

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.











red<mark>dot</mark> 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.

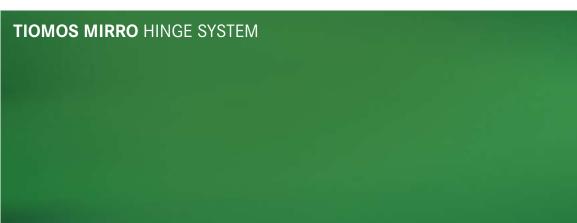
This enables the use of hinges of the same design with or without a damping function in high-quality furniture construction. The complex inner workings of this hinge with its 56 components and physically optimised kinematics enable extremely smooth and easy opening of glass and mirror doors with a glass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







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.

TIOMOS The new hinge generation for the door of the future. Extremely strong. Integrated damper. New kinematics.	11
NEXIS The versatile hinge system. Finely tuned movement systems. Functional, with excellent operating comfort.	101
SPECIAL HINGES Hinges for special applications. Where individual solutions are needed.	285
SINGLE-JOINT HINGES All-metal hinges for continuous or individual cabinet construction or concealed applications. Flexible. Functional.	303
CABINET MAKING ACCESSORIES Small components with a big effect. Shelf supports, connecting screws, door buffers, shelf brackets etc.	321

somo

exis

Special

Single-joint hinges

Sabinet making accessories



TIOMOS HINGE SYSTEM

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





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

TIOMOS HINGE SYSTEM

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

Opening angle	Product designation	Application	Full overlay	Overlay	Half overlay	Inset	Page
110°	Tiomos 110		-	•	-		16
110°	Tiomos Night 110		-	-	-		18
120°	Tiomos 120		-	-	-		20
160°	Tiomos 160	Wide-angle hinge			-	-	22
160°	Tiomos Night 160	Wide-angle hinge	-	-	-	-	24
95°	Tiomos 95	Profiled door hinge	-		-		26
95°	Tiomos Night 95	Profiled door hinge	-	-	-		28
110°	Tiomos 110 AL	Aluminium frame hinge			-		30
110°	Tiomos Night 110 AL	Aluminium frame hinge	-	-	-		32
110°	Tiomos 110/90A	Blind corner hinge	-		-	-	34
110°	Tiomos 110/90E	Blind corner hinge	-	-	-		36
110°	Tiomos 110/30A	+30° angle corner cabinet hinge	-		-	-	38
110°	Tiomos 110/30E	+30° angle corner cabinet hinge	-	-	-		40
110°	Tiomos 110/37A	+37° angle corner cabinet hinge	-		-	-	42
110°	Tiomos 110/37E	+37° angle corner cabinet hinge	-	-	-		44
110°	Tiomos 110/45A	+45° angle corner cabinet hinge	-		-	-	46
110°	Tiomos 110/45E	+45° angle corner cabinet hinge	-	-	-		48
120°	Tiomos 120/-15A	-15° angle corner cabinet hinge	-		-	-	50
120°	Tiomos 120/-30A	-30° angle corner cabinet hinge	-	-	-	-	52
120°	Tiomos 120/-45A	-45° angle corner cabinet hinge	-		-	-	54
100°	Tiomos 100	Refrigerator hinge	-	-	-	-	56
-	Tiomos PCC	Pie-cut corner hinge	-	-	-		58
95°	Tiomos 95 Mini	Mini-hinge	-	-	-	-	60
95°	Tiomos 95 GL	Glass door hinge	-		-	-	62
125°	Tiomos Mirro	Mirror hinge	-	-	-		64
125°	Tiomos Night Mirro	Mirror hinge	•	-	-		66
125°	Tiomos Mirro	Mirror/transparent glass hinge	-	_	-		68
125°	Tiomos Night Mirro	Mirror/transparent glass hinge		-			70
110°	Tiomos M9	Mitred/rebated door hinge		_	-		74
125°	Tiomos M0	Slim door hinge		-			78

Tiomos mounting plates	80	
Accessories	90	



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 • Optimum reveals up to 24 mm door thickness • Convenient depth adjustment via worm gear					16
110°		Tiomos Night 110 Optimum reveals up to 24 mm door thickness Convenient depth adjustment via worm gear	-				18
120°	13 711	Tiomos 120 • Optimum reveals up to 22 mm door thickness • Convenient depth adjustment via worm gear					20
160°	M	Tiomos 160 Optimum reveals up to 32 mm door thickness Shallow cup depth For cabinets with inset drawers or pull-out shelves				-	22
160°		Tiomos Night 160 Optimum reveals up to 32 mm door thickness Shallow cup depth For cabinets with inset drawers or pull-out shelves	-			-	24
95°	Post	Tiomos 95 • Optimum reveals up to 28 mm door thickness • Convenient depth adjustment via worm gear					26
95°	Zatt	Tiomos Night 95 Optimum reveals up to 28 mm door thickness Convenient depth adjustment via worm gear	-				28
110°		Tiomos 110 AL 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°		Tiomos Night 110 AL 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°	M	Tiomos 110/90A • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-		-	-	34
110°	M	Tiomos 110/90E • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-	-	-		36
110°	P	Tiomos 110/30A • For 30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	38

TIOMOS HINGE SYSTEM

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

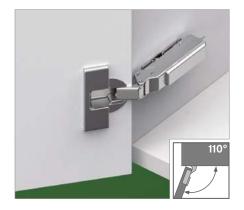
Opening angle		Product description	Full overlay	Overlay	Half overlay	Inset	Page
110°		Tiomos 110/30E • For 30° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		40
110°		Tiomos 110/37A • For 37° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	42
110°		Tiomos 110/37E • For 37° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		44
110°		Tiomos 110/45A • For 45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	46
110°	Sal.	Tiomos 110/45E • For 45° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		48
120°	****	Tiomos 120/-15A • For -15° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	50
120°	P	Tiomos 120/-30A • For -30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	52
120°	-	Tiomos 120/-45A • For -45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	54
100°		Tiomos 100 • For refrigerator doors (sliding system) • Convenient depth adjustment via worm gear	-		-	-	56
-		Tiomos PCC • For connecting two corner cabinet doors • Convenient depth adjustment via worm gear	-		-	-	58
95°		Tiomos 95 Mini For small doors and doors with narrow frames Convenient depth adjustment via worm gear	-		-	-	60
95°	CALL	Tiomos 95 GL • Glass door hinge, 26 mm cup • Convenient depth adjustment via worm gear	-		-	-	62

Opening angle		Product description F		Overlay	Half overlay	Inset	Page
125°		Tiomos Mirro Glass and mirror door hinge, self-adhesive Convenient depth adjustment via worm gear		-			64
125°		Tiomos Night Mirro Glass and mirror door hinge, self-adhesive Convenient depth adjustment via worm gear		-			66
110°	H	Tiomos M9 • For four-sided mitred application, slim and rebated doors • Convenient depth adjustment via worm gear		-			74
125°		Tiomos M0 • Simple screw mounting without cup hole • For door thicknesses of 6 - 10 mm		-			78

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

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			Damper			Artno.													
		Cranking	:41-	tale aa	without spring		Click-on		Impresso										
			with	without	Spring	For screw fixing	For press fitting	Quick ³	without tools										
			-	-	-	F028138519	F028138523	F022140 090	F017 139 329										
Full overlay 1	1	0	-		-	F045 138 457	F045 138461	F039 140 030	F034 139 300										
			-			F046138579	-	-	F035 139 357										
			-	-	-	F028138520	F028138524	F022140 091	F017 139 330										
Overlay 1	1	3	3	3	3	3	3	-		-	F045138458	F045138462	F039140031	F034139301					
			-			F046138580	-	-	F035139358										
				-	-	F028138521	F028138525	F022140 092	F017139331										
Half overlay 2		9.5	-		-	F045138459	F045138463	F039140032	F034139302										
			,	,	,	,.0	7.5	7.5	7.5	7.5	7.5	9.5	-	•		F046138581	-	-	F035 139 359
				-	-	F028138522	F028138526	F022140 093	F017 139 332										
Inset ²		19	-		-	F045138460	F045138464	F039140033	F034139303										
			-			F046138582	-	-	F035139360										

¹ Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
C SUPERIOR OF THE PARTY OF THE	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	rm cover cap, right, steel, nickel-plated, GRASS imprint 0/3/9.5/19 GRASS logo		F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint		GRASS 10g0	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

	Designation	Artno.
	85° opening angle reduction clip	F072 135 751
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

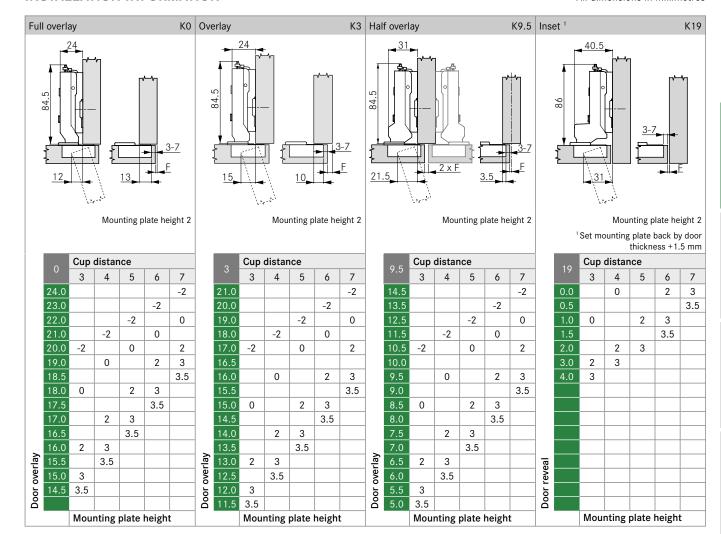
	Designation	Artno.
Bon.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

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

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

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

All dimensions in millimetres



MINIMUM GAP

		Cup	distan	се			
		3	4	5	6	7	
	24.0	1.0	1.0	1.0	1.22	2.1 ²	
	22.0	1.0	1.0	1.0	1.0	1.5 ²	
	21.0	1.0	1.0	1.0	1.0	1.22	
	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	
SS	17.0	1.0	1.0	1.0	1.0	1.0	
ç	16.0	1.0	1.0	1.0	1.0	1.0	
hic							
Door thickness							
å							
	Minimum gap						

2 1.0 at 85° opening angle	0 at 8	5° opening ar	gle
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MINIMUM REVEAL

		Cup	distar	псе									
		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							
SS	17.0	0.6	0.6	0.6	0.6	0.6							
ŝ	16.0	0.6	0.6	0.6	0.6	0.6							
Door thickness													
or t													
å													
		Mini	mum	revea	I (F)	Minimum reveal (F)							

Minimum reveal (F) ³ 85° opening angle reduction clip

85° OPENING ANGLE

		Cup	distar	се		
		3	4	5	6	7
	36.0	11.1	10.3	9.7	9.1	8.5
	30.0	5.4	4.8	4.4	4.3	4.2
	28.0	3.7	3.6	3.5	3.4	3.3
	26.0	2.9	2.8	2.8	2.7	2.6
	24.0	2.2	2.1	2.1	2.1	2.0
	22.0	1.6	1.6	1.6	1.5	1.5
SS	21.0	1.4	1.3	1.3	1.3	1.3
Ş	20.0	1.1	1.1	1.1	1.1	1.1
2	19.0	0.9	0.9	0.9	0.9	0.9
Door thickness	18.0	0.7	0.7	0.7	0.7	0.7
	16.0	0.6	0.6	0.6	0.6	0.6
		Minir	num r	eveal	(F) ³ a	t 85°

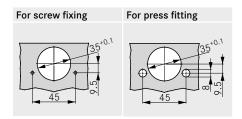
NOTES

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.

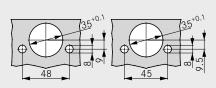
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

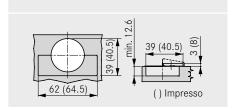
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso





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			Damper				Artno.										
		Cranking	with	with without	without - spring -		Click-on										
			WILII		spring	For screw fixing	For press fitting	Quick ³	without tools								
			=	-	-	F028139129	F028140960	F022140392	F017 140 378								
Overlay 1		3	3	-		-	F045140958	F045 140 959	F039 149 583	F034139582							
			-		-	F046149603	F046149629	F040 149 630	F035139591								
	9	9.5		-	-	F028139130	F028140954	F022 140 393	F017 140 946								
Half overlay ²			-		-	F045140952	F045140953	F039 149 584	F034139583								
												-		-	F046149604	F046149630	F040 149 632
				-	-	F028139131	F028140957	F022140394	F017 140 379								
Inset ²		19	19	19	-		-	F045140955	F045 140 956	F039 149 585	F034139584						
			-		•	F046149605	F046149631	F040 149 634	F035139593								

¹ Cup material: steel, night / Arm material: steel, night

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, night, not imprinted	3/9.5/19	On request	F072 140 519
Hinge cup cover cap, steel, night, not imprinted	3/9.5/19	-	F072 140 520

	Designation	Artno.
	85° opening angle reduction clip	F072 135 751
100	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

	Designation	Artno.
Stage.	Countersunk wood screw, night Ø 3.5 x 15 mm	F072 135 961
	Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

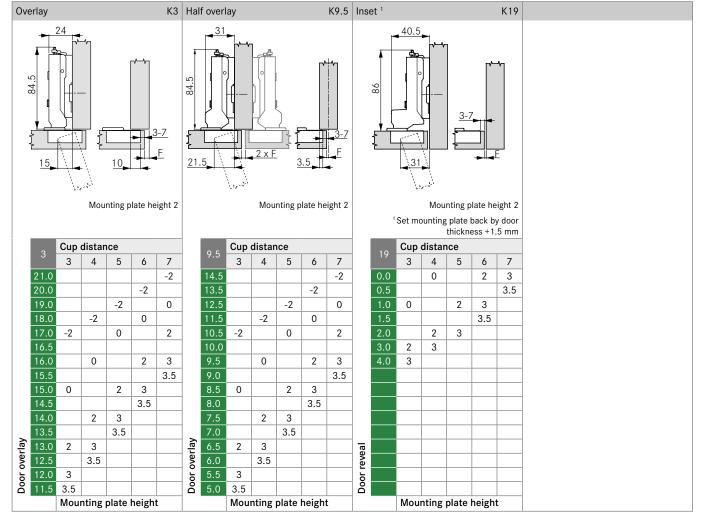
Tipmatic	278
Technical information	94

Assembly aids	332

² Cup material: steel, night / Arm material: Zamak, night

 $^{^3}$ Additional drilling patterns, opening angles $95^\circ/110^\circ/120^\circ/160^\circ$ and angle applications on request.

All dimensions in millimetres



MINIMUM GAP

		Cup	distan	ice				
		3	4	5	6	7		
	24.0	1.0	1.0	1.0	1.2 ²	2.1 ²		
	22.0	1.0	1.0	1.0	1.0	1.5 ²		
	21.0	1.0	1.0	1.0	1.0	1.22		
	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		
SS	17.0	1.0	1.0	1.0	1.0	1.0		
cue	16.0	1.0	1.0	1.0	1.0	1.0		
Ρįς								
Door thickness								
ĕ								
		Minir	num į	gap				
2 1 (2 1.0 at 85° opening angle							

2	1	0	at	85°	onening	angle

MINIMUM REVEAL

		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	
SS	17.0	0.6	0.6	0.6	0.6	0.6	
cue	16.0	0.6	0.6	0.6	0.6	0.6	
hic							
Joor thickness							
8							
		Mini	mum	revea	l (F)		

³ 85° opening angle reduction clip

85° OPENING ANGLE

		Cup	distar	псе		
		3	4	5	6	7
	36.0	11.1	10.3	9.7	9.1	8.5
	30.0	5.4	4.8	4.4	4.3	4.2
	28.0	3.7	3.6	3.5	3.4	3.3
	26.0	2.9	2.8	2.8	2.7	2.6
	24.0	2.2	2.1	2.1	2.1	2.0
	22.0	1.6	1.6	1.6	1.5	1.5
SS	21.0	1.4	1.3	1.3	1.3	1.3
çne	20.0	1.1	1.1	1.1	1.1	1.1
딛	19.0	0.9	0.9	0.9	0.9	0.9
Door thickness	18.0	0.7	0.7	0.7	0.7	0.7
Š	16.0	0.6	0.6	0.6	0.6	0.6
		Minir	num r	eveal	(F) ³ a	t 85°

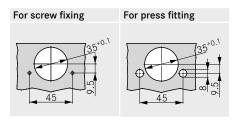
NOTES

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.

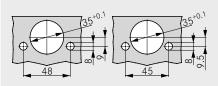
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

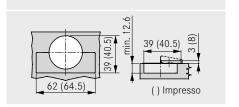
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



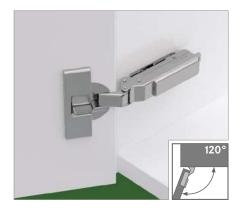
Combination drilling pattern for Impresso





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

			Dar	nper	without		Artno.	
Door overlay		Cranking	with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
	ПП		-	-	-	F028138547	F028138551	F017139343
Full overlay ¹		0	-	-	-	F045138485	F045 138 489	F034139314
			-	-		F046138607	-	F035139371
			-	-	-	F028138548	F028138552	F017 139 344
Overlay ¹		3	-		-	F045138486	F045138490	F034139315
			-	-		F046138608	-	F035139372
	пП		-	-	-	F028138549	F028138553	F017 139 345
Half overlay ²		9.5	-	-	-	F045138487	F045138491	F034139316
			-			F046138609	-	F035139373
			-	-	-	F028138550	F028138554	F017 139 346
Inset ²		19	-	-	-	F045 138 488	F045 138 492	F034 139 317
			-	-		F046138610	-	F035 139 374

¹ Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0 /2 /0 5 /10	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

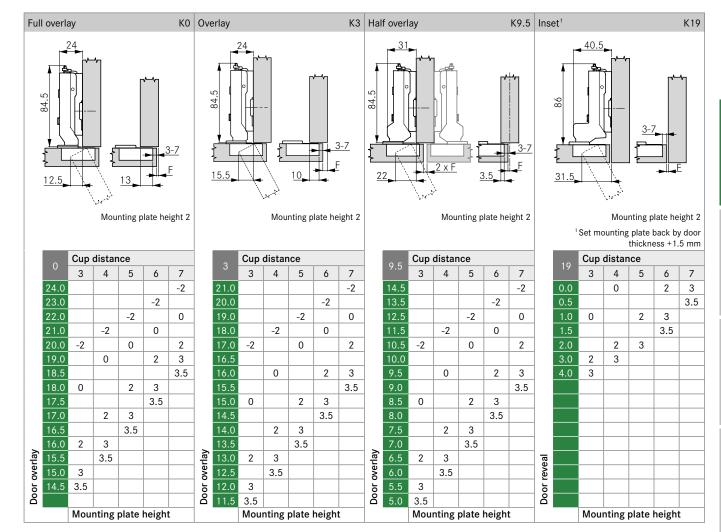
	Designation	Artno.
	85° opening angle reduction clip	F072 135 751
A00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

	Designation	Artno.
Bann	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

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

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

All dimensions in millimetres



MINIMUM GAP

		Cup	Cup distance						
		3	4	5	6	7			
	24.0	1.22	2.12	3.0 ²	3.9 ²	4.72			
	22.0	1.0	1.12	2.02	2.92	3.82			
	21.0	1.0	1.0	1.6 ²	2.42	3.3 ²			
	20.0	1.0	1.0	1.12	2.02	2.92			
	19.0	1.0	1.0	1.0	1.5 ²	2.42			
	18.0	1.0	1.0	1.0	1.0	1.9 ²			
SS	17.0	1.0	1.0	1.0	1.0	1.5 ²			
kne	16.0	1.0	1.0	1.0	1.0	1.0			
ij									
Door thickness									
ది									
		Minir	num į	gap					

-	_	_		_		
2	1	n	at	85°	opening	angle

MINIMUM REVEAL

		Cup	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			
SS	17.0	0.6	0.6	0.6	0.6	0.6			
ķ	16.0	0.6	0.6	0.6	0.6	0.6			
읊									
Door thickness									
ಗಿ									
		Mini	mum	revea	l (F)				

85° OPENING ANGLE

		Cup	distar	псе		
		3	4	5	6	7
	36.0	11.1	10.3	9.7	9.1	8.5
	30.0	5.4	4.8	4.4	4.3	4.2
	28.0	3.7	3.6	3.5	3.4	3.3
	26.0	2.9	2.8	2.8	2.7	2.6
	24.0	2.2	2.1	2.1	2.1	2.0
	22.0	1.6	1.6	1.6	1.5	1.5
SS	21.0	1.4	1.3	1.3	1.3	1.3
ž	20.0	1.1	1.1	1.1	1.1	1.1
2	19.0	0.9	0.9	0.9	0.9	0.9
Joor thickness	18.0	0.7	0.7	0.7	0.7	0.7
2	16.0	0.6	0.6	0.6	0.6	0.6
		Minir	num r	eveal	(F) ³ a	t 85°

³ 85° opening angle reduction clip

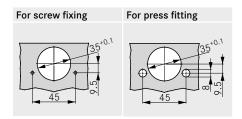
NOTES

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

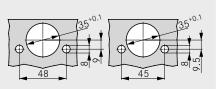
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

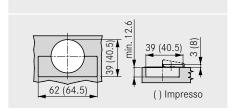
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



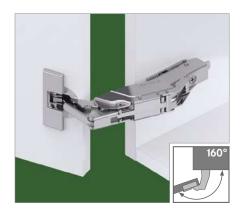
Combination drilling pattern for Impresso





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			Damper			Artno.		
		Cranking	with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
				-	-	F028138561	F028 138 564	F017 139 350
Full overlay ¹	4 	0	-	-	-	F045 138 499	F045138502	F034139321
			-	-		F046138621	-	F035 139 378
				-	-	F028138562	F028138565	F017 139 351
Overlay ¹	$ \mathcal{A} $	3	-	-	-	F045138500	F045138503	F034139322
			-			F046138622	-	F035 139 379
			-	-	-	F028138563	F028138566	F017 139 352
Half overlay 1	14111	9.5	-		-	F045 138 501	F045 138 504	F034139323
			-	-		F046 138 623	-	F035139380

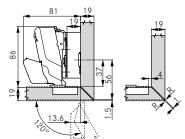
ZERO PROTRUSION

ACCESSORIES

	Designation	Artno.
	120° opening angle reduction clip	F072 135 753
NO®	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

	Designation	Artno.
Span.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

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.

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

Tiomos mounting plates	80	Tipmatic	278
Accessories	90	Technical information	94

Assembly aids	332

For cabinets with

At 0 cranking, and with all

With cranking size 3 and

mounting plate thicknesses, the

door protrudes inwards at 90°.

mounting plate height 3 mm, the door will be flush with the

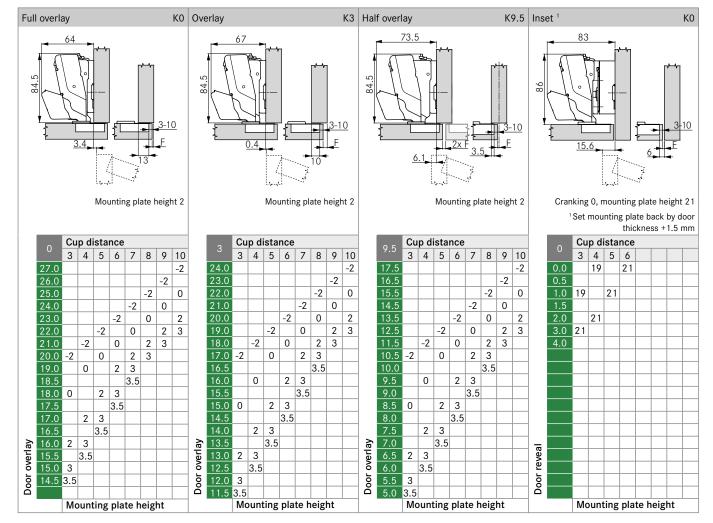
inset drawers.

cabinet.

22

¹ Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

All dimensions in millimetres



MINIMUM GAP

		Cu	p di	ista	nce				
		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					
	29.0	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
	26.0	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
	24.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ess	22.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
or thickness	21.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
į	20.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ō	18.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

MINIMUM REVEAL

	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	
	28.0	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
	25.0	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
ess	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ä	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ţ	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Door thickness	18.0	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
	Minimum reveal (F)								

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.

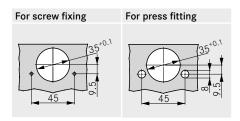
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

No reveal is required for door thicknesses up to 28 mm. From 29 mm door thickness, we recommend a trial fitting.

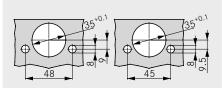
DRILLING PATTERNS 45/9.5

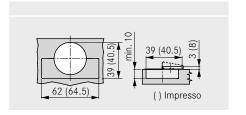
<u>6</u> 16.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0

Minimum gap



Combination drilling pattern for Impresso





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

			Damper without			Artno.		
Door overlay		Cranking	with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools
			-	-	-	F028140944	F028 140 945	F017139351
Overlay 1	41	3	-		-	F045149530	F045149532	F034139322
			-			F046 149 607	F046 149 659	F035 139 379
				-	-	F028140942	F028140943	F017139352
Half overlay ¹	41	9.5	-		-	F045149531	F045149533	F034139323
			-		•	F046 149 608	F046 149 660	F035 139 380

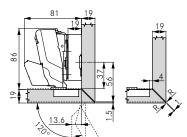
¹ Cup material: Zamak, night / Arm material: Zamak, night

ACCESSORIES

	Designation	Artno.
	120° opening angle reduction clip	F072 135 753
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

	Designation	Artno.
& Same	Countersunk wood screw, night Ø 3.5 x 15 mm	F072 135 961
	Unclipping protector	F072 135 807

MITRED APPLICATION (ON ALL SIDES)

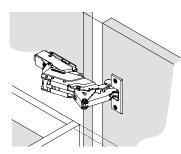


With 0 cranking, mounting plate height 19 mm and cup distance 4 mm, door and cabinet edges can meet at mitred angles on all 4 sides.

Use 120° opening angle reduction clip.

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

ZERO PROTRUSION



For cabinets with inset drawers.

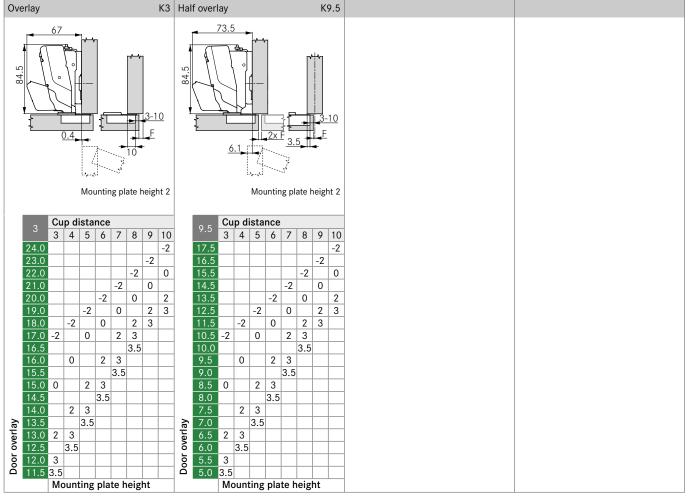
At 0 cranking, and with all mounting plate thicknesses, the door protrudes inwards at 90°. With cranking size 3 and mounting plate height 3 mm, the door will be flush with the cabinet.

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cu	p di	sta	nce				
		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					
	29.0	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
	26.0	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
	24.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ess	22.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Door thickness	21.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ţ	20.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
ō	18.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
മ്	16.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Minimum gap									

MINIMUM REVEAL

		Cu	рd	ista	nce)			
		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	
	28.0	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
	25.0	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
ess	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ķ	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ę	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Joor thickness	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
۵	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Minimum reveal (F)								

 \blacksquare only possible with 120° angle red. clip

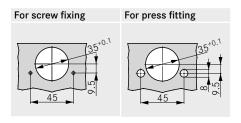
NOTES

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.

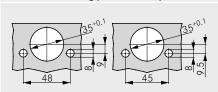
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

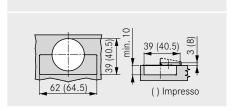
No reveal is required for door thicknesses up to 28 mm. From 29 mm door thickness, we recommend a trial fitting.

