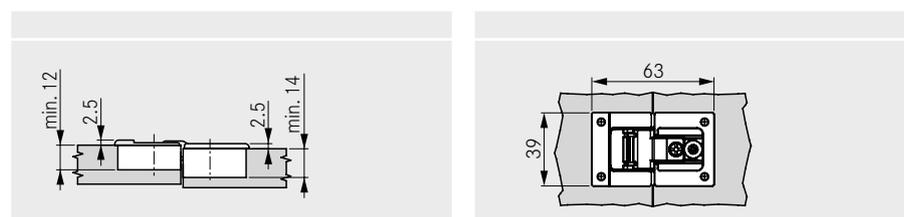
**NOTES**

Use chipboard screws  $\varnothing 3.5 \times 15$  mm (not included in the delivery) to attach the hinge to the flap and base panel.  
Hinge dimensions and reveal calculation with factory setting.

**DRILLING PATTERNS**



**CUP DIMENSIONS**



Tiomas  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# TIOMOS FLAP HINGE

90° hinge (flap thickness from 22 to 30 mm)



- Modern design
- 90° opening angle
- For flap hinges of up to 30 mm
- Narrow gaps between door and cabinet
- Large overlay of up to 19 mm
- 17 mm cup depth
- 3-dimensional adjustment
- Very suitable for combining with the Kinvaro D flap stays

**Note:**

- Please order the Kinvaro D flap stay separately

## ORDER INFORMATION

Door overlay			Material		Art.-no.	
			Cup	Arm	For screw fixing	
Overlaying			Zamak, nickel-plated	Zamak, nickel-plated	<b>F053139672</b>	
Overlaying			Zamak, night	Zamak, night	<b>F053139678</b>	

## COVER CAPS

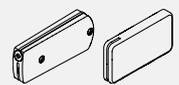
	Designation	Art.-no.
	Hinge arm cover cap, steel, nickel-plated	<b>F053139675</b>
	Hinge arm cover cap, steel, night	<b>F053139683</b>

## LINEAR ADAPTER PLATES

	Designation	Art.-no.
	Linear adapter plate, 1.5 mm, nickel-plated	<b>F053139676</b>
	Linear adapter plate, 1.5 mm, night	<b>F053139684</b>
	Adapter plate, 7 mm, nickel-plated	<b>F053139688</b>
	Adapter plate, 7 mm, night	<b>F053139689</b>

## KINVARO D FLAP STAY

**Kinvaro D-S flap stay and Kinvaro D-M flap stay with cover cap**  
(further information available in the Kinvaro catalogue and at [www.grass.eu](http://www.grass.eu))



Designation	Spring	Colour	Art.-no.
Kinvaro D-S flap stay incl. front holder and fixing screws	40N	White	<b>F053139664</b>
		Night	<b>F053139665</b>
	60N	White	<b>F053139666</b>
		Night	<b>F053139667</b>
Kinvaro D-M flap stay incl. front holder and fixing screws	60N	Grey	<b>F053139661</b>
	100N	Grey	<b>F053139662</b>
	160N	Grey	<b>F053139686</b>
	200N	Grey	<b>F053139687</b>
Cover cap for Kinvaro D-M White, Night, Smoke		White	<b>F053139668</b>
		Night	<b>F053139669</b>
		Smoke	<b>F053139670</b>

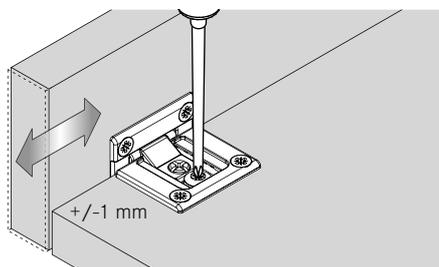
Assembly technology 328

**INSTALLATION INFORMATION**

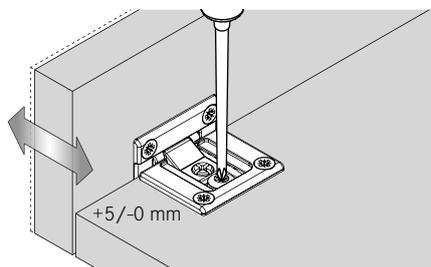
All dimensions in millimetres

Overlay, without linear adapter plate		Overlay, with linear adapter plate (1.5 mm, 1x)		Overlay, with linear adapter plate (1.5 mm, 2x)		Half overlay, with linear adapter plate (7 mm)																																																																																	
<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>22</td><td>1</td></tr> <tr><td>23</td><td>1</td></tr> <tr><td>24</td><td>1</td></tr> <tr><td>25</td><td>1.5</td></tr> <tr><td>26</td><td>2.5</td></tr> <tr><td>27</td><td>3.5</td></tr> <tr><td>28</td><td>4.5</td></tr> <tr><td>29</td><td>5.5</td></tr> <tr><td>30</td><td>6.5</td></tr> </tbody> </table>		Minimum gap width (F)		22	1	23	1	24	1	25	1.5	26	2.5	27	3.5	28	4.5	29	5.5	30	6.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>22</td><td>1</td></tr> <tr><td>23</td><td>1</td></tr> <tr><td>24</td><td>1</td></tr> <tr><td>25</td><td>1.5</td></tr> <tr><td>26</td><td>2.5</td></tr> <tr><td>27</td><td>3.5</td></tr> <tr><td>28</td><td>4.5</td></tr> <tr><td>29</td><td>5.5</td></tr> <tr><td>30</td><td>6.5</td></tr> </tbody> </table>		Minimum gap width (F)		22	1	23	1	24	1	25	1.5	26	2.5	27	3.5	28	4.5	29	5.5	30	6.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>22</td><td>1</td></tr> <tr><td>23</td><td>1</td></tr> <tr><td>24</td><td>1</td></tr> <tr><td>25</td><td>1.5</td></tr> <tr><td>26</td><td>2.5</td></tr> <tr><td>27</td><td>3.5</td></tr> <tr><td>28</td><td>4.5</td></tr> <tr><td>29</td><td>5.5</td></tr> <tr><td>30</td><td>6.5</td></tr> </tbody> </table>		Minimum gap width (F)		22	1	23	1	24	1	25	1.5	26	2.5	27	3.5	28	4.5	29	5.5	30	6.5	<table border="1"> <thead> <tr> <th colspan="2">Minimum gap width (F)</th> </tr> </thead> <tbody> <tr><td>22</td><td>1</td></tr> <tr><td>23</td><td>1</td></tr> <tr><td>24</td><td>1</td></tr> <tr><td>25</td><td>1.5</td></tr> <tr><td>26</td><td>2.5</td></tr> <tr><td>27</td><td>3.5</td></tr> <tr><td>28</td><td>4.5</td></tr> <tr><td>29</td><td>5.5</td></tr> <tr><td>30</td><td>6.5</td></tr> </tbody> </table>		Minimum gap width (F)		22	1	23	1	24	1	25	1.5	26	2.5	27	3.5	28	4.5	29	5.5	30	6.5
Minimum gap width (F)																																																																																							
22	1																																																																																						
23	1																																																																																						
24	1																																																																																						
25	1.5																																																																																						
26	2.5																																																																																						
27	3.5																																																																																						
28	4.5																																																																																						
29	5.5																																																																																						
30	6.5																																																																																						
Minimum gap width (F)																																																																																							
22	1																																																																																						
23	1																																																																																						
24	1																																																																																						
25	1.5																																																																																						
26	2.5																																																																																						
27	3.5																																																																																						
28	4.5																																																																																						
29	5.5																																																																																						
30	6.5																																																																																						
Minimum gap width (F)																																																																																							
22	1																																																																																						
23	1																																																																																						
24	1																																																																																						
25	1.5																																																																																						
26	2.5																																																																																						
27	3.5																																																																																						
28	4.5																																																																																						
29	5.5																																																																																						
30	6.5																																																																																						
Minimum gap width (F)																																																																																							
22	1																																																																																						
23	1																																																																																						
24	1																																																																																						
25	1.5																																																																																						
26	2.5																																																																																						
27	3.5																																																																																						
28	4.5																																																																																						
29	5.5																																																																																						
30	6.5																																																																																						
Flap thickness (TS)		Flap thickness (TS)		Flap thickness (TS)		Flap thickness (TS)																																																																																	

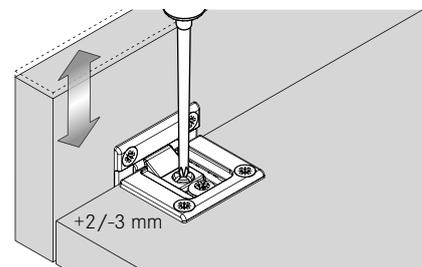
**SIDE ADJUSTMENT**



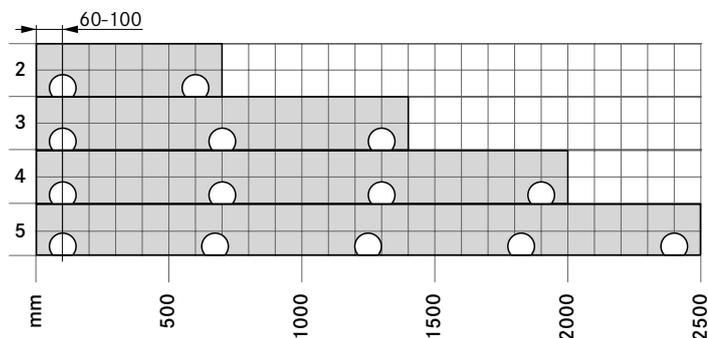
**DEPTH ADJUSTMENT**



**HEIGHT ADJUSTMENT**



**NUMBER OF HINGES**

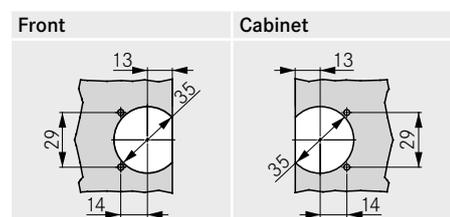


**NOTES**

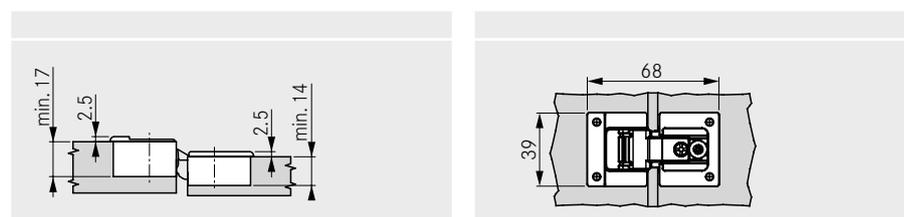
Use chipboard screws Ø 3.5 x 15 mm (not included in the delivery) to attach the hinge to the flap and base panel.

Hinge dimensions and reveal calculation with factory setting.

**DRILLING PATTERNS**



**CUP DIMENSIONS**



Timos  
Nexis  
Special hinges  
Single-joint hinges  
Cabinet making accessories

# TIOMOS H

105° hinge



- Hinge system recessed in the top and bottom cabinet panels
- No attachment required to the cabinet sides
- No loss of space in the cabinet due to lateral hinges
- Suitable for modern, open furniture design, e.g. with glass partitions
- 105° opening angle
- 3-dimensional adjustment
- For door thicknesses from 18 mm
- Surfaces: nickel-plated or night
- Up to 17 kg load capacity

### Available in 2 versions:

- With integrated damper (Soft-close)
- With integrated self-opening mechanism (Tipmatic Plus)

## ORDER INFORMATION

Door overlay			Material	Scope of delivery	Art.-no.	
					Soft-close	Tipmatic Plus
Overlying			Zamak, nickel-plated	Tiomos H (2x) Cover cap (2x) Screw set (1x)	<b>F05 1139 126</b>	<b>F05 1140926</b>
Overlying			Zamak, night	Tiomos H (2x) Cover cap (2x) Screw set (1x)	<b>F05 1139 125</b>	<b>F05 1140927</b>

Door overlay			Material	Position	Art.-no.	
					Soft-close	Tipmatic Plus
Overlying			Zamak, nickel-plated		<b>F053 140954</b>	<b>F053 140916</b>
					<b>F053 140955</b>	<b>F053 140917</b>
Overlying			Zamak, night		<b>F053 140952</b>	<b>F053 140914</b>
					<b>F053 140953</b>	<b>F053 140915</b>

Recommended screws for cabinet connection (not included in the scope of supply): Countersunk screw Ø 3.5 x 40 mm / Ø 3.5 x 50 mm / Ø 3.5 x 60 mm / Ø 3.5 x 70 mm

## COVER CAPS

	Designation	Art.-no.
	Hinge cover cap, plastic, grey	<b>F072 140921</b>
	Hinge cover cap, plastic, night	<b>F072 140920</b>

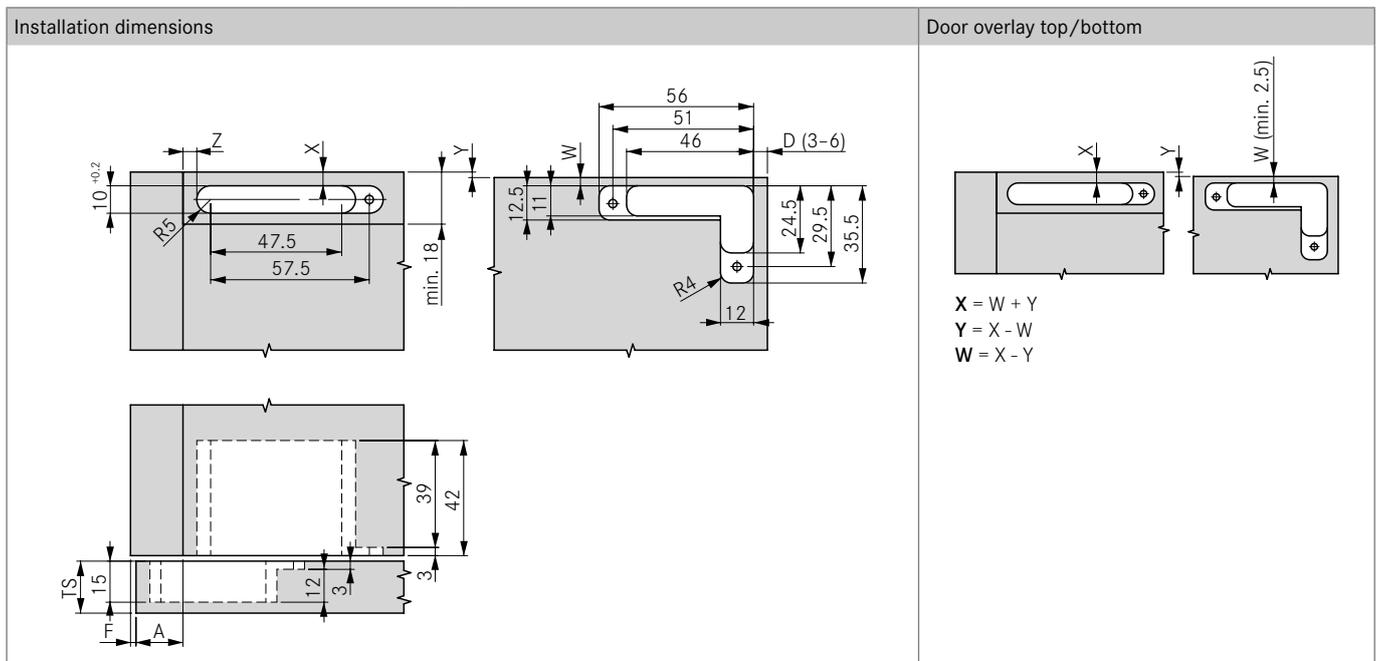
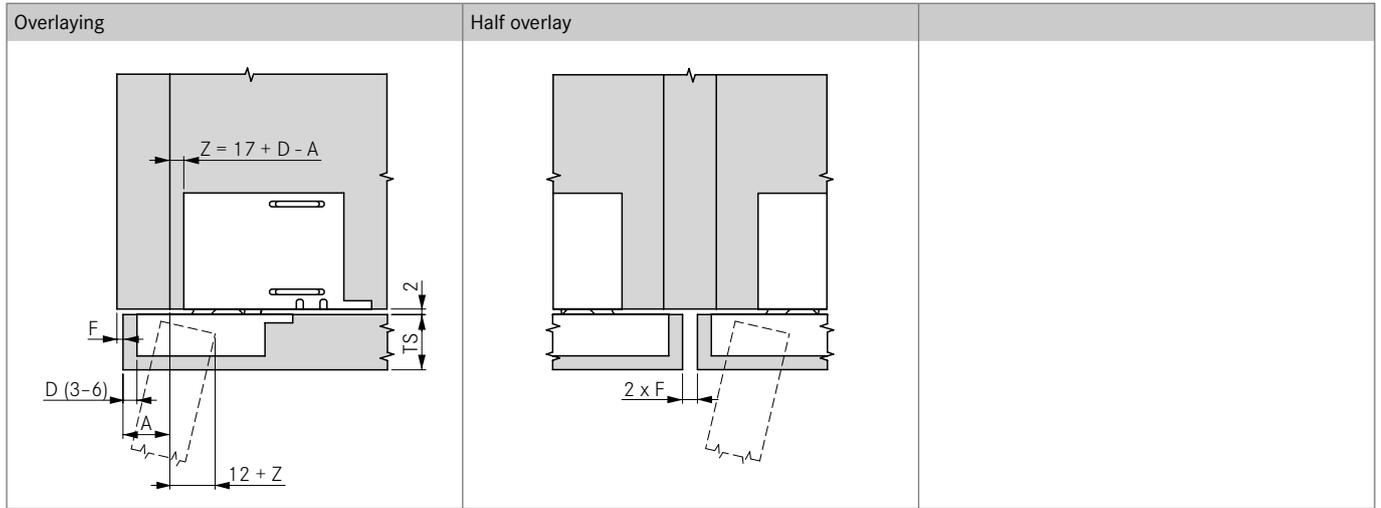
## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Plus Pin for handle-free furniture doors	<b>F069 135061</b>		Tiomos H wood screw set for door connection, night	<b>F072 140913</b>
	Tiomos H wood screw set for door connection, nickel-plated	<b>F072 140912</b>			

Assembly technology	328
Tipmatic Plus Pin	280

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP WIDTH (F)

Door thickness (TS)	D			
	3	4	5	6
32.0	4.7	4.2	3.9	3.7
30.0	3.1	2.9	2.8	2.7
28.0	2.1	2.0	2.0	1.9
26.0	1.4	1.4	1.3	1.3
24.0	0.9	0.9	0.8	0.8
22.0	0.5	0.5	0.5	0.5
20.0	0.2	0.2	0.2	0.2
18.0	0.0	0.0	0.0	0.0

Minimum gap width (F)

LATERAL DOOR OVERLAY

Door overlay (A)	D			
	3	4	5	6
23.0				0
22.0			0	1
21.0		0	1	2
20.0	0	1	2	3
19.0	1	2	3	4
18.0	2	3	4	5
17.0	3	4	5	6
16.0	4	5	6	
15.0	5	6		
14.0	6			

Z (Z = 17 + D - A)

NOTES

Notes: For heavy doors with a weight of up to 17 kgs we recommend a cabinet thickness of at least 22 mm.