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso





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			Dar	nper	without	Artno. ³																								
		Cranking	with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools																						
	пП			-	-	F028 138 567	F028138571	F017 139 353																						
Full overlay 1		0	-	-	-	F045138505	F045138509	F034139324																						
			-	-		F046138627	-	F035139381																						
				-	-	F028138568	F028138572	F017 139 354																						
Overlay ¹		3	_	-	-	F045138506	F045138510	F034139325																						
			-			F046138628	-	F035139382																						
	Л	9.5		-	-	F028138569	F028138573	F017 139 355																						
Half overlay ²			9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	_		-	F045138507
			-	•		F046138629	-	F035139383																						
				-	-	F028138570	F028138574	F017 139 356																						
Inset ²		19	_	-	-	F045 138 508	F045138512	F034 139 327																						
			_	•		F046 138 630	-	F035 139 384																						

¹ Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
Contract	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0 /2 /0 5 /10	CDACC Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

	Designation	Artno.
A O O	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
April 1	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

Designation	Artno.
Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

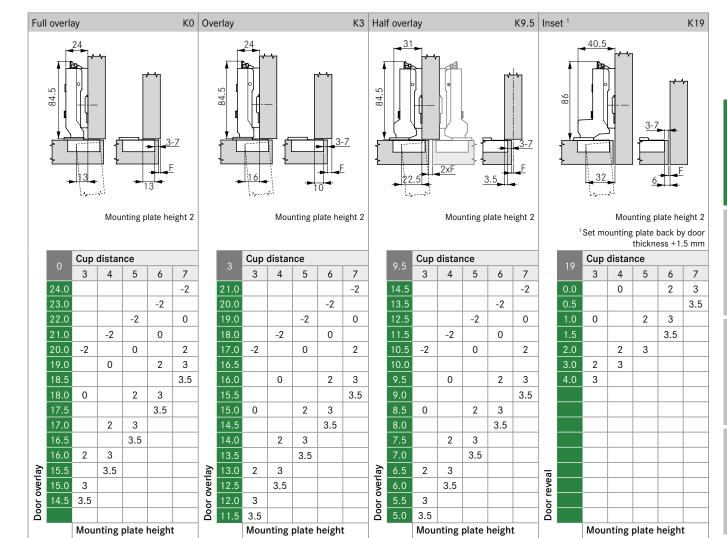
Tipmatic	278
Technical information	94

Assembly aids	332

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

³ Available on request

All dimensions in millimetres



MINIMUM GAP

		Cup distance						
		3	4	5	6	7		
	36.0	1.0	1.0	1.0	1.4	2.4		
	30.0	1.0	1.0	1.0	1.0	1.9		
	28.0	1.0	1.0	1.0	1.0	1.7		
	26.0	1.0	1.0	1.0	1.0	1.5		
SS	24.0	1.0	1.0	1.0	1.0	1.4		
cue	22.0	1.0	1.0	1.0	1.0	1.2		
Door thickness	20.0	1.0	1.0	1.0	1.0	1.0		
or t	18.0	1.0	1.0	1.0	1.0	1.0		
۵	16.0	1.0	1.0	1.0	1.0	1.0		
Minimum gap								

MINIMUM REVEAL

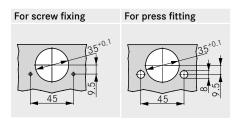
		Cup distance						
		3	4	5	6	7		
	36.0	10.6	9.6	8.6	7.6	6.7		
	30.0	4.5	3.5	2.5	2.5	1.5		
	28.0	2.0	1.5	1.5	1.3	1.3		
	26.0	1.0	1.0	1.0	1.0	1.0		
SS	24.0	0.6	0.6	0.6	0.6	0.6		
cue	22.0	0.5	0.5	0.5	0.5	0.5		
Door thickness	20.0	0.3	0.3	0.3	0.3	0.3		
고다	18.0	0.2	0.2	0.2	0.2	0.2		
Õ	16.0	0.2	0.2	0.2	0.2	0.2		
	Minimum reveal (F)							

NOTES

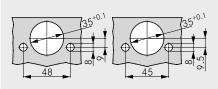
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

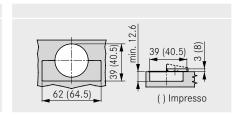
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso





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			Damper		without	Artno. ³											
		Cranking	with	without		Click-on For screw fixing	Click-on For press fitting										
	пП			-	-	F028139138	F028140422										
Overlay ¹		3	-		-	F045149534	F045149537										
			-	-		F046 149 609	F046 149 644										
	9.5	9.5		-	-	F028140936	F028140423										
Half overlay ²			9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	-		-	F045149535	F045149538	
			-	-		F046149610	F046 149 645										
	пП			-	-	F028140939	F028140424										
Inset ²		19	-		-	F045149536	F045 149 539										
			-	-	•	F046 149 611	F046 149 646										

¹ Cup material: steel, night / Arm material: steel, night

³ Available on request

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, night, not imprinted	3/9.5/19	On request	F072 140 519
	Hinge cup cover cap, steel, night, not imprinted	3/9.5/19	-	F072140520

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Stage.	Countersunk wood screw, night Ø 3.5 x 15 mm	F072 135 961

Designation	Artno.
Unclipping protector	F072 135 807

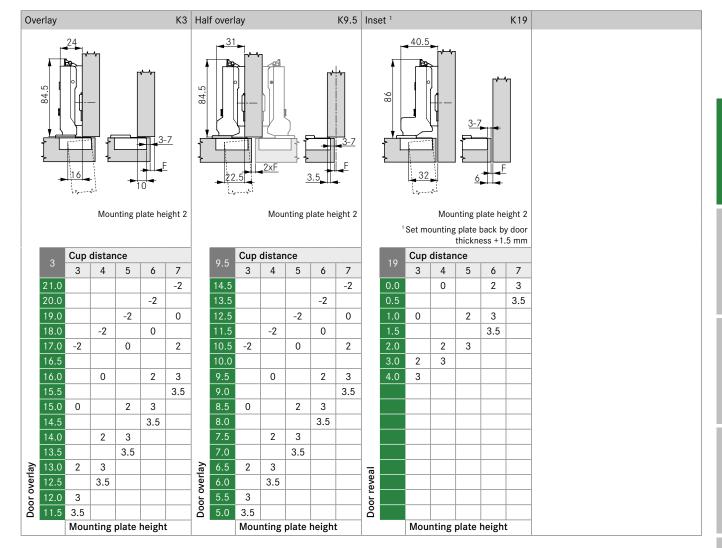
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

² Cup material: steel, night / Arm material: Zamak, night

All dimensions in millimetres



MINIMUM GAP

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

MINIMUM REVEAL

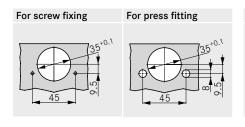
		Cup distance						
		3	4	5	6	7		
	36.0	10.6	9.6	8.6	7.6	6.7		
	30.0	4.5	3.5	2.5	2.5	1.5		
	28.0	2.0	1.5	1.5	1.3	1.3		
	26.0	1.0	1.0	1.0	1.0	1.0		
SS	24.0	0.6	0.6	0.6	0.6	0.6		
Door thickness	22.0	0.5	0.5	0.5	0.5	0.5		
듣	20.0	0.3	0.3	0.3	0.3	0.3		
걸	18.0	0.2	0.2	0.2	0.2	0.2		
õ	16.0	0.2	0.2	0.2	0.2	0.2		
		Mini	mum	revea	l (F)			

NOTES

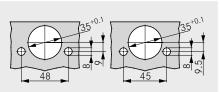
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

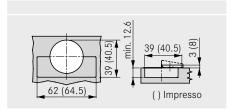
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

DRILLING PATTERNS 45/9.5



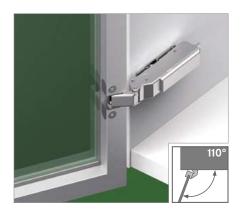
Combination drilling pattern for Impresso





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			Damper			Artno.															
		Cranking	with	without	without spring	Click-on For screw fixing															
				-	-	F028138154															
Full overlay ¹		0	-		-	F045138061															
			-		•	F046138245															
		3		-	-	F028138155															
Overlay 1			-		-	F045138062															
			_			F046138246															
	пП	9.5	-	-	-	F028138156															
Half overlay ²			9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	_		-	F045138063	
			-		•	F046138247															
		19	-	-	-	F028138157															
Inset ²			-		-	F045 138 064															
			-			F046138248															

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0 (0 (0 5 (40	GRASS logo	F072 135 550
4	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19		F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504

	Designation	Artno.
A00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Housing fixing screw M 3 x 6	F069073405

Designation	Artno.
Unclipping protector	F072 135 807

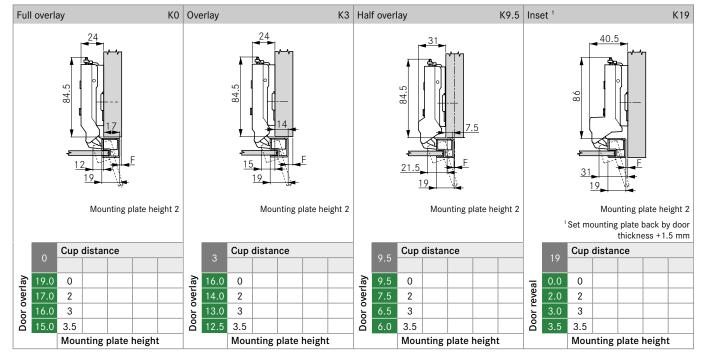
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

² Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

All dimensions in millimetres

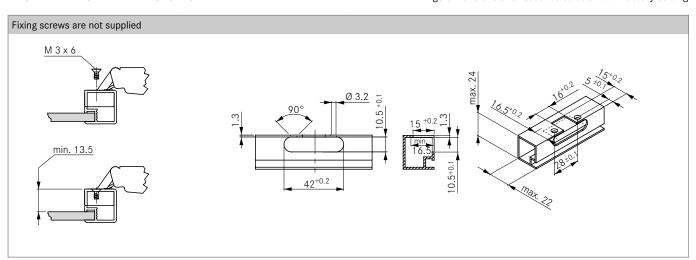


MINIMUM REVEAL

		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	
thickness	20.0	1.1	1.1	1.1	1.1	1.1	
왕	19.0	0.9	0.9	0.9	0.9	0.9	
Ė	18.0	0.7	0.7	0.7	0.7	0.7	
Frame	17.0	0.6	0.6	0.6	0.6	0.6	
Fra	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



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			Damper		without	Artno.																																					
		Cranking	with	without		Click-on For screw fixing																																					
				-	-	F028 149 495																																					
Full overlay ¹		0	-	-	-	-																																					
			-			-																																					
	пП	3		-	-	F028140404																																					
Overlay ¹			-		-	F045149510																																					
			-			F046 149 594																																					
	П			-	-	F028140405																																					
Half overlay ²		9.5	-	■ - F045 149 511																																							
																																						-	-		F046149 595		
Inset ²	19 -			-	-	F028140406																																					
			-	F045149512																																							
			-	-		F046 149 596																																					

¹ Cup material: steel, night / Arm material: Zamak, night

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, night, not imprinted	0/3/9.5/19	On request	F072140519

	Designation	Artno.
700	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Housing fixing screw M 3 x 6	F069073405

Designation	Artno.
Unclipping protector	F072 135 807

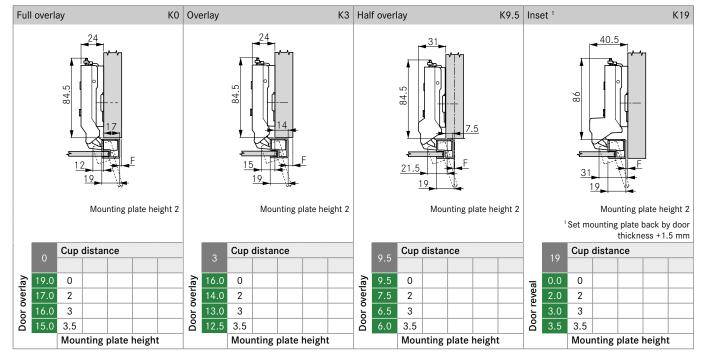
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

² Cup material: Zamak, night / Arm material: Zamak, night

All dimensions in millimetres

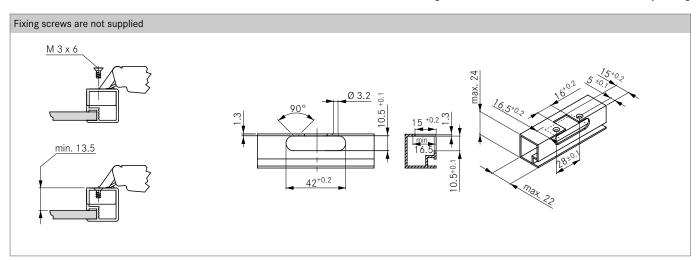


MINIMUM REVEAL

		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		
ess	20.0	1.1	1.1	1.1	1.1	1.1		
k	19.0	0.9	0.9	0.9	0.9	0.9		
Ē	18.0	0.7	0.7	0.7	0.7	0.7		
Frame thickness	17.0	0.6	0.6	0.6	0.6	0.6		
Fra	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



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	Artno.		
			with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools ²	
			•	-	-	F028138535	F028 138 545	F017 139 341	
Overlay ¹			-	•	-	F045138473	F045 138 483	F034139312	

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0 /2 /0 5 /10	CDACC Is as	F072 135 550
S	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

	Designation	Artno.
	85° opening angle reduction clip	F072 135 751
700	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

	Designation	Artno.
Baya.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

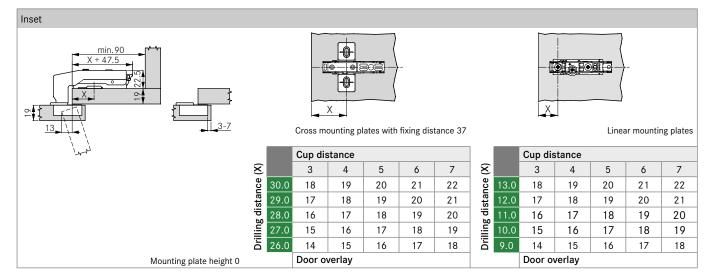
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

² Available on request

All dimensions in millimetres



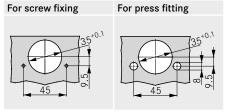
MINIMUM REVEAL

		Cup d	istance	•			
		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	
SS	20.0	1.0	1.0	1.0	1.0	1.0	
å	19.0	1.0	1.0	1.0	1.0	1.0	
hiel	18.0	1.0	1.0	1.0	1.0	1.0	
Door thickness	17.0	1.0	1.0	1.0	1.0	1.0	
8	16.0	1.0	1.0	1.0	1.0	1.0	
		Minimum gap					

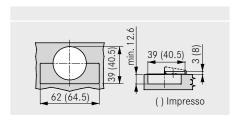
NOTES

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



Combination drilling pattern for 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	Artno.		
		with	without	spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
			-	-	F028138536	F028138546	F017 139 342
Inset ¹		-		-	F045138474	F045138484	F034139313
		-		•	F046138 596	-	-

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
A STATE OF THE PARTY OF THE PAR	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint			F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

	Designation	Artno.
	85° opening angle reduction clip	F072 135 751
J	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396

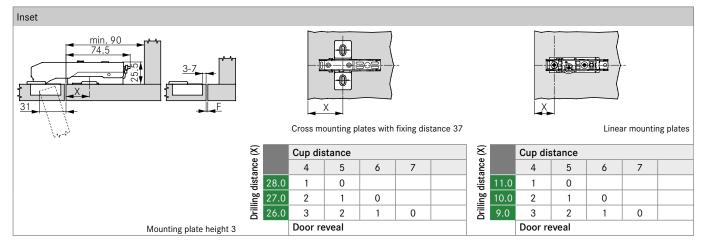
	Designation	Artno.
Eleman.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

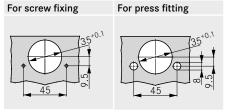
	Cup distance						
		3	4	5	6	7	
	24.0	2.4	2.1	2.1	2.1	2.0	
	22.0	1.6	1.6	1.6	1.5	1.5	
	21.0	1.4	1.3	1.3	1.3	1.3	
SS	20.0	1.1	1.1	1.1	1.1	1.1	
ü	19.0	0.9	0.9	0.9	0.9	0.9	
Door thickness	18.0	0.7	0.7	0.7	0.7	0.7	
or t	17.0	0.6	0.6	0.6	0.6	0.6	
å	16.0	0.6	0.6	0.6	0.6	0.6	
		Minimum reveal (F)					

NOTES

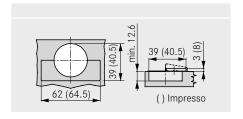
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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		Artno.		
			with	without	without - spring	Click-on For screw fixing		Impresso without tools
	П		-	-	-	F028138529		F017 139 335
Overlay 1			-	-	-	F045138467		F034139306
			-			F046138589		-

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

COVER CAPS

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
A00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Element of the second	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

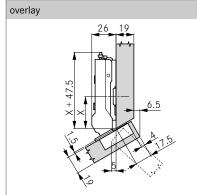
Designation	Artno.
Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

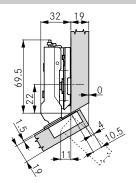
Tipmatic	278
Technical information	94

Assembly aids	332

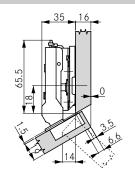
All dimensions in millimetres



Mounting plate height 0

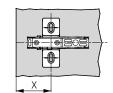


Mounting plate height 6



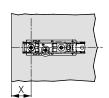
Mounting plate height 9

	Cup d	istance)			
	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				
	Mount	ting pla	ate heig	tht		
	19.5 18.5 17.5 16.5 16.0 15.5 15.0 14.5 14.0 13.5 13.0 12.5 11.5	3 20.5 19.5 18.5 17.5 16.5 0 16.0 15.5 15.0 14.5 14.0 2 13.5 13.0 3 12.5 3.5 11.5	3 4 20.5 19.5 18.5 17.5 0 16.0 15.5 15.0 2 14.5 14.0 2 3 3.5 13.0 3 12.5 3.5 11.5 10.5	20.5 19.5 18.5 0 17.5 0 16.5 0 16.0 2 15.5 3.5 14.5 3.5 14.0 2 3 3.5 13.0 3 12.5 3.5 11.5 6 10.5 6	3 4 5 6 20.5 19.5 0 18.5 0 20.5 0 17.5 0 20.5 16.5 0 16.0 2 3 15.5 2 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	3 4 5 6 7 20.5 0 0 19.5 0 2 18.5 0 2 3 16.5 0 2 3 16.0 2 3 3 15.5 3.5 3.5 15.0 2 3 3 14.5 3.5 3.5 13.0 3 3 12.5 3.5 6 11.5 6 6



Cross mounting plates with fixing distance 37

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



Linear mounting plates

	Mounti	Mounting plate height						
	0	2	3	3.5				
Χ	17.0	16.0	15.0	15.0				
	Linear ı	mounting	g plate p	osition ((X)			

MINIMUM GAP

		Cup d	istance)			
		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	
SS	17.0	1.0	1.0	1.0	1.0	1.0	
ćne	16.0	1.0	1.0	1.0	1.0	1.0	
hic							
Door thickness							
۵							
Minimum gap							

MINIMUM REVEAL

		Cup d	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			
SS	17.0	0.6	0.6	0.6	0.6	0.6			
ćne	16.0	0.6	0.6	0.6	0.6	0.6			
Door thickness									
ort									
۵									
	Minimum reveal (F)								

NOTES

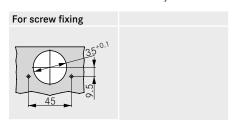
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

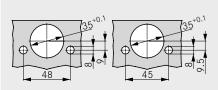
Hinge dimensions and reveal calculation with factory setting.

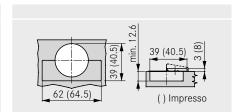
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

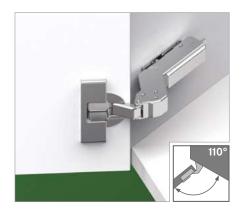


Combination drilling pattern for Impresso





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		Artno.		
			with	without	without spring	Click-on For screw fixing		Impresso without tools
n			-	-	-	F028138530		F017 139 336
Inset ¹			-	-	-	F045138468		F034 139 307
			-	-		F046138590		-

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
4 6139	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Book	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

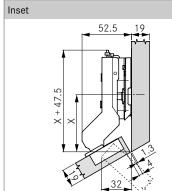
	Designation	Artno.
	Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

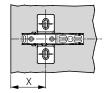
Assembly aids	332

All dimensions in millimetres



Mounting plate height 9

		Cup distance							
		3	4	5	6	7			
	22	9.5			12				
	21	9							
	20					12			
	19	8	9	9.5					
	18		8	9					
	17				9.5				
	16			8		9.5			
	15	6				9			
lay									
Door overlay									
٥٢									
å									
	Mounting plate height								



Cross mounting plates with fixing distance 37

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

MINIMUM REVEAL

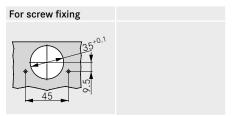
		Cup d	Cup distance					
		3	4	5	6	7		
	24.0	2.4	2.1	2.1	2.1	2.0		
	22.0	1.6	1.6	1.6	1.5	1.5		
	21.0	1.4	1.3	1.3	1.3	1.3		
	20.0	1.1	1.1	1.1	1.1	1.1		
SS	19.0	0.9	0.9	0.9	0.9	0.9		
l G	18.0	0.7	0.7	0.7	0.7	0.7		
ļģ.	17.0	0.6	0.6	0.6	0.6	0.6		
Door thickness	16.0	0.6	0.6	0.6	0.6	0.6		
å	15.0	0.6	0.6	0.6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

NOTES

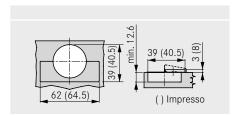
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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		Artno.		
			with	without	without spring	Click-on For screw fixing		Impresso without tools
П			-	-	-	F028138531		F017 139 337
Overlay ¹			-		-	F045138469		F034139308
			-			F046138591		-

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
4 6139	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
3	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Et ann	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

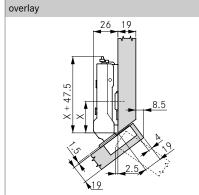
Designation	Artno.
Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

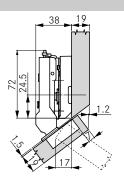
Tipmatic	278
Technical information	94

Assembly aids	332

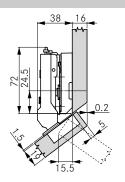
All dimensions in millimetres



Mounting plate height 0

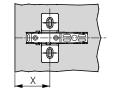


Mounting plate height 12



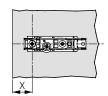
Mounting plate height 12

		Cup d	istance	•				
		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						
ā	13.0				6			
DOOL OVELIAN	12.0			6				
5	11.0		6					
3	10.0	6						
	Mounting plate height							



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM GAP

		Cup d	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			
SS	20.0	1.0	1.0	1.0	1.0	1.0			
cue	19.0	1.0	1.0	1.0	1.0	1.0			
hic	18.0	1.0	1.0	1.0	1.0	1.0			
Door thickness	17.0	1.0	1.0	1.0	1.0	1.0			
Õ	16.0	1.0	1.0	1.0	1.0	1.0			
		Minim	um gaj	0					

MINIMUM REVEAL

		Cup d	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				
SS	20.0	1.1	1.1	1.1	1.1	1.1				
Door thickness	19.0	0.9	0.9	0.9	0.9	0.9				
흗	18.0	0.7	0.7	0.7	0.7	0.7				
or t	17.0	0.6	0.6	0.6	0.6	0.6				
å	16.0	0.6	0.6	0.6	0.6	0.6				
	Minimum reveal (F)									

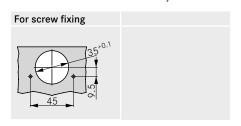
NOTES

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.

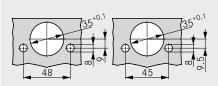
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

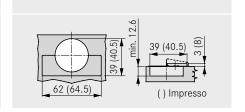
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

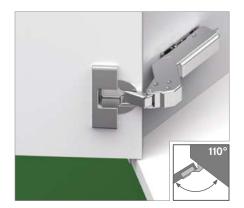


Combination drilling pattern for Impresso





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		Dam		Damper without		Artno.		
			with	without		Click-on For screw fixing		Impresso without tools
	П		-	-	-	F028138532		F017 139 338
Inset 1			-	-	-	F045138470		F034 139 309
			-			F046138592		-

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
4 6139	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
A00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Element of the second	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

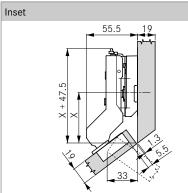
Designation	Artno.
Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

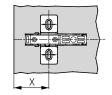
Assembly aids	332

All dimensions in millimetres



Mounting plate height 12

		Cup distance						
		3	4	5	6	7		
	22	12		14		15		
	21		12		14			
	20			12		14		
	19				12			
	18	9						
	17		9.5			12		
	16	8	9	9.5				
	15		8	9				
lay								
Door overlay								
or c								
å								
	Mounting plate height							



Cross mounting plates with fixing distance 37

		Cup d	Cup distance							
		3	4	5	6	7				
	22	59.0		57.5		56.5				
	21		57.5		56.5					
	20			56.5		55.0				
	19				55.0					
lay	18	56.0								
Door overlay	17		54.5			53.0				
٥r	16	54.5	54.0	53.0						
å	15		53.0	52.5						
Cross mounting plate position (X)										

MINIMUM REVEAL

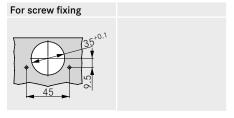
		Cup d	Cup distance						
		3	4	5	6	7			
	24.0	2.4	2.1	2.1	2.1	2.0			
	22.0	1.6	1.6	1.6	1.5	1.5			
	21.0	1.4	1.3	1.3	1.3	1.3			
	20.0 1.1	1.1	1.1	1.1	1.1	1.1			
	19.0	0.9	0.9	0.9	0.9	0.9			
	18.0	0.7	0.7	0.7	0.7	0.7			
SS	17.0	0.6	0.6	0.6	0.6	0.6			
(ne	16.0	0.6	0.6	0.6	0.6	0.6			
hic	15.0	0.6	0.6	0.6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

NOTES

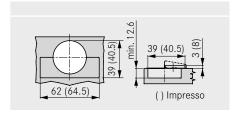
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

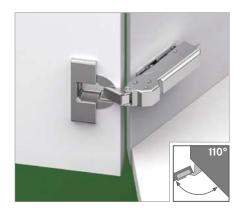
DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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

		Damper		Damper without		Artno.		
Door overlay			with	without		Click-on For screw fixing		Impresso without tools
	пП		-	-	-	F028138533		F017 139 339
Overlay ¹			-		-	F045138471		F034139310
	\ \X		-		•	F046138593		-

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
4 6139	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Et ann	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

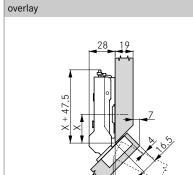
Designation	Artno.
Unclipping protector	F072 135 807

Tiomos mounting plates	80
Accessories	90

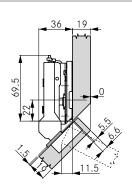
Tipmatic	278
Technical information	94

Assembly aids	332

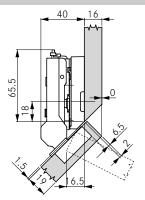
All dimensions in millimetres



Mounting plate height 0

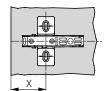


Mounting plate height 8



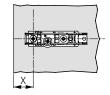
Mounting plate height 12

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



Cross mounting plates with fixing distance 37

	Mounting plate height						
	0	2	3	3.5	6		
Χ	30.5	28.5	27.5	27.0	24.5		
	Cross mounting plate position (X)						



Linear mounting plates

	Mounting plate height						
	0	2	3	3.5			
Χ	13.5	11.5	10.5	10.0			
	Linear mounting plate position (X)						

MINIMUM GAP

		Cup d	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			
SS	20.0	1.0	1.0	1.0	1.0	1.0			
cue	19.0	1.0	1.0	1.0	1.0	1.0			
hick	18.0	1.0	1.0	1.0	1.0	1.0			
Door thickness	17.0	1.0	1.0	1.0	1.0	1.0			
8	16.0	1.0	1.0	1.0	1.0	1.0			
		Minim	um ga	0					

MINIMUM REVEAL

		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			
SS	20.0	1.1	1.1	1.1	1.1	1.1			
cue	19.0	0.9	0.9	0.9	0.9	0.9			
Door thickness	18.0	0.7	0.7	0.7	0.7	0.7			
or t	17.0	0.6	0.6	0.6	0.6	0.6			
8	16.0	0.6	0.6	0.6	0.6	0.6			
		Minim	ıum rev	real (F)					

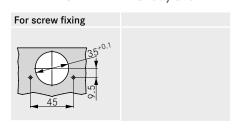
NOTES

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.

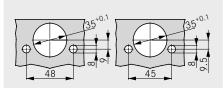
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

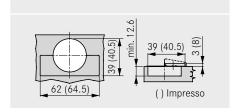
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso





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		Damp		nper	without	Artno.		
			with	without	without spring	Click-on For screw fixing		Impresso without tools
	пП		-	-	-	F028138534		F017139340
Inset ¹			-		-	F045138472		F034139311
			-			F046138 594		-

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

COVER CAPS

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
A00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
Element of the second	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

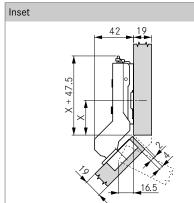
Designation	Artno.
Unclipping protector	F072 135 807

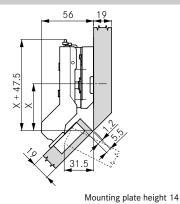
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres





Cup distance 3 7 6 5 0 2 3 4 5 6 0 2 0 3 3.5 2 3 3.5 3 2

3.5

Mounting plate height 0

Mounting plate height

3

3.5

	Moun	ting pla	ite heig	ght		
	0	2	3	3.5		
37 35 34 33.5						
	Cross mounting plate position (X)					

		Cup distance						
		3	4	5	6	7		
	22		15.5					
	21	14		15				
	20			14	15	15.5		
	19	12			15	15		
a S	18		12			14		a _y
š	17			12				Ver
Door overlay	16				12			Door overlay
Š	15	9				12		å
	Mounting plate height							

		Cup d	istance	•			
		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)					

Cross mounting plates with fixing distance 37

MINIMUM REVEAL

2

3

3.5

Door reveal

8

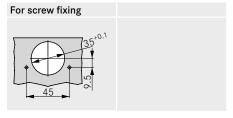
		Cup distance					
		3	4	5	6	7	
	24.0	2.4	2.1	2.1	2.1	2.0	
	22.0	1.6	1.6	1.6	1.5	1.5	
	21.0	1.4	1.3	1.3	1.3	1.3	
SS	20.0	1.1	1.1	1.1	1.1	1.1	
ë	19.0	0.9	0.9	0.9	0.9	0.9	
할	18.0	0.7	0.7	0.7	0.7	0.7	
Door thickness	17.0	0.6	0.6	0.6	0.6	0.6	
8	16.0	0.6	0.6	0.6	0.6	0.6	
	Minimum reveal (F)						

NOTES

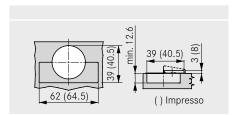
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

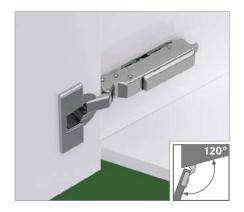
DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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

				Damper		Artno.		
Door overlay			with	without	without spring	Click-on For screw fixing		Impresso without tools ²
Outside 1	П		•	-	-	F028 138 555		F017 139 347
Overlay ¹			-	•	-	F045 138 493		F034139318

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
College	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
S	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
Boogs.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

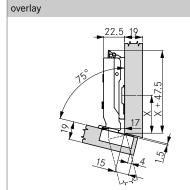
Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94						
Assembly aids	332						

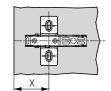
² Available on request

All dimensions in millimetres



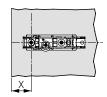
Mounting plate height 0

		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				
ja Š	10.5	3			6		
š	10.0	3.5					
Door overlay	9.5			6			
င္	8.5		6				
		Mounti	ng plate	height			



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM REVEAL

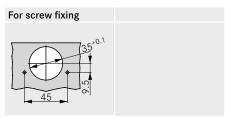
		Cup dis	Cup distance					
		3	4	5	6	7		
	24.0	6.4	5.4	4.4	3.4	2.4		
	22.0	3.0	2.0	1.5	1.5	1.5		
	21.0	1.4	1.3	1.3	1.3	1.3		
SS	20.0	1.1	1.1	1.1	1.1	1.1		
kne	19.0	0.9	0.9	0.9	0.9	0.9		
hic	18.0	0.7	0.7	0.7	0.7	0.7		
Door thickness	17.0	1.0	1.0	1.0	1.0	1.5		
8	16.0	1.0	1.0	1.0	1.0	1.0		
		Minimu	m revea	I (F)				

NOTES

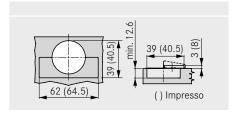
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

We recommend a trial fitting.

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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

				Damper		Artno.		
Door overlay	por overlay		with	without	without spring	Click-on For screw fixing		Impresso without tools ²
		•	-	-	F028138556		F017 139 348	
Overlay ¹			-	•	-	F045 138 494		F034 139 319

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Contract	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	ODAGG Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

	Designation	Artno.
Spann.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6
	Unclipping protector	F072 135 807

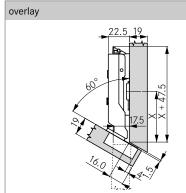
Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94	
Assembly aids	332	

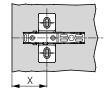
² Available on request

All dimensions in millimetres



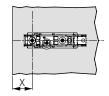
Mounting plate height 0

		Cup dis	tance			
		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	
<u> </u>	10.5	3.5				
š	10.0			6		
Door overlay	9.0		6			
ဒိ	8.0	6				
		Mounti	ng plate	height		



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM REVEAL

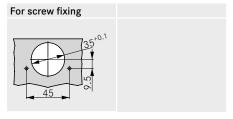
		Cup dis	tance			
		3	4	5	6	7
	24.0	6.4	5.4	4.4	3.4	2.4
	22.0	3.0	2.0	1.5	1.5	1.5
	21.0	1.4	1.3	1.3	1.3	1.3
SS	20.0	1.1	1.1	1.1	1.1	1.1
kne	19.0	0.9	0.9	0.9	0.9	0.9
hic	18.0	0.7	0.7	0.7	0.7	0.7
Door thickness	17.0	1.0	1.0	1.0	1.0	1.5
8	16.0	1.0	1.0	1.0	1.0	1.0
		Minimu	m revea	I (F)		

NOTES

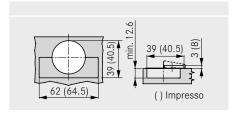
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

We recommend a trial fitting.

DRILLING PATTERNS 45/9.5



Combination drilling pattern for Impresso



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		Artno.		
			with	without		Click-on For screw fixing		Impresso without tools ²
Overales 1				-	-	F028 138 557		F017 139 349
Overlay ¹			-	•	-	F045 138 495		F034 139 320

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Control	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	_	F072 135 503

	Designation	Artno.
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Unclipping protector	F072 135 807

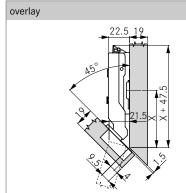
Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94
Assembly aids	332

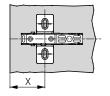
² Available on request

All dimensions in millimetres



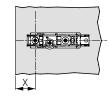
Mounting plate height 0

	Cup dis	tance			
	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				
	Mounti	ng plate	height		
	11.5 10.5 9.5 8.5 8.0 7.5 7.0 6.5 6.0 5.5 4.0 3.5 3.0 2.0	3 12.0 11.5 10.5 9.5 8.5 0 8.0 7.5 7.0 6.5 6.0 5.5 2 5.0 4.5 4.0 3 3.5 3.5 3.0 2.0 1.0 0.0 6	12.0 11.5 10.5 9.5 0 8.5 0 8.0 7.5 7.0 6.5 2 6.0 5.5 2 5.0 3 4.5 3.5 3.5 3.0 2.0 1.0 6 0.0 6	3 4 5 12.0 11.5 10.5 0 9.5 8.5 0 8.0 7.5 2 7.0 6.5 2 8.0 3 3.5 5.0 3 3.5 4.0 3 3.5 3.0 2.0 6 6	3 4 5 6 12.0 0 0 11.5 0 0 9.5 0 2 8.5 0 2 8.0 2 3 7.5 2 3.5 6.0 3 3.5 5.5 2 3.5 5.0 3 3.5 4.0 3 3.5 3.0 6 6 1.0 6 6 0.0 6 6



Cross mounting plates with fixing distance 37

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



Linear mounting plates

	Moun	Mounting plate height										
	0	0 2 3 3.5										
Х	X 43.5 45.5 46.5 47											
	Linear	moun	ting pla	te pos	ition (X)						

MINIMUM REVEAL

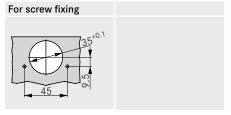
		Cup distance								
		3	4	5	6	7				
	24.0	6.4	5.4	4.4	3.4	2.4				
	22.0	3.0	2.0	1.5	1.5	1.5				
	21.0	1.4	1.3	1.3	1.3	1.3				
SS	20.0	1.1	1.1	1.1	1.1	1.1				
k	19.0	0.9	0.9	0.9	0.9	0.9				
hic	18.0	0.7	0.7	0.7	0.7	0.7				
Door thickness	17.0	1.0	1.0	1.0	1.0	1.5				
မိ	16.0	1.0	1.0	1.0	1.0	1.0				
	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

NOTES

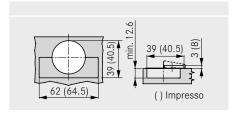
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

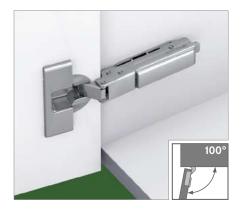


Combination drilling pattern for Impresso $35^{+0.1}$



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			Dan	nper	without		Artno.	
		Cranking	with	without		Click-on For screw fixing	Click-on For press fitting	
Overlay 1		3	-	•	-	F045 139 071	F045 139 052	
Overlay		3						

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
(4.8)	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 550
*	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

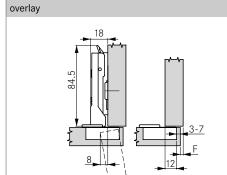
	Designation	Artno.
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6
	Unclipping protector	F072 135 807

Designation	Artno.

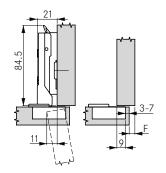
Tiomos mounting plates	80
Accessories	90

Technical information	94	
Assembly aids	332	

All dimensions in millimetres



Mounting plate height 0



Mounting plate height 3

		Cup d	istance)						
		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						
rlay	13.0	2	3							
Š	12.5		3.5							
Door overlay	12.0	3								
മ	11.5	3.5								
	Mounting plate height									

MINIMUM GAP

		Cup d	istance	,				
		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		
SS								
kne								
Door thickness								
or t								
ದಿ								
	Minimum gap							

MINIMUM REVEAL

		Cup d	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				
SS										
kne										
Pi:										
Door thickness										
å										
		Minim	ıum rev	real (F)						

NOTES

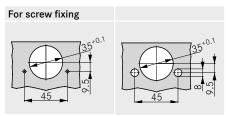
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

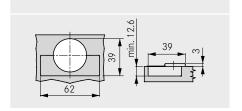
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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





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		Dam		Damper		without	Artno.		
			with	without		Click-on For screw fixing	Click-on For press fitting		
1			-	•	-	F045 138 517	F045138518		
	H								

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

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0 /0 /0 5 /10	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
Hinge cup cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	-	F072 135 503

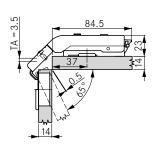
	Designation	Artno.
Son.	Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Unclipping protector	F072135807

Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94	
Assembly aids	332	

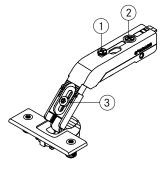
All dimensions in millimetres



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



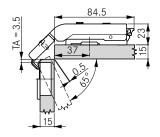
Door thickness (TS) 19 mm (factory setting) Cup distance (TA) 3.5 mm Mounting plate height 0



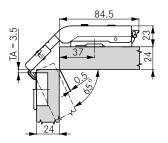
Adjustment in the hinge arm:

- 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)

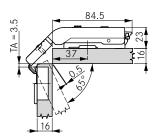
Height adjustment via mounting plate



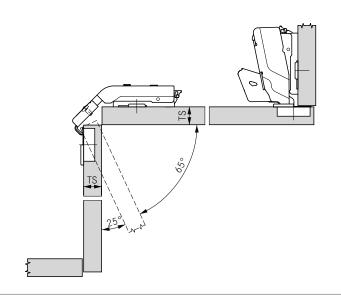
Door thickness (TS) 15 mm Cup distance (TA) 3.5 mm Mounting plate height 0



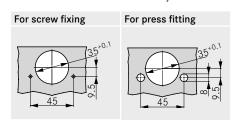
Door thickness (TS) 24 mm Cup distance (TA) 3.5 mm Mounting plate height 0

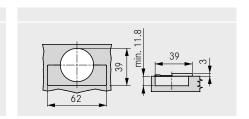


Door thickness (TS) 16 mm Cup distance (TA) 3.5 mm Mounting plate height 0



DRILLING PATTERNS 45/9.5





TIOMOS 95 MINI

95° mini-hinge



- Suitable for small doors and doors with narrow frames
- $\bullet\,$ 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			Damper		without	Artno.		
		Cranking	with	without		Click-on For screw fixing		
nf)			-	-	-	F045139063		
overlay ¹		3	-		-	F045 139 064		

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

COVER CAPS

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504

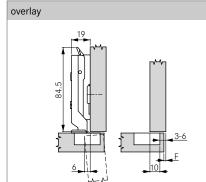
	Designation	Artno.
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Unclipping protector	F072 135 807

Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94				
Assembly aids	332				

All dimensions in millimetres



Mounting plate height 2

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

MINIMUM GAP

Door overlay

		Cup d	istance)		
		3	4	5	6	
	22.0	1.0	1.0	1.0	1.0	
	20.0	1.0	1.0	1.0	1.0	
	18.0	1.0	1.0	1.0	1.0	
	16.0	1.0	1.0	1.0	1.0	
SS						
å						
hicl						
Door thickness						
Õ						
		Minim	ium ga	ρ		

MINIMUM REVEAL

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

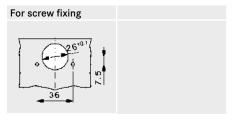
NOTES

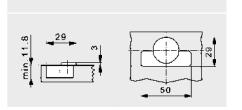
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

Hinge dimensions and reveal calculation with factory setting.

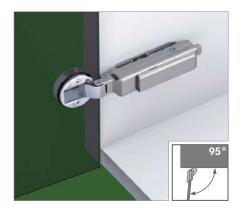
DRILLING PATTERNS





TIOMOS 95 GL MINI

95° glass door hinge



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- $\bullet\,$ 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			Damper		without	Artno.		
		Cranking	with	without		Click-on For screw fixing		
	Л		-	-	-	F045 138 079		
overlay ¹		3						

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

COVER CAPS

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072135551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504

DECORATIVE COVER CAPS

	Designation	Artno.
	Nickel velour	F069 073 420
	Nickel polished, eroded	F069073421
	Brass polished, eroded	F069073422
	Silver RAL 9006	F069073410
	Black	F069073424

	Designation	Artno.
	Nickel velour	F069073425
	Nickel polished, eroded	F069073414
	Brass polished, eroded	F069 073 427
	Silver RAL 9006	F069 073 417
	Black	F069073428
	Chrome finish	F069073419

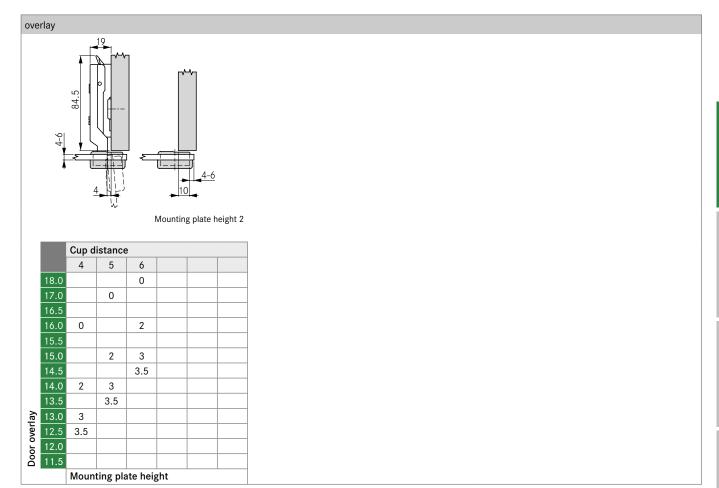
Designation	Artno.
Unclipping protector	F072 135 807

Designation	Artno.

Tiomos mounting plates	80
Accessories	90

Technical information	94	
Assembly aids	332	

All dimensions in millimetres



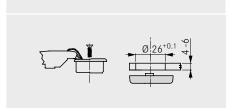
NOTES

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

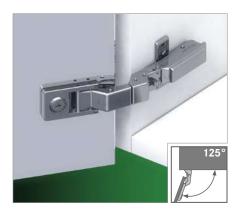
39 26 0.7 9

26*0.1



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

		Damper		without	Artno.			
Door overlay	Cranking	with	without		Click-on For screw fixing			
		•	-	-	F029 140 325			
	14	14	-	•	-	F047 140 326		
		-		•	F049 140 327			

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDASS logo	F072 135 550
3	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504

	Designation	Artno.
A00	Tipmatic pin for wooden and aluminium frame doors	F069 135 396
	85° opening angle reduction clip	F072 135 871
	Stainless steel adapter Tiomos Mirro for mirrors	F069 073 731

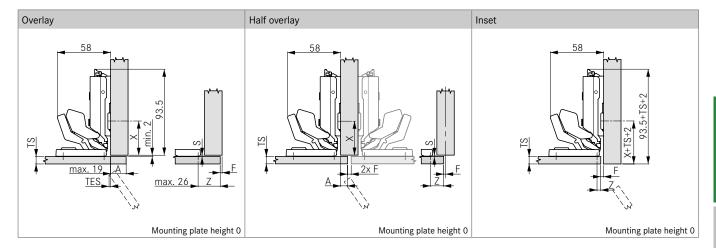
Designation	Artno.
+5° wedge	F072 135 757
-5° wedge	F072 135 758

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres

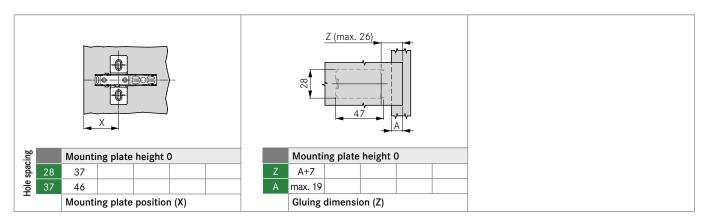


MINIMUM GAP/MINIMUM REVEAL

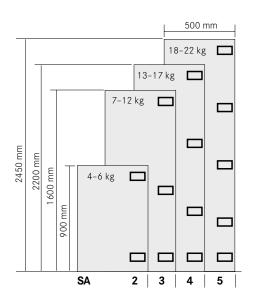
values for 0 mounting plate height

01: 11: 1- (7)			1 .			_		_		_	١ .	_				_			1 .	
Gluing dimension (Z)		4		5	1	3	1	5	1	/	1	9	2	1	2	22	2	24	2	26
Door protrusion (TES)	(0	()	(0		0		0	(0)	0	.5	1	.5		3
Door overlay (A)	-	3	-	2		6		8	1	0	1	2	1	4	1	5	1	7	1	9
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	2	2	2	2	2	2	2	2	2	2

ECO CROSS-MOUNTING PLATE STAINLESS STEEL 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.

- 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.
- (i) 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.
- (i) 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

		Damper		without	Artno.		
Door overlay	Cranking	with	without		Click-on For screw fixing		
		•	-	-	F029 140 468		
	14	-	•	-	F049 140 469		
		-	•	•	F049 140 470		

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, night, not imprinted	On request	F072 140 519

	Designation	Artno.
A 00	Tipmatic pin for wooden and aluminium frame doors	F069 135 396
	85° opening angle reduction clip	F072 135 871
	Stainless steel adapter Tiomos Mirro for mirrors	F069073 731

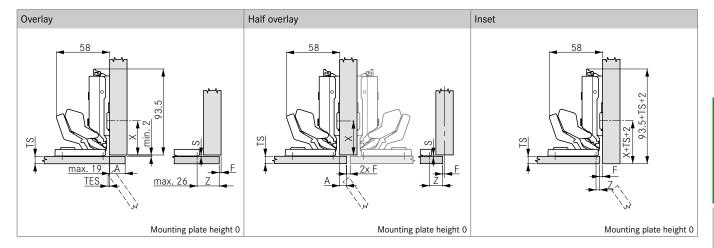
Designation	Artno.
+5° wedge	F072 135 757
-5° wedge	F072 135 758

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres

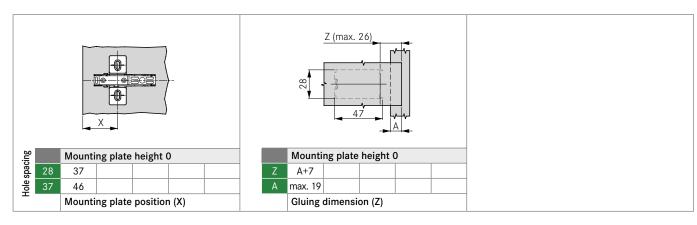


MINIMUM GAP/MINIMUM REVEAL

values for 0 mounting plate height

Gluing dimension (Z)	4	4	Ę	5	1	3	1	5	1	7	1	9	2	1	2	2	2	4	2	6		
Door protrusion (TES)	()	()	()	())	()	()	0	.5	1.	.5	3	3		
Door overlay (A)	-	3	-:	2	(5		3	1	0	1	2	1	4	1	15		15		17		9
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	2	2	2	2	2	2	2	2	2	2		

ECO CROSS-MOUNTING PLATE STAINLESS STEEL ADAPTER



NUMBER OF HINGES

500 mm 18-22 kg 13-17 kg 7-12 kg 2450 mm 2200 mm 1600 mm 4-6 kg 900 2 SA 3

NOTES

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

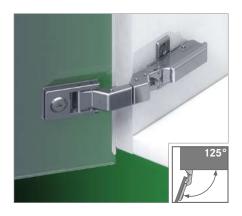
① Attention: With mirror or glass doors, all reveals must be at least 1.5 mm (otherwise there is a risk of breakage).

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

- 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.
- (i) 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.
- (i) **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

		Dan	nper	without	Artno.				
Door overlay	Cranking	with	without		Click-on For screw fixing				
		•	-	-	F029 140 325				
	14	-	•	-	F047 140 326				
		-	•	•	F049 140 327				

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDASS logo	F072 135 550
3	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504

	Designation	Artno.
A00	Tipmatic pin for wooden and aluminium frame doors	F069 135 396
	85° opening angle reduction clip	F072 135 871
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	F072 135 868

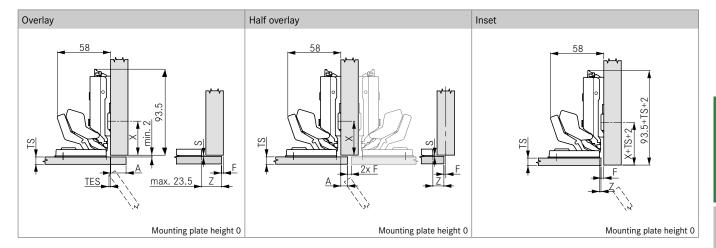
Designation	Artno.
+5° wedge	F072 135 757
-5° wedge	F072 135 758

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres

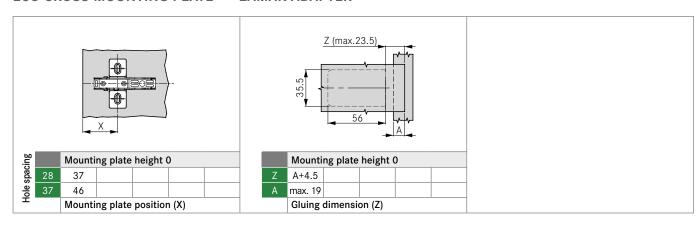


MINIMUM GAP/MINIMUM REVEAL

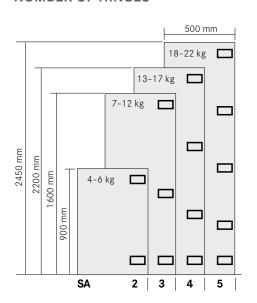
values for 0 mounting plate height

Gluing dimension (Z)	1	.5	2	.5	10).5	12	2.5	14	l.5	16	5.5	18	3.5	19.5		2	21.5		3.5							
Door protrusion (TES)	(0	())	())	()	()	0	.5	1	.5	(3							
Door overlay (A)	-	3	-	2		5	3	3	1	0	1	2	1	4	1	15		15		15		15		7	1	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	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.

- 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.
- (i) 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.
- (i) 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

		Dan	nper	without	Artno.				
Door overlay	Cranking	with	without		Click-on For screw fixing				
		•	-	-	F029 140 468				
	14	-		-	F049 140 469				
		-		•	F049 140 470				

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, night, not imprinted	On request	F072 140 519

	Designation	Artno.
X00	Tipmatic pin for wooden and aluminium frame doors	F069 135 396
	85° opening angle reduction clip	F072 135 871
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	F072 135 868

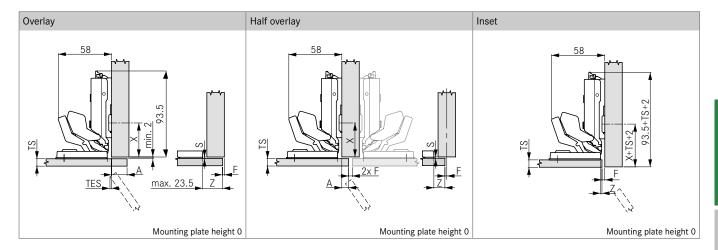
Designation	Artno.
+5° wedge	F072 135 757
-5° wedge	F072 135 758

Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

All dimensions in millimetres

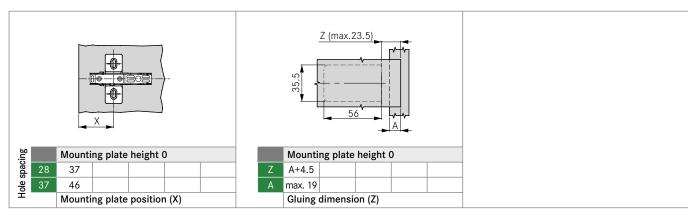


MINIMUM GAP/MINIMUM REVEAL

values for 0 mounting plate height

Gluing dimension (Z)	1	.5	2	.5	10).5	12	2.5	14	1.5	16	5.5	18	3.5	19	9.5	2	1.5	23	3.5	
Door protrusion (TES)	()	()		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	2	2	2	2	2	2	2	2	2	2	

ECO CROSS-MOUNTING PLATE ZAMAK ADAPTER



NUMBER OF HINGES

500 mm 18-22 kg 13-17 kg 7-12 kg 2450 mm 2200 mm 1600 mm 4-6 kg 900 2 SA 3

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.

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.