# TIOMOS H AL

105° hinge



- Hinge system recessed in the top and bottom cabinet panels
- No attachment required to the cabinet sides
- No loss of space in the cabinet due to lateral hinges
- Suitable for modern, open furniture design, e.g. with glass partitions
- 105° opening angle
- 3-dimensional adjustment
- Surfaces: nickel-plated or night
- Up to 17 kg load capacity

### Available in 2 versions:

- With integrated damper (Soft-close)
- With integrated self-opening mechanism (Tipmatic Plus)

## ORDER INFORMATION

Door overlay		Material	Scope of delivery	Art.-no.	
				Soft-close	Tipmatic Plus
Overlying		Zamak, nickel-plated	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	<b>F051139128</b>	<b>F051140924</b>
Overlying		Zamak, night	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	<b>F051139148</b>	<b>F051140925</b>

Door overlay		Material	Position	Art.-no.	
				Soft-close	Tipmatic Plus
Overlying		Zamak, nickel-plated		<b>F053140954</b>	<b>F053140916</b>
				<b>F053140955</b>	<b>F053140917</b>
Overlying		Zamak, night		<b>F053140952</b>	<b>F053140914</b>
				<b>F053140953</b>	<b>F053140915</b>

Recommended screws for cabinet connection (not included in the scope of supply): Countersunk screw  $\varnothing$  3.5 x 40 mm /  $\varnothing$  3.5 x 50 mm /  $\varnothing$  3.5 x 60 mm /  $\varnothing$  3.5 x 70 mm

## COVER CAPS

	Designation	Art.-no.
	Hinge cover cap, plastic, grey	<b>F072140921</b>
	Hinge cover cap, plastic, night	<b>F072140920</b>

## ALUMINIUM FRAME

	Designation	Art.-no.
	Tiomos H AL aluminium profile, 3000 mm, peltro (anodised, tin colour finish), incl. sealing profile	<b>F051139127</b>
	Tiomos H AL aluminium profile, 3000 mm, not treated, incl. sealing profile	<b>F051140922</b>
	Tiomos H AL corner connector, Zamak, left	<b>F072140919</b>
	Tiomos H AL corner connector, Zamak, right	<b>F072140918</b>
	Tiomos H AL aluminium pull, 120 mm, peltro (anodised, tin colour finish)	<b>F072135955</b>
	Tiomos H AL aluminium pull, 120 mm, not treated	<b>F072140923</b>

## ACCESSORIES

	Designation	Art.-no.		Designation	Art.-no.
	Tipmatic Plus Pin for handle-free furniture doors	<b>F069135061</b>			
	Countersunk screw, M4 x 10 mm, PH, night	<b>F0723135967</b>			

INSTALLATION INFORMATION

All dimensions in millimetres

Overlying	Half overlay	Rebate for pull
		<p>Screws not included in the delivery.</p>

Installation dimensions	Door overlay top/bottom
	<p> <math>X = W + Y</math>  <math>Y = X - W</math>  <math>W = X - Y</math> </p>
	<p>Glass dimensions</p> <p>FB = front width / FH = front height</p>

MINIMUM GAP WIDTH (F)

Door thickness (TS)	D	F
	2.6	
32.0	4.7	
30.0	3.1	
28.0	2.1	
26.0	1.4	
24.0	0.9	
22.0	0.5	
20.0	0.2	
18.0	0.0	
Minimum gap width (F)		

LATERAL DOOR OVERLAY

Door overlay (A)	D	Z
	2.6	
17.0	2.6	
16.0	3.6	
15.0	4.6	
14.0	5.6	
13.0	6.6	
12.0	7.6	
11.0	8.6	
Z (Z = 17 + D - A)		

NOTES

Notes: For heavy doors with a weight of up to 17 kgs we recommend a cabinet thickness of at least 22 mm.

# 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		Art.-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	328
-------------------------	-----

--	--

--	--

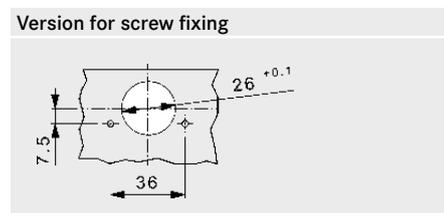
INSTALLATION INFORMATION

All dimensions in millimetres

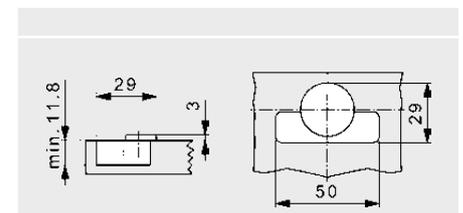
Full overlay		A 90		Half overlay		A 90		Inset		E 90	
										<p>(TS) = door thickness</p>	
Door overlay	Cup distance			Door overlay	Cup distance			Door reveal (F)	Cup distance		
	15	4			6	4			4	4	
	16	5			7	5			3	5	
	17	6			8	6			2	6	

Position of holes for fixing hinge to cabinet		A 90		E 90	

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		Art.-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	Art.-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	Art.-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 328

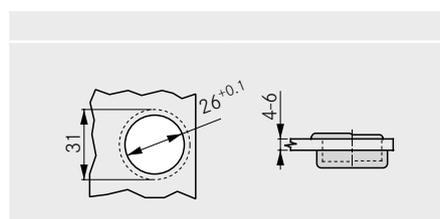
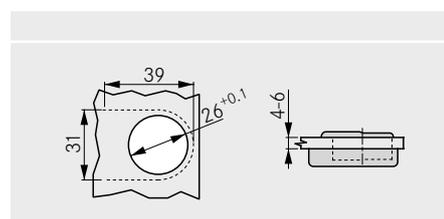
INSTALLATION INFORMATION

All dimensions in millimetres

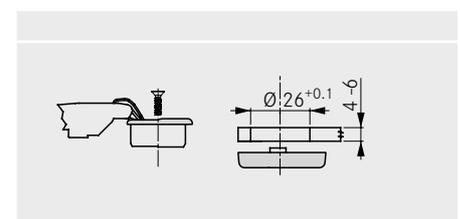
Half overlay		A 90GL	Inset		E 90GL																																				
				(TS) = door thickness																																					
Door overlay	<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>6</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>6</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> </tbody> </table>					Cup distance						6	4					7	5					8	6																
	Cup distance																																								
	6	4																																							
	7	5																																							
	8	6																																							
Door reveal (F)	<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>6</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> </tbody> </table>					Cup distance						4	4					3	5					2	6																
	Cup distance																																								
	4	4																																							
	3	5																																							
	2	6																																							

Position of holes for fixing hinge to cabinet	

DRILLING PATTERNS



CUP DIMENSIONS



# 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		Art.-no.	
			Cup	Arm		
Inset		 1	Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073792</b>	
		 2				

<sup>1</sup> Left at the top / right at the bottom

<sup>2</sup> Right at the top / left at the bottom

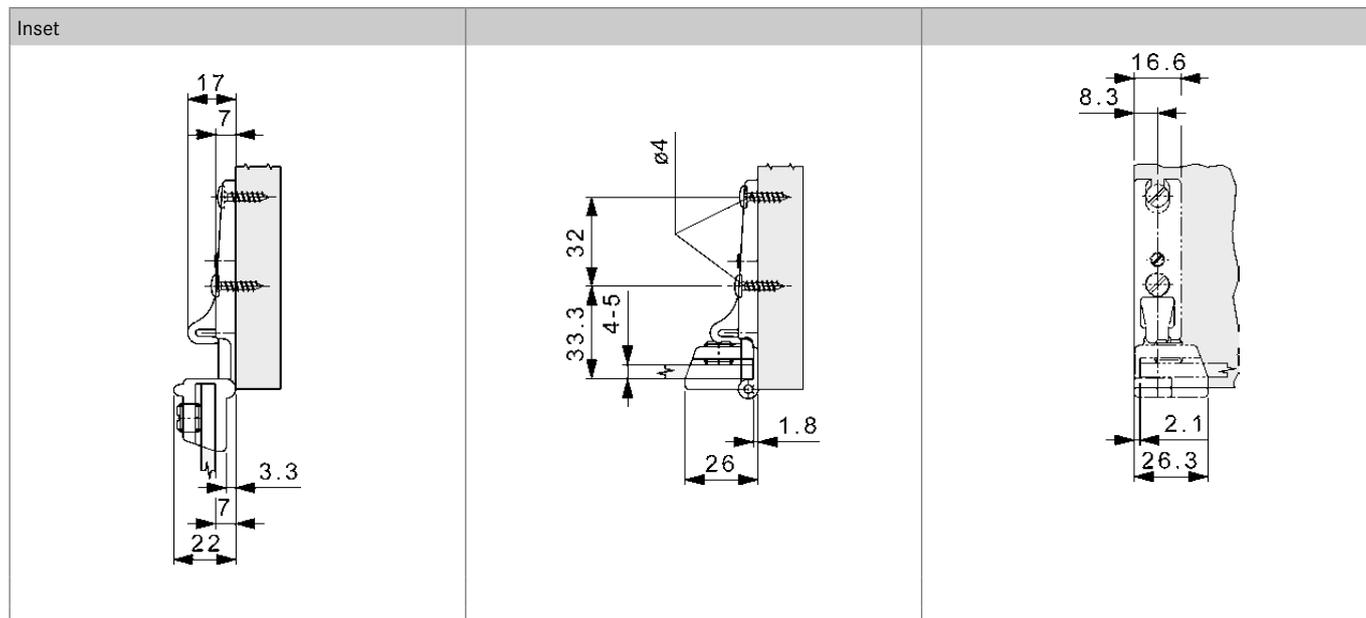
## PULL

	Designation	Art.-no.
	Zamak, nickel-plated, fixing with self-adhesive pad	<b>F069073457</b>

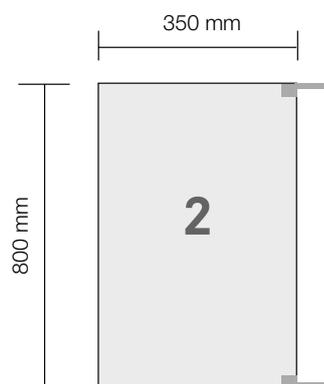
Installation technology 328

INSTALLATION INFORMATION

All dimensions in millimetres



NUMBER OF HINGES



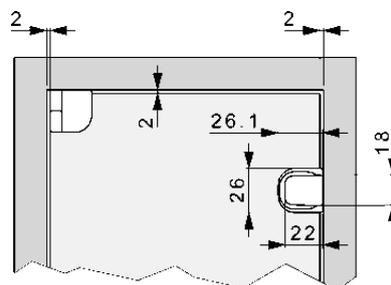
INSTALLATION INSTRUCTIONS

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



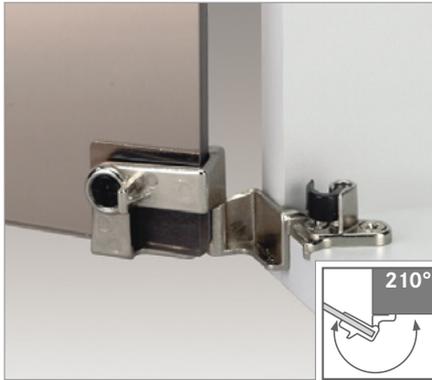
INSTALLING THE PULL

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).

# 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		Art.-no.	
				Cup	Arm		
Full overlay				Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073783</b>	
				Zamak, nickel-plated	Zamak, nickel-plated	<b>F078073785</b>	

<sup>1</sup> Left at the top / right at the bottom

<sup>2</sup> Right at the top / left at the bottom

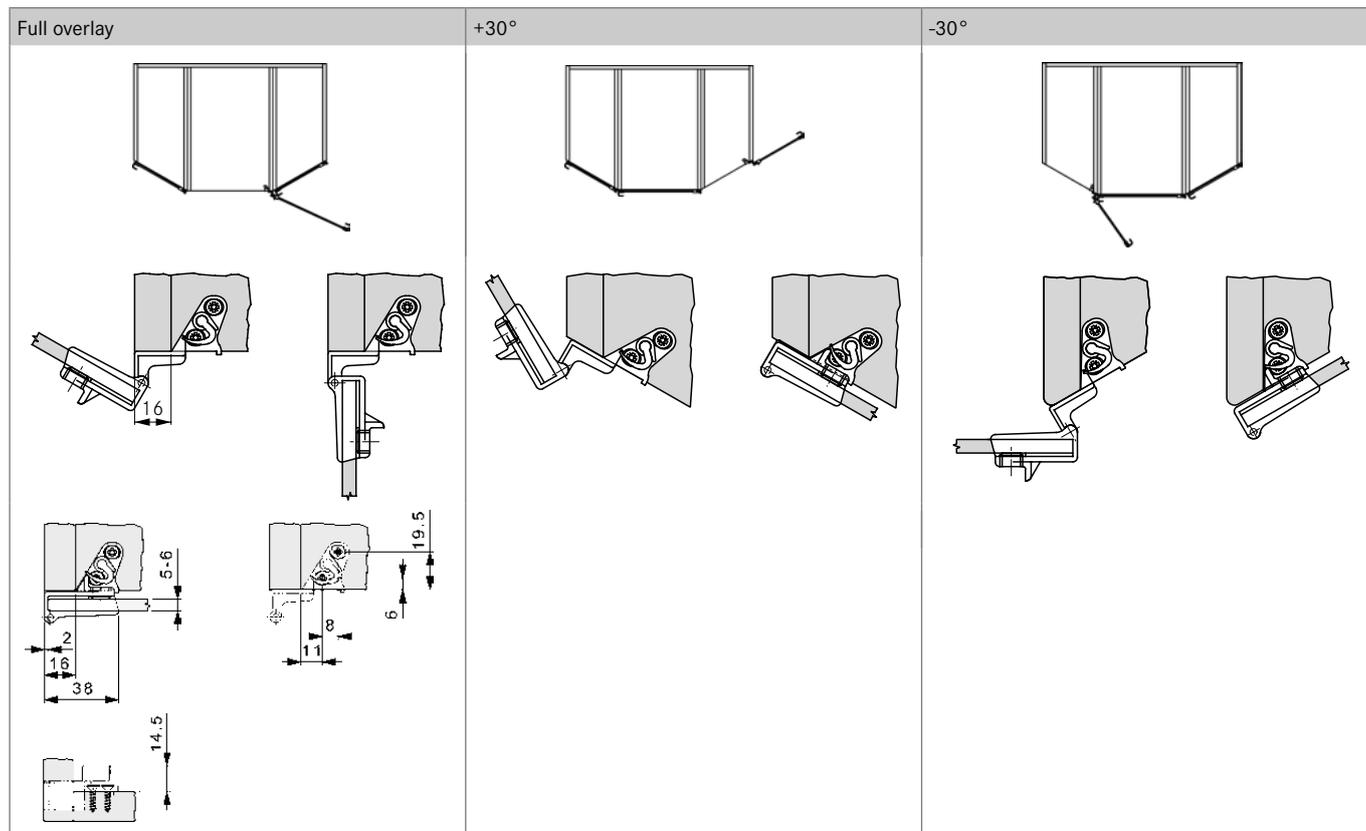
## PULL

	Designation	Art.-no.
	Zamak, nickel-plated, fixing with self-adhesive pad	<b>F069073457</b>

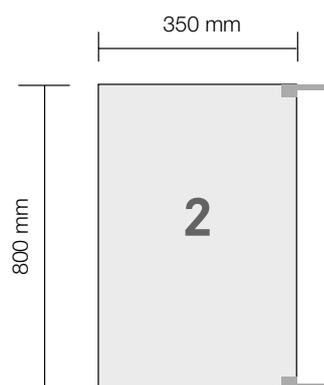
Installation technology 328

**INSTALLATION INFORMATION**

All dimensions in millimetres



**NUMBER OF HINGES**



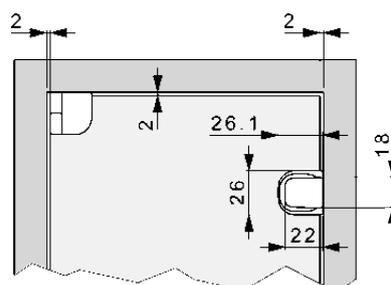
**INSTALLATION INSTRUCTIONS**

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).