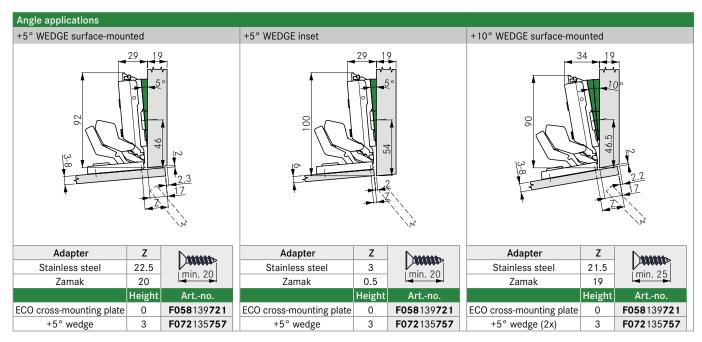
- (i) Liability claims: GRASS cannot accept any liability either for the glue used or the gluing process nor can it accept any responsibility for claims arising therefrom; we kindly ask for your understanding in this respect.
- (i) Attention: Mirro hinges must not be used with cam mounting plates.

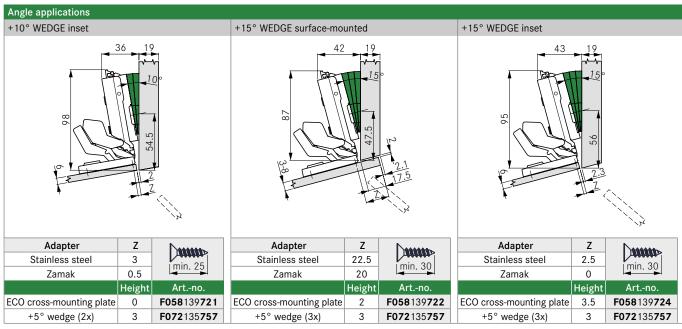
TIOMOS MIRRO

125° mirror/clear glass hinge

INSTALLATION INFORMATION

All dimensions in millimetres





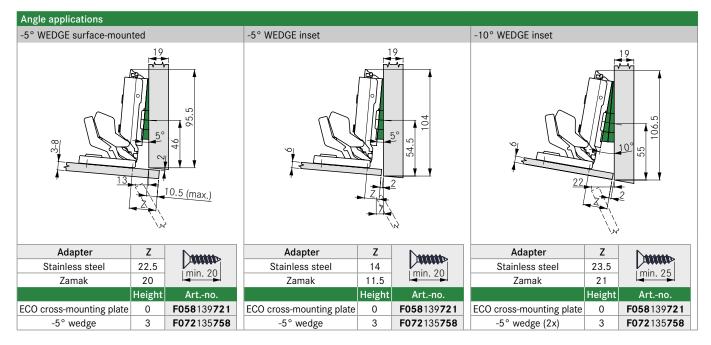
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres



NOTE

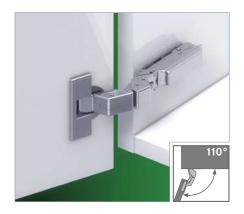
Trial fitting is recommended for all door thicknesses.

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

		Dan	nper	without	Artno.					
Door overlay	Cranking	with	without		Click-on For screw fixing					
.n .n .n			-	-	F029 140 338					
	14	-	•	-	F047 140 339					
		-		•	F049 140 340					

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

COVER CAPS

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
E SUSE OF	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
3	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted	-	F072 135 503

ACCESSORIES

	Designation	Artno.
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
X00	Tipmatic pin for wooden and aluminium frame doors	F069 135 396

Designation	Artno.
85° opening angle reduction clip	F072 135 871

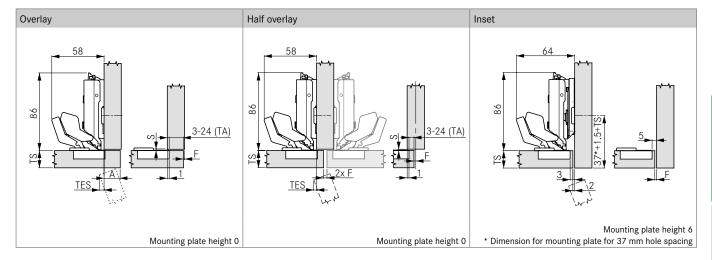
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

values for 0 mounting plate height

	Cup distance (TA)	3	3	4	ļ	Ę	5	(5	7	7	3	3	ç)	1	0	1	1	1	2	1	3
	Door protrusion (TES)	0.	.8	1.	.1	1.	.5	1.	.8	2.	.2	2	.5	2.	.9	3.	2	3.	5	3.	.9	4.	.2
	Door overlay (A)	4	ļ	į	5	(5	7	7	8	3	Ģ	7	1	0	1	1	1	2	1	3	1	4
(ST)	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
ss (12-20	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5
kne	22	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1.5	1.5	1.7	1.5	4	1.5
thick	24	1	1.5	1.2	1.5	1.3	1.5	1.5	1.5	1.7	1.5	2	1.5	2.4	1.3	3.3	1.5	8.3	1.5	7.7	1.5	6.9	1.5
	26	2.2	1.5	2.4	1.5	2.7	1.5	3.1	1.5	3.6	1.5	4.71	1.5	12¹	1.5	11.8	1.5	10.9	1.5	9.9	1.5	8.9	1.5
00 D00	28	3.9	1.5	4.3	1.5	5.1 ¹	1.5	6.3 ¹	1.5	16¹	1.5	16¹	1.5	15¹	1.5	14¹	1.5	13¹	1.5	12¹	1.5	11 ¹	1.5

	Cup distance (TA)	1	4	1	5	1	16		17		18		19		20		21		22		23		24	
	Door protrusion (TES)	4	.6	4	.9	5.	.3	5.6		5.9		6.3		6.6		7		7.3		7.6		8		
	Door overlay (A)	1	5	1	6	1	7	18		19		20		21		22		23		24		25		
(ST)	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	
ss (12-20	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	2	1	2	1	2	
kne	22	4	1.5	3.5	1.5	3	1.5	2.2	1.5	1.7	1.5	1.3	1.5	1	1.5	1	1.5	1	2	1	2	1	2	
thic	24	6	1.5	5.2	1.5	4.5	1.5	4	1.5	3.3	1.5	3	1.5	2.5	1.5	2.1	1.5	1.9	2	1.6	2	1.5	2	
or t	26	8	1.5	7.2	1.5	6.4	1.5	5.8	1.5	5.1	1.5	4.6	1.5	4.1	1.5	3.7	1.5	3.3	2	3	2	2.6	2	
õ	28	10¹	1.5	9.2	1.5	8.4	1.5	7.6	1.5	6.9	1.5	6.4	1.5	5.8	1.5	5.3	1.5	4.9	2	4.5	2	4.2	2	
														111					5-0		-			

¹ Value achievable by use of a 85° opening angle reduction clip

NOTE

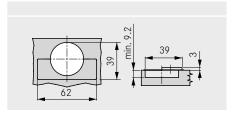
Minimum reveal for doors with chamfered edges (R = 1 mm) set at factory setting.

Trial fitting is recommended for all door thicknesses.

DRILLING TEMPLATE 45/9.5

For screw fixing

CUP DIMENSIONS

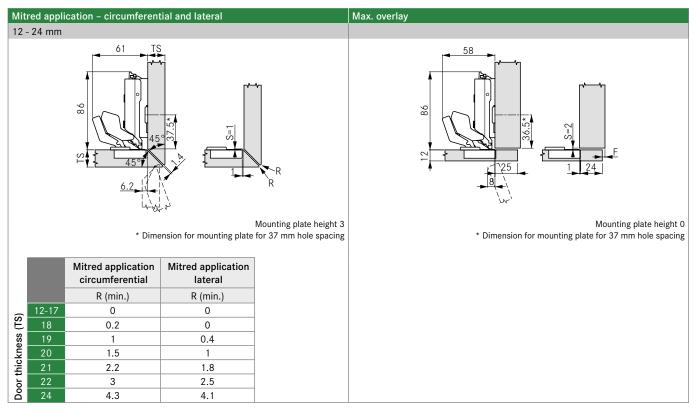


TIOMOS M9

110° hinge (door thicknesses from 12 mm)

INSTALLATION INFORMATION

All dimensions in millimetres



NOTE

With circumferential mitred application all sides 1.4 mm reveal.

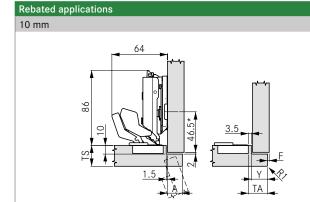
Tiomos mounting plates	80
Accessories	90

Tipmatic	278
Technical information	94

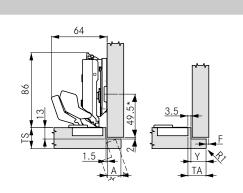
Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres



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



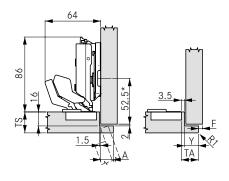
13 mm

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	17	18.5	22	1	
	28	17	18.5	22	See reveal table	
_J	38	17	18.5	22		

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
_J	32	12.5	14	17.5	

LEGEND

Α	Overlay
F	Reveal
TA	Cup distance
TS	Door thickness

TIOMOS MO

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

		Dan	nper	without	Artno.						
Door overlay	Cranking	with	without		Click-on For screw fixing						
		•	-	-	F029 140 331						
	-	-		-	F047 140 332						
		-	•		F049 140 333						

COVER CAPS

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, nickel-plated, not imprinted	On request	F072 135 500
Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	CDACC Is as	F072 135 550
Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	GRASS logo	F072 135 551
Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	On request	F072 140 504

ACCESSORIES

	Designation	Artno.
100	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	85° opening angle reduction clip	F072 135 871

	Designation	Artno.
	+5° wedge	F072 135 757
	-5° wedge	F072 135 758

FASTENING OPTIONS

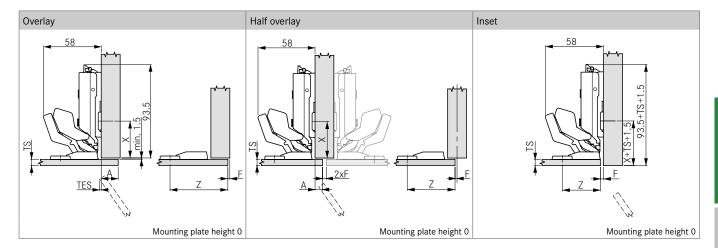
Designation	Artno.
Countersunk screw M4 x 8 mm	F072 135 947
Euro screw, nickel-plated, Ø 6.3 mm x 10.5 mm	F146073 979
Set: 100 pcs countersink screws M4 x 8 mm, 100 pcs bushings M4 x 5.5 mm, 1 pc Allen key	F072 135 928

			Material	thickness							
		6 mm	6.4 mm	8 mm	10 mm						
	MDF	-	-	F146 0	73 979						
	Chipboard	=	-	F146 0	73 979						
erial	HPL	-	73 979								
Material	nrl	-	F072135928								
	Mineral composite	-	F072 135 928								
	Aluminium	F072 135 947									

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

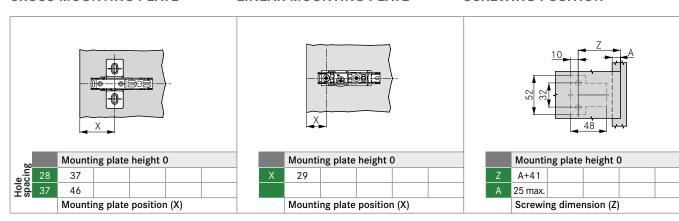
Screwing dimension (Z)	3	8	3	9	4	.7	4	9	5	51	5	3	5	5	Ę	56	5	8	6	0	6	1	6	53	6	4	6	6
Door protrusion (TES))	(0		0	(0		0		0)	С).5	1	.5	;	3	3	.4		0	()	()
Door overlay (A)	-3 -2		6 8		10 12		1	4	. 15		17		19		20		221		23¹		25¹							
Min. reveal (F)/gap (S)	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	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	1.5	2	1.5	2	1.5	2	1.5	2	1.5	2	2.5	2	3	2	4

 $^{^{1}}$ Door thickness A = 22 - 25 only with opening angle reduction clip.

CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

SCREWING POSITION



NUMBER OF HINGES

500 mm 18-22 kg 13-17 kg 7-12 kg 2450 mm 2200 mm 1600 mm 4-6 kg ШШ 006 3

NOTES

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

(i) 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

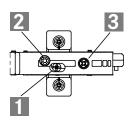
① Installation advice Countersunk screw M4 x 8 mm with sleeve M4 x 5.5 mm:

- 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

(i) 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
- ① 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.
- Liability claims: Please note that GRASS cannot accept any liability for damage resulting from unsuitable fastening materials or methods.

TIOMOSMounting plates









(HV) Height adjustment +/-2 mm

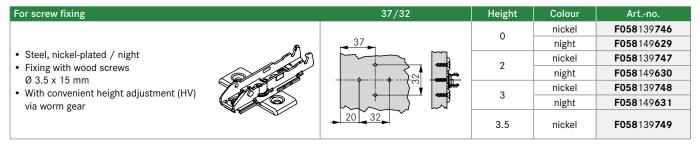
(SV) Side adjustment +/-2 mm

(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



1D CROSS MOUNTING PLATE, 4-POINT FIXING

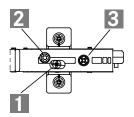
For Euro screws		37/32	Height	Artno.
	F	37	0	F058 139 756
Steel, nickel-plated Fixing with Euro screws Ø 6.3 mm			2	F058 139 757
With convenient height adjustment (HV) via worm gear			3	F058 139 758
	A. O.	20 32	3.5	F058 139 759

1D CROSS MOUNTING PLATE, 4-POINT FIXING

With pre-assembled Euro screws (13.5 mm)		37/32	!	Height	Colour	Artno.
		37	1.2	0	nickel	F058139761
	Æ	<u> </u>	→ - -		night	F058140386
Steel, nickel-plated / night				2	nickel	F058139762
Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm			375	2	night	F058140933
 With convenient height adjustment (HV) 				2	nickel	F058139763
via worm gear				<u> </u>	night	F058149632
	AL DE	20 32		3.5	nickel	F058 139 764

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

With pre-assembled Euro screws (10 mm)		37/32	Height	Artno.
Steel, nickel-plated	æ	7.5	0	F058 139 863
• Fixing with pre-assembled Euro screws Ø 6.3 x 10 mm		33	2	F058 139 864
With convenient height adjustment (HV) via worm gear			3	F058 139 865
For twin application	AN OF	20 32	3.5	F058139866









(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	Artno.
Steel, nickel-plated	37	0	F058 139 751
Fixing with Ø 10 mm dowels With convenient height adjustment (HV)		2	F058 139 752
via worm gear • Do not use a hammer for inserting the		3	F058 139 753
mounting plate	20 32	3.5	F058 139 754

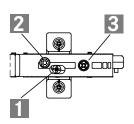
QUICK 1D CROSS MOUNTING PLATE, 4-POINT FIXING

Mounting plate (expansion dowel 11 mm)	37/32	Height	Artno.
• Steel nickel plated	37	0	F058 139 766
 Steel, nickel-plated Fixing with Ø 5 mm dowels With convenient height adjustment (HV) 	33	2	F058 139 767
via worm gear • Do not use a hammer for inserting the	25	3	F058 139 768
mounting plate!	20 32	3.5	F058 139 769

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

Twin mounting plate (expansion dowel 7.5 mm)	37/32	Height	Artno.
Steel, nickel-plated	37 75	0	F058 139 931
Fixing with Ø 5 mm dowels With convenient height adjustment (HV)		2	F058 139 932
 via worm gear Suitable for twin application Do not use a hammer for inserting the 	05.	3	F058 139 933
mounting plate!	20 32	3.5	F058 139 934

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

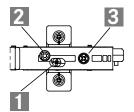
For screw fixing		28/32	Height	Artno.
	æ	28	0	F058 139 796
Steel, nickel-plated Fixing with wood screws		252	2	F058 139 797
 Ø 3.5 x 15 mm With convenient height adjustment (HV) via worm gear 			3	F058 139 798
		20 32	3.5	F058 139 799

1D CROSS MOUNTING PLATE, 4-POINT FIXING

With pre-assembled Euro screws (13.5 mm)		28/32	Height	Artno.
	Æ	28	0	F058139811
Steel, nickel-plated Fixing with pre-assembled Fixe assembled		32	2	F058139812
Euro screws Ø 6.3 x 13.5 mm • With convenient height adjustment (HV) via worm gear			3	F058 139 813
		20 32	3.5	F058139814

1D CROSS MOUNTING PLATE, 4-POINT FIXING

For press fitting		28/32	Height	Artno.
Steel, nickel-plated	₽ \ •	28	0	F058 139 801
Fixing with Ø 10 mm dowels With convenient height adjustment (HV)			2	F058 139 802
via worm gear • Do not use a hammer for inserting the			3	F058 139 803
mounting plate		0 10 32	3.5	F058 139 804









(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

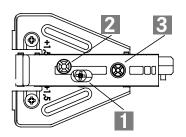
1D CROSS MOUNTING PLATE, 2-POINT SCREW FIXING

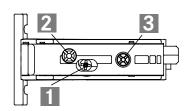
For screw fixing	37/32	Height	Artno.
Zamak/steel, nickel-plated		6	F058139892
• Fixing with wood screws Ø 3.5 x 15 mm		8	F058139886
With convenient height adjustment (HV)		9	F058139887
via worm gear	37	9.5	F058139888
		12	F058139893
		14	F058139889
		15	F058139890
		15.5	F058139891
		19	F058139894
		21	F058139895

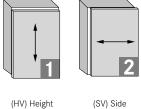
1D CROSS MOUNTING PLATE, 2-POINT FIXING

Nith pre-assembled Euro screws (13.5 mm)	37/32	Height	Artno.
Zamak/steel, nickel-plated		6	F058 139 873
Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm		8 F058 13	F058139880
With convenient height adjustment (HV)		9	F058139881
via worm gear	37	9.5	F058139882
		12	F058139874
		14	F058139883
		15	F058139884
	<u>∞ 3 → 1 → </u>	15.5	F058139885
		19	F058139875
		21	F058139896

TIOMOSMounting plates





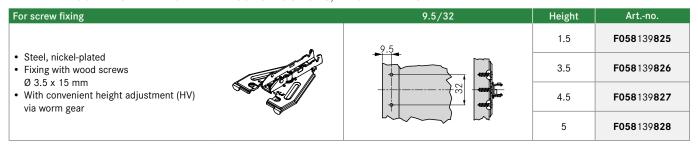




All adjustments can be carried out independently of each other.

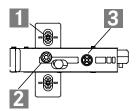
ORDER INFORMATION

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



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

For scre	w fixing	5				10/32	Height	Artno.
To be crankiSteel/FixingWith c	For inset doors To be used with hinges with cranking 9.5 Steel/Zamak, nickel-plated Fixing with pan head wood screws With convenient height adjustment (HV) via worm gear		0 20 32					
	Cup d	listance	e (TA)			21.5	0	F058139831
	3	4	5	6				
28.0	4.0					TS		
26.0		3.0						
<u>24.0</u>	4.0	3.0	2.0					
s 22.0		3.0	2.0					
20.0		3.0	2.0	1.0				
<u>당</u> 19.0	4.0	3.0	2.0	1.0				
20.0 19.0 18.0 16.0	4.0	3.0	2.0	1.0				
යි 16.0		3.0	2.0	1.0				
	Minim	num rev	real (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	Artno.
		27 24	-2	F058139720
Steel, nickel-plated	5	37 26	0	F058139721
Fixing with wood screws Ø 3.5 x 15 mm Height adjustment (HV) via slot	37	2	F058139722	
	*	3	F058139723	
	-	~ - ~	3.5	F058139724

ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (13.5 mm)	37/32	Height	Artno.
		-2	F058 139 735
Steel, nickel-plated	37 26 12	0	F058 139 736
• Fixing with pre-assembled pan head Euro screws Ø 6.3 x 13.5 mm		2	F058 139 737
Height adjustment (HV) via slot		3	F058 139 738
	<u>0</u> 5	3.5	F058 139 739

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

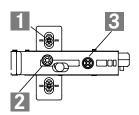
With pre-assembled pan head Euro screws (10	0.5 mm)	37/32	Height	Artno.
			-2	F058 139 857
Steel, nickel-plated Fixing with pre-assembled		37 26 7.5	0	F058139858
pan head Euro screws Ø 6.3 x 10.5 mm		727	2	F058 139 859
Height adjustment (HV) via slot For twin application			3	F058139860
	-	Ø 5	3.5	F058139861

ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled wood screws (17 mm)		37/32	Height	Artno.
	6 h	. 37 . 26 14 .	0	F058 139 973
Steel, nickel-plated Fixing with pre-assembled			2	F058 139 974
wood screws Ø 4.5 x 17 mm • Height adjustment (HV) via slot		100	3*	F058 139 975
			3.5*	F058 139 976

^{*} Available on request

TIOMOSMounting plates









(HV) Height adjustment +/-2.5 mm

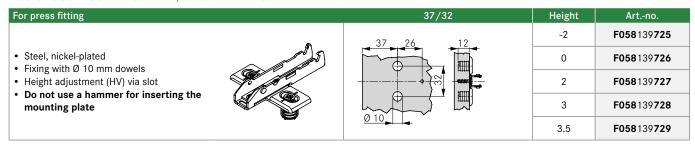
(SV) Side adjustment +/-2 mm

(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



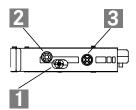
ECO CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled pan head Euro screws (1	3.5 mm)	28/32	Height	Artno.
		00 05 10	-2	F058 139 785
Steel, nickel-plated	5)	28 35	0	F058139786
• Fixing with pre-assembled pan head Euro screws Ø 6.3 x 13.5 mm		32	2	F058139787
Height adjustment (HV) via slot		Y [100]	3	F058139788
		Ø 5 1	3.5	F058 139 789

QUICK ECO CROSS MOUNTING PLATE, 3-POINT FIXING

Mounting plate (expansion dowel 11 mm)		37/32	Height	Artno.
	S	37 26	0	F058 139 741
Steel, nickel-plated Fixing with Ø 5 mm dowels Height adjustment (HV) via slot	5		2	F058 139 742
Do not use a hammer for inserting the mounting plate!			3	F058 139 743
		<u>Ø5</u>	3.5	F058 139 744

Twin mounting plate (expansion dowel 7.5 mm)	37/32	Height	Artno.
Steel, nickel-plated	37 26 75	0	F058 139 927
Fixing with Ø 5 mm dowels Height adjustment (HV) via slot	222	2	F058 139 928
 Suitable for twin application Do not use a hammer for inserting the 		3	F058 139 929
mounting plate!	<u>ø5</u>	3.5	F058 139 930









(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	Artno.	
			0	nickel	F059139701	
Steel, nickel-plated / night	HV) 20 32	Colland	0	night	F059139977	
Fixing with wood screws			2	nickel	F059139702	
Ø 3.5 x 15 mm or with Euro screws			20 37		night	F059139978
Ø 6.3 x 13.5 mm			3	nickel	F059139703	
With convenient height adjustment (HV)				3	night	F059139979
via worm gear			3.5	nickel	F059 139 704	

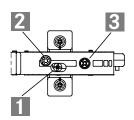
1D LINEAR MOUNTING PLATE, 2-POINT FIXING

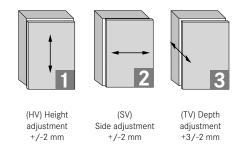
With pre-assembled Euro screws (13.5 mm)	20/32	Height	Artno.
Steel, nickel-plated	Colland	0	F059 139 711
Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm With appropriate bright adjustment	20, 32,	2	F059 139 712
With convenient height adjustment (HV) via worm gear Do not use a hammer for inserting	12	3	F059 139 713
the mounting plate		3.5	F059 139 714

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

Zum Einpressen	20/32	Height	Colour	Artno.
		0	nickel	F059 139 706
Steel, nickel-plated / night		0	night	F059139980
• Fixing with Ø 10 mm dowels		2	nickel	F059 139 707
With convenient height adjustment (HV)	20 32	2	night	F059149634
via worm gear		2	nickel	F059139708
Do not use a hammer for inserting the		3	night	F059149635
mounting plate		3.5	nickel	F059 139 709

TIOMOSMounting plates





All adjustments can be carried out independently of each other.

ORDER INFORMATION

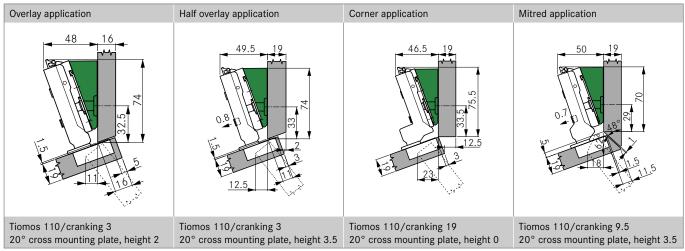
CROSS MOUNTING PLATE FOR 20° ANGLE, 2-POINT FIXING

For screw fixing	X/32	Height	Artno.
For 20° angle applications	, X	0	F058 139 902
Zamak/steel, nickel-plated Fixing with wood screws		2	F058 139 903
Ø 3.5 x 15 mm • With convenient height adjustment (HV)		3	F058 139 904
via worm gear		3.5	F058 139 905

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

With pre-assembled Euro screws (13.5 mm)	X/32	Height	Artno.
For 20° angle applications	X Sc.	0	F058 139 906
Zamak/steel, nickel-plated Fixing with pre-assembled		2	F058 139 907
Euro screws Ø 6.3 x 13.5 mm • With convenient height adjustment (HV)		3	F058 139 908
via worm gear	05	3.5	F058 139 909

APPLICATION EXAMPLES FOR 20° ANGLE FITTINGS









(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	Artno.
Zamak, nickel-plated For placing under cross mounting plates Up to triple stack (we recommend a trial fitting)	X X 25 25 25 25 25 25 25 25 25 25 25 25 25	F072 135 757

-5° WEDGE

For screw fixing	37/32	Artno.
Zamak, nickel-plated For placing under cross mounting plates Up to triple stack (we recommend a trial fitting)	X X X X X X X X X X X X X X X X X X X	F072 135 758

TIOMOS Accessories

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0.40.40.5.410	0	F072 135 500
	Hinge arm cover cap, steel, night, not imprinted	0/3/9.5/19 On request		F072 140 519
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0/3	On request	F072 135 504
	Hinge arm cover cap, left, steel, nickel-plated, GRASS imprint	0 /0 /0 5 / 10	OD A CO. I	F072 135 550
4 3 3 3	Hinge arm cover cap, right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo	F072 135 551
	Hinge arm cover cap, left/right, steel, nickel-plated, GRASS imprint	0/3/9.5/19	GRASS logo (mirrored)	F072 135 749
	Premium hinge arm cover cap with integrated clip protection, plastic, black, not imprinted	0/3/9.5/19	On request	F072 140 504
	Hinge cup cover cap, steel, nickel-plated, not imprinted		On request	F072 135 503
	Hinge cup cover cap, steel, night, not imprinted	_	On request	F072 140 520

OPENING ANGLE REDUCTION CLIPS

Designation	Artno.
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	F072 135 751
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	F072 135 753

SPACER RING

Designation	Height	Artno.
Permits the use of standard hinges for slim doors, simple installation, can be double-stacked, suitable for all Tiomos hinges	1.5	F072 135 885

FIXING SCREWS, DOWELS

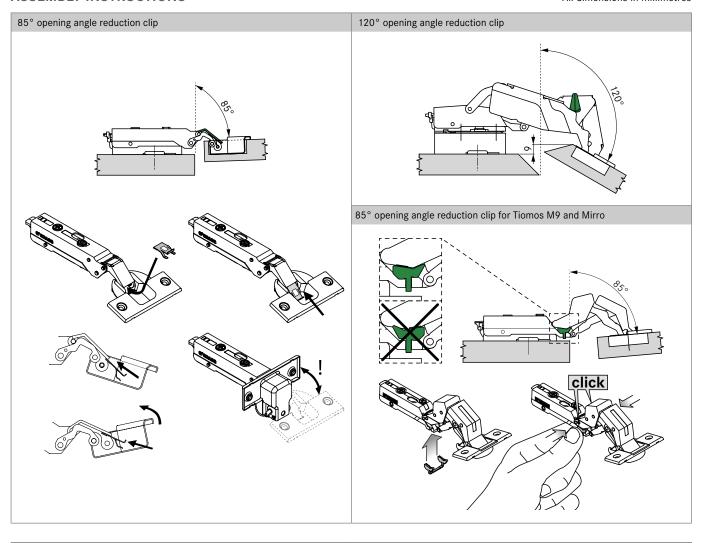
Designation			Artno.
Flat hand Fire across piakel plated (6.4.2 mm)	L = 10.5	.: 4MM - 0	F072 135 768
Flat head Euro screw, nickel-plated, Ø 6.3 mm	L = 13.5		F072 135 309
Countercunk Furn covery nickel plated (4.4.2 mm	L = 10	€ 444 − ∞	F072 135 779
Countersunk Euro screw, nickel-plated, Ø 6.3 mm	L = 13.5		F069 135 297
Countercunk wood coroug pickel plotted (8.2.5 mm	L = 11	3.5	F069 135 026
Countersunk wood screw, nickel-plated, Ø 3.5 mm			F146073 97 6
Countersunk wood screw, night, Ø 3.5 mm	L = 15	S	F072 135 961
Steel housing fixing screw for aluminium frame hinge, nickel-plated, M 3 x 6 mm	L = 6	6	F069 073 405
Dowel for hinge cup, plastic PA 6.6, L =13.2 mm	Ø = 8		F072 135 773
(not compatible with 160° wide-angle hinge)	Ø = 10	13.2	F072 135 798

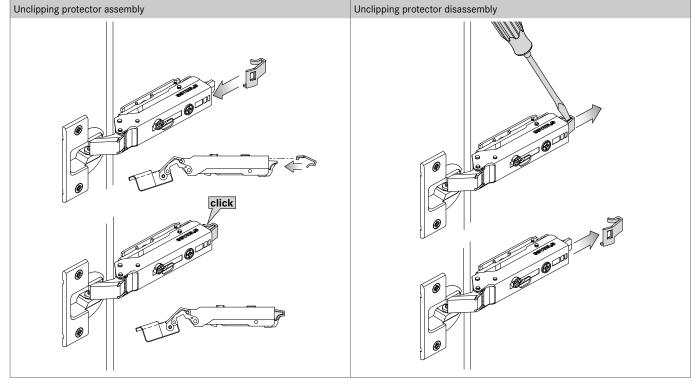
TIOMOS

Accessories

ASSEMBLY INSTRUCTIONS

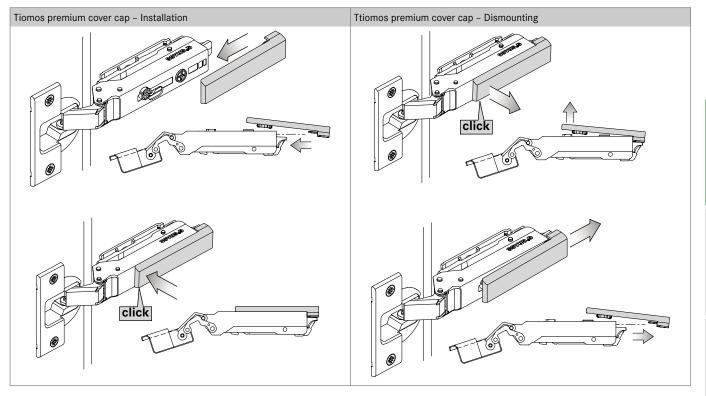
All dimensions in millimetres





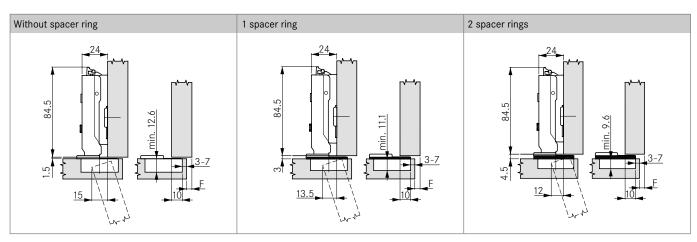
ASSEMBLY INSTRUCTIONS

All dimensions in millimetres



INSTALLATION INFORMATION

All dimensions in millimetres



NUMBER OF HINGES PER DOOR

Description

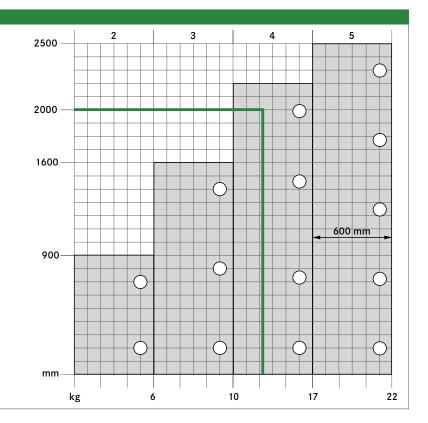
The number of hinges is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate.

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

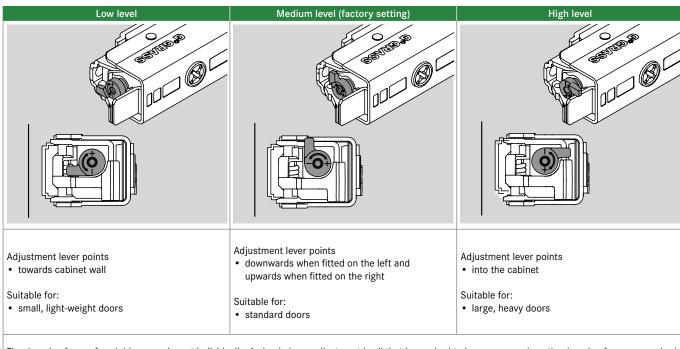
Example:

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

The table refers to hinges with and without integrated damper.



TOOL-FREE DAMPER ADJUSTMENT



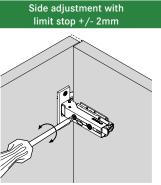
The damping force of each hinge can be set individually. A simple lever adjustment is all that is required to increase or reduce the damping force as required.

DOOR ADJUSTMENTS (APPLIES TO ALL TIOMOS HINGES)

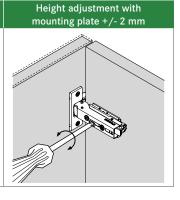
Description

The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.

When using a -2 mounting plate height, side adjustment is restricted.

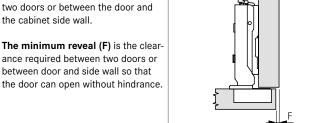


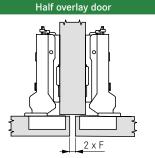




DOOR REVEAL AND MINIMUM REVEAL

Full overlay / overlay door 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







Cup distance

Minimum reveal table

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

For a 19 mm thick door and a cup distance of 6 mm, the minimum reveal required is 0.9 mm.

Reveals were calculated for doors with a radius of 1 mm! We recommend a trial fitting.

		Cup distance					
		3	4	5	6	7	
	24	2.4	2.1	2.1	2.1	2.0	
	22	1.6	1.6	1.6	1.5	1.5	
	21	1.4	1.3	1.3	1.3	1.3	
		1.1	1.1	1.1	1.5	1.1	
	19	0.9	0.9	0.9	0.9	0.9	
		0.7	0.7	0.7	0.7	0.7	
SS		0.6	0.6	0.6	0.6	0.6	
Door unickness		0.6	0.6	0.6	0.6	0.6	
Ĕ							
200							
		Min	imun	n rev	eal (I	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:

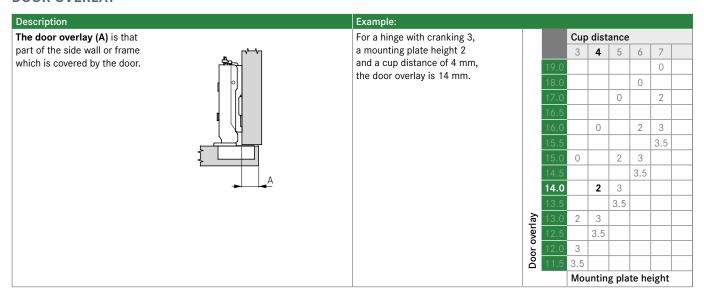
For a cup distance of 6 mm and a mounting plate height of 3 mm the reveal is 1 mm. This is also called a negative overlay.

Mounting plate height								
ĺ								
	4.0	3						
		2	3					
	2.0		2	3				
	1.5				3.5			
	1.0	0		2	3			
	0.5					3.5		
	0.0		0		2	3		
ı		3	4	5	6	7		

MINIMUM GAP

Description Example: The minimum gap is the For a 17 mm thick door and a cup Cup distance clearance required between distance of 6 mm, the minimum gap 6 the front edge of the cabinet is 1.0 mm. 2.1 1.0 1.0 1.0 1.2 and the closed door so that 1.0 1.0 1.0 1.0 the door can open without 1.0 1.0 1.0 1.0 1.2 hindrance. The factory setting of the 1.0 1.0 1.0 1.0 1.0 gap is 1.5 mm. 1.0 1.0 1.0 1.0 1.0 Door thickness 1.0 1.0 1.0 1.0 The cup distance (TA) is the 1.0 1.0 1.0 1.0 distance between the edge of TA 1.0 1.0 the door and the edge of the cup hole. Minimum gap

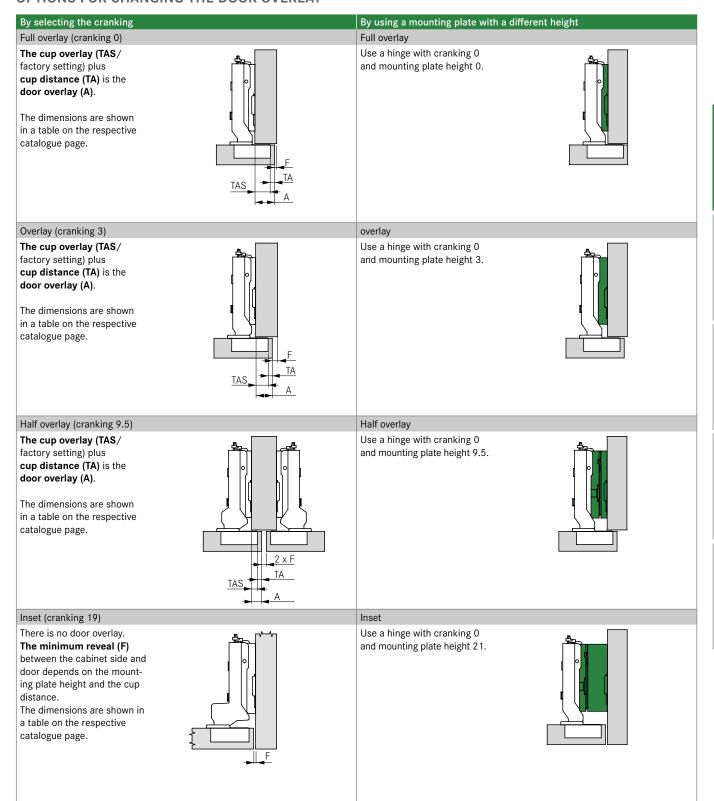
DOOR OVERLAY



DOOR PROTRUSION

Door protrusion (TES) occurs when the door is opened and varies depending on the type of hinge and method of application. 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.

OPTIONS FOR CHANGING THE DOOR OVERLAY



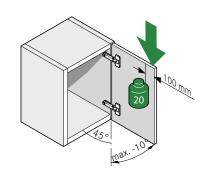
TEST CRITERIA FOR HINGES

Functional test

Static load - vertical Additional load: 20 kg

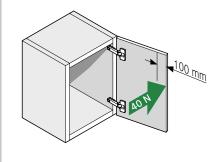
Opening angle: max. -10°

Number: 10



Static load - horizontal

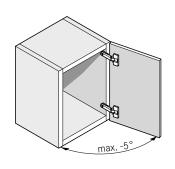
Force: 40 N Number: 10



Endurance test

Opening angle: max. -5 $^{\circ}$

Open and close movements: 100,000

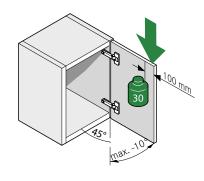


Overload testing

Vertical

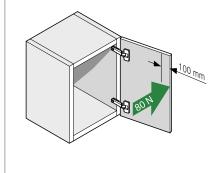
Additional load: 30 kg Opening angle: max. -10°

Number: 10



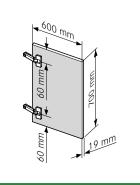
Horizontal

Force: 80 N Number: 10



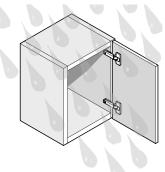
Test door

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2





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.

	NEXIS IMPRESSO Hinges for fast, tool-free installation. With Click-on technology – obviously.	103
	NEXIS CLICK-ON Quick-fit hinges with tool-free Click-on technology on the cabinet side.	145
C. C.	NEXIS SLIDE-ON Hinges with classic Slide-on technology. Reliability for long-term, everyday service.	207
	SOFT-CLOSE FOR NEXIS The unique hinge damping system. Gently slows down the movement and closes the furniture door softly and quietly. Convenient, quiet and can be retrofitted.	257
	TIPMATIC FOR NEXIS The opening system for handle-free furniture doors. Gently tapping the door is enough – it then opens as if by magic.	269





Functional hinges for fast, tool-free installation.



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.

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

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Tipmatic compatible	Page
100°	Impresso 04		•	•	•	•	•	106
110°	Impresso 22		-	-	-	•	•	108
125°	Impresso 29		•	•	-	•	•	110
170°	Impresso 65	Wide-angle hinge	-	-	-	-	•	112
95°	Impresso 05	Profiled door hinge	•	•	-	•	•	114
95°	Impresso 05/30/2	+30° angle corner cabinet hinge	-	-	-	•	-	116
95°	Impresso 05/45/3	+45° angle corner cabinet hinge	_	-	-	•	-	118
95°	Impresso 05/45/8	+45° angle corner cabinet hinge	-	•	-	•	-	120
125°	Impresso 29/-14	-14° angle corner cabinet hinge	_	•	-	-	-	122
125°	Impresso 29/-24	-24° angle corner cabinet hinge	-	•	-	-	-	124
125°	Impresso 29/-45	-45° angle corner cabinet hinge	_	-	-	-	-	126
95°	Impresso 05/90/4	Blind corner hinge	_	-	-		-	128

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

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

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
100°	Jan -	Nexis Impresso 04 Optimum reveals up to 24 mm door thickness Also suitable for soft-formed doors Soft-close compatible				106
110°	4	Nexis Impresso 22 11.5 mm cup depth Also suitable for soft-formed doors Soft-close compatible			-	108
125°	4	Nexis Impresso 29 Convenient access to unit Soft-close compatible			-	110
170°		Nexis Impresso 65 • Also suitable for soft-formed doors • Zero protrusion • Soft-close compatible			-	112
95°		Nexis Impresso 05 • Suitable for thick doors or profiled doors • Optimum reveals up to 30 mm door thickness • Soft-close compatible				114
95°	do po	Nexis Impresso 05/30/2 • For 30° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	116
95°		Nexis Impresso 05/45/3 • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		118
95°		Nexis Impresso 05/45/8 • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	120
125°	ger-	Nexis Impresso 29/-14 • For -14° corner and special applications • Ideal in kitchens and bathrooms • Soft-close compatible	_		_	122
125°		Nexis Impresso 29/-24 • For -24° angled cabinets • Ideal in kitchens and bathrooms	-		-	124
125°	H	Nexis Impresso 29/-45 • For -45° angled cabinets • Ideal in kitchens and bathrooms	-		-	126
95°		Nexis Impresso 05/90/4 • For protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		128

Nexis Impresso mounting plates	130
Accessories • Hinge arm cover caps • Opening angle reduction clips	138
Technical information	140
Soft-close damping system	257
Tipmatic	269

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			with	Artno.	
		Cup	Arm	Cranking	spring	Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0		F014 072 504	
	Zamak	Zamak,	nak, Steel,		•	F014072567	
Half overlay		nickel-plated	nickel-plated	8	-	F014072506	
la de la constanta de la const	Zamak.	Zamak,	Steel, nickel-plated	15	-	F014072507	
Inset		nickel-plated			-	F014072508	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

ACCESSORIES

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Tipmatic Plus Impresso set	F069 135 014

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069 073 728

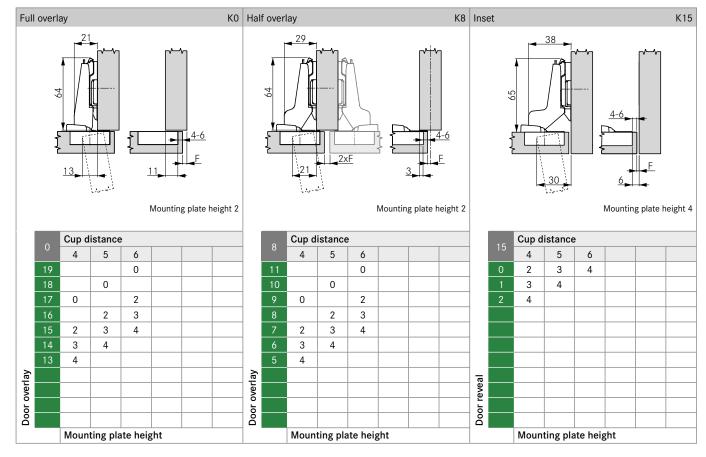
Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance	·		
		4	5	6		
	16	0.7	0.7	0.7		
	18	0.7	0.7	0.7		
	19	0.7	0.7	0.7		
	20	0.7	0.7	0.7		
SS	22	0.7	0.7	0.8		
cue	24	0.7	0.7	1.1		
hick						
Door thickness						
å						
		Minim	um ga	р		

MINIMUM REVEAL

		Cup d	istance	е			
		4	5	6			
	16	0.6	0.6	0.6			
	18	0.9	0.9	0.9			
	19	1.1	1.1	1.1			
	20	1.4	1.4	1.4			
SS	22	1.9	1.9	1.9			
ü	24	2.5	2.5	2.5			
Fi							
Door thickness							
۱Š							
Minimum reveal (F)							

NOTES

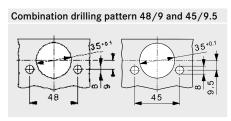
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

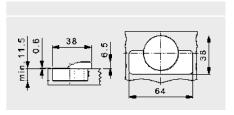
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



CUP DIMENSIONS



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			with	Artno.	
		Cup	Arm	Cranking	spring	Impresso without tools	
Full overlay		Zamak,	Steel,	0	•	F014072 520	
ruii overiay	nickel-plated	nickel-plated		-	F014072521		
Half avariay		Zamak,	Steel,	0	•	F 014 072 522	
Half overlay		nickel-plated	nickel-plated 8	8	-	F014072 523	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069073669

ACCESSORIES

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Tipmatic Plus Impresso set	F069135014

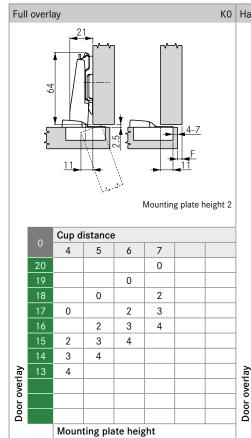
	Designation	Artno.
	Soft-close Impresso set	F069 073 728
C 12-JO	85° opening angle reduction clip plastic, black	F069 135 032

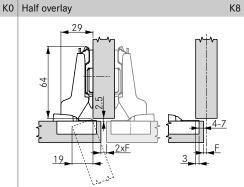
Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

All dimensions in millimetres





8	Cup distance						
	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 2

MINIMUM GAP

		Cup d	istance	•			
		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		
SS	22	2.4	3.4	4.4	5.4		
ü							
hick							
Door thickness							
ă							
Minimum gap							

MINIMUM REVEAL

Mounting plate height

		Cup d	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					
SS	22	3.7	2.8	2.1	2.1					
Door thickness										
hick										
or t										
ĕ										
Minimum reveal (F)										

NOTES

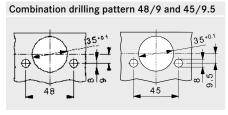
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

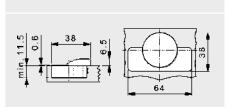
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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			with	Artno.	
		Cup	Arm	Cranking	spring	Impresso without tools	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0		F014 072 524	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	•	F 014 072 527	

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
(Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
(Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069 073 669

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Tipmatic Plus Impresso set	F069 135 014

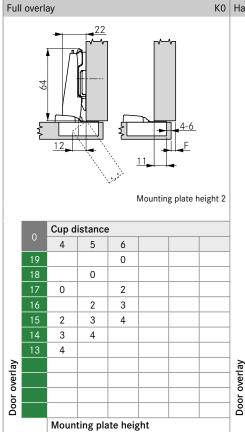
Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069 073 728

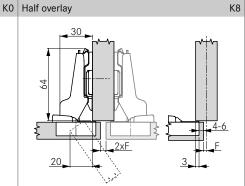
Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

All dimensions in millimetres





Mounting plate height 2

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

MINIMUM GAP

		Cup d	istance)			
		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			
SS							
cue							
hich							
Door thickness							
Š							
	Minimum gap						

MINIMUM REVEAL

		Cup d	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					
SS									
ü									
Pic 5									
Door thickness									
ă									
Minimum reveal (F)									

NOTES

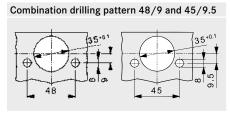
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

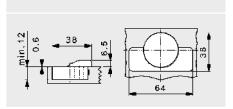
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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
- \bullet 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			with	Artno.				
		Cup	Arm	Cranking spring		Impresso without tools				
Full overlay		Zamak,	Zamak,	0	•	F014072530				
ruii overiay		nickel-plated	nickel-plated	ed	U	U	_	-	F014072531	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	•	F014072 532				

	Designation	Artno.
A O O	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	170° Tipmatic set	F069135019

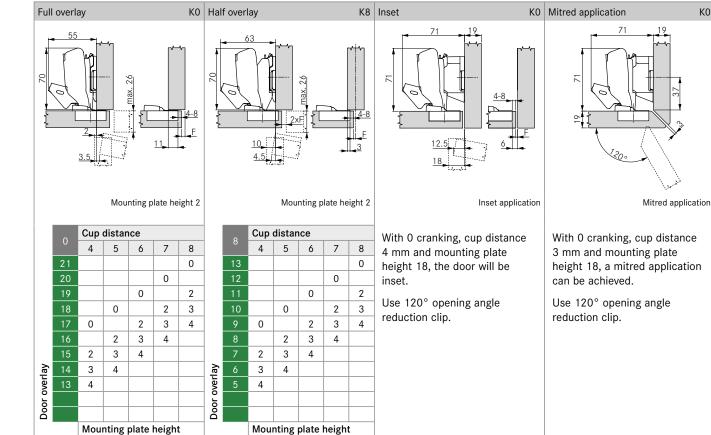
Designation	Artno.
170° Soft-close set	F069 073 729
120° opening angle reduction clip, plastic, black	F069 073 402

Nexis Impresso mounting plates	130
Accessories	138

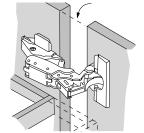
170° Soft-close	262
170° Tipmatic	274

Technical information	140
Assembly aids	332

All dimensions in millimetres



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

		Cup	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			
SS	22	0.7	0.7	0.7	0.7			
cue	23	0.7	0.7	0.7	0.7			
Door thickness	24	0.7	0.7	0.7	0.7			
ort	25	0.7	0.7	0.7	0.7			
å	26	0.7	0.7	0.7	0.7			
	Minimum gap							

MINIMUM REVEAL

		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
SS	22	0.0	0.0	0.0	0.0	0.0
ü	23	0.0	0.0	0.0	0.0	0.0
Door thickness	24	0.7	0.7	0.7	1.8	2.0
ort	25	6.5	6.0	5.5	4.8	4.0
å	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.

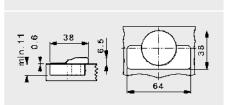
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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			with	Artno.	
		Cup	Arm	Cranking	spring	Impresso without tools	
Full overlay		Zamak,	Steel,	0	•	F014072 509	
ruii overiay		nickel-plated	nickel-plated	U	-	F014072510	
Half overlay		Zamak, nickel-plated	Steel, nickel-plated	8	•	F014072514	
Inact		Zamak,	Steel,	15	•	F014072517	
Inset	nickel-plated	nickel-plated	15	-	F014072518		

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
X00	Tipmatic Pin for wooden and aluminium frame doors	F069 135 396
	Tipmatic Plus Impresso set	F069 135 014

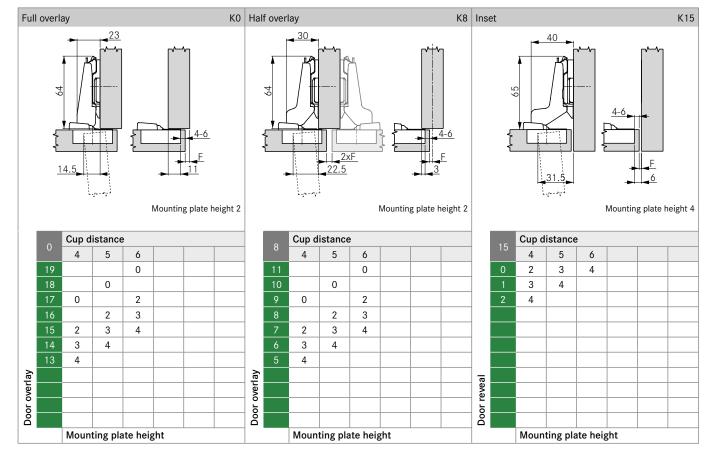
Designation	Artno.
Soft-close Pin	F069 066 528
Soft-close Impresso set	F069 073 728

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Tipmatic Plus Impresso set	270

Technical information	140
Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance)		
		4	5	6		
	16	0.7	0.7	0.7		
	18	0.7	0.7	0.7		
	19	0.7	0.7	0.7		
	20	0.7	0.7	0.7		
SS	22	0.7	0.7	0.7		
Door thickness	24	0.7	0.7	0.7		
hick	26	0.7	0.7	0.7		
ort	28	0.7	0.7	0.7		
å	30	0.7	0.7	1.1		
		Minim	ium ga	р		

MINIMUM REVEAL

			Cup d	istance	е		
			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		
	SS	22	0.7	0.7	0.7		
	Door thickness	24	1.0	1.0	1.0		
	hic	26	1.4	1.4	1.4		
	ort	28	1.9	1.9	1.9		
	ě	30	2.9	2.6	2.5		
			Minim	num re	veal (F)		

NOTES

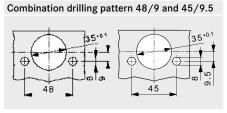
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

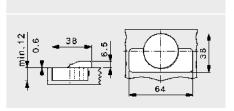
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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	Artno.		
		Cup	Arm		spring	Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		•	F014072511	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069073 728

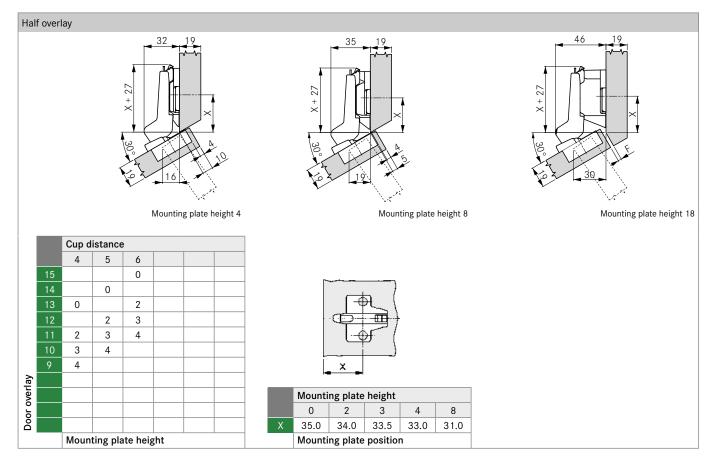
	Designation	Artno.