#### SINGLE-JOINT HINGES

Functional movement systems  
for furniture in offices and public buildings.

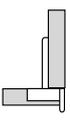
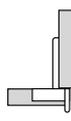
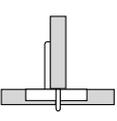
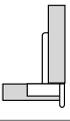
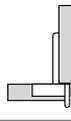
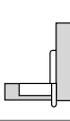
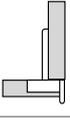
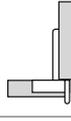
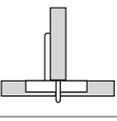
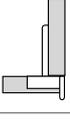
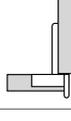
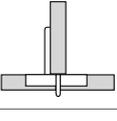
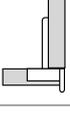
QUALITY CERTIFICATE  
**LGAD**

#### **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
230° 180°		<b>Single-joint hinge MB-20</b> <ul style="list-style-type: none"> <li>Reveals (7,5/8/13,5 mm)</li> <li>Height adjustment</li> </ul>					304
270° 180°		<b>Single-joint hinge MB-6010</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>				-	306
230° 180°		<b>Single-joint hinge MB-6010</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>			-		308
270°		<b>Single-joint hinge MB-8010</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>		-	-	-	310
230° 180°		<b>Single-joint hinge MB-8010</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>	-		-		312
270°		<b>Single-joint hinge MB-8320</b> <ul style="list-style-type: none"> <li>Reveals (4 mm)</li> <li>Tool-free clip fitting of door</li> <li>Height adjustment via a cam</li> </ul>		-	-	-	314

	<b>Soft-close Pin</b> <ul style="list-style-type: none"> <li>Pneumatic damper</li> </ul>	316
	<b>Technical information</b>	318
	<b>Installation technology</b>	328

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

# SINGLE-JOINT HINGE MB-20

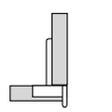
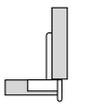
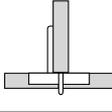
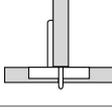
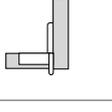
For narrow reveals



- Opening angle of 230° or 180°
- Reveal 7.5/8/13.5 mm
- Strong plug connection
- Side adjustment -2 mm
- Height adjustment by means of slots  $\pm 2$  mm
- Visible joint
- Two cups are required for a twin fitting for a hinge arm
- Hinge arms and cups must be ordered separately

## ORDER INFORMATION

### HINGE ARM

Door overlay		Designation	Material	Art.-no.
Full overlay (19 mm cabinet side) Reveal 7 mm		MB-20/581	Zamak, nickel-plated	<b>F150000005</b>
Half overlay (19 mm cabinet side) Reveal 13.5 mm		MB-20/531	Zamak, nickel-plated	<b>F150000003</b>
Twin fitting (19 mm cabinet side) Reveal 8 mm		MB-20/532	Zamak, nickel-plated	<b>F150000004</b>
Twin fitting (22 mm cabinet side) Reveal 8 mm		MB-20/542	Zamak, nickel-plated	<b>F150146061</b>
Inset Reveal 1-8 mm		MB-20/501	Zamak, nickel-plated	<b>F150146068</b>

### HINGE CUP

	For screw fixing	For press fitting
Hinge cup - suitable for MB-20, 45/9.5	<b>F150146079</b>	<b>F150146077</b>
Hinge cup - suitable for MB-20, 52/5.5	<b>F150000002</b>	<b>F150000001</b>

## ACCESSORIES

	Designation	Material	Art.-no.
	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>

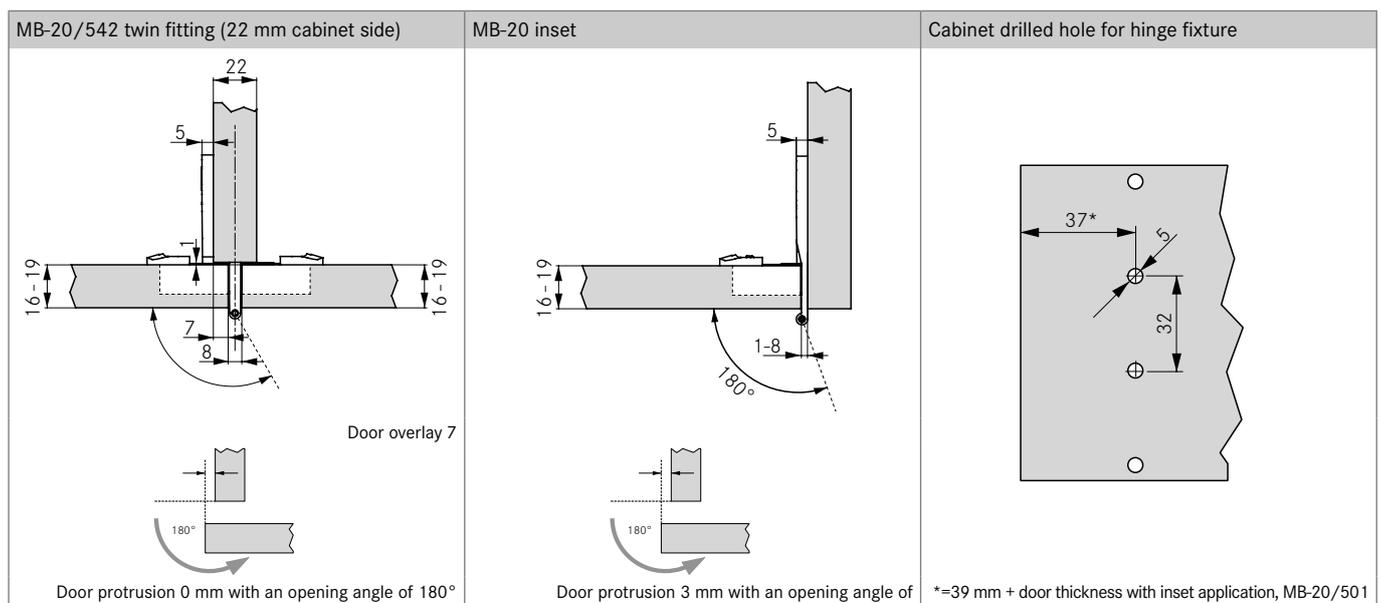
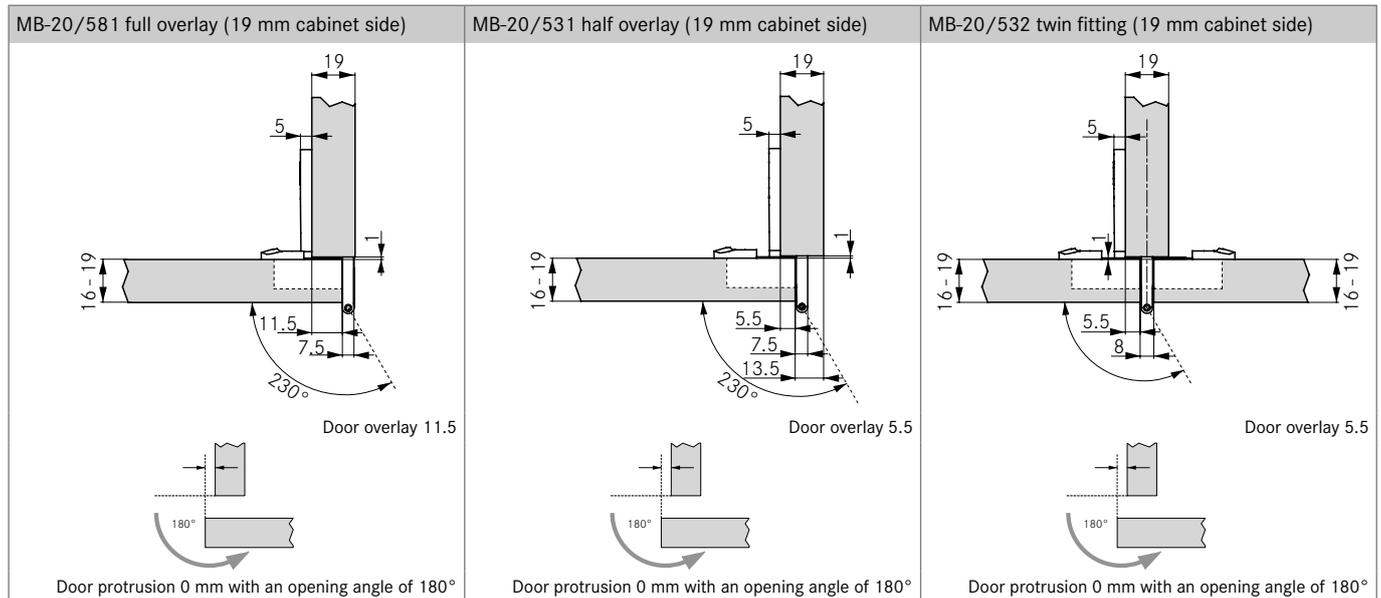
Soft-close Pin	316
Technical information	318

Installation technology	328
-------------------------	-----

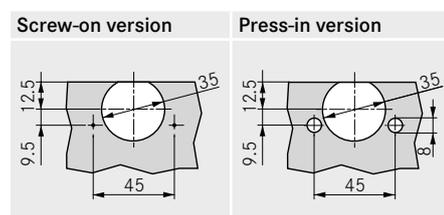
--	--

### INSTALLATION INFORMATION

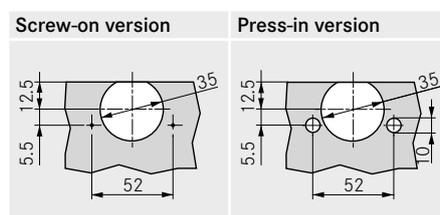
All dimensions in millimetres



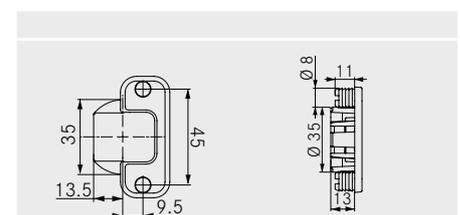
### DRILLING PATTERNS 45/9.5



### DRILLING PATTERNS 52/5.5



### CUP DIMENSIONS



# 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	Art.-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 MB-6000/MB-8000	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Art.-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>

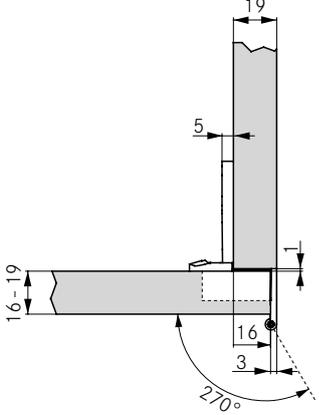
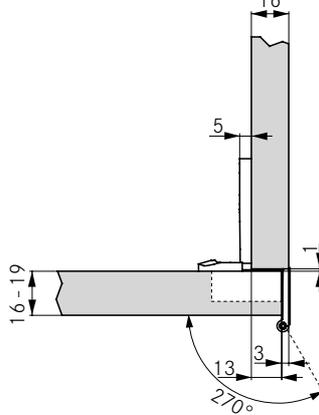
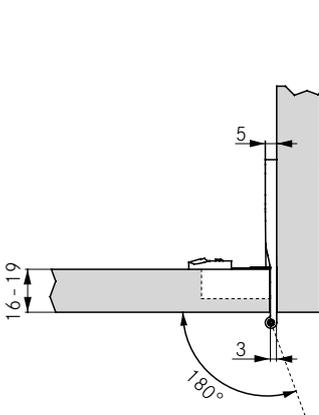
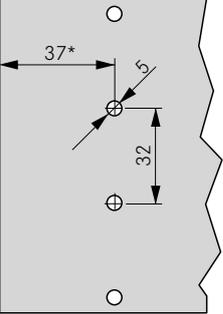
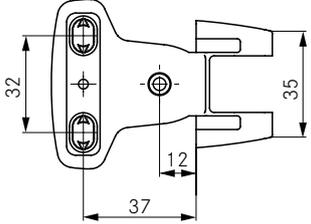
Soft-close Pin	316
Technical information	318

Installation technology	328
-------------------------	-----

--	--

### INSTALLATION INFORMATION

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>		

Tiomos

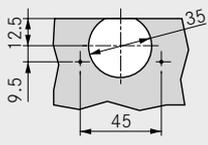
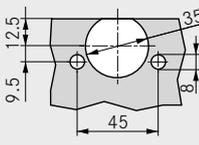
Nexis

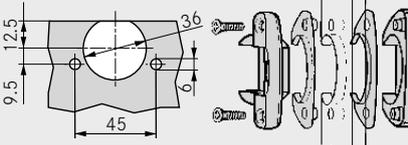
Special hinges

Single-joint hinges

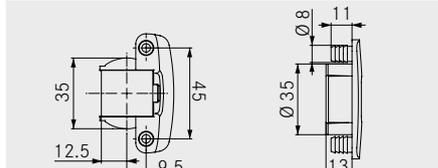
Cabinet making accessories

### DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


### CUP DIMENSIONS


---

# 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 ±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	Art.-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 MB-6000/MB-8000	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Art.-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>

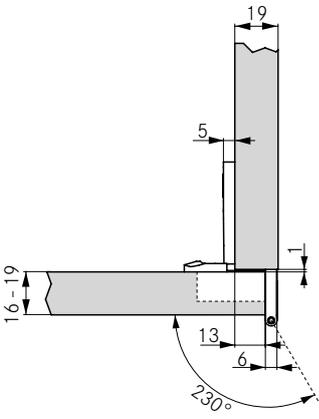
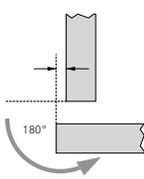
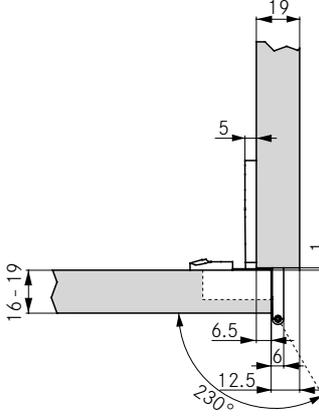
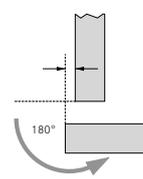
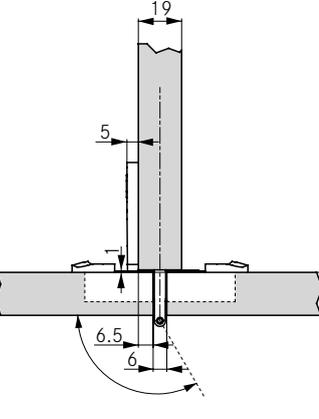
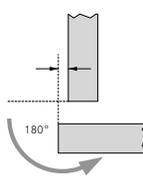
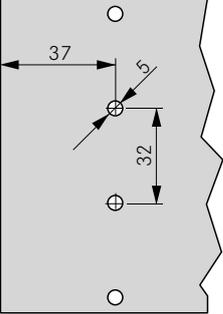
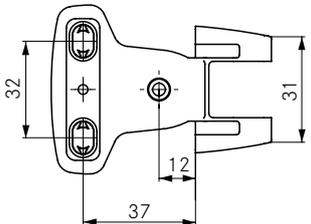
Soft-close Pin	316
Technical information	318