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance	· · · · · · · ·		
		4	5	6		
	16	0.7	0.7	0.7		
	18	0.7	0.7	0.7		
	19	0.7	0.7	0.7		
	20	0.7	0.7	0.7		
SS	22	0.7	0.7	0.7		
Door thickness	24	0.7	0.7	0.7		
hick	26	0.7	0.7	0.7		
ort	28	0.7	0.7	0.7		
å	30	0.7	0.7	1.1		
		Minim	um ga	р		

MINIMUM REVEAL

		Cup d	istance	Э			
		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			
SS	22	0.7	0.7	0.7			
Door thickness	24	1.0	1.0	1.0			
hick	26	1.4	1.4	1.4			
or t	28	1.9	1.9	1.9			
ě	30	2.9	2.6	2.5			
Minimum reveal (F)							

NOTES

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

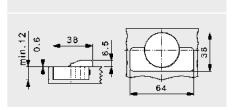
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



NEXIS IMPRESSO 05/45/3 +45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- $\bullet\,$ 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		Mat	Material		with	Artno.	
		Cup	Arm	spring	Impresso without tools		
Inset		Zamak, nickel-plated	Zamak, nickel-plated			F014072512	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069073 728

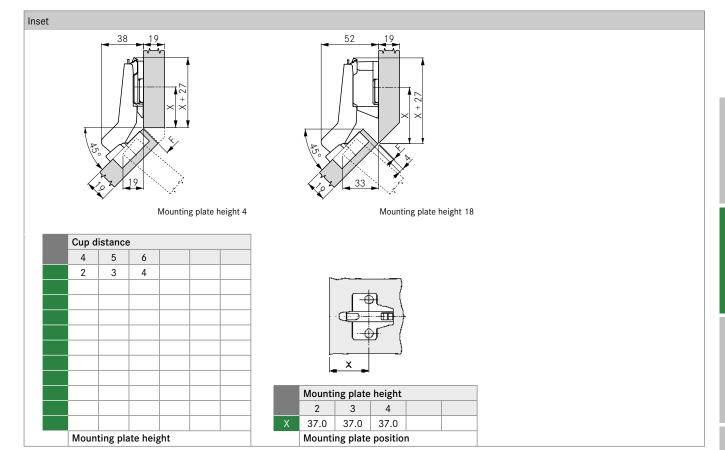
	Designation	Artno.
r		

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	istance)		
		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		
SS	22	0.7	0.7	0.7		
cue	24	1.0	1.0	1.0		
hick	26	1.4	1.4	1.4		
Door thickness	28	1.9	1.9	1.9		
õ	30	2.9	2.6	2.5		
Minimum reveal (F)						

NOTES

Important: The reveal width was calculated for doors with a radius of

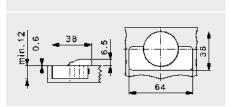
Hinge dimensions and reveal calculation

with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



NEXIS IMPRESSO 05/45/8 +45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- $\bullet\,$ 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	Artno.	
		Cup	Arm	spring	Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	•	F014072515	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069073 728

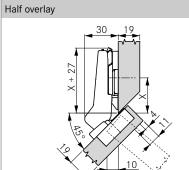
Designation	Artno.

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

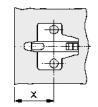
Assembly aids	332

All dimensions in millimetres



Mounting plate height 4

		Cup distance					
		4	5	6			
	19.5			0			
	18.8		0				
	18.0	0		2			
	17.3		2	3			
	16.5	2	3	4			
×.	15.8	3	4				
ma	15.0	4					
lay							
Ver							
Door overlay max.							
õ							
	Mounting plate height						



	Mounting plate height					
	0	2	3	4		
Χ	35.0	33.0	32.0	31.0		
Mounting plate position						

MINIMUM GAP

		Cup d	istance	•		
		4	5	6		
	16	0.7	0.7	0.7		
	18	0.7	0.7	0.7		
	19	0.7	0.7	0.7		
	20	0.7	0.7	0.7		
SS	22	0.7	0.7	0.7		
Door thickness	24	0.7	0.7	0.7		
hick	26	0.7	0.7	0.7		
ort	28	0.7	0.7	0.7		
å	30	0.7	0.7	1.1		
		Minim	ium gaj	0		

MINIMUM REVEAL

		Cup d	istance	е			
		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			
SS	22	0.7	0.7	0.7			
çue	24	1.0	1.0	1.0			
Door thickness	26	1.4	1.4	1.4			
ort	28	1.9	1.9	1.9			
å	30	2.9	2.6	2.5			
	Minimum reveal (F)						

NOTES

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

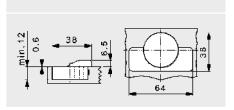
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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		Mat	erial	with Artno.	-no.	
		Cup	Arm	spring	Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		F014072 528	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, plastic, black, Soft-close compatible	On request	F069 073 534

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069 073 728

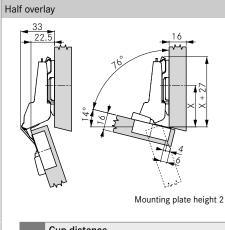
Designation	Artno.

Nexis Impresso mounting plates	130
Accessories	138

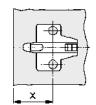
Soft-close Impresso	258
Technical information	140

Assembly aids	332

All dimensions in millimetres



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



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

MINIMUM GAP

		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		
SS						
cue						
hick						
Door thickness						
ă						
	Minimum gap					

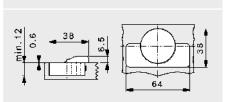
NOTES

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.

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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	Artno.		
		Cup	Arm		spring	Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		•	F 014 072 526	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069 066 528

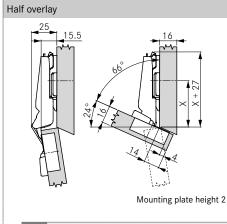
Designation	Artno.

Nexis Impresso mounting plates	130
Accessories	138

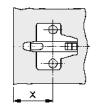
Soft-close Pin	266
Technical information	140

Assembly aids	332

All dimensions in millimetres



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



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

MINIMUM GAP

		Cup d	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			
SS							
cne							
hick							
Door thickness							
ĕ							
		Minim	um ga)			

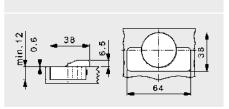
NOTES

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

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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		Mat	Material		with	Artno.	
		Cup	Arm		spring	Impresso without tools	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated		•	F014072529	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069066528

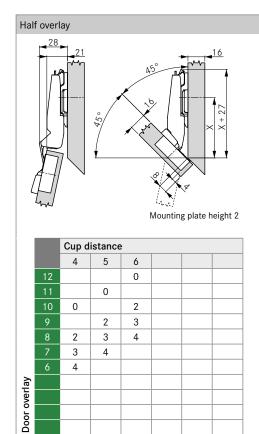
Designation	Artno.

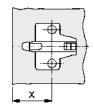
Nexis Impresso mounting plates	130
Accessories	138

Soft-close Pin	266
Technical information	140

Assembly aids	332

All dimensions in millimetres





	Mounti	Mounting plate height								
	0	0 2 3 4								
Χ	55.0 57.0 58.0 59.0									
Mounting plate position										

MINIMUM GAP

		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					
SS									
cne									
hick									
Door thickness									
õ									
	Minimum gap								

Mounting plate height

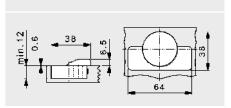
NOTES

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

We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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	Artno.	
		Cup	Arm	spring	Impresso without tools	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	•	F014072519	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

Designation	Artno.
Soft-close Pin	F069066528
Soft-close Impresso set	F069 073 728

	Designation	Artno.

Nexis Impresso mounting plates	130
Accessories	138

Soft-close Impresso	258
Technical information	140

Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	istance	е		
		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		
SS	22	0.7	0.7	0.7		
Door thickness	24	1.0	1.0	1.0		
hicl	26	1.4	1.4	1.4		
or t	28	1.9	1.9	1.9		
õ	30	2.9	2.6	2.5		
Minimum reveal ()	

NOTES

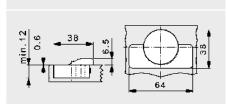
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

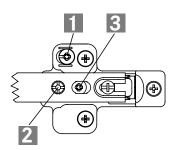
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



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.

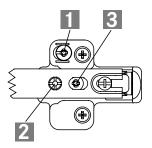
ORDER INFORMATION

2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Artno.
		0	F061073214
Steel/Zamak, nickel-plated Fixing with wood screws	37 36 12	2	F061073215
 Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm Height and depth adjustment via a cam 	03.5	4	F061073216
	*	6	F061073217
		8	F061073218

2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with are ecceptled.	37 36 12 0 3.5	0	F061073232
Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm	8	2	F061073233
Height and depth adjustment via a cam	05 10 10 0 6.3 x 13.5	4	F061073234









Height adjustment +/-2 mm

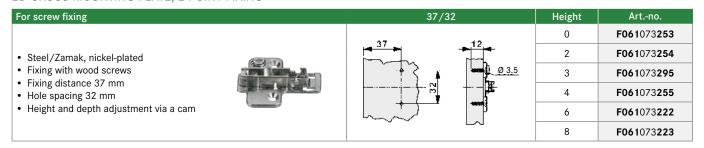
Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

2D CROSS MOUNTING PLATE, 2-POINT FIXING



2D CROSS MOUNTING PLATE, 2-POINT FIXING

For Euro screws	37/32	Height	Artno.
	37	0	F061073227
Steel/Zamak, nickel-plated Fixing with Euro screws		2	F061073228
Fixing distance 37 mm		4	F061073229
 Hole spacing 32 mm Height and depth adjustment via a cam		6	F061073230
	05/~	8	F061073231

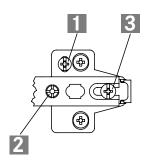
2D CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws		37/32	Height	Artno.
		37	0	F061073236
Steel/Zamak, nickel-plated The steel is a second			2	F061073237
Fixing with pre-assembled Euro screws	(ASIGN)	25	3	F061073294
Fixing distance 37 mm	d -		4	F061073238
Hole spacing 32 mm Height and depth adjustment via a cam		05/10	6	F061073239
		Ø 6.3 x 13.5	8	F061073240

2D CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting		37/32	Height	Artno.
Steel/Zamak, nickel-plated	(E)	37	0	F061073248
Fixing with 10 mm dowels Fixing distance 37 mm Hole spacing 32 mm	(5)		2	F061073 249
Height and depth adjustment via a cam			4	F061073250

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		Artno.
	37	0	F060073148
Steel/Zamak, nickel-plated	3 3.5	2	F060073150
Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm		4	F060073151
		8	F060073152
		18	F060073153

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

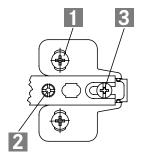
For Euro screws		37/32	Height	Artno.
		37 ▶	0	F060073156
Steel/Zamak, nickel-plated		3 0 3.5	2	F060073157
Fixing with Euro screwsFixing distance 37 mm			4	F060073158
Hole spacing 32 mm			8	F060073159
		5	18	F060073160

SPACER PLATE, HEIGHT 3

For Euro screws	37/32	Height	Artno.
 Plastic, black Can be stacked For 2-part steel/Zamak plates 	Ø 6.3 x 16	3	F069 073 764

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
	37 ▶	0	F060 073 171
Steel/Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm	3 0 3.5	2	F060 073 172
		4	F060 073 173
		8	F060 073 174
	5 9.5 0 6.3 x 13.5	18	F060 073 175









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	37/3	2	Height	Artno.
	37	<u>→ 12</u>	0	F060073144
Steel, nickel-plated Fixing with wood screws		Ø 3.5	2	F060073145
Fixing distance 37 mmHole spacing 32 mmHeight adjustment via slot	32		3	F060073209
			4	F060073146

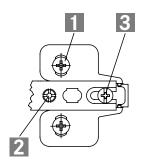
1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
Steel, nickel-plated	37 ►	0	F060 073 179
Fixing with pre-assembled 13.5 mm long Euro screws		2	F060 073 180
Fixing distance 37 mm Hole spacing 32 mm		3	F060073211
Height adjustment via slot	5 10 Ø 6.3 x 13.5	4	F060073181

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

With pre-assembled Euro screws	37/32	Height	Artno.
Steel, nickel-plated Fixing with pre-assembled 10.5 mm long	37	0	F060073201
Euro screws Fixing distance 37 mm Hole spacing 32 mm		2	F060073202
Height adjustment via slot For twin application	7 Ø 6.3 x 10.5	4	F060 073 203

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

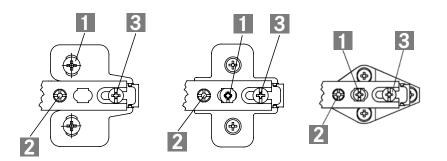
With expansion dowel	With expansion dowel 37/32		Height	Artno.
 Steel, nickel-plated Fixing with 5 mm expansion dowels Fixing distance 37 mm Hole spacing 32 mm 		37 → 2.6 ₁	0	F060 073 185
	Ø 4	2	F060073186	
Height adjustment via slot	Plate must not be fixed with a cordless screwdriver.	5 8	4	F060 073 187

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Artno.
Steel, nickel-plated	37	0	F060 073 188
 Fixing with 10 mm dowels Fixing distance 37 mm Hole spacing 32 mm 		2	F060073191
Height adjustment via slot	10 10	4	F060 073 190

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge		37/32	Height	Artno.
Steel, nickel-plated	٩	37	0	F060073182
Fixing with 5 mm expansion dowel bridge Fixing distance 37 mm Hole spacing 32 mm			2	F060 073 183
Height adjustment via slot		5 10	4	F060073184









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	Artno.
Steel, nickel-plated	28 0 3.5	0	F060073139
Fixing with wood screws Fixing distance 28 mm Hole spacing 32 mm	28	2	F060073140
Height adjustment via slot	+	4	F060073141

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

With pre-assembled Euro screws	28/32	Height	Artno.
Steel, nickel-plated Steel and the state of the	28	0	F060 073 162
 Fixing with pre-assembled Euro screws Fixing distance 28 mm Hole spacing 32 mm 		2	F060 073 163
Height adjustment via slot	5 10 Ø 6.3 x 13.5	4	F060 073 164

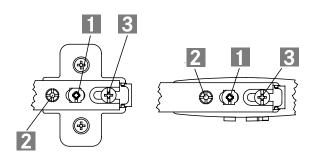
2-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

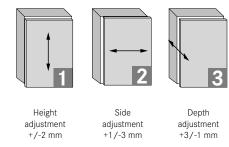
For Euro screws	28/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 29 mm	Fixing with Euro screws	2	F060073154
 Fixing distance 28 mm Hole spacing 32 mm Height adjustment 	5	4	F060073155

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

For Euro screws	37/25	Height	Artno.
 Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 25 mm Height adjustment 	37 5 9 Ø 6.3 x 13.5	2	F061 073 268

Mounting plates





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	Artno.
 For 20° opening angle Zamak, nickel-plated Fixing with pre-assembled 	X × × × × × × × × × × × × × × × × × × ×	2	F061073273
Euro screws • Hole spacing 32 mm • Height adjustment	5	4	F061073274

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

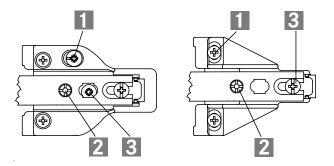
For Euro screws	X/:	32	Height	Artno.
For 45° opening angle Zamak, nickel-plated	X	\$ 6.3 × 13	2	F061 073 271
Fixing with Euro screws Hole spacing 32 mm Height adjustment	5	2	4	F061073272

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	13.5/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with wood screws Height adjustment via a cam	<u>Ø3.5</u>	0	F060 073 129
		2	F060 073 130
	13.5	3	F060073212
		4	F060 073 205

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For press fitting		13.5/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with 10 mm dowels Height adjustment via a cam	27	0	F060073136	
	13.5 32 _	2	F060 073 137	
	000	3	F060073210	
		4	F060073138	









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	Artno.
One I/7 and he is to be to de-	10	0	F061073283
Steel/Zamak, nickel-plated Fixing with pre-assembled wood screws Height and donth adjustment via a company of the plant of	<u>Ø 3.5</u>	2	F061073284
Height and depth adjustment via a cam	***************************************	4	F061073285

2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		10/32		Height	Artno.
		10 12	2	0	F061073279
Steel/Zamak, nickel-platedFixing with wood screwsHeight and depth adjustment via a cam	ria a cam	32	Ø 3.5	2	F061073280
			Ψ'	4	F061073281

SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing 10/36		10/36	Height	Artno.
 Zamak, nickel-plated Fixing with wood screws Height adjustment via slot		0 3.5	0	F061073275
	The state of the s		2	F061073276
		10 23.5	4	F061073277

2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Artno.
For inset doors For hinges, cranking size 8 Zamak, nickel-plated Fixing with wood screws Height adjustment	03.5 x 14, 10 32.5+	2	F061 073 278

Accessories

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	F069 073 548
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669
Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	F069 073 534

OPENING ANGLE REDUCTION CLIPS

	Designation		Artno.
(in the second	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		F069135 032
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black		F069073402

FIXING SCREWS

Designation			Artno.
Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5	© 1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	F146073979
	L = 13.5		F069 135 297
Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15	15	F146073 976

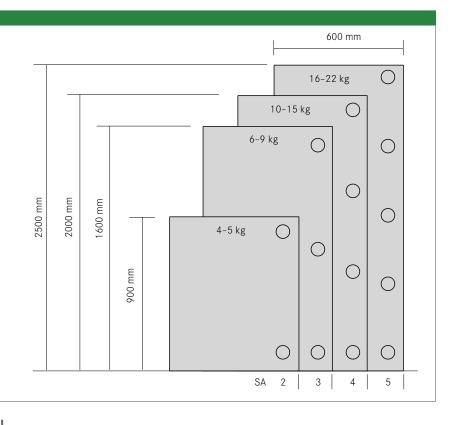
Technical information

NUMBER OF HINGES PER DOOR

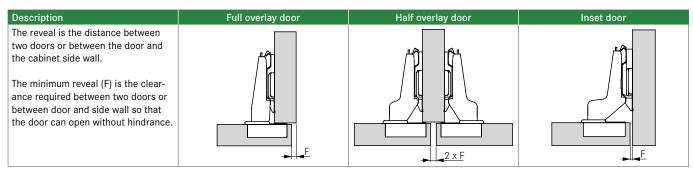
Description

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.

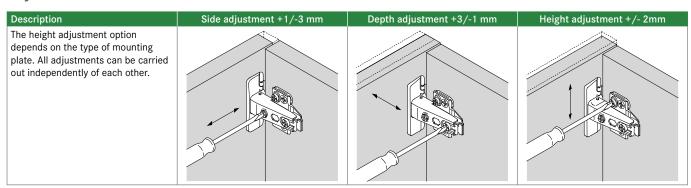


DOOR REVEAL AND MINIMUM REVEAL

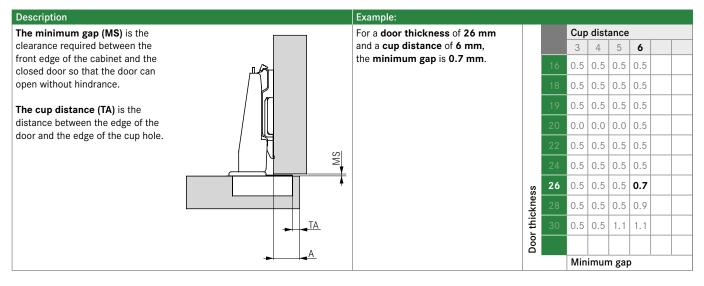


Minimum reveal table Achievable reveal with inset door Cup distance Cup distance The width of reveal required depends The table shows the achievable reveal 4 4 5 6 on the thickness of the door. width for inset doors, depending on the cup distance and mounting plate 0.1 0.1 0.1 0.1 2 3 4 Example: height. 0.2 0.2 0.2 0.2 2 3 For a 18 mm thick door and a cup distance of 6 mm the reveal Example: 0.3 0.3 0.3 0.3 3 4 required is 0.2 mm. For a cup distance of 4 mm and 0.4 0.4 0.4 0.4 a mounting plate height of 3 mm Important the reveal width is 1 mm. 0.7 0.7 0.7 0.7 The reveal width was calculated for doors with a radius of 1 mm! Hinge 1.0 1.0 1.0 1.0 Door thickness dimensions and reveal calculation 1.4 1.4 1.4 1.4 with factory setting. revea 1.9 1.9 1.9 1.9 We recommend a trial fitting. Door 3.8 2.9 2.6 2.5 Minimum reveal (F) Mounting plate height

ADJUSTMENTS



MINIMUM GAP - CUP DISTANCE

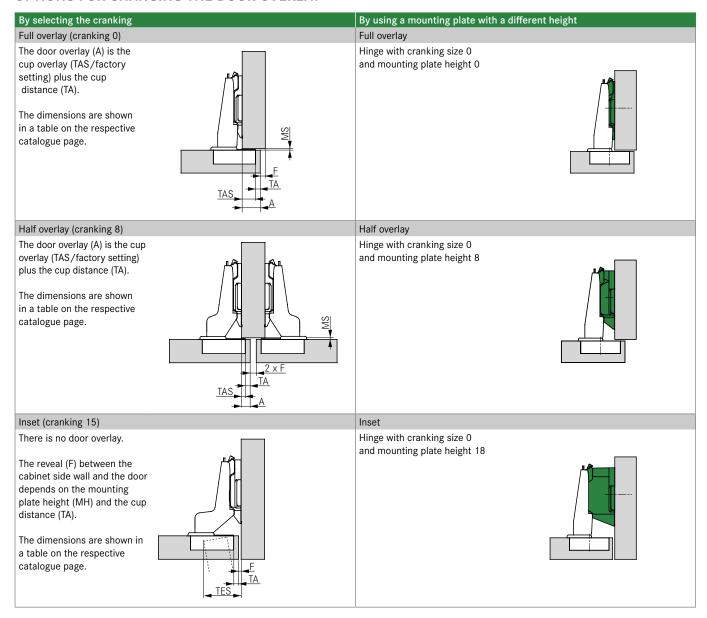


DOOR PROTRUSION / DOOR OVERLAY

DOOR PROTRUSION Door overlay Door protrusion (TES) occurs The door overlay (A) is that part Cup distance of the side wall or frame which is when the door is opened and varies 6 depending on the type of hinge and covered by the door. 0 method of application. Example: 10 0 With a hinge with cranking size 8, It is shown on each catalogue page 2 0 and refers to the factory setting with a mounting plate height of 0 the respective mounting plate shown. and a cup distance of 5 mm, 0 2 3 It can be altered by using a different the door overlay is 10 mm. 4 2 3 mounting plate height and by changing the side adjustment. 4 2 3 3 4 Door overlay 4 TES. Mounting plate height

Technical information

OPTIONS FOR CHANGING THE DOOR OVERLAY

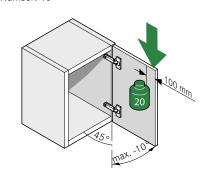


TEST CRITERIA FOR HINGES

Functional test Static load - vertical

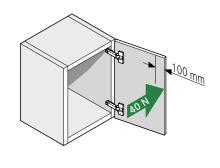
Additional load: 20 kg Opening angle: max. -10°

Number: 10



Static load – horizontal

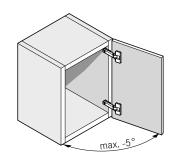
Force: 40 N Number: 10



Endurance test

Opening angle: max. -5°

Open and close movements: 100,000

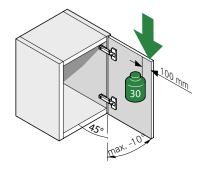


Overload testing

Vertical

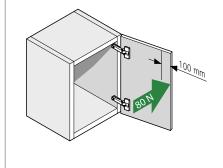
Additional load: 30 kg Opening angle: max. -10°

Number: 10



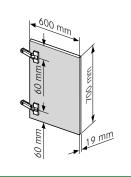
Horizontal

Force: 80 N Number: 10



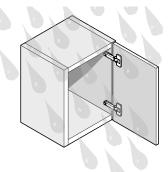
Test door

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2







NEXIS CLICK-ON

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



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.

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
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Technical information	202
Soft-close damping system	257
Tipmatic	269
Assembly aids	332

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°	Nexis Click-on 04 • Also suitable for soft-formed doors • Optimum reveals up to 24 mm door thickness • Soft-close compatible				148
110°	Nexis Click-on 22 • 11 mm cup depth • Also suitable for soft-formed doors • Soft-close compatible			-	150
125°	Nexis Click-on 29 Convenient access to unit Soft-close compatible			-	152
170°	Nexis Click-on 65 • Also suitable for soft-formed doors • Zero protrusion • Soft-close compatible			-	154
95°	Nexis Click-on 05 • Suitable for thick doors or profiled doors • Optimum reveals up to 30 mm door thickness • Soft-close compatible				156
95°	Nexis Click-on 25 • Cup diameter 40 mm • For profiled and frame doors up to 36 mm thickness • Minimum reveals with thick doors				158
95°	Nexis Click-on 05/20/6 • For 20° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	160
95°	Nexis Click-on 05/30/2 • For 30° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	162
95°	Nexis Click-on 05/30/16 • For 30° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		164
95°	Nexis Click-on 05/45/3 • For 45° corner and special applications • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		166
95°	Nexis Click-on 05/45/8 • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	168
125°	Nexis Click-on 29/-14 • For -14° angled cabinets • Ideal in kitchens and bathrooms • Soft-close compatible	-		-	170

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
125°		Nexis Click-on 29/-24 • For -24° corner and special applications • Ideal in kitchens and bathrooms	-		-	172
125°		Nexis Click-on 29/-45 • For -45° angled cabinets • Ideal in kitchens and bathrooms	-		-	174
95°		Nexis Click-on 05/90/4 • For protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		176
-		Nexis Click-on PCC • Pie-cut corner hinge for corner applications • For door thicknesses from 14 to 22 mm • For connecting two corner cabinet doors	-	-		178
95°		Nexis Click-on 17 • Cup diameter 26 mm, ideal for frame doors • Optimum reveals up to 19 mm • Soft-close compatible			-	180
95°		Nexis Click-on 17 AL • For aluminium frames up to 20 mm thickness • Hinge fits flush with the profile • Soft-close compatible				182
95°		Nexis Click-on 17 Flexible • For aluminium profiles with open system grooves • No milling of the profile required • Use cam for fixing				184
95°	gr-	Nexis Click-on 17 GL • For glass thicknesses from 4 to 6 mm • Cup diameter 26 mm • Ideal for display cabinets				186
128°		Nexis Click-on Mirro 07 • For mirror and glass door applications • Fix to the door with adhesive • Soft-close compatible				188
128°		Nexis Click-on Mirro 07 / -15 • For -15° mirror and glass door applications • Fix to the door with adhesive • Soft-close compatible	-			190
ATT OF						

Nexis Click-on mounting plates

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			with	Artno.		
		Cup	Arm	Cranking	spring	Click-on Screw fixing	Click-on Press fitting	
				-2		F015072 739	-	
Full overlay	/	Steel, nickel-plated	Steel, nickel-plated	0	•	F015072 722	F015072719	
		site: plates	,	0	-	F015 072 724	-	
		Steel,	Steel,	8	•	F015 072 729	F015 072 727	
Half overlay		nickel-plated	nickel-plated	0	-	F015 072 730	-	
Inset		Steel,	Steel,	15	•	F015 072 736	F015 072 732	
moet			nickel-plated	15	-	F015072 738	-	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
	Tipmatic Plus Click-on set	F069 073 752
A CO	Soft-close Click-on set	F069 073 714

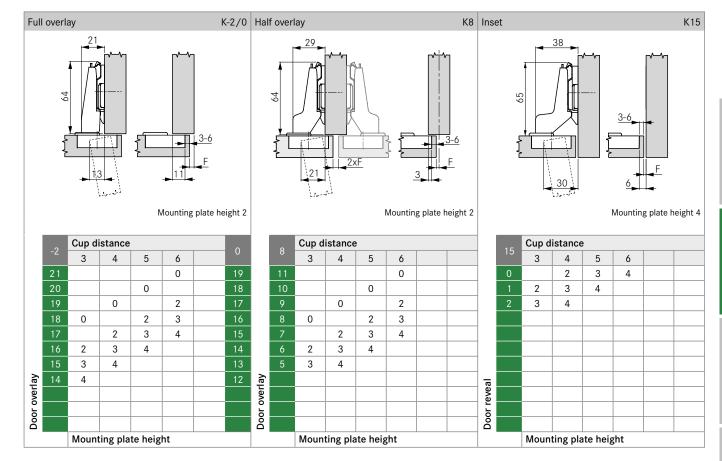
	Designation	Artno.
Ban	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

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

Technical information	202
Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance)			
		3	4	5	6		
	16	0.5	0.5	0.5	0.5		
	18	0.5	0.5	0.5	0.5		
	19	0.5	0.5	0.5	0.5		
	20	0.0	0.0	0.0	0.5		
SS	22	0.5	0.5	0.5	0.8		
- Çu	24	0.5	0.5	0.5	1.1		
hic							
Door thickness							
8							
	Minimum gap						

MINIMUM REVEAL

		Cup d	istance	Э		
		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	
SS	22	1.9	1.9	1.9	1.9	
ü	24	2.5	2.5	2.5	2.5	
ļģ						
Door thickness						
å						
		Minim	num re	veal (F)		

NOTES

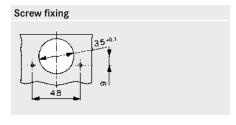
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

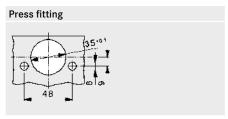
Important: Reveals were calculated for doors with a radius of 1 mm!