Installation technology	328
-------------------------	-----

--	--

**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	
		

Timos

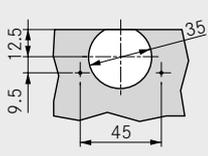
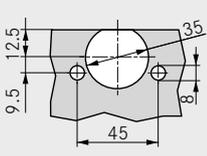
Nexis

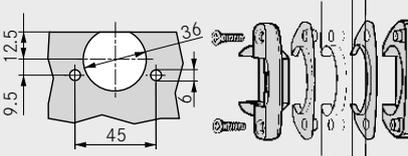
Special hinges

Single-joint hinges

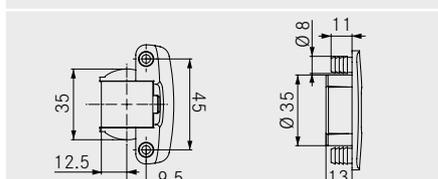
Cabinet making accessories

**DRILLING PATTERNS**

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


**CUP DIMENSIONS**


---

# 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 ±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	Art.-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 MB-6000/MB-8000	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Art.-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>

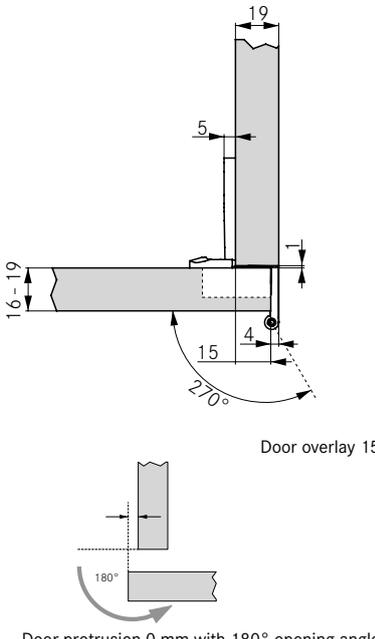
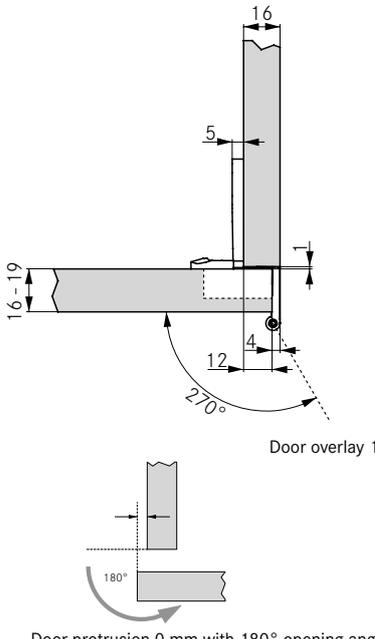
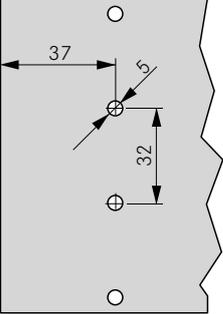
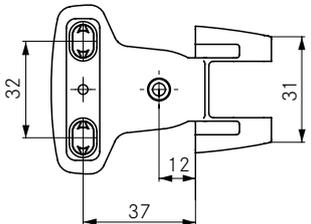
Soft-close Pin	316
Technical information	318

Installation technology	328
-------------------------	-----

--	--

**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	
		

Timos

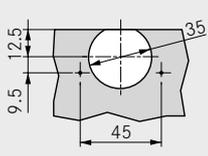
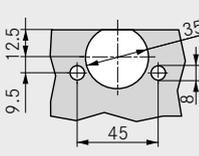
Nexis

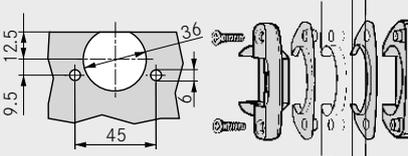
Special hinges

Single-joint hinges

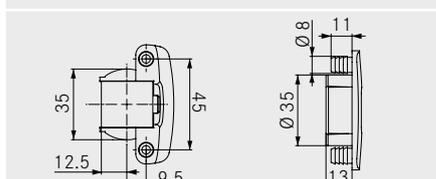
Cabinet making accessories

**DRILLING PATTERNS**

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


**CUP DIMENSIONS**


---

# 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  $\pm 2$  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	Art.-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 MB-6000/MB-8000	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Art.-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>

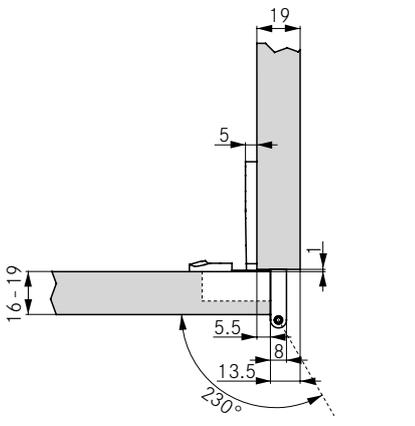
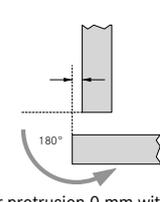
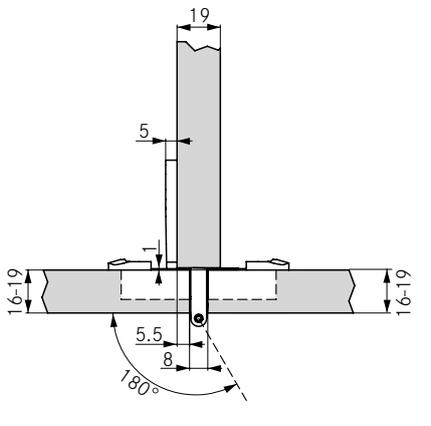
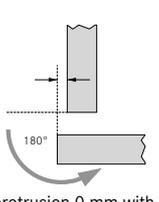
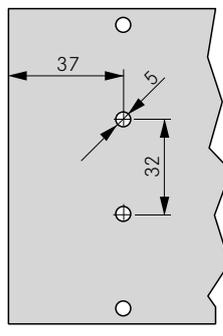
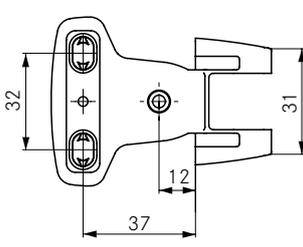
Soft-close Pin	316
Technical information	318

Installation technology	328
-------------------------	-----

--	--

**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

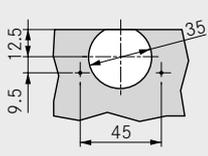
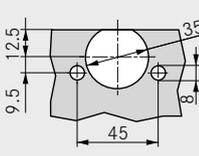
Nexis

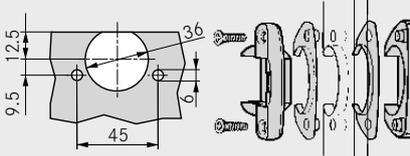
Special hinges

Single-joint hinges

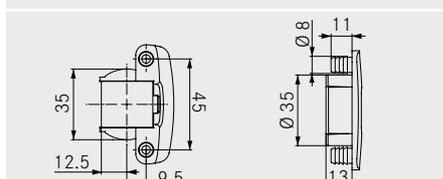
Cabinet making accessories

**DRILLING PATTERNS**

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


**CUP DIMENSIONS**


---

# SINGLE-JOINT HINGE MB-8320

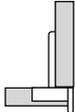
With direct height adjustment



- 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	Art.-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 MB-6000/MB-8000	<b>F150000006</b>	<b>F150000021</b>

## ACCESSORIES

	Designation	Material	Art.-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	316
Technical information	318

Installation technology	328
-------------------------	-----

--	--

**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

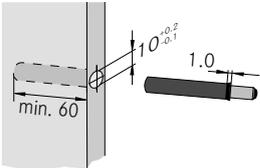
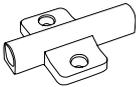
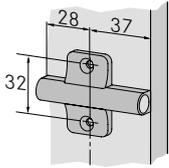
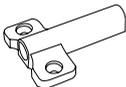
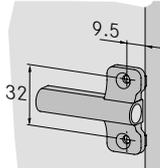
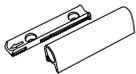
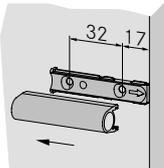
# SOFT-CLOSE PIN

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

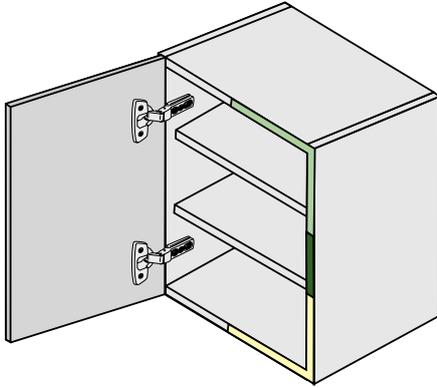
## ORDER INFORMATION

Soft-close Pin	Fitting into a drill hole	Art.-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> 		<p><b>F069066528</b></p>
Adapter plate for line hole drilling	Euro screws	Art.-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> 		<p><b>F069063310</b></p>
Pin adapter Tipmatic Plus	Screw fixing	Art.-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> 		<p><b>F069073697</b></p>
Pin linear adapter Tipmatic Plus	Screw fixing	Art.-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> 		<p><b>F069073696</b></p>

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.

Timos

Nexis

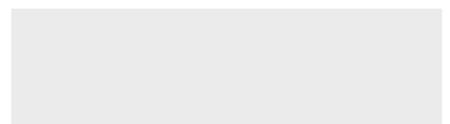
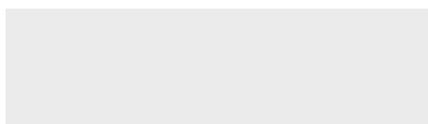
Special hinges

Single-joint hinges

Cabinet making accessories

LEGEND

BT Drilling depth



# SINGLE-JOINT HINGES

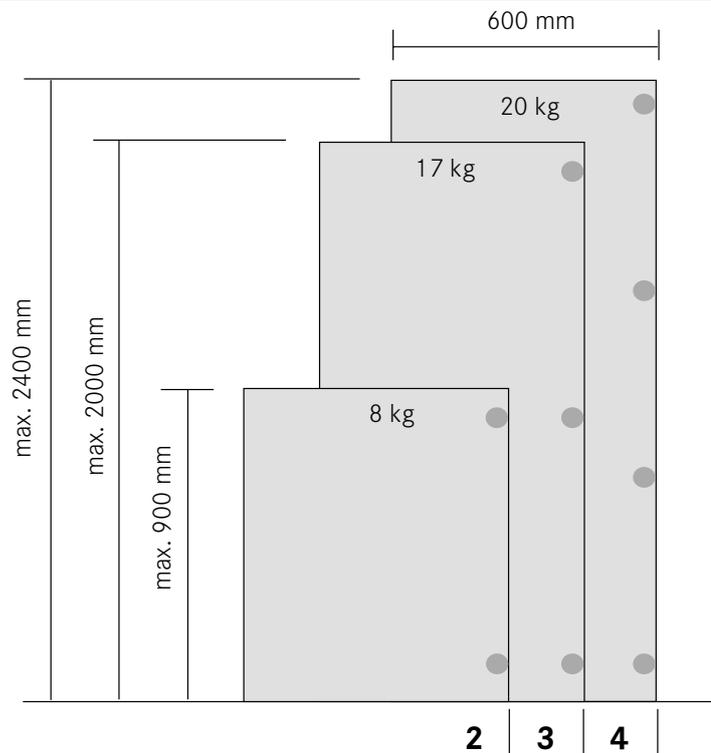
## Technical information

### 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

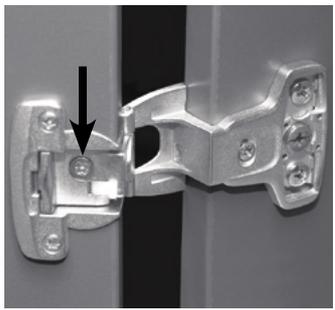
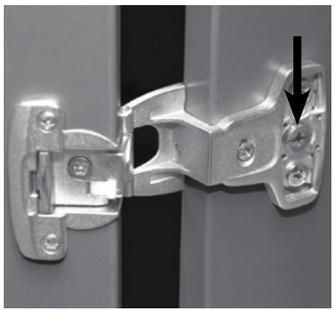
2 Euro collar screws  
(6.3 x 10.5 mm or 6.3 x 13.5 mm)

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>	

Timos

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	322
	Mitre joint fasteners, front panel adjuster, door buffers	324
	Eccentric connector FixoGRASS 9200	326
	Installation technology	328

Tiomos

Nexis

Special  
hinges

Single-joint  
hinges

Cabinet making  
accessories

# CABINET MAKING ACCESSORIES

## Shelf supports



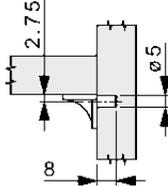
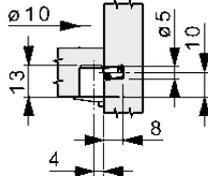
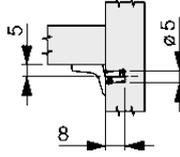
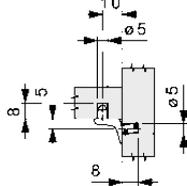
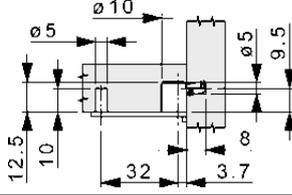
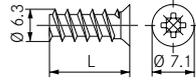
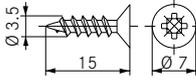
- Connecting shelf support FixoGRASS 9000
- Avoids possible buckling of cabinet side wall
- For heavily loaded shelves
- For shelves with a minimum thickness of 19 mm
- Clip prevents fitting from working loose

### ORDER INFORMATION

Designation			Material	Art.-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>
Housing			Plastic, white	<b>F148043056</b>
Expanding pin (for housing)			Steel, zink-plated	<b>F148043053</b>

Installation technology 328

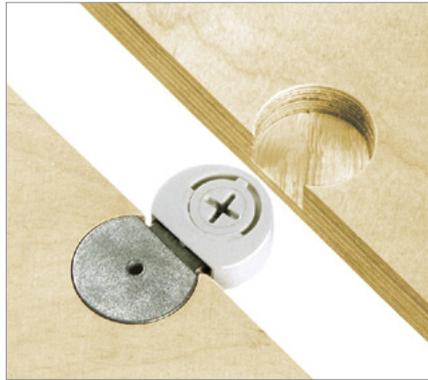
ORDER INFORMATION

Designation			Material	Art.-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>

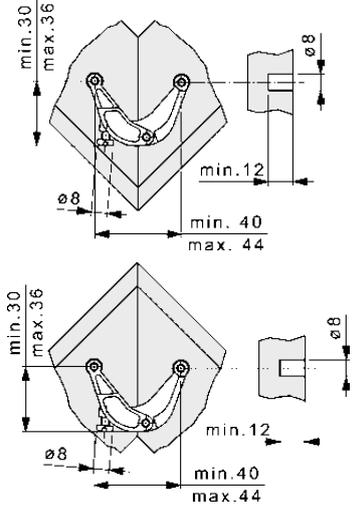
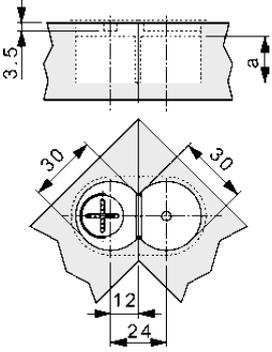
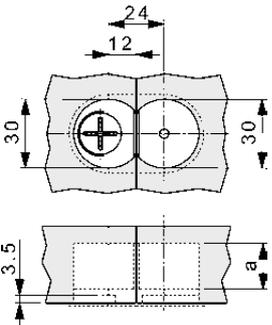
Installation technology 328

# CABINET MAKING ACCESSORIES

Mitre joint fasteners, front panel adjuster, door buffers



## ORDER INFORMATION

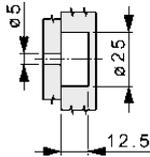
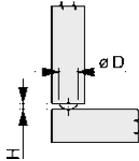
Designation			Material	Art.-no.
Mitre joint fastener			Zamak, natural	<b>F069073454</b>
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 12 mm			Zamak, natural plastic, white	<b>F069073453</b>
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 20 mm				<b>F069073452</b>

Installation technology

328



ORDER INFORMATION

Designation			Material	Art.-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>

Installation technology	328



# 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	Art.-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 328

INSTALLATION INFORMATION

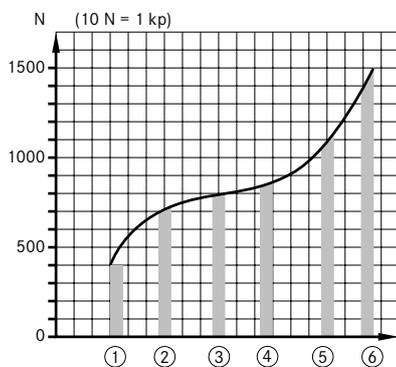
All dimensions in millimetres

Installation dimensions

Installation drawing with corner bolts      Installation drawing with countersunk bolts / twin bolts

Board thickness		14 - 16	17 - 20	21 - 23	
a		12.5	15.0	16.2	
b		8.0	9.5	11.0	

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

# 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	Art.-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>

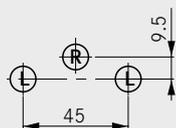
## DRILL BITS WITH SHANK Ø 10

	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	Art.-no.
	Pivoting lever for insertion die	<b>F146135861</b>
	Universal insertion die for Nexis and Tiomos hinges (other dies upon request)	<b>F146135821</b>
	Side stop left or right	<b>F146135810</b>
	Extension ruler, 800 mm left	<b>F146135957</b>
	Extension ruler, 800 mm right	<b>F146135958</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	Art.-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>

## 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

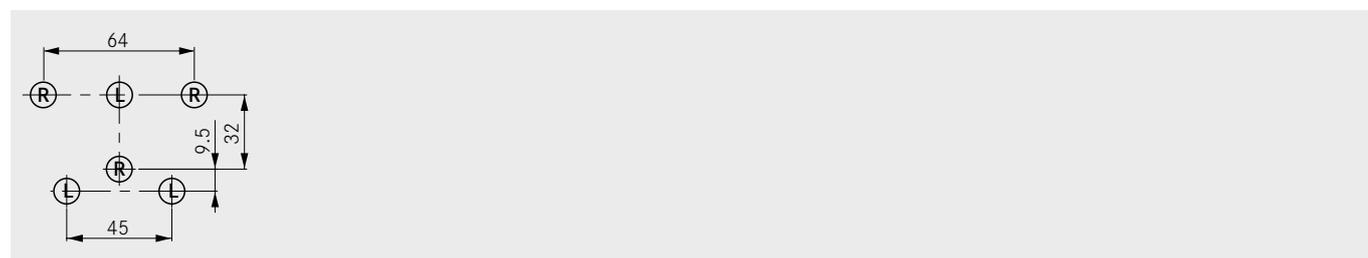
## DRILL BITS WITH SHANK Ø 10

	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	Art.-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>F146135957</b>
	Extension ruler, 800 mm right	<b>F146135958</b>
	Universal insertion die for Nexis and Tiomos 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.

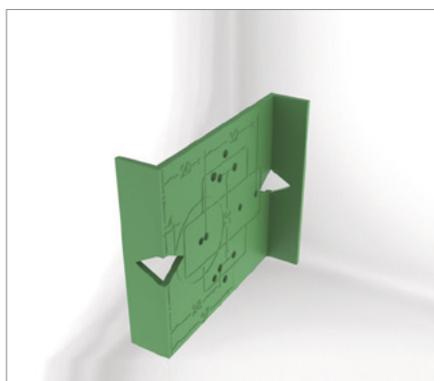
1 set includes:

- 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	Art.-no.
45/9.5	<b>F146135776</b>

### MARKING JIG



Easy marking and pre-drilling for hinges, mini-hinges, cross and linear mounting plates.

Nexis drilling pattern	Art.-no.
48/9	<b>F069073384</b>

Tiomos drilling pattern	Art.-no.
45/9.5	<b>F146135787</b>

### TIOMOS COMFORT MARKING GAUGE



- Easy to use
- Cup distance 3 – 5 mm
- Hinge cup positioning
- Linear mounting plate positioning
- Cross mounting plate positioning

	Art.-no.
	<b>F146135865</b>

### PUNCHING TOOL FOR NEXIS SOFT-CLOSE



Place punching tool on the inserted Soft-close Impresso adapter and punch the adapter into place.

	Art.-no.
	<b>F146095590</b>

Tiomos hinge system	11
Nexis hinge system	101

Soft-close Impresso	258
Drilling and insertion machines	328

### PUNCHING TOOL FOR TIOMOS



Punching tool for Tiomos linear mounting plates with dowel fixing.

Mounting plate height	Art.-no.
0/2/3/3.5	<b>F146135774</b>
12	<b>F146135775</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

	Art.-no.
	<b>F146092594</b>

### PILOT DRILL BIT



Use for pre-drilling countersunk chipboard screws Ø 3.5 mm.

	Art.-no.
Pilot drill bit	<b>F146035692</b>

### SCREWDRIVER



GRASS cross head screwdriver (Pozidriv No. 2)

	Art.-no.
	<b>F147010256</b>

Tiomos hinge system	11
Nexis hinge system	101

Soft-close Pin	266
Drilling and insertion machines	328


# HINGE SYSTEMS

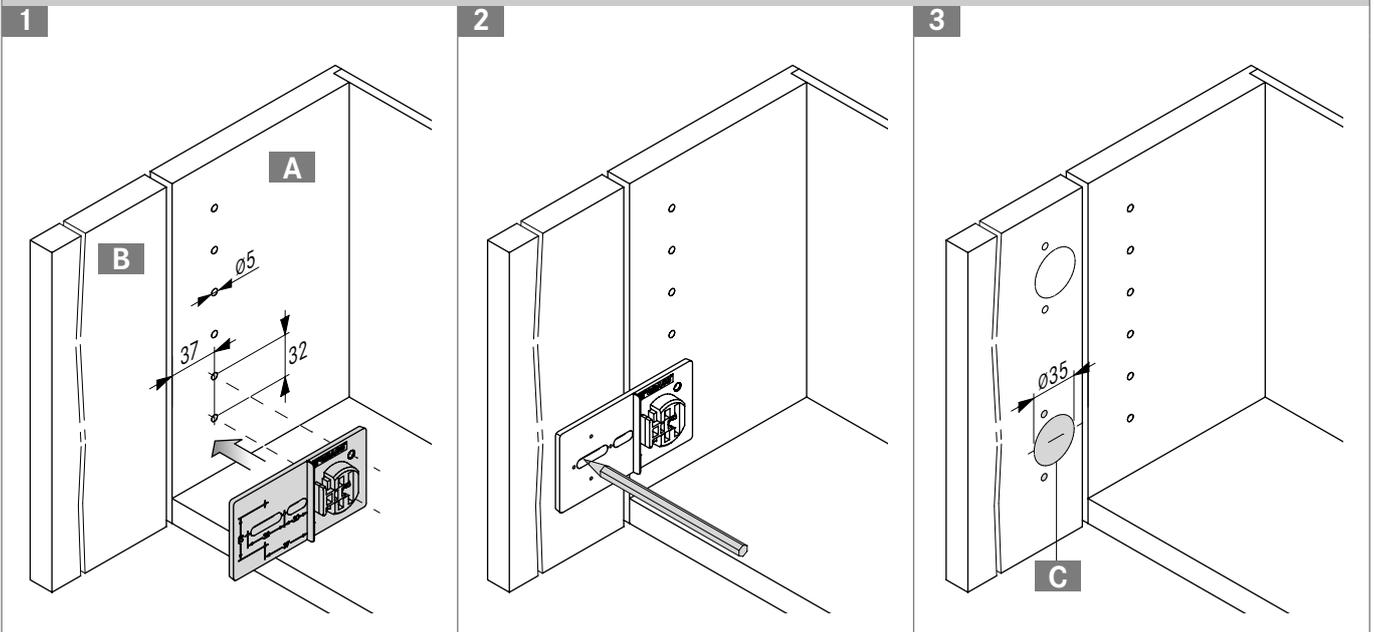
## Assembly aids

### ASSEMBLY INSTRUCTIONS

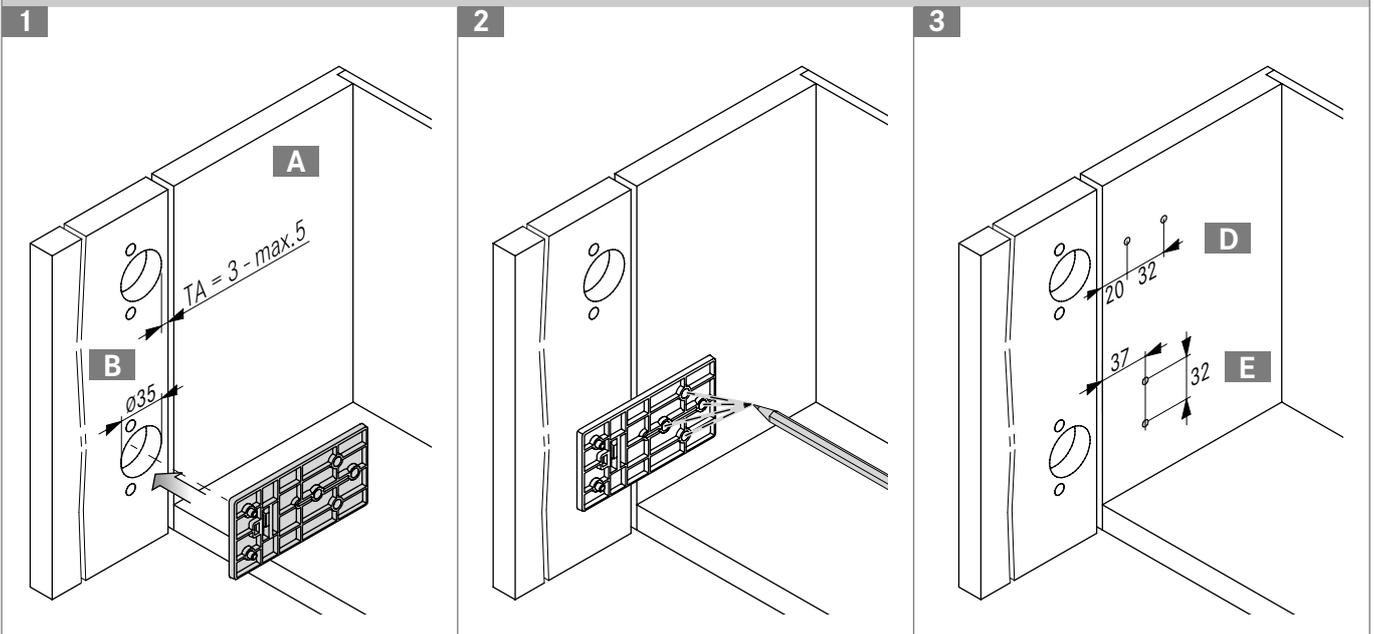
All dimensions in millimetres

#### Timos comfort marking gauge

Use with existing hole spacing 37



Use with existing cup hole



Timos hinge system	11
Nexis hinge system	101

Drilling and insertion machines	328




# ART.-NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

## F014

F014072504225	146.604.35.0015	125	106
F014072506225	145.604.35.0815	125	106
F014072507225	146.604.35.1515	125	106
F014072508225	145.604.35.1515	125	106
F014072509225	146.605.35.0015	125	114
F014072510225	145.605.35.0015	125	114
F014072511225	146.705.35.0215	125	116
F014072512225	146.705.35.0315	125	118
F014072514225	146.605.35.0815	125	114
F014072515213	146.705.35.0815	25	120
F014072517225	146.605.35.1515	125	114
F014072518225	145.605.35.1515	125	114
F014072519225	146.705.35.9615	125	128
F014072520225	146.622.35.0015	125	108
F014072521225	145.622.35.0015	125	108
F014072522225	146.622.35.0815	125	108
F014072523225	145.622.35.0815	125	108
F014072524225	146.629.35.0015	125	110
F014072526225	146.729.35.0115	125	124
F014072527225	146.629.35.0815	125	110
F014072528225	146.729.35.1015	125	122
F014072529225	146.729.35.4515	125	126
F014072530217	146.765.35.0015	50	112
F014072531217	145.765.35.0015	50	112
F014072532217	146.765.35.0815	50	112
F014072567225	146.604.35.0815	125	106

## F015

F015072719236	146.304.56.0015	250	148
F015072722236	146.304.55.0015	250	148
F015072724236	145.304.55.0015	250	148
F015072727236	146.304.56.0815	250	148
F015072729236	146.304.55.0815	250	148
F015072730236	145.304.55.0815	250	148
F015072732236	146.304.56.1515	250	148
F015072736236	146.304.55.1515	250	148
F015072738236	145.304.55.1515	250	148
F015072739236	146.304.55.9815	250	148
F015072741236	146.305.54.0015	250	156
F015072742236	146.305.53.0015	250	156
F015072743236	145.305.53.0015	250	156
F015072747225	146.405.53.0215	125	162
F015072751225	146.405.53.0315	125	166
F015072752225	145.405.53.0315	125	166
F015072754225	146.405.53.0615	125	160
F015072757225	146.405.53.0815	125	168
F015072760236	146.305.53.0815	250	156
F015072762236	145.305.53.0815	250	156
F015072767236	146.305.54.1515	250	156
F015072768236	146.305.53.1515	250	156
F015072770236	145.305.53.1515	250	156
F015072771225	146.405.53.1615	125	164
F015072787225	146.405.54.9615	125	176
F015072788225	146.405.53.9615	125	176
F015072789225	145.405.53.9615	125	176
F015072795236	146.317.61.0015	250	180
F015072796236	146.617.04.0015	250	182
F015072797236	146.617.06.0015	250	184
F015072798236	146.417.61.0815	250	180
F015072799236	146.717.04.0815	250	182
F015072800236	146.717.06.0815	250	184
F015072801213	146.717.06.1515	25	184
F015072803236	146.017.93.0084	250	186

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F015072804236	146.117.93.0884	250	186
F015072805236	146.117.93.1584	250	186
F015072810236	146.322.54.0015	250	150
F015072811236	146.322.53.0015	250	150
F015072816236	145.322.53.0015	250	150
F015072817236	146.322.54.0815	250	150
F015072818236	146.322.53.0815	250	150
F015072819236	145.322.53.0815	250	150
F015072820225	146.425.53.0015	125	158
F015072822225	146.425.53.0815	125	158
F015072823225	146.425.53.1515	125	158
F015072825236	146.329.56.0015	250	152
F015072827236	146.329.55.0015	250	152
F015072829225	146.429.24.0115	125	172
F015072832236	146.329.55.0815	250	152
F015072834225	146.429.14.1015	125	170
F015072835225	146.429.53.4515	125	174
F015072840217	146.765.54.0015	50	154
F015072842217	146.765.53.0015	50	154
F015072843217	145.765.53.0015	50	154
F015072844217	146.765.54.0815	50	154
F015072845217	146.765.53.0815	50	154
F015072846217	145.765.53.0815	50	154
F015072858225	146.700.01.0015	125	178
F015072861217	298.707.88.0015	50	188
F015072862217	298.707.88.9815	50	190
F015072863217	299.707.88.0015	50	188
F015072864217	299.707.88.9815	50	190
F015072965236	146.717.04.1515	250	182

## F016

F016073008236	404.304.53.0015	250	210
F016073010236	404.304.54.0015	250	210
F016073014236	404.304.53.0815	250	210
F016073016236	404.304.54.0815	250	210
F016073018236	404.304.53.1515	250	210
F016073020236	404.304.54.1515	250	210
F016073023236	404.304.53.9815	250	210
F016073027225	456.405.53.0015	125	230
F016073028236	404.305.53.0015	250	218
F016073032225	458.405.53.0215	125	222
F016073033225	454.405.53.0315	125	224
F016073038225	454.405.53.0815	125	226
F016073039236	404.305.53.0815	250	218
F016073044236	404.305.53.1515	250	218
F016073045236	404.305.54.1515	250	218
F016073048225	456.405.53.9615	125	228
F016073049236	406.317.61.0015	250	240
F016073051236	406.417.61.0815	250	240
F016073052236	406.417.61.1515	250	240
F016073053236	406.617.04.0015	250	242
F016073054236	406.717.04.0815	250	242
F016073055236	406.717.04.1515	250	242
F016073056236	406.017.93.0084	250	244
F016073057236	406.117.93.0884	250	244
F016073058236	406.117.93.1584	250	244
F016073062236	404.322.53.0015	250	212
F016073064236	404.322.53.0815	250	212
F016073066225	406.425.53.0015	125	220
F016073068225	406.425.53.0815	125	220
F016073069225	406.425.53.1515	125	220
F016073070236	426.329.55.0015	250	214
F016073077217	416.765.53.0015	50	216
F016073079217	416.765.53.0815	50	216
F016073084225	412.770.08.0015	125	234

F Article no.	Article no., old	PU	Page
---------------	------------------	----	------

F016073088225	412.770.00.0015	125	232
F016073090225	412.770.04.0015	125	232
F016073095225	412.770.08.0815	125	234
F016073096225	414.780.82.0013	125	236
F016073098225	414.780.80.0013	125	236
F016073099225	414.780.80.0015	125	236
F016073100225	474.700.01.0015	125	238
F016073122225	414.780.84.0015	125	236
F016135457225	-	125	236