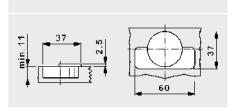
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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

			Material		with	Artno.	
Door overlay		Cup	Arm	Cranking	spring	Click-on Screw fixing	Click-on Press fitting
Full quarter	Steel, nickel-plated	Steel,		•	F015072811	F015072810	
Full overlay		nickel-plated	nickel-plated	0	-	F015072816	-
Half avantage	Steel, nickel-plated	Steel,	Steel,	0	•	F015072818	F015 072 817
Half overlay		nickel-plated	8	-	F015072819	-	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069073669

	Designation	Artno.
	Tipmatic Plus Click-on set	F069 073 752
Roll	Soft-close Click-on set	F069 073 714

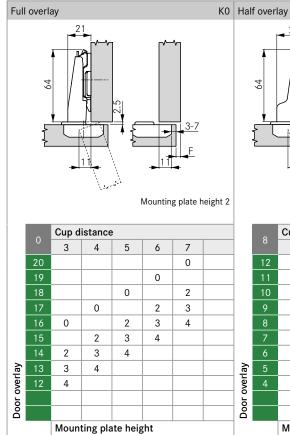
	Designation	Artno.
(app	85° opening angle reduction clip plastic, black	F069 135 032
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

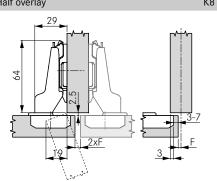
Nexis Click-on mounting plates	192
Accessories	200

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

Technical information	202
Assembly aids	332

All dimensions in millimetres





Mounting plate height 2

	8	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	5	3	4						
	4	4							
5									
Mounting plate height									

MINIMUM GAP

		Cup d	istance	·			
		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	
SS	22	1.4	2.4	3.4	4.4	5.4	
cue							
hich							
Door thickness							
ĕ							
Minimum gap							

MINIMUM REVEAL

		Cup d	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				
SS	22	4.7	3.7	2.8	2.1	2.1				
Door thickness										
hic										
ort										
Š										
		Minim	veal (F)							

NOTES

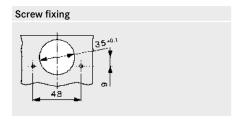
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

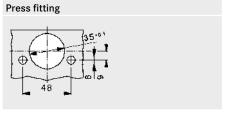
Important: Reveals were calculated for doors with a radius of 1 mm!

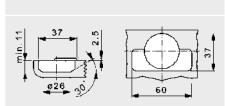
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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			with	Artno.	
		Cup	Arm	Cranking	spring	Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0		F015 072 827	F015072825
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	•	F015072832	-

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069073669

	Designation	Artno.
R.	Soft-close Click-on set	F069 073 714
Bana.	Countersunk wood screw Ø 3.5 x 15 mm	F146073976

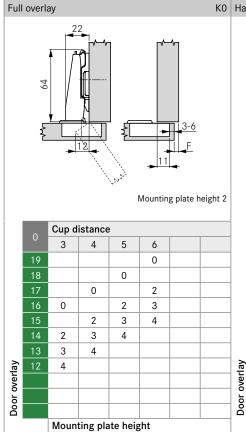
Designation	Artno.
Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

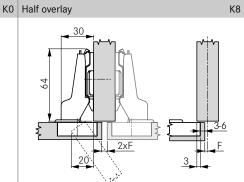
Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
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All dimensions in millimetres





Mounting	plate	height	2
----------	-------	--------	---

	Cup d	istance)		
	3	4	5	6	
9		0		2	
8	0		2	3	
7		2	3	4	
6	2	3	4		
5	3	4			
4	4				
	Moun	ting pla	te heig	ht	

MINIMUM GAP

		Cup d	istance	<u> </u>		
		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	
SS						
cue						
hick						
Door thickness						
ŏ						
		Minim	ium gaj	0		

MINIMUM REVEAL

		Cup d	istance	е			
		3	4	5	6		
	16	1.9	1.9	1.9	1.9		
	18	2.8	2.6	2.5	2.5		
	19	4.6	3.6	3.0	2.9		
	20	6.5	5.5	4.5	3.5		
SS							
ü							
jë							
Door thickness							
ŏ							
		Minim	num re	veal (F)	•	

NOTES

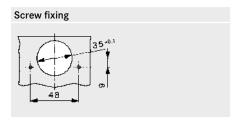
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

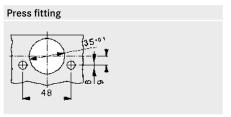
Important: Reveals were calculated for doors with a radius of 1 mm!

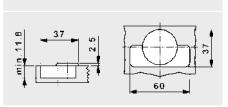
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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
- \bullet 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

		Material			with	Art.	-no.			
Door overlay		Cup	Arm	Cranking	spring	Click-on Screw fixing	Click-on Press fitting			
Full overlay		Zamak,	Zamak,	0	•	F015 072 842	F015072840			
ruii overiay		nickel-plated	nickel-plated	ed	U	O	-	-	F015072843	-
Half avariay		Zamak,	Zamak,	0	•	F015072845	F015072844			
Half overlay		nickel-plated	nickel-plated	′ 8 -	-	F015072846	-			

	Designation	Artno.
	170° Tipmatic Plus set	F069135019
	170° Soft-close	F069073 729

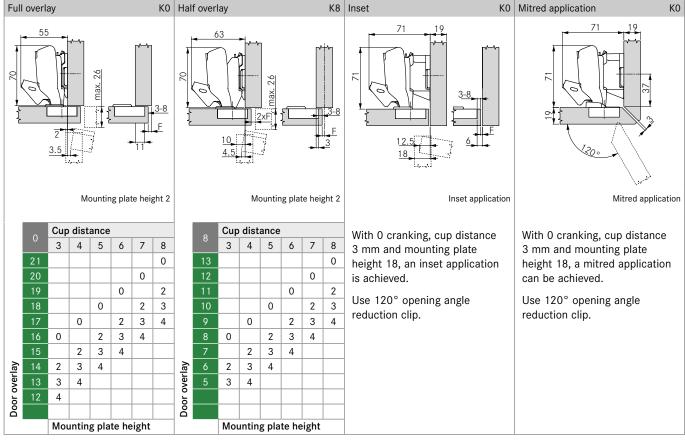
	Designation	Artno.
	120° opening angle reduction clip, plastic, black	F069 073 402
Boogs	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

Nexis Click-on mounting plates	192
Accessories	200

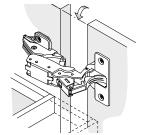
Soft-close Click-on	260
Tipmatic Plus Click-on	272

Technical information	202
Assembly aids	332

All dimensions in millimetres



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

		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
SS	22	0.0	0.0	0.0	0.0	0.0	0.0
ç	23	0.0	0.0	0.0	0.0	0.0	0.0
hicl	24	0.0	0.0	0.0	0.0	0.0	0.0
Door thickness	25	0.0	0.0	0.0	0.0	0.0	0.0
۵	26	0.0	0.0	0.0	0.0	0.0	0.0
Minimum gap							

MINIMUM REVEAL

		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
SS	22	0.0	0.0	0.0	0.0	0.0	0.0
ne.	23	0.0	0.0	0.0	0.0	0.0	0.0
Door thickness	24	0.0	0.0	0.0	0.5	1.8	2.0
or t	25	6.5	6.5	6.0	5.5	4.8	4.0
ŏ	26	10.5	9.5	8.5	7.5	6.5	5.5
	Minimum reveal (F)						

NOTES

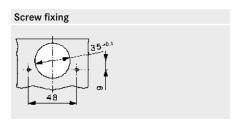
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

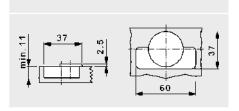
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



Press fitting



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



- $\bullet\,$ 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			with	Artno.	
		Cup	Arm	Cranking	spring	Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel,		0	•	F015 072 742	F015072741
Full overlay	nickel-p	nickel-plated			_	F015 072 743	-
Half overlay	Steel, nickel-plated	Steel,	Steel,	8	•	F015 072 760	-
		nickel-plated	0	-	F015 072 762	-	
Inset	Steel, nickel-plated	Steel,	Steel,	45	•	F015 072 768	F015 072 767
		nickel-plated 15	15	_	F015 072 770	-	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
	Tipmatic Plus Click-on set	F069 073 752
Roll	Soft-close Click-on set	F069 073 714

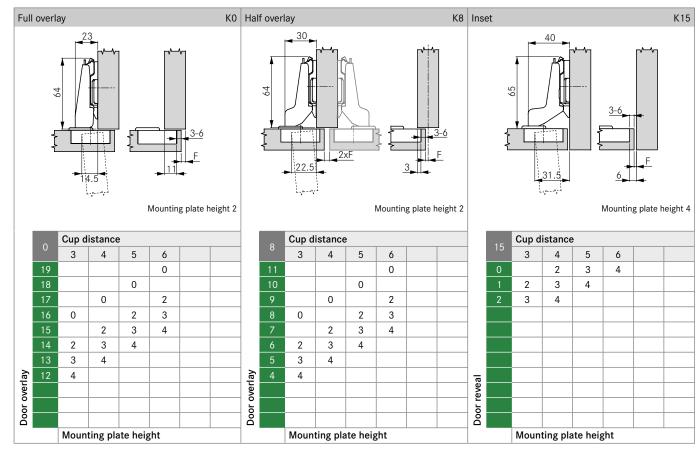
	Designation	Artno.
Ban	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

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

Technical information	202
Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	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					
SS	22	0.5	0.5	0.5	0.5					
cue	24	0.5	0.5	0.5	0.5					
hick	26	0.5	0.5	0.5	0.7					
Door thickness	28	0.5	0.5	0.5	0.9					
	30	0.5	0.5	1.1	1.1					
		Minim	ium gaj	0						

MINIMUM REVEAL

		Cup d	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				
SS	22	0.7	0.7	0.7	0.7				
ç	24	1.0	1.0	1.0	1.0				
hic	26	1.4	1.4	1.4	1.4				
Door thickness	28	1.9	1.9	1.9	1.9				
å	30	3.8	2.9	2.6	2.5				
Minimum reveal (F)									

NOTES

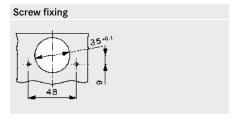
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

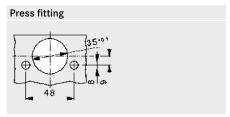
Important: Reveals were calculated for doors with a radius of 1 mm!

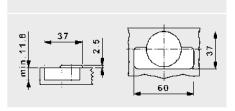
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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

	Material			with	Artno.	
Door overlay	Cup	Arm	Cranking	spring	Click-on Screw fixing	
Full overlay	Steel, nickel-plated	Zamak, nickel-plated	0		F015072820	
Half overlay	Steel, nickel-plated	Zamak, nickel-plated	8		F015072822	
Inset	Steel, nickel-plated	Zamak, nickel-plated	15	•	F015072823	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

		Designation	Artno.
۵		Soft-close Pin	F069066528
	Proposition of the second	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976

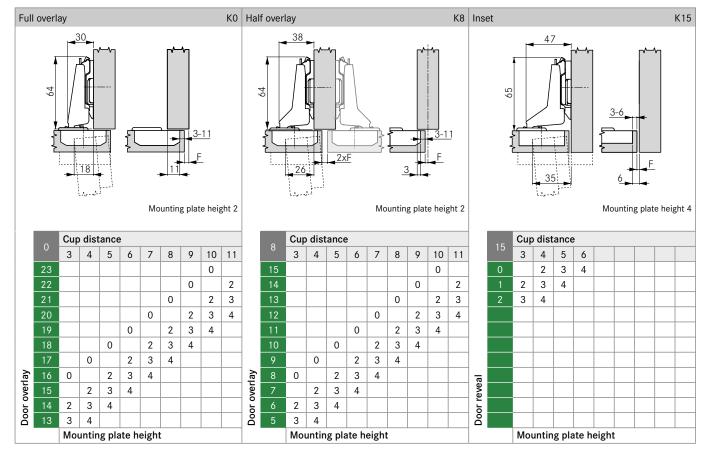
Designation	Artno.

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Pin	266
Technical information	202

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup	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				
SS	28	0.0	0.0	0.0	0.0	0.0	0.0				
ç	30	0.0	0.0	0.0	0.0	0.0	0.0				
hick	32	0.0	0.0	0.0	0.0	0.0	0.0				
Door thickness	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				
		Min	imur	n ga	р						

MINIMUM REVEAL

		Cup	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			
SS	28	0.6	0.6	0.6	0.6	0.6	0.6			
ü	30	0.8	0.8	0.8	0.8	0.8	0.8			
Door thickness	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			
۱ŏ	36	6.5	5.2	4.2	3.5	2.2	1.7			
	Minimum reveal (F)									

NOTES

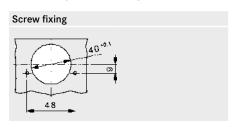
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

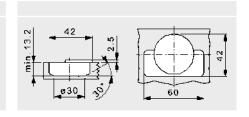
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS CLICK-ON 05/20/6 +20° angle corner hinge (Door thicknesses up to 30 mm)



- For 20° angled cabinets
- $\bullet\,$ 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		Mat	aterial with		Art.	-no.	
		Cup	Arm		spring	Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015072 754	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
A CO	Soft-close Click-on set	F069073 714

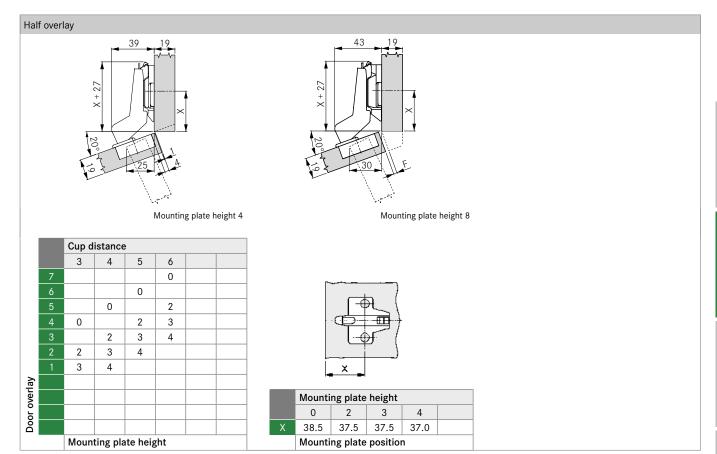
	Designation	Artno.
Boom	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance	•		
		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	
SS	22	0.5	0.5	0.5	0.5	
Door thickness	24	0.5	0.5	0.5	0.5	
hick	26	0.5	0.5	0.5	0.7	
ort	28	0.5	0.5	0.5	0.9	
å	30	0.5	0.5	1.1	1.1	
		Minim	ium gaj	0		

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			
SS	22	0.7	0.7	0.7	0.7			
Door thickness	24	1.0	1.0	1.0	1.0			
hick	26	1.4	1.4	1.4	1.4			
ort	28	1.9	1.9	1.9	1.9			
å	30	3.8	2.9	2.6	2.5			
	Minimum reveal (F)							

NOTES

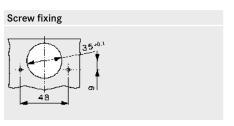
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

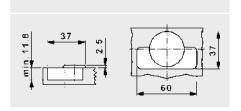
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS CLICK-ON 05/30/2 +30° angle corner hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- $\bullet\,$ 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		Mat	Material		with	Artno.	
		Cup	Arm		spring	Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015 072 747	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
	Soft-close Click-on set	F069073 714

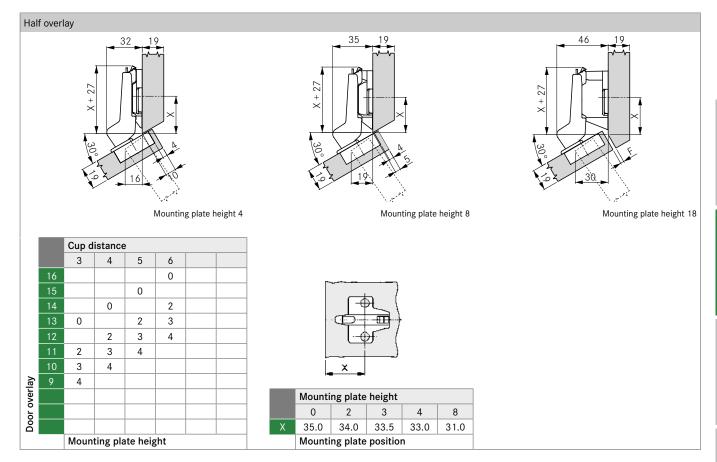
	Designation	Artno.
Etaga.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	Cup distance					
		3	4	5	6			
	16	0.5	0.5	0.5	0.5			
	18	0.5	0.5	0.5	0.5			
	19	0.5	0.5	0.5	0.5			
	20	0.0	0.0	0.0	0.5			
SS	22	0.5	0.5	0.5	0.5			
kne	24	0.5	0.5	0.5	0.5			
hicl	26	0.5	0.5	0.5	0.7			
Door thickness	28	0.5	0.5	0.5	0.9			
٥	30	0.5	0.5	1.1	1.1			
		Minim	ium gaj	0				

MINIMUM REVEAL

		Cup d	istance	е		
		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	
ness	22	0.7	0.7	0.7	0.7	
	24	1.0	1.0	1.0	1.0	
hic	26	1.4	1.4	1.4	1.4	
Door thickness	28	1.9	1.9	1.9	1.9	
	30	3.8	2.9	2.6	2.5	
		Minim	num re	veal (F)		

NOTES

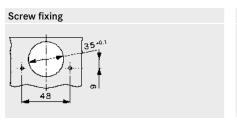
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

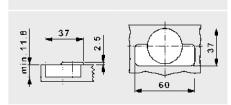
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS CLICK-ON 05/30/16 +30° angle corner hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- $\bullet\,$ 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	Artno.	
		Cup	Arm	spring	Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated	•	F015 072 771	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069 066 528
R.	Soft-close Click-on set	F069 073 714

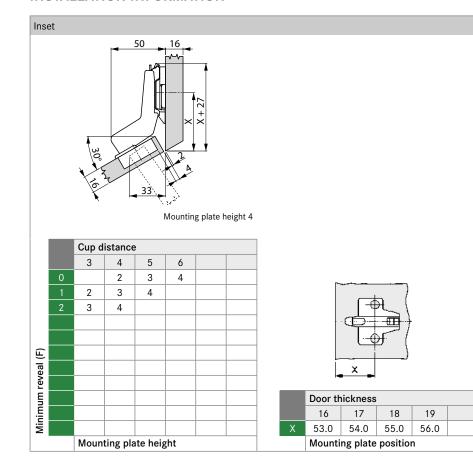
	Designation	Artno.
Bay.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	istance)		
		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	
SS	22	0.7	0.7	0.7	0.7	
cue	24	1.0	1.0	1.0	1.0	
hick	26	1.4	1.4	1.4	1.4	
Door thickness	28	1.9	1.9	1.9	1.9	
õ	30	3.8	2.9	2.6	2.5	
		Minim	um rev	eal (F)		

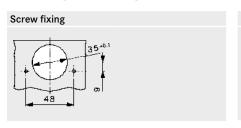
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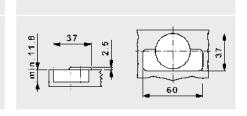
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS CLICK-ON 05/45/3 +45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- $\bullet\,$ 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		Artno.	
		Cup	Arm		spring	Click-on Screw fixing	
land		Steel,	Zamak,		•	F015072 751	
Inset		nickel-plated	nickel-plated		-	F015 072 752	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Tipmatic Plus Click-on set	F069 073 752
	Soft-close Click-on set	F069073 714

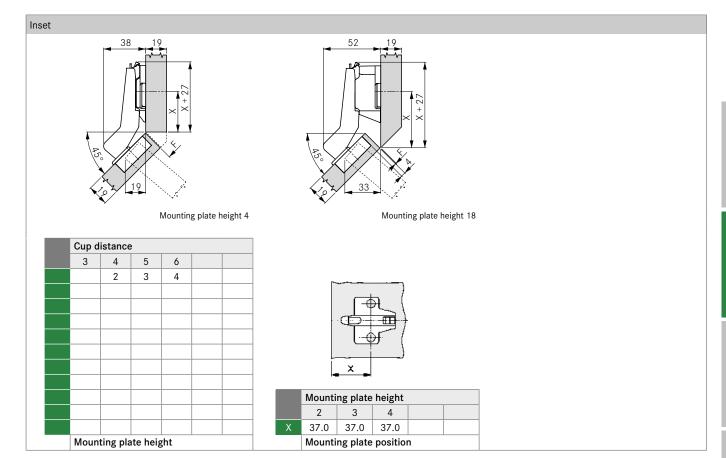
	Designation	Artno.
Elegan.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

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

Technical information	202
Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	istance)		
		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	
SS	22	0.7	0.7	0.7	0.7	
cue	24	1.0	1.0	1.0	1.0	
hick	26	1.4	1.4	1.4	1.4	
Door thickness	28	1.9	1.9	1.9	1.9	
õ	30	3.8	2.9	2.6	2.5	
		Minim	um rev	eal (F)		

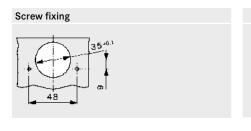
NOTES

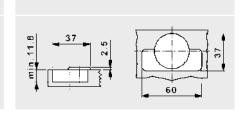
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







NEXIS CLICK-ON 05/45/8 +45° angle corner hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- $\bullet\,$ 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	Artno.		
		Cup	Arm		spring	Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015 072 757	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
	Soft-close Click-on set	F069073 714

	Designation	Artno.
Bana	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

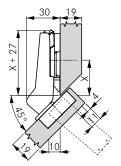
Nexis Click-on mounting plates	192
Accessories	200

Soft-close Click-on	260
Technical information	202

Assembly aids	332

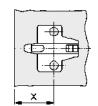
All dimensions in millimetres





Mounting plate height 4

		Cup distance					
		3	4	5	6		
	19.5				0		
	18.5			0			
	18.0		0		2		
	17.3	0		2	3		
	16.5		2	3	4		
×	15.8	2	3	4			
Door overlay max.	15.0	3	4				
lay	14.5	4					
Šer							
or c							
ô							
		Mount	ting pla	ite heig	ht		



	Mounting plate height				
	0	2	3	4	
Χ	35.0	33.0	32.0	31.0	
Mounting plate position					

MINIMUM GAP

		Cup d	istance	•			
		3	4	5	6		
	16	0.5	0.5	0.5	0.5		
	18	0.5	0.5	0.5	0.5		
	19	0.5	0.5	0.5	0.5		
	20	0.0	0.0	0.0	0.5		
SS	22	0.5	0.5	0.5	0.5		
cue	24	0.5	0.5	0.5	0.5		
hick	26	0.5	0.5	0.5	0.7		
Door thickness	28	0.5	0.5	0.5	0.9		
õ	30	0.5	0.5	1.1	1.1		
		Minimum gap					

MINIMUM REVEAL

			Cup d	istance	Э		
			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	
	Door thickness	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	
	ort	28	1.9	1.9	1.9	1.9	
	å	30	3.8	2.9	2.6	2.5	
			Minim	num re	veal (F)		

NOTES

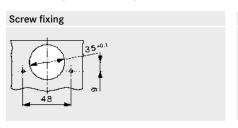
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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



ml

37 50 7

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

			Material			Artno.	
Door overlay		Cup	Arm		with spring	Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015072834	

COVER CAP

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	F069 073 534

	Designation	Artno.
	Soft-close Pin	F069066528
	Soft-close Click-on set	F069073 714

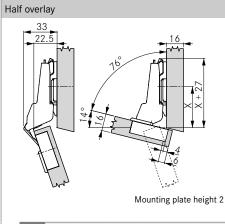
	Designation	Artno.
Bana	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

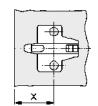
Soft-close Click-on	260
Technical information	202

Assembly aids	332

All dimensions in millimetres



Cup	listance	;			
3	4	5	6		
			0		
		0			
	0		2		
0		2	3		
	2	3	4		
2	3	4			
3	4				
4					
Mounting plate height					
	0 2 3 4	3 4 0 0 0 0 2 2 3 3 4 4 4	0 0 0 2 3 2 3 4 3 4 4 4	3 4 5 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 4 5 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



	Mounting plate height					
	0					
Χ	38.5	39.0	39.0	39.5		
Mounting plate position						

MINIMUM GAP

Door overlay

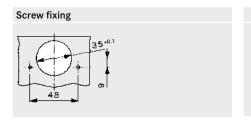
		Cup d	istance	•		
		3	4	5	6	
	16	0.5	1.0	1.8	2.6	
	18	1.3	2.1	2.9	3.7	
	19	1.9	2.7	3.5	4.3	
	20	2.4	3.2	4.0	4.8	
SS						
ü						
hick						
Door thickness						
å						
		Minim	ium gaj	p		

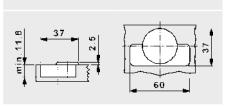
NOTES

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





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

		Material			with spring	Artno.	
Door overlay		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015072829	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069 066 528
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

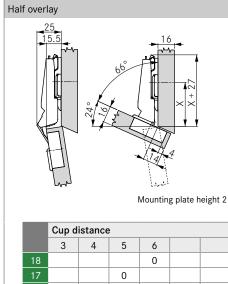
Designation	Artno.
Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

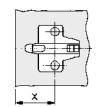
Soft-close Pin	266
Technical information	202

Assembly aids	332

All dimensions in millimetres



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



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

MINIMUM GAP

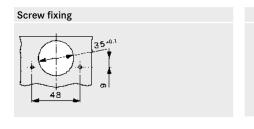
		Cup d	istance)		
		3	4	5	6	
	16	0.5	1.0	1.8	2.6	
	18	1.3	2.1	2.9	3.7	
	19	1.9	2.7	3.5	4.3	
	20	2.4	3.2	4.0	4.8	
SS						
cue						
hick						
Door thickness						
ĕ						
		Minim	ium ga	р		

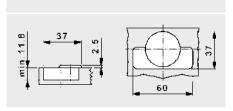
NOTES

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





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	Artno.		
		Cup	Arm		spring	Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		•	F015072835	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976

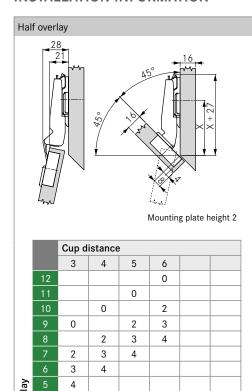
Designation	Artno.
Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

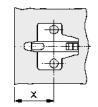
Nexis Click-on mounting plates	192
Accessories	200

Soft-close Pin	266
Technical information	202

Assembly aids	332

All dimensions in millimetres





	Mounti	Mounting plate height							
	0	0 2 3 4							
Х	55.0	57.0	58.0	59.0					
	Mounting plate position								

MINIMUM GAP

4

Door overlay

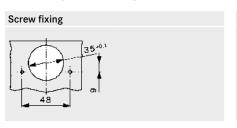
		Cup d	istance	•		
		3	4	5	6	
	16	0.5	1.0	1.8	2.6	
	18	1.3	2.1	2.9	3.7	
	19	1.9	2.7	3.5	4.3	
	20	2.4	3.2	4.0	4.8	
SS						
ü						
ji d						
Door thickness						
ĕ						
	Minimum gap					

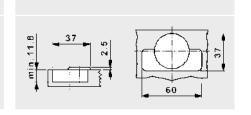
Mounting plate height

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





NEXIS CLICK-ON 05/90/4 95° blind corner hinge (Door thicknesses up to 30 mm)



- For direct mounting on protruding post
- $\bullet\,$ 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	Artno.	
		Cup	Arm	spring	Click-on Screw fixing	Click-on Press fitting
		∏ Steel,	Zamak,	•	F015 072 788	F015 072 787
Inset		nickel-plated	nickel-plated	-	F015 072 789	-

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Tipmatic Plus Click-on set	F069 073 752
R	Soft-close Click-on set	F069073 714

	Designation	Artno.
Stage.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Click-on mounting plates	192
Accessories	200

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

Technical information	202
Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	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		
SS	22	0.7	0.7	0.7	0.7		
Door thickness	24	1.0	1.0	1.0	1.0		
hick	26	1.4	1.4	1.4	1.4		
ort	28	1.9	1.9	1.9	1.9		
Š	30	3.8	2.9	2.6	2.5		
	Minimum reveal (F)						

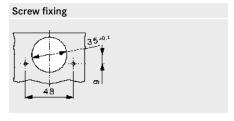
NOTES

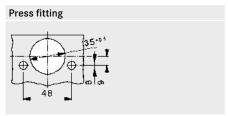
Important: Reveals were calculated for doors with a radius of 1 mm!