## F017

F017139329217	-	50	16
F017139330217	-	50	16
F017139331217	-	50	16
F017139332217	-	50	16
F017139335213	-	25	38
F017139336213	-	25	40
F017139337213	-	25	42
F017139338213	-	25	44
F017139339213	-	25	46
F017139340213	-	25	48
F017139341213	-	25	34
F017139342213	-	25	36
F017139343217	-	50	20
F017139344217	-	50	20
F017139345217	-	50	20
F017139346217	-	50	20
F017139347213	-	25	50
F017139348213	-	25	52
F017139349213	-	25	54
F017139350213	-	25	22
F017139351213	-	25	22
F017139352213	-	25	22
F017139353217	-	50	26
F017139354217	-	50	26
F017139355217	-	50	26
F017139356217	-	50	26
F017140378228	-	150	18
F017140379228	-	150	18
F017140946228	-	150	18

## F022

F022140090228	-	150	16
F022140091228	-	150	16
F022140092228	-	150	16
F022140093228	-	150	16
F022140392228	-	150	18
F022140393228	-	150	18
F022140394228	-	150	18

## F028

F028138154213	-	25	30
F028138155213	-	25	30
F028138156213	-	25	30
F028138157213	-	25	30
F028138519217	-	50	16
F028138520217	-	50	16
F028138521217	-	50	16
F028138522217	-	50	16
F028138523217	-	50	16
F028138524217	-	50	16
F028138525217	-	50	16
F028138526217	-	50	16
F028138529213	-	25	38
F028138530213	-	25	40

# ART.-NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F028138531213	-	25	42
F028138532213	-	25	44
F028138533213	-	25	46
F028138534213	-	25	48
F028138535213	-	25	34
F028138536213	-	25	36
F028138545213	-	25	34
F028138546213	-	25	36
F028138547217	-	50	20
F028138548217	-	50	20
F028138549217	-	50	20
F028138550217	-	50	20
F028138551217	-	50	20
F028138552217	-	50	20
F028138553217	-	50	20
F028138554217	-	50	20
F028138555213	-	25	50
F028138556213	-	25	52
F028138557213	-	25	54
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
F028139129228	-	150	18
F028139130228	-	150	18
F028139131228	-	150	18
F028139138228	-	150	28
F028140404228	-	150	32
F028140405228	-	150	32
F028140406228	-	150	32
F028140422228	-	150	28
F028140423228	-	150	28
F028140424228	-	150	28
F028140936228	-	150	28
F028140939228	-	150	28
F028140942217	-	50	24
F028140943217	-	50	24
F028140944217	-	50	24
F028140945217	-	50	24
F028140954228	-	150	18
F028140957228	-	150	18
F028140960228	-	150	18
F028149495228	-	150	32
<b>F029</b>			
F029140325228	-	150	64
F029140331217	-	50	78
F029140338217	-	50	74
F029140468217	-	50	66
<b>F034</b>			
F034139300217	-	50	16
F034139301217	-	50	16
F034139302217	-	50	16
F034139303217	-	50	16

F Article no.	Article no., old	PU	Page
F034139306213	-	25	38
F034139307213	-	25	40
F034139308213	-	25	42
F034139309213	-	25	44
F034139310213	-	25	46
F034139311213	-	25	48
F034139312213	-	25	34
F034139313213	-	25	36
F034139314217	-	50	20
F034139315217	-	50	20
F034139316217	-	50	20
F034139317217	-	50	20
F034139318213	-	25	50
F034139319213	-	25	52
F034139320213	-	25	54
F034139321213	-	25	22
F034139322213	-	25	22
F034139323213	-	25	22
F034139324217	-	50	26
F034139325217	-	50	26
F034139326217	-	50	26
F034139327217	-	50	26
F034139582228	-	150	18
F034139583228	-	150	18
F034139584228	-	150	18
<b>F035</b>			
F035139357217	-	50	16
F035139358217	-	50	16
F035139359217	-	50	16
F035139360217	-	50	16
F035139371217	-	50	20
F035139372217	-	50	20
F035139373217	-	50	20
F035139374217	-	50	20
F035139378213	-	25	22
F035139379213	-	25	22
F035139380213	-	25	22
F035139381217	-	50	26
F035139382217	-	50	26
F035139383217	-	50	26
F035139384217	-	50	26
F035139591228	-	150	18
F035139592228	-	150	18
F035139593228	-	150	18
<b>F039</b>			
F039140030228	-	150	16
F039140031228	-	150	16
F039140032228	-	150	16
F039140033228	-	150	16
F039149583228	-	150	18
F039149584228	-	150	18
F039149585228	-	150	18
<b>F040</b>			
F040149630228	-	150	18
F040149632228	-	150	18
F040149634228	-	150	18
<b>F045</b>			
F045138061213	-	25	30
F045138062213	-	25	30
F045138063213	-	25	30
F045138064213	-	25	30

F Article no.	Article no., old	PU	Page
F045138079217	-	50	62
F045138457217	-	50	16
F045138458217	-	50	16
F045138459217	-	50	16
F045138460217	-	50	16
F045138461217	-	50	16
F045138462217	-	50	16
F045138463217	-	50	16
F045138464217	-	50	16
F045138467213	-	25	38
F045138468213	-	25	40
F045138469213	-	25	42
F045138470213	-	25	44
F045138471213	-	25	46
F045138472213	-	25	48
F045138473213	-	25	34
F045138474213	-	25	36
F045138483213	-	25	34
F045138484213	-	25	36
F045138485217	-	50	20
F045138486217	-	50	20
F045138487217	-	50	20
F045138488217	-	50	20
F045138489217	-	50	20
F045138490217	-	50	20
F045138491217	-	50	20
F045138492217	-	50	20
F045138493213	-	25	50
F045138494213	-	25	52
F045138495213	-	25	54
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	58
F045138518213	-	25	58
F045139052213	-	25	56
F045139063213	-	25	60
F045139064217	-	50	60
F045139071213	-	25	56
F045140952228	-	150	18
F045140953228	-	150	18
F045140955228	-	150	18
F045140956228	-	150	18
F045140958228	-	150	18
F045140959228	-	150	18
F045149510228	-	150	32
F045149511228	-	150	32
F045149512228	-	150	32
F045149530217	-	50	24
F045149531217	-	50	24
F045149532217	-	50	24
F045149533217	-	50	24
F045149534228	-	150	28
F045149535228	-	150	28

# ART.-NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F045149536228	-	150	28
F045149537228	-	150	28
F045149538228	-	150	28
F045149539228	-	150	28

## F046

F046138245213	-	25	30
F046138246213	-	25	30
F046138247213	-	25	30
F046138248213	-	25	30
F046138579217	-	50	16
F046138580217	-	50	16
F046138581217	-	50	16
F046138582217	-	50	16
F046138589213	-	25	38
F046138590213	-	25	40
F046138591213	-	25	42
F046138592213	-	25	44
F046138593213	-	25	46
F046138594213	-	25	48
F046138596213	-	25	36
F046138607217	-	50	20
F046138608217	-	50	20
F046138609217	-	50	20
F046138610217	-	50	20
F046138621213	-	25	22
F046138622213	-	25	22
F046138623213	-	25	22
F046138627217	-	50	26
F046138628217	-	50	26
F046138629217	-	50	26
F046138630217	-	50	26
F046149594228	-	150	32
F046149595228	-	150	32
F046149596228	-	150	32
F046149603228	-	150	18
F046149604228	-	150	18
F046149605228	-	150	18
F046149607217	-	50	24
F046149608217	-	50	24
F046149609217	-	50	28
F046149610217	-	50	28
F046149611217	-	50	28
F046149629228	-	150	18
F046149630228	-	150	18
F046149631228	-	150	18
F046149644228	-	150	28
F046149645217	-	50	28
F046149646217	-	50	28
F046149659217	-	50	24
F046149660217	-	50	24

## F047

F047140326217	-	50	64
F047140332217	-	50	78
F047140339217	-	50	74

## F049

F049140327217	-	50	64
F049140333217	-	50	78
F049140340217	-	50	74
F049140469217	-	50	66
F049140470217	-	50	66

## F051

F Article no.	Article no., old	PU	Page
F051139125507	-	10	290
F051139126507	-	10	290
F051139127207	-	10	292
F051139128507	-	10	292
F051139148217	-	50	292
F051140922207	-	10	292
F051140924507	-	10	292
F051140925507	-	10	292
F051140926507	-	10	290
F051140927507	-	10	290

## F053

F053139661607	-	10	286
F053139662607	-	10	286
F053139664607	-	10	286
F053139666507	-	10	286
F053139666607	-	10	286
F053139667607	-	10	286
F053139668507	-	10	286
F053139669507	-	10	286
F053139670507	-	10	286
F053139671236	-	250	286
F053139672236	-	250	288
F053139675236	-	250	286
F053139676236	-	250	286
F053139677236	-	250	286
F053139678236	-	250	288
F053139683236	-	250	286
F053139684236	-	250	286
F053139686607	-	10	286
F053139687607	-	10	286
F053139688236	-	250	286
F053139689236	-	250	286
F053140914223	-	100	290
F053140915223	-	100	290
F053140916223	-	100	290
F053140917223	-	100	290
F053140952223	-	100	290
F053140953223	-	100	290
F053140954223	-	100	290
F053140955223	-	100	290

## F058

F058139720217	-	50	85
F058139721217	-	50	72
F058139722217	-	50	72
F058139723217	-	50	85
F058139724217	-	50	72
F058139725217	-	50	86
F058139726217	-	50	86
F058139727217	-	50	86
F058139728217	-	50	86
F058139729217	-	50	86
F058139735217	-	50	85
F058139736217	-	50	85
F058139737217	-	50	85
F058139738217	-	50	85
F058139739217	-	50	85
F058139741228	-	150	86
F058139742228	-	150	86
F058139743228	-	150	86
F058139744228	-	150	86
F058139746217	-	50	80
F058139747217	-	50	80
F058139748217	-	50	80

F Article no.	Article no., old	PU	Page
F058139749217	-	50	80
F058139751217	-	50	81
F058139752217	-	50	81
F058139753217	-	50	81
F058139754217	-	50	81
F058139756217	-	50	80
F058139757217	-	50	80
F058139758217	-	50	80
F058139759217	-	50	80
F058139761217	-	50	80
F058139762217	-	50	80
F058139763217	-	50	80
F058139764217	-	50	80
F058139766217	-	50	81
F058139767217	-	50	81
F058139768217	-	50	81
F058139769217	-	50	81
F058139785217	-	50	86
F058139786217	-	50	86
F058139787217	-	50	86
F058139788217	-	50	86
F058139789217	-	50	86
F058139796217	-	50	82
F058139797217	-	50	82
F058139798217	-	50	82
F058139799217	-	50	82
F058139801217	-	50	82
F058139802217	-	50	82
F058139803217	-	50	82
F058139804217	-	50	82
F058139811217	-	50	82
F058139812217	-	50	82
F058139813217	-	50	82
F058139814217	-	50	82
F058139825217	-	50	84
F058139826217	-	50	84
F058139827217	-	50	84
F058139828217	-	50	84
F058139831217	-	50	84
F058139857217	-	50	85
F058139858217	-	50	85
F058139859217	-	50	85
F058139860217	-	50	85
F058139861217	-	50	85
F058139863217	-	50	80
F058139864217	-	50	80
F058139865217	-	50	80
F058139866217	-	50	80
F058139873217	-	50	83
F058139874217	-	50	83
F058139875217	-	50	83
F058139880217	-	50	83
F058139881217	-	50	83
F058139882217	-	50	83
F058139883217	-	50	83
F058139884217	-	50	83
F058139885217	-	50	83
F058139886217	-	50	83
F058139887217	-	50	83
F058139888217	-	50	83
F058139889217	-	50	83
F058139890217	-	50	83
F058139891217	-	50	83
F058139892217	-	50	83
F058139893217	-	50	83

# ART.-NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F058139894217	-	50	83
F058139895217	-	50	83
F058139896217	-	50	83
F058139902217	-	50	88
F058139903217	-	50	88
F058139904217	-	50	88
F058139905217	-	50	88
F058139906217	-	50	88
F058139907217	-	50	88
F058139908217	-	50	88
F058139909217	-	50	88
F058139927228	-	150	86
F058139928228	-	150	86
F058139929228	-	150	86
F058139930228	-	150	86
F058139931217	-	50	81
F058139932217	-	50	81
F058139933217	-	50	81
F058139934217	-	50	81
F058139973228	-	150	85
F058139974228	-	150	85
F058139975228	-	150	85
F058139976228	-	150	85
F058140386228	-	150	80
F058140933228	-	150	80
F058149629228	-	150	80
F058149630228	-	150	80
F058149631228	-	150	80
F058149632228	-	150	80

## F059

F059139701217	-	50	87
F059139702217	-	50	87
F059139703217	-	50	87
F059139704217	-	50	87
F059139706217	-	50	87
F059139707217	-	50	87
F059139708217	-	50	87
F059139709217	-	50	87
F059139711228	-	150	87
F059139712228	-	150	87
F059139713228	-	150	87
F059139714228	-	150	87
F059139977228	-	150	87
F059139978228	-	150	87
F059139979228	-	150	87
F059139980228	-	150	87
F059149634228	-	150	87
F059149635228	-	150	87

## F060

F060073129236	301.390.91.0015	250	136
F060073130236	301.390.91.0215	250	136
F060073136236	306.390.91.0015	250	136
F060073137236	306.390.91.0215	250	136
F060073138236	306.390.91.0415	250	136
F060073139236	314.390.81.0015	250	135
F060073140236	314.390.81.0215	250	135
F060073141236	314.390.81.0415	250	135
F060073144236	314.393.81.0015	250	133
F060073145236	314.393.81.0215	250	133
F060073146236	314.393.81.0415	250	133
F060073148236	315.393.55.0015	250	132
F060073150236	315.393.55.0215	250	132
F060073151236	315.393.55.0415	250	132

F Article no.	Article no., old	PU	Page
F060073152236	315.393.55.0815	250	132
F060073153236	315.393.55.1815	250	132
F060073154236	317.390.82.0215	250	135
F060073155236	317.390.82.0415	250	135
F060073156236	317.393.56.0015	250	132
F060073157236	317.393.56.0215	250	132
F060073158236	317.393.56.0415	250	132
F060073159236	317.393.56.0815	250	132
F060073160236	317.393.56.1815	250	132
F060073162236	318.390.81.0015	250	135
F060073163236	318.390.81.0215	250	135
F060073164236	318.390.81.0415	250	135
F060073171236	318.393.57.0015	250	132
F060073172236	318.393.57.0215	250	132
F060073173236	318.393.57.0415	250	132
F060073174236	318.393.57.0815	250	132
F060073175236	318.393.57.1815	250	132
F060073179236	318.393.81.0015	250	133
F060073180236	318.393.81.0215	250	133
F060073181236	318.393.81.0415	250	133
F060073182236	319.393.76.0015	250	134
F060073183236	319.393.76.0215	250	134
F060073184236	319.393.76.0415	250	134
F060073185236	319.393.81.0015	250	134
F060073186236	319.393.81.0215	250	134
F060073187236	319.393.81.0415	250	134
F060073188236	321.393.76.0015	250	134
F060073190236	321.393.76.0415	250	134
F060073191236	321.393.76.0215	250	134
F060073201236	346.393.91.0015	250	133
F060073202236	346.393.91.0215	250	133
F060073203236	346.393.91.0415	250	133
F060073205236	301.390.91.0415	250	136
F060073209236	344.393.82.0315	250	133
F060073210236	346.390.82.0315	250	136
F060073211236	348.393.82.0315	250	133
F060073212236	344.390.82.0315	250	136

## F061

F061073214236	314.493.70.0015	250	130
F061073215236	314.493.70.0215	250	130
F061073216236	314.493.70.0415	250	130
F061073217217	314.493.70.0615	50	130
F061073218236	314.493.70.0815	250	130
F061073222236	314.493.71.0615	250	131
F061073223236	314.493.71.0815	250	131
F061073227236	317.493.71.0015	250	131
F061073228236	317.493.71.0215	250	131
F061073229236	317.493.71.0415	250	131
F061073230236	317.493.71.0615	250	131
F061073231236	317.493.71.0815	250	131
F061073232236	318.493.70.0015	250	130
F061073233236	318.493.70.0215	250	130
F061073234236	318.493.70.0415	250	130
F061073236236	318.493.71.0015	250	131
F061073237236	318.493.71.0215	250	131
F061073238236	318.493.71.0415	250	131
F061073239236	318.493.71.0615	250	131
F061073240236	318.493.71.0815	250	131
F061073248236	320.493.71.0015	250	131
F061073249236	320.493.71.0215	250	131
F061073250236	320.493.71.0415	250	131
F061073253236	314.493.71.0015	250	131
F061073254236	314.493.71.0215	250	131
F061073255236	314.493.71.0415	250	131

F Article no.	Article no., old	PU	Page
F061073268236	346.290.22.0215	250	135
F061073271236	346.290.83.0215	250	136
F061073272236	346.290.83.0415	250	136
F061073273236	346.290.85.0215	250	136
F061073274236	346.290.85.0415	250	136
F061073275236	346.290.88.0015	250	137
F061073276236	346.290.88.0215	250	137
F061073277236	346.290.88.0415	250	137
F061073278236	346.290.90.0215	250	137
F061073279236	346.290.91.0015	250	137
F061073280236	346.290.91.0215	250	137
F061073281236	346.290.91.0415	250	137
F061073283236	346.290.92.0015	250	137
F061073284236	346.290.92.0215	250	137
F061073285236	346.290.92.0415	250	137
F061073294236	348.493.82.0315	250	131
F061073295236	344.493.82.0315	250	131

## F062

F062073296236	314.390.52.0015	250	248
F062073297236	314.390.52.0415	250	248
F062073298236	314.393.52.0015	250	246
F062073299236	314.393.52.0215	250	246
F062073300236	314.393.52.0415	250	246
F062073301236	315.393.66.0015	250	247
F062073302236	315.393.66.0215	250	247
F062073303236	315.393.66.0415	250	247
F062073304236	315.393.66.0815	250	247
F062073307236	317.393.66.0015	250	247
F062073308236	317.393.66.0215	250	247
F062073309236	317.393.66.0415	250	247
F062073310236	317.393.66.0815	250	247
F062073311236	317.393.66.1815	250	247
F062073313236	318.390.52.0015	250	248
F062073314236	318.390.52.0215	250	248
F062073315236	318.390.52.0415	250	248
F062073316236	318.393.52.0015	250	246
F062073317236	318.393.52.0215	250	246
F062073318236	318.393.52.0415	250	246

## F063

F063073336236	301.490.63.0015	250	249
F063073337236	301.490.63.0215	250	249
F063073338236	301.490.63.0415	250	249
F063073340236	314.493.63.0015	250	247
F063073342236	314.493.63.0215	250	247
F063073344236	314.493.63.0415	250	247
F063073348236	315.295.90.0001	250	230
F063073351236	316.293.57.0815	250	246
F063073360236	317.493.63.0015	250	247
F063073361236	317.493.63.0215	250	247
F063073362236	317.493.63.0415	250	247
F063073366236	318.293.57.0815	250	246

## F069

F069063310213	63310-40	25	266
F069066528113	66528-42	25	106
F069073381211	351.002.02.2662	20	325
F069073384233	514.002.55.9062	200	332
F069073402517	641.000.09.9862	50	112
F069073405240	706.320.30.9711	500	30
F069073410213	359.000.81.1046	25	62
F069073414213	359.000.81.1619	25	62
F069073417213	359.000.81.1646	25	62
F069073419213	359.000.81.1682	25	62

# ART.-NO. INDEX

F article no. / Article no., old

F Article no.	Article no., old	PU	Page
F069073420213	359.000.81.1016	25	62
F069073421213	359.000.81.1019	25	62
F069073422213	359.000.81.1035	25	62
F069073423213	359.000.81.1036	25	296
F069073424213	359.000.81.1036	25	62
F069073425213	359.000.81.1062	25	62
F069073426213	359.000.81.1617	25	296
F069073427213	359.000.81.1635	25	62
F069073428213	359.000.81.1662	25	62
F069073433223	363.200.10.0015	100	184
F069073434201	924.000.02.2600	26	184
F069073452240	371.001.02.0074	500	324
F069073453240	371.001.03.0074	500	324
F069073454240	371.201.00.0801	500	324
F069073457207	371.290.00.0215	10	300
F069073459240	517.206.61.9915	500	323
F069073460240	517.206.64.9915	500	323
F069073461247	517.206.65.9915	1000	323
F069073463240	517.206.73.9915	500	323
F069073464240	517.206.87.9915	500	323
F069073534247	514.000.22.9762	1000	122
F069073548551	514.300.02.9815	2000	138
F069073570551	514.300.21.9815	2000	106
F069073669551	514.300.22.9815	2000	106
F069073687225	514.300.20.0115	125	148
F069073696213	63309-40	25	266
F069073697213	63311-40	25	266
F069073701523	924.012.50.0142	100	258
F069073711217	924.200.38.0215	50	188
F069073714525	924.200.40.0115	125	148
F069073715225	924.200.40.0215	125	260
F069073726225	924.200.55.0215	125	258
F069073728525	924.200.55.0115	125	106
F069073729225	924.200.46.1115	125	112
F069073731217	621.300.20.5017	50	64
F069073733205	729.700.00.0700	6	188
F069073746504	-	5	188
F069073751223	924.275.40.0015	100	272
F069073752504	-	5	148
F069073764240	525.090.04.0362	500	132
F069135013223	924.275.55.0015	100	270
F069135014504	-	5	106
F069135017223	924.275.46.0015	100	274
F069135019504	-	5	112
F069135026223	707.363.51.9915	100	91
F069135032547	641.000.10.9862	1000	108
F069135060223	924.075.00.0075	100	270
F069135061223	646.000.29.0039	100	280
F069135174236	363.200.02.0015	250	184
F069135297256	711.362.61.9715	5000	91
F069135304223	924.275.38.0015	100	276
F069135396513	-	25	16

## F071

F071085142123	85142-42	100	326
---------------	----------	-----	-----

## F072

F072135309256	705.391.61.9715	5000	91
F072135500547	-	1000	16
F072135503540	-	500	16
F072135504547	-	1000	16
F072135550547	-	1000	16
F072135551547	-	1000	16
F072135749247	-	1000	90
F072135751540	-	500	16

F Article no.	Article no., old	PU	Page
F072135753540	-	500	22
F072135757217	-	50	72
F072135758217	-	50	73
F072135768256	705.393.61.9715	5000	91
F072135773247	-	1000	91
F072135779256	-	5000	91
F072135798247	-	1000	91
F072135807540	-	500	16
F072135868217	-	50	68
F072135871517	-	50	78
F072135885201	-	150	90
F072135928218	-	1	78
F072135947213	-	25	78
F072135955207	-	10	292
F072135961247	-	1000	18
F072140504247	-	1000	16
F072140519228	-	150	18
F072140520228	-	150	18
F072140912523	-	100	290
F072140913523	-	100	290
F072140918223	-	100	292
F072140919223	-	100	292
F072140920517	-	50	290
F072140921517	-	50	290
F072140923207	-	10	292

## F078

F078073783217	298.706.84.5015	50	300
F078073785217	298.706.84.5115	50	300
F078073786217	290.117.84.5084	50	296
F078073787217	290.117.84.0084	50	296
F078073792207	298.705.92.0115	10	298
F078073812213	290.417.83.0015	25	294
F078073813213	290.417.83.5015	25	294
F078073814213	290.417.83.6015	25	294

## F145

F145083050123	83050-42	100	326
---------------	----------	-----	-----

## F146

F146035692299	35692	1	333
F146073835253	630.000.03.0750	2500	325
F146073836256	630.000.03.1050	5000	325
F146073976256	707.333.51.9815	5000	16
F146073979256	711.331.61.9715	5000	78
F146092594501	92594	1	333
F146095590299	95590	1	332
F146135774299	-	1	333
F146135775299	-	1	333
F146135776299	-	1	332
F146135787217	-	50	332
F146135810201	-	1	329
F146135811201	-	1	331
F146135821401	-	1	329
F146135822201	-	1	329
F146135823201	-	1	329
F146135824201	-	1	329
F146135825201	-	1	329
F146135826201	-	1	329
F146135827201	-	1	329
F146135828201	-	1	329
F146135829201	-	1	329
F146135830201	-	1	329
F146135835201	-	1	329
F146135836201	-	1	329

F Article no.	Article no., old	PU	Page
F146135838401	-	1	330
F146135839401	-	1	330
F146135840401	-	1	330
F146135841401	-	1	330
F146135851401	-	1	328
F146135852401	-	1	328
F146135861401	-	1	329
F146135865202	-	2	332
F146135957201	-	1	329
F146135958201	-	1	329

## F147

F147010256299	10256-00	1	333
---------------	----------	---	-----

## F148

F148043000123	43000-42	100	326
F148043007123	43007-42	100	326
F148043015123	43015-42	100	326
F148043024123	43024-42	100	326
F148043028123	43028-42	100	322
F148043036123	43036-42	100	322
F148043053123	43053-42	100	322
F148043056123	43056-42	100	322
F148044748123	44748-42	100	326
F148044841123	44841-42	100	326
F148044842123	44842-42	100	326
F148044883123	44883-42	100	326

## F150

F150000001233	-	200	304
F150000002233	-	100	304
F150000003223	-	100	304
F150000004223	-	100	304
F150000005223	-	100	304
F150000006217	M6900301125	50	306
F150000007217	M6110281125	50	306
F150000008217	M6112281125	50	306
F150000009217	M6113281125	50	306
F150000010217	M6211281125	50	308
F150000011217	M6221281125	50	308
F150000012217	M6212281125	50	308
F150000013217	M8112281125	50	310
F150000014217	M8113281125	50	310
F150000015217	M8211281125	50	312
F150000016217	M8221281125	50	312
F150000017217	M6009300101	50	306
F150000018217	M6009320125	50	306
F150000019217	M8990001025	50	306
F150000020217	M3990010025	50	306
F150000021217	M6900301225	50	306
F150145167217	M8133211125	50	314
F150145234147	B4050005125	1000	306
F150145235147	B5070054125	1000	306
F150146061223	-	100	304
F150146077233	-	200	304
F150146079233	-	200	304

# ART.-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
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
507	10
513	25
517	50
523	100
525	125
540	500
547	1000
551	2000
607	10

# ART.-NO. INDEX

Article no., old / F Article no

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

## 10

10256-00	<b>F147010256299</b>	1	333
----------	----------------------	---	-----

## 14

145.304.55.0015	<b>F015072724236</b>	250	148
145.304.55.0815	<b>F015072730236</b>	250	148
145.304.55.1515	<b>F015072738236</b>	250	148
145.305.53.0015	<b>F015072743236</b>	250	156
145.305.53.0815	<b>F015072762236</b>	250	156
145.305.53.1515	<b>F015072770236</b>	250	156
145.322.53.0015	<b>F015072816236</b>	250	150
145.322.53.0815	<b>F015072819236</b>	250	150
145.405.53.0315	<b>F015072752225</b>	125	166
145.405.53.9615	<b>F015072789225</b>	125	176
145.604.35.0815	<b>F014072506225</b>	125	106
145.604.35.1515	<b>F014072508225</b>	125	106
145.605.35.0015	<b>F014072510225</b>	125	114
145.605.35.1515	<b>F014072518225</b>	125	114
145.622.35.0015	<b>F014072521225</b>	125	108
145.622.35.0815	<b>F014072523225</b>	125	108
145.765.35.0015	<b>F014072531217</b>	50	112
145.765.53.0015	<b>F015072843217</b>	50	154
145.765.53.0815	<b>F015072846217</b>	50	154
146.017.93.0084	<b>F015072803236</b>	250	186
146.117.93.0884	<b>F015072804236</b>	250	186
146.117.93.1584	<b>F015072805236</b>	250	186
146.304.55.0015	<b>F015072722236</b>	250	148
146.304.55.0815	<b>F015072729236</b>	250	148
146.304.55.1515	<b>F015072736236</b>	250	148
146.304.55.9815	<b>F015072739236</b>	250	148
146.304.56.0015	<b>F015072719236</b>	250	148
146.304.56.0815	<b>F015072727236</b>	250	148
146.304.56.1515	<b>F015072732236</b>	250	148
146.305.53.0015	<b>F015072742236</b>	250	156
146.305.53.0815	<b>F015072760236</b>	250	156
146.305.53.1515	<b>F015072768236</b>	250	156
146.305.54.0015	<b>F015072741236</b>	250	156
146.305.54.1515	<b>F015072767236</b>	250	156
146.317.61.0015	<b>F015072795236</b>	250	180
146.322.53.0015	<b>F015072811236</b>	250	150
146.322.53.0815	<b>F015072818236</b>	250	150
146.322.54.0015	<b>F015072810236</b>	250	150
146.322.54.0815	<b>F015072817236</b>	250	150
146.329.55.0015	<b>F015072827236</b>	250	152
146.329.55.0815	<b>F015072832236</b>	250	152
146.329.56.0015	<b>F015072825236</b>	250	152
146.405.53.0215	<b>F015072747225</b>	125	162
146.405.53.0315	<b>F015072751225</b>	125	166
146.405.53.0615	<b>F015072754225</b>	125	160
146.405.53.0815	<b>F015072757225</b>	125	168
146.405.53.1615	<b>F015072771225</b>	125	164
146.405.53.9615	<b>F015072788225</b>	125	176
146.405.54.9615	<b>F015072787225</b>	125	176
146.417.61.0815	<b>F015072798236</b>	250	180
146.425.53.0015	<b>F015072820225</b>	125	158
146.425.53.0815	<b>F015072822225</b>	125	158
146.425.53.1515	<b>F015072823225</b>	125	158
146.429.14.1015	<b>F015072834225</b>	125	170
146.429.24.0115	<b>F015072829225</b>	125	172
146.429.53.4515	<b>F015072835225</b>	125	174
146.604.35.0015	<b>F014072504225</b>	125	106
146.604.35.0815	<b>F014072567225</b>	125	106
146.604.35.1515	<b>F014072507225</b>	125	106
146.605.35.0015	<b>F014072509225</b>	125	114

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

146.605.35.0815	<b>F014072514225</b>	125	114
146.605.35.1515	<b>F014072517225</b>	125	114
146.617.04.0015	<b>F015072796236</b>	250	182
146.617.06.0015	<b>F015072797236</b>	250	184
146.622.35.0015	<b>F014072520225</b>	125	108
146.622.35.0815	<b>F014072522225</b>	125	108
146.629.35.0015	<b>F014072524225</b>	125	110
146.629.35.0815	<b>F014072527225</b>	125	110
146.700.01.0015	<b>F015072858225</b>	125	178
146.705.35.0215	<b>F014072511225</b>	125	116
146.705.35.0315	<b>F014072512225</b>	125	118
146.705.35.0815	<b>F014072515213</b>	25	120
146.705.35.9615	<b>F014072529225</b>	125	128
146.717.04.0815	<b>F015072799236</b>	250	182
146.717.04.1515	<b>F015072965236</b>	250	182
146.717.06.0815	<b>F015072800236</b>	250	184
146.717.06.1515	<b>F015072801213</b>	25	184
146.729.35.0115	<b>F014072526225</b>	125	124
146.729.35.1015	<b>F014072528225</b>	125	122
146.729.35.4515	<b>F014072529225</b>	125	126
146.765.35.0015	<b>F014072530217</b>	50	112
146.765.35.0815	<b>F014072532217</b>	50	112
146.765.53.0015	<b>F015072842217</b>	50	154
146.765.53.0815	<b>F015072845217</b>	50	154
146.765.54.0015	<b>F015072840217</b>	50	154
146.765.54.0815	<b>F015072844217</b>	50	154

## 29

290.117.84.0084	<b>F078073787217</b>	50	296
290.117.84.5084	<b>F078073786217</b>	50	296
290.417.83.0015	<b>F078073812213</b>	25	294
290.417.83.5015	<b>F078073813213</b>	25	294
290.417.83.6015	<b>F078073814213</b>	25	294
298.705.92.0115	<b>F078073792207</b>	10	298
298.706.84.5015	<b>F078073783217</b>	50	300
298.706.84.5115	<b>F078073785217</b>	50	300
298.707.88.0015	<b>F015072861217</b>	50	188
298.707.88.9815	<b>F015072862217</b>	50	190
299.707.88.0015	<b>F015072863217</b>	50	188
299.707.88.9815	<b>F015072864217</b>	50	190

## 30

301.390.91.0015	<b>F060073129236</b>	250	136
301.390.91.0215	<b>F060073130236</b>	250	136
301.390.91.0415	<b>F060073205236</b>	250	136
301.490.63.0015	<b>F063073336236</b>	250	249
301.490.63.0215	<b>F063073337236</b>	250	249
301.490.63.0415	<b>F063073338236</b>	250	249
306.390.91.0015	<b>F060073136236</b>	250	136
306.390.91.0215	<b>F060073137236</b>	250	136
306.390.91.0415	<b>F060073138236</b>	250	136