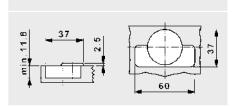
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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 -		Artno.	
Cup	Arm		spring	Click-on Screw fixing	
Zamak, nickel-plated	Zamak, nickel-plated			F015072858	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

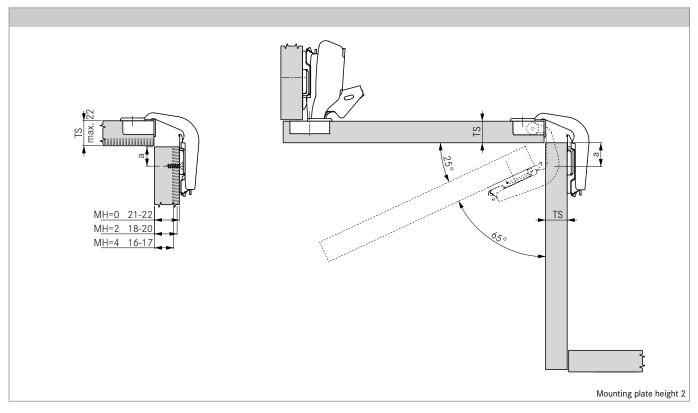
	Designation	Artno.
Span.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

Designation	Artno.

Nexis Click-on mounting plates	192
Accessories	200

Technical information	202	
Assembly aids	332	

All dimensions in millimetres



DISTANCE TABLE

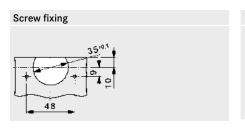
		Moun	ting pla	ate heis	tht	
		0	2	4		
	16			25		
	17			24		
SS	18		22			
Door thickness	19		21			
hick	20		20			
or t	21	18				
å	22	17				
		Distar	nce (a)			

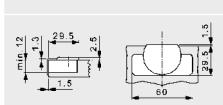
NOTES

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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

			Material		with	Artno.	
Door overlay		Cup	Arm	Cranking	spring	Click-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	•	F 015 072 795	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	•	F015072 798	

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
<	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069073669

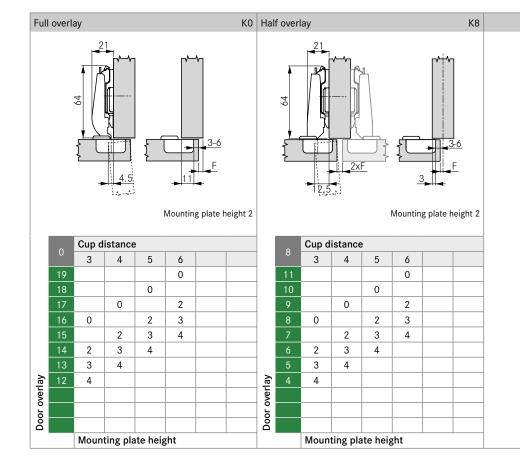
	Designation	Artno.
	Soft-close Pin	F069066528
Spanne.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

Designation	Artno.

Nexis Click-on mounting plates	192
Accessories	200

Technical information	202	
Assembly aids	332	

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance	,			
		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		
SS	22	0.0	0.0	0.0	0.2		
ü							
hick							
Door thickness							
ă							
	Minimum gap						

MINIMUM REVEAL

		Cup d	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		
SS	22	5.2	4.6	4.1	3.7		
ü							
hick							
Door thickness							
ĕ							
	Minimum reveal (F)						

NOTES

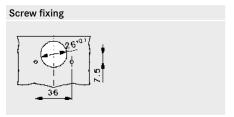
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

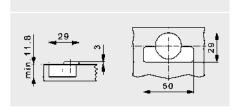
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



CUP DIMENSIONS



NEXIS CLICK-ON 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			with	Artno.	
		Cup	Arm	Cranking	spring	Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	•	F015 072 796	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	•	F 015 072 799	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	•	F015072965	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

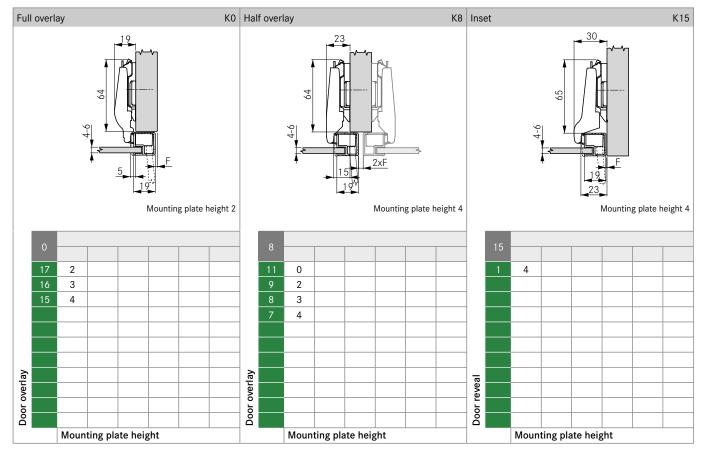
	Designation	Artno.
	Soft-close Pin	F069 066 528
	M 3 x 6 screw	F069 073 405

Designation	Artno.

Nexis Click-on mounting plates	192
Accessories	200

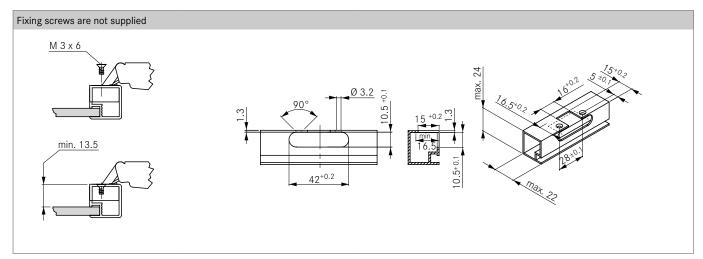
Technical information	202	
Assembly aids	332	

All dimensions in millimetres



INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting



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			with	Artno.	
		Cup	Arm	Cranking	spring	Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0		F 015 072 797	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	•	F015072800	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	•	F015072801	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

Designation	Artno.
Soft-close Pin	F069 066 528
Al. profile set, anodised, incl. seal	F069 073 434

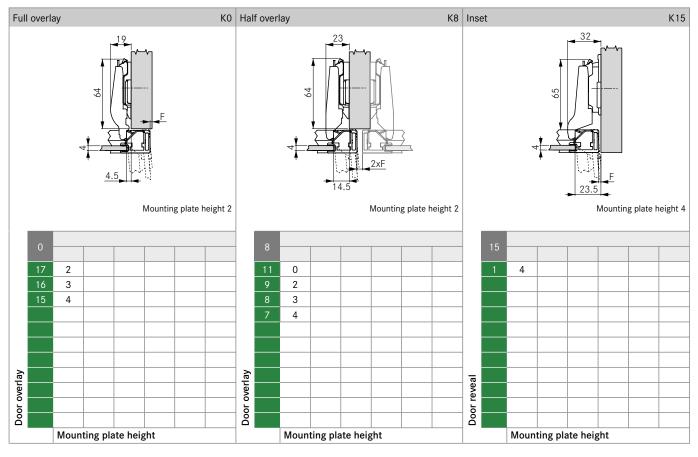
Designation	Artno.
Corner connector for maximum door size 50 x 90 cm	F069 073 433
Corner connector, long, for max. door size 60 x 90 cm	F069 135 174

Nexis Click-on mounting plates	192
Accessories	200

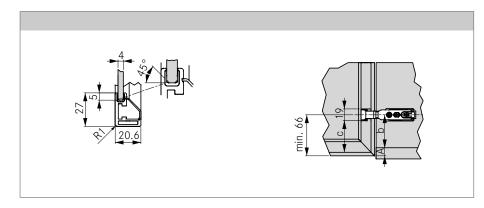
Soft-close Pin	266
Technical information	202

Assembly aids	332

All dimensions in millimetres



INSTALLATION DIMENSIONS



NOTES

Glass dim. = ext. door dim. - 44 mm

A = Overlay of door on bottom panel

b = Distance from top edge of bottom panel to centre hinge

c = b + A - 14.5 mm

NEXIS CLICK-ON 17 GL

95° glass door hinge (Glass thicknesses from 4 to 6 mm)



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- 95° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

		Material		Cranking	Cranking with spring	Artno.	
Door overlay		Cup	Arm			Click-on Screw fixing	
Full overlay		Plastic, black	Steel, nickel-plated	0		F015072803	
Half overlay		Plastic, black	Zamak, nickel-plated	8	•	F015072804	
Inset		Plastic, black	Zamak, nickel-plated	15	•	F015072805	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

DECORATIVE COVER CAPS

	Designation	Artno.
	Nickel velour	F069 073 420
	Nickel polished, eroded	F069073421
	Brass polished, eroded	F069073422
	Silver RAL 9006	F069073410
	Black	F069073424

	Designation	Artno.
	Nickel velour	F069073425
	Nickel polished, eroded	F069073414
	Brass polished, eroded	F069 073 427
	Silver RAL 9006	F069 073 417
	Black	F069073428
	Chrome finish	F069073419

	Designation	Artno.
	Soft-close Pin	F069066528

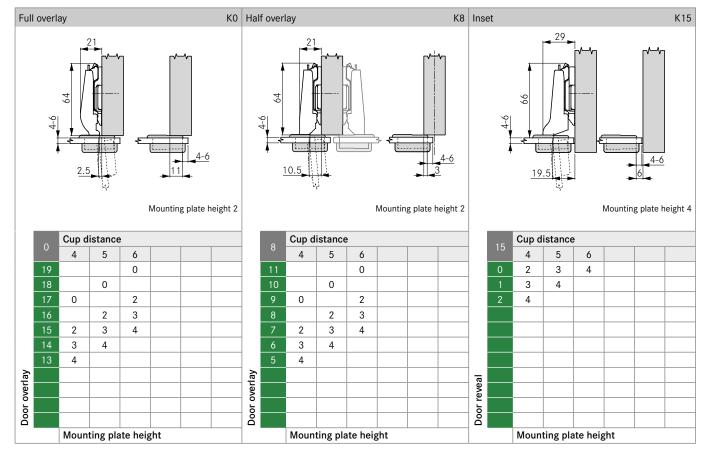
De	signation	Artno.

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Pin	266
Technical information	202

Assembly aids	332

All dimensions in millimetres



NOTE

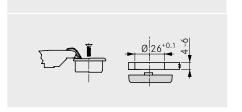
Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

20,07

26,0.7

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

	Material		with	Artno.	
Door overlay	Cup	Arm	spring	Click-on Screw fixing	
	Zamak,	Zamak,		•	F015072861
	nickel-plated	nickel-plated		-	F015072863

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
100	Tipmatic Pin for glass/mirror doors	F069 135 396
	Tipmatic Plus Mirro set	F069 073 746
	Soft-close Pin	F069066528

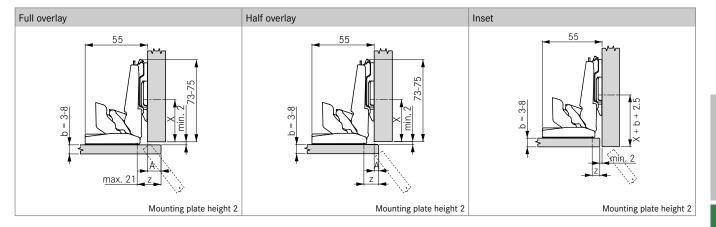
Designation	Artno.
Soft-close Mirro	F069 073 711
Mirro adapter stainless steel	F069 073 731
Mirro cover sticker, matt silver for Mirro adapter	F069 073 733

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Mirro	264
Tipmatic Plus Mirro	276

Technical information	202
Assembly aids	332

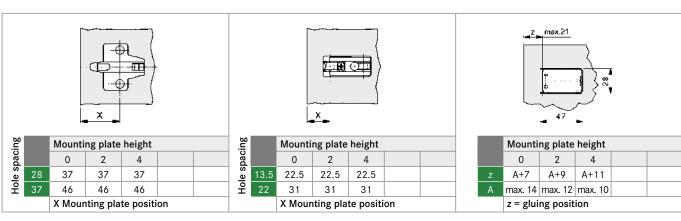
All dimensions in millimetres



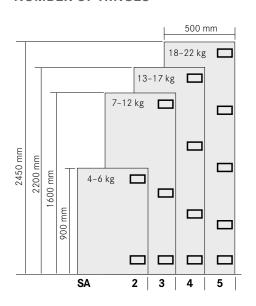
CROSS MOUNTING PLATE

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.

① 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.
- ① Liability claims: Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.
- ① 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	Artno.	
	Cup	Arm	spring	Click-on Screw fixing	
	Zamak, Zama	Zamak,	•	F015072862	
	nickel-plated	nickel-plated	-	F015072864	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
A00	Tipmatic Pin for glass/mirror doors	F069 135 396
	Tipmatic Plus Mirro set	F069 073 746
	Soft-close Pin	F069 066 528

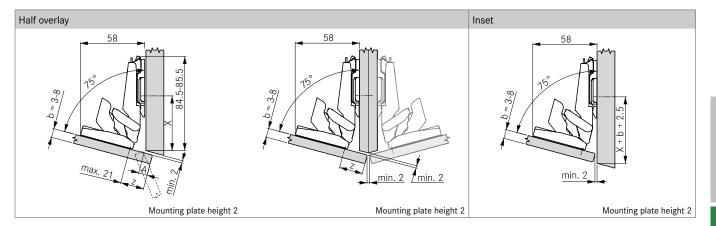
	Designation	Artno.
5	Soft-close Mirro	F069073 711
	Mirro adapter stainless steel	F069073 731
	Mirro cover sticker, matt silver for Mirro adapter	F069 073 733

Nexis Click-on mounting plates	192
Accessories	200

Soft-close Mirro	264
Tipmatic Plus Mirro	276

Technical information	202
Assembly aids	332

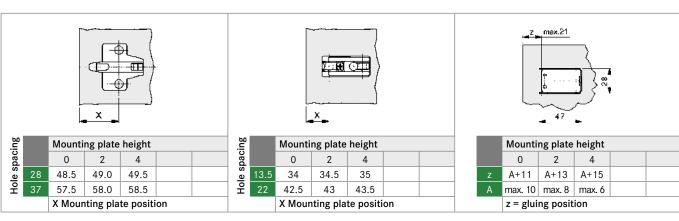
All dimensions in millimetres



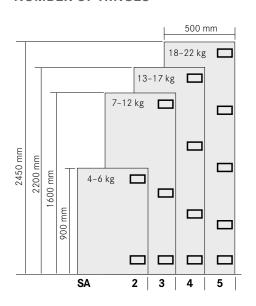
CROSS MOUNTING PLATE

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.

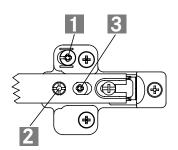
Inset application can be achieved by changing the fixing distance of the mounting plate (X) and reducing the gluing distance.

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.
- ① Liability claims: Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.
- ① Important: Mirro hinges must not be used with cam mounting plates.

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.

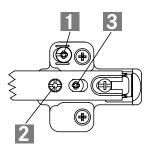
ORDER INFORMATION

2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing		37/32		Height	Artno.
				0	F061073214
Steel/Zamak, nickel-plated Fixing with wood screws		37 36	12	2	F061073215
Fixing distance 37 mm		32	Ø 3.5	4	F061073216
Hole spacing 32 mm Height and depth adjustment via a cam	•		6	F061073217	
			~~	8	F061073218

2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
Steel/Zamak, nickel-plated Fining with are eccepted.	37 36 12 0 3.5	0	F061073232
Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm	35	2	F061073233
Height and depth adjustment via a cam	10 0 6.3 x 13.5	4	F061073 234









Height adjustment +/-2 mm

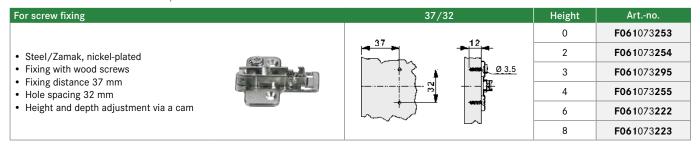
Side adjustment +1/-3 mm

Depth adjustment +3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

2D CROSS MOUNTING PLATE, 2-POINT FIXING



2D CROSS MOUNTING PLATE, 2-POINT FIXING

For Euro screws	37/32	Height	Artno.
	37	0	F061073227
Steel/Zamak, nickel-plated Fixing with Euro screws		2	F061073228
Fixing distance 37 mm		4	F061073229
 Hole spacing 32 mm Height and depth adjustment via a cam		6	F061073230
	05/~	8	F061073231

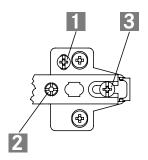
2D CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws		37/32	Height	Artno.
		37	0	F061073236
Steel/Zamak, nickel-plated The steel is a second			2	F061073237
Fixing with pre-assembled Euro screws	(A=163)	25	3	F061073294
Fixing distance 37 mm	9		4	F061073238
Hole spacing 32 mm Height and depth adjustment via a cam		05	6	F061073239
		Ø 6.3 x 13.5	8	F061073240

2D CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting		37/32	Height	Artno.
Steel/Zamak, nickel-plated	(E)	37	0	F061073248
Fixing with 10 mm dowels Fixing distance 37 mm Hole spacing 32 mm	(5)		2	F061073 249
Height and depth adjustment via a cam			4	F061073250

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	crew fixing 37/32		Height	Artno.
		37	0	F060073148
Steel/Zamak, nickel-plated		ø3.5	2	F060073150
Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm	3	4	F060073151	
		8	F060073152	
			18	F060073153

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

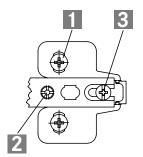
For Euro screws		37/32	Height	Artno.
		37 ▶	0	F060073156
Steel/Zamak, nickel-plated		3 0 3.5	2	F060 073 157
Fixing with Euro screwsFixing distance 37 mm		7.5	4	F060073158
Hole spacing 32 mm		8	F060073159	
		5	18	F060073160

SPACER PLATE, HEIGHT 3

For Euro screws	37/32	Height	Artno.
 Plastic, black Can be stacked For 2-part steel/Zamak plates 	Ø 6.3 x 16	3	F069 073 764

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
	37 ▶	0	F060073171
Steel/Zamak, nickel-plated Fixing with pre-assembled	3 0 3.5	2	F060 073 172
Euro screws		4	F060 073 173
Fixing distance 37 mm Hole spacing 32 mm		8	F060 073 174
	5 9.5 0 6.3 x 13.5	18	F060 073 175









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			Artno.
	37 ▶	<u>→ 12</u>	0	F060 073 144
Steel, nickel-plated Fixing with wood screws Fixing distance 27 mm.		Ø 3.5	2	F060073145
Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot	32		3	F060 073 209
			4	F060073146

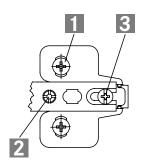
1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
Steel, nickel-plated	37	0	F060073179
Fixing with pre-assembled 13.5 mm long Euro screws		2	F060 073 180
Fixing distance 37 mm Hole spacing 32 mm		3	F060073211
Height adjustment via slot	5 10 Ø 6.3 x 13.5	4	F060073181

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

With pre-assembled Euro screws	37/32	Height	Artno.
Steel, nickel-plated Fixing with pre-assembled 10.5 mm long	37	0	F060073201
Euro screws Fixing distance 37 mm Hole spacing 32 mm		2	F060073202
Height adjustment via slot For twin application	5 7 Ø 6.3 x 10.5	4	F060073203

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

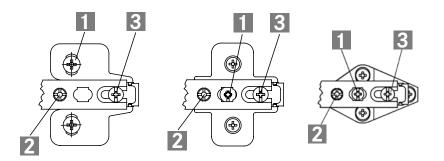
With expansion dowel		37/32	Height	Artno.
Steel, nickel-plated		37 <u>2.6</u>	0	F060073185
Fixing with 5 mm expansion dowels Fixing distance 37 mm Hole spacing 32 mm		0 4	2	F060073186
Height adjustment via slot	Plate must not be fixed with a cordless screwdriver.	5 8	4	F060 073 187

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

For press fitting	37/32	Height	Artno.
Steel, nickel-plated	37	0	F060 073 188
 Fixing with 10 mm dowels Fixing distance 37 mm Hole spacing 32 mm 		2	F060073191
Height adjustment via slot	10 10	4	F060 073 190

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge	37/32	Height	Artno.
Steel, nickel-plated	37	0	F060073182
 Fixing with 5 mm expansion dowel bridge Fixing distance 37 mm Hole spacing 32 mm 		2	F060073183
Height adjustment via slot	5 10	4	F060073184









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	Artno.
Steel, nickel-plated	28 Ø 3.5	0	F060073139
Fixing with wood screws Fixing distance 28 mm Hole spacing 32 mm	S. S.	2	F060073140
Height adjustment via slot	+	4	F060073141

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

With pre-assembled Euro screws	28/32	Height	Artno.
Steel, nickel-plated Steel in the state of the s	28	0	F060 073 162
Fixing with pre-assembled Euro screws Fixing distance 28 mm		2	F060 073 163
 Hole spacing 32 mm Height adjustment via slot 	5 10 Ø 6.3 x 13.5	4	F060 073 164

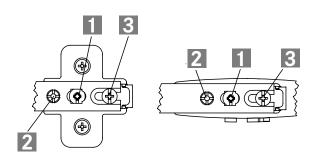
2-PART MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

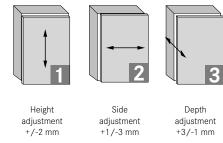
For Euro screws	28/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with Euro screws	28	2	F060 073 154
Fixing distance 28 mm Hole spacing 32 mm Height adjustment	5	4	F060073155

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

For Euro screws	37/25	Height	Artno.
 Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 25 mm Height adjustment 	37 5 9 0 6.3 x 13.5	2	F061073 268

Mounting plates





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	Artno.
 For 20° opening angle Zamak, nickel-plated Fixing with pre-assembled 	X X 3 X X X X X X X X X X X X X X X X X	2	F061073273
Euro screws • Hole spacing 32 mm • Height adjustment	5	4	F061073274

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

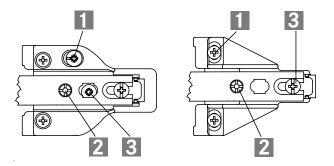
For Euro screws	X/-	32	Height	Artno.
For 45° opening angle Zamak, nickel-plated	X	\$ 6.3 × 13	2	F061 073 271
Fixing with Euro screws Hole spacing 32 mm Height adjustment	5	2	4	F061073272

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For screw fixing	13.5/32	Height	Artno.
Steel/Zamak, nickel-plated Fixing with wood screws Height adjustment via a cam	<u>Ø3.5</u>	0	F060073129
		2	F060 073 130
	13.5	3	F060073212
		4	F060 073 205

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

For press fitting	13.5/32	Height	Artno.
	22	0	F060 073 136
Steel/Zamak, nickel-plated Fiving with 10 mm dowels	13.532	2	F060 073 137
Fixing with 10 mm dowels Height adjustment via a cam	2	3	F060073210
		4	F060073138









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	Artno.
Steel/Zamak, nickel-plated Fixing with pre-assembled wood screws Height and depth adjustment via a cam	10	0	F061073283
	₩ Ø 3.5 E	2	F061073284
	****	4	F061073285

2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing 10/32				Artno.
		10 12	0	F061073279
Steel/Zamak, nickel-plated Fixing with wood screws Height and depth adjustment via a cam	50 (D)	Ø 3.5	2	F061073280
			4	F061073281

SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		10/36	Height	Artno.
		0 3.5	0	F061073275
 Zamak, nickel-plated Fixing with wood screws Height adjustment via slot	ith wood screws		2	F061073276
		10 23.5	4	F061073277

2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Artno.
 For inset doors For hinges, cranking size 8 Zamak, nickel-plated Fixing with wood screws Height adjustment 	Ø3.5 x 14 10 + 32.5 +	2	F061 073 278

Accessories

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	F069 073 548
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	F069073 534
₹	Click-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	F069 073 687

OPENING ANGLE REDUCTION CLIPS

	Designation		Artno.
(Zy)	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		F069 135 032
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black		F069073402

FIXING SCREWS

	Designation			Artno.
	Fure coroug pickel plotted (0.4.2 mm)	L = 10.5		F146073979
	Euro screw, nickel-plated, ∅ 6.3 mm	L = 13.5		F069 135 297
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15	15	F146 073 976
(CE)	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6	6	F069 073 405

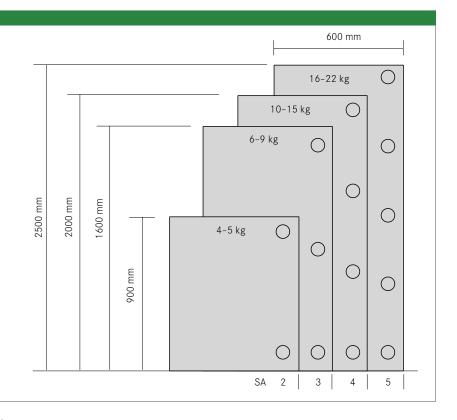
Technical information

NUMBER OF HINGES PER DOOR

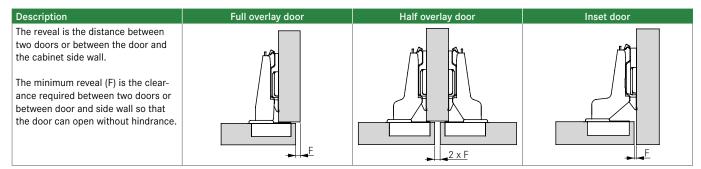
Description

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.

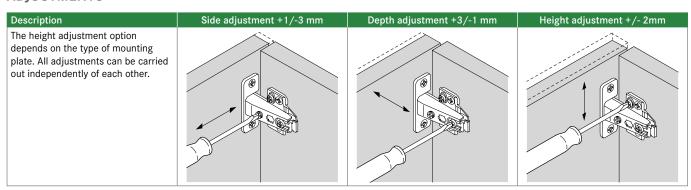


DOOR REVEAL AND MINIMUM REVEAL

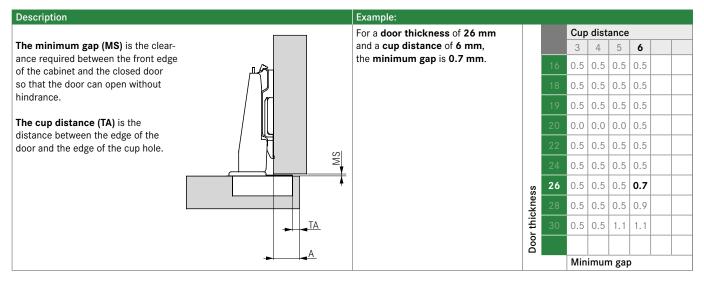


Minimum reveal table Achievable reveal with inset door Cup distance Cup distance The width of reveal required depends