## 31

314.390.52.0015	<b>F062073296236</b>	250	248
314.390.52.0415	<b>F062073297236</b>	250	248
314.390.81.0015	<b>F060073139236</b>	250	135
314.390.81.0215	<b>F060073140236</b>	250	135
314.390.81.0415	<b>F060073141236</b>	250	135
314.393.52.0015	<b>F062073298236</b>	250	246
314.393.52.0215	<b>F062073299236</b>	250	246
314.393.52.0415	<b>F062073300236</b>	250	246
314.393.81.0015	<b>F060073144236</b>	250	133
314.393.81.0215	<b>F060073145236</b>	250	133
314.393.81.0415	<b>F060073146236</b>	250	133
314.493.63.0015	<b>F063073340236</b>	250	247

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

314.493.63.0215	<b>F063073342236</b>	250	247
314.493.63.0415	<b>F063073344236</b>	250	247
314.493.70.0015	<b>F061073214236</b>	250	130
314.493.70.0215	<b>F061073215236</b>	250	130
314.493.70.0415	<b>F061073216236</b>	250	130
314.493.70.0615	<b>F061073217217</b>	50	130
314.493.70.0815	<b>F061073218236</b>	250	130
314.493.71.0015	<b>F061073253236</b>	250	131
314.493.71.0215	<b>F061073254236</b>	250	131
314.493.71.0415	<b>F061073255236</b>	250	131
314.493.71.0615	<b>F061073222236</b>	250	131
314.493.71.0815	<b>F061073223236</b>	250	131
315.295.90.0001	<b>F063073348236</b>	250	230
315.393.55.0015	<b>F060073148236</b>	250	132
315.393.55.0215	<b>F060073150236</b>	250	132
315.393.55.0415	<b>F060073151236</b>	250	132
315.393.55.0815	<b>F060073152236</b>	250	132
315.393.55.1815	<b>F060073153236</b>	250	132
315.393.66.0015	<b>F062073301236</b>	250	247
315.393.66.0215	<b>F062073302236</b>	250	247
315.393.66.0415	<b>F062073303236</b>	250	247
315.393.66.0815	<b>F062073304236</b>	250	247
316.293.57.0815	<b>F063073351236</b>	250	246
317.390.82.0215	<b>F060073154236</b>	250	135
317.390.82.0415	<b>F060073155236</b>	250	135
317.393.56.0015	<b>F060073156236</b>	250	132
317.393.56.0215	<b>F060073157236</b>	250	132
317.393.56.0415	<b>F060073158236</b>	250	132
317.393.56.0815	<b>F060073159236</b>	250	132
317.393.56.1815	<b>F060073160236</b>	250	132
317.393.66.0015	<b>F062073307236</b>	250	247
317.393.66.0215	<b>F062073308236</b>	250	247
317.393.66.0415	<b>F062073309236</b>	250	247
317.393.66.0815	<b>F062073310236</b>	250	247
317.393.66.1815	<b>F062073311236</b>	250	247
317.493.63.0015	<b>F063073360236</b>	250	247
317.493.63.0215	<b>F063073361236</b>	250	247
317.493.63.0415	<b>F063073362236</b>	250	247
317.493.71.0015	<b>F061073227236</b>	250	131
317.493.71.0215	<b>F061073228236</b>	250	131
317.493.71.0415	<b>F061073229236</b>	250	131
317.493.71.0615	<b>F061073230236</b>	250	131
317.493.71.0815	<b>F061073231236</b>	250	131
318.293.57.0815	<b>F063073366236</b>	250	246
318.390.52.0015	<b>F062073313236</b>	250	248
318.390.52.0215	<b>F062073314236</b>	250	248
318.390.52.0415	<b>F062073315236</b>	250	248
318.390.81.0015	<b>F060073162236</b>	250	135
318.390.81.0215	<b>F060073163236</b>	250	135
318.390.81.0415	<b>F060073164236</b>	250	135
318.393.52.0015	<b>F062073316236</b>	250	246
318.393.52.0215	<b>F062073317236</b>	250	246
318.393.52.0415	<b>F062073318236</b>	250	246
318.393.57.0015	<b>F060073171236</b>	250	132
318.393.57.0215	<b>F060073172236</b>	250	132
318.393.57.0415	<b>F060073173236</b>	250	132
318.393.57.0815	<b>F060073174236</b>	250	132
318.393.57.1815	<b>F060073175236</b>	250	132
318.393.81.0015	<b>F060073179236</b>	250	133
318.393.81.0215	<b>F060073180236</b>	250	133
318.393.81.0415	<b>F060073181236</b>	250	133
318.493.70.0015	<b>F061073232236</b>	250	130
318.493.70.0215	<b>F061073233236</b>	250	130
318.493.70.0415	<b>F061073234236</b>	250	130
318.493.71.0015	<b>F061073236236</b>	250	131

# ART.-NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
318.493.71.0215	<b>F061073237236</b>	250	131
318.493.71.0415	<b>F061073238236</b>	250	131
318.493.71.0615	<b>F061073239236</b>	250	131
318.493.71.0815	<b>F061073240236</b>	250	131
319.393.76.0015	<b>F060073182236</b>	250	134
319.393.76.0215	<b>F060073183236</b>	250	134
319.393.76.0415	<b>F060073184236</b>	250	134
319.393.81.0015	<b>F060073185236</b>	250	134
319.393.81.0215	<b>F060073186236</b>	250	134
319.393.81.0415	<b>F060073187236</b>	250	134

## 32

320.493.71.0015	<b>F061073248236</b>	250	131
320.493.71.0215	<b>F061073249236</b>	250	131
320.493.71.0415	<b>F061073250236</b>	250	131
321.393.76.0015	<b>F060073188236</b>	250	134
321.393.76.0215	<b>F060073191236</b>	250	134
321.393.76.0415	<b>F060073190236</b>	250	134

## 34

344.390.82.0315	<b>F060073212236</b>	250	136
344.393.82.0315	<b>F060073209236</b>	250	133
344.493.82.0315	<b>F061073295236</b>	250	131
346.290.22.0215	<b>F061073268236</b>	250	135
346.290.83.0215	<b>F061073271236</b>	250	136
346.290.83.0415	<b>F061073272236</b>	250	136
346.290.85.0215	<b>F061073273236</b>	250	136
346.290.85.0415	<b>F061073274236</b>	250	136
346.290.88.0015	<b>F061073275236</b>	250	137
346.290.88.0215	<b>F061073276236</b>	250	137
346.290.88.0415	<b>F061073277236</b>	250	137
346.290.90.0215	<b>F061073278236</b>	250	137
346.290.91.0015	<b>F061073279236</b>	250	137
346.290.91.0215	<b>F061073280236</b>	250	137
346.290.91.0415	<b>F061073281236</b>	250	137
346.290.92.0015	<b>F061073283236</b>	250	137
346.290.92.0215	<b>F061073284236</b>	250	137
346.290.92.0415	<b>F061073285236</b>	250	137
346.390.82.0315	<b>F060073210236</b>	250	136
346.393.91.0015	<b>F060073201236</b>	250	133
346.393.91.0215	<b>F060073202236</b>	250	133
346.393.91.0415	<b>F060073203236</b>	250	133
348.393.82.0315	<b>F060073211236</b>	250	133
348.493.82.0315	<b>F061073294236</b>	250	131

## 35

351.002.02.2662	<b>F069073381211</b>	20	325
35692	<b>F146035692299</b>	1	333
359.000.81.1016	<b>F069073420213</b>	25	62
359.000.81.1019	<b>F069073421213</b>	25	62
359.000.81.1035	<b>F069073422213</b>	25	62
359.000.81.1036	<b>F069073423213</b>	25	296
359.000.81.1036	<b>F069073424213</b>	25	62
359.000.81.1046	<b>F069073410213</b>	25	62
359.000.81.1062	<b>F069073425213</b>	25	62
359.000.81.1617	<b>F069073426213</b>	25	296
359.000.81.1619	<b>F069073414213</b>	25	62
359.000.81.1635	<b>F069073427213</b>	25	62
359.000.81.1646	<b>F069073417213</b>	25	62
359.000.81.1662	<b>F069073428213</b>	25	62
359.000.81.1682	<b>F069073419213</b>	25	62

## 36

363.200.02.0015	<b>F069135174236</b>	250	184
363.200.10.0015	<b>F069073433223</b>	100	184

Article no., old	F Article no.	PU	Page
371.001.02.0074	<b>F069073452240</b>	500	324
371.001.03.0074	<b>F069073453240</b>	500	324
371.201.00.0801	<b>F069073454240</b>	500	324
371.290.00.0215	<b>F069073457207</b>	10	300

## 40

404.304.53.0015	<b>F016073008236</b>	250	210
404.304.53.0815	<b>F016073014236</b>	250	210
404.304.53.1515	<b>F016073018236</b>	250	210
404.304.53.9815	<b>F016073023236</b>	250	210
404.304.54.0015	<b>F016073010236</b>	250	210
404.304.54.0815	<b>F016073016236</b>	250	210
404.304.54.1515	<b>F016073020236</b>	250	210
404.305.53.0015	<b>F016073028236</b>	250	218
404.305.53.0815	<b>F016073039236</b>	250	218
404.305.53.1515	<b>F016073044236</b>	250	218
404.305.54.1515	<b>F016073045236</b>	250	218
404.322.53.0015	<b>F016073062236</b>	250	212
404.322.53.0815	<b>F016073064236</b>	250	212
406.017.93.0084	<b>F016073056236</b>	250	244
406.117.93.0884	<b>F016073057236</b>	250	244
406.117.93.1584	<b>F016073058236</b>	250	244
406.317.61.0015	<b>F016073049236</b>	250	240
406.417.61.0815	<b>F016073051236</b>	250	240
406.417.61.1515	<b>F016073052236</b>	250	240
406.425.53.0015	<b>F016073066225</b>	125	220
406.425.53.0815	<b>F016073068225</b>	125	220
406.425.53.1515	<b>F016073069225</b>	125	220
406.617.04.0015	<b>F016073053236</b>	250	242
406.717.04.0815	<b>F016073054236</b>	250	242
406.717.04.1515	<b>F016073055236</b>	250	242

## 41

412.770.00.0015	<b>F016073088225</b>	125	232
412.770.04.0015	<b>F016073090225</b>	125	232
412.770.08.0015	<b>F016073084225</b>	125	234
412.770.08.0815	<b>F016073095225</b>	125	234
414.780.80.0013	<b>F016073098225</b>	125	236
414.780.80.0015	<b>F016073099225</b>	125	236
414.780.82.0013	<b>F016073096225</b>	125	236
414.780.84.0015	<b>F016073122225</b>	125	236
416.765.53.0015	<b>F016073077217</b>	50	216
416.765.53.0815	<b>F016073079217</b>	50	216

## 42

426.329.55.0015	<b>F016073070236</b>	250	214
-----------------	----------------------	-----	-----

## 43

43000-42	<b>F148043000123</b>	100	326
43007-42	<b>F148043007123</b>	100	326
43015-42	<b>F148043015123</b>	100	326
43024-42	<b>F148043024123</b>	100	326
43028-42	<b>F148043028123</b>	100	322
43036-42	<b>F148043036123</b>	100	322
43053-42	<b>F148043053123</b>	100	322
43056-42	<b>F148043056123</b>	100	322

## 44

44748-42	<b>F148044748123</b>	100	326
44841-42	<b>F148044841123</b>	100	326
44842-42	<b>F148044842123</b>	100	326
44883-42	<b>F148044883123</b>	100	326

## 45

454.405.53.0315	<b>F016073033225</b>	125	224
454.405.53.0815	<b>F016073038225</b>	125	226
456.405.53.0015	<b>F016073027225</b>	125	230
456.405.53.9615	<b>F016073048225</b>	125	228
458.405.53.0215	<b>F016073032225</b>	125	222

## 47

474.700.01.0015	<b>F016073100225</b>	125	238
-----------------	----------------------	-----	-----

## 51

514.000.22.9762	<b>F069073534247</b>	1000	122
514.002.55.9062	<b>F069073384233</b>	200	332
514.300.02.9815	<b>F069073548551</b>	2000	138
514.300.20.0115	<b>F069073687225</b>	125	148
514.300.21.9815	<b>F069073570551</b>	2000	106
514.300.22.9815	<b>F069073669551</b>	2000	106
517.206.61.9915	<b>F069073459240</b>	500	323
517.206.64.9915	<b>F069073460240</b>	500	323
517.206.65.9915	<b>F069073461247</b>	1000	323
517.206.73.9915	<b>F069073463240</b>	500	323
517.206.87.9915	<b>F069073464240</b>	500	323

## 52

525.090.04.0362	<b>F069073764240</b>	500	132
-----------------	----------------------	-----	-----

## 62

621.300.20.5017	<b>F069073731217</b>	50	64
-----------------	----------------------	----	----

## 63

630.000.03.0750	<b>F146073835253</b>	2500	325
630.000.03.1050	<b>F146073836256</b>	5000	325
63309-40	<b>F069073696213</b>	25	266
63310-40	<b>F069063310213</b>	25	266
63311-40	<b>F069073697213</b>	25	266

## 64

641.000.09.9862	<b>F069073402517</b>	50	112
641.000.10.9862	<b>F069135032547</b>	1000	108
646.000.29.0039	<b>F069135061223</b>	100	280

## 66

66528-42	<b>F069066528113</b>	25	106
----------	----------------------	----	-----

## 70

705.391.61.9715	<b>F072135309256</b>	5000	91
705.393.61.9715	<b>F072135768256</b>	5000	91
706.320.30.9711	<b>F069073405240</b>	500	30
707.333.51.9815	<b>F146073976256</b>	5000	16
707.363.51.9915	<b>F069135026223</b>	100	91

## 71

711.331.61.9715	<b>F146073979256</b>	5000	78
711.362.61.9715	<b>F069135297256</b>	5000	91

## 72

729.700.00.0700	<b>F069073733205</b>	6	188
-----------------	----------------------	---	-----

## 83

83050-42	<b>F145083050123</b>	100	326
----------	----------------------	-----	-----

## 85

85142-42	<b>F071085142123</b>	100	326
----------	----------------------	-----	-----

# ART.-NO. INDEX

Article no., old / F Article no.

Article no., old	F Article no.	PU	Page
------------------	---------------	----	------

## 92

924.000.02.2600	<b>F069073434201</b>	26	184
924.012.50.0142	<b>F069073701523</b>	100	258
924.075.00.0075	<b>F069135060223</b>	100	270
924.200.38.0215	<b>F069073711217</b>	50	188
924.200.40.0115	<b>F069073714525</b>	125	148
924.200.40.0215	<b>F069073715225</b>	125	260
924.200.46.1115	<b>F069073729225</b>	125	112
924.200.55.0115	<b>F069073728525</b>	125	106
924.200.55.0215	<b>F069073726225</b>	125	258
924.275.38.0015	<b>F069135304223</b>	100	276
924.275.40.0015	<b>F069073751223</b>	100	272
924.275.46.0015	<b>F069135017223</b>	100	274
924.275.55.0015	<b>F069135013223</b>	100	270
92594	<b>F146092594501</b>	1	333

## 95

95590	<b>F146095590299</b>	1	332
-------	----------------------	---	-----

## B4

B4050005125	<b>F150145234147</b>	1000	306
-------------	----------------------	------	-----

## B5

B5070054125	<b>F150145235147</b>	1000	306
-------------	----------------------	------	-----

## M3

M3990010025	<b>F150000020217</b>	50	306
-------------	----------------------	----	-----

## M6

M6009300101	<b>F150000017217</b>	50	306
M6009320125	<b>F150000018217</b>	50	306
M6110281125	<b>F150000007217</b>	50	306
M6112281125	<b>F150000008217</b>	50	306
M6113281125	<b>F150000009217</b>	50	306
M6211281125	<b>F150000010217</b>	50	308
M6212281125	<b>F150000012217</b>	50	308
M6221281125	<b>F150000011217</b>	50	308
M6900301125	<b>F150000006217</b>	50	306
M6900301225	<b>F150000021217</b>	50	306

## M8

M8112281125	<b>F150000013217</b>	50	310
M8113281125	<b>F150000014217</b>	50	310
M8133211125	<b>F150145167217</b>	50	314
M8211281125	<b>F150000015217</b>	50	312
M8221281125	<b>F150000016217</b>	50	312
M8990001025	<b>F150000019217</b>	50	306

## LEGEND

PU code	Quantity (units, pair, set)
113	25
123	100
147	1000
201	1
202	2
205	6
207	10
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
507	10
513	25
517	50
523	100
525	125
540	500
547	1000
551	2000
607	10







# G\*GRASS®

GRASS GmbH  
Movement Systems  
Grass Platz 1  
6973 Höchst, Austria  
T +43 5578 701-0  
F +43 5578 701-59  
info@grass.eu



[www.grass.eu](http://www.grass.eu)



**FFA**  
FITTINGS FOR AFRICA

*Hein*  
082 553 4502

**HANDLES - KNOBS - SINKS - MIXERS - HINGES**

21 Zune Street  
Magnavia  
Polokwane

Tel: 015 004 0198  
heloenterprises1@gmail.com

Status: 12/2019

The latest version of the catalogue  
is available on our website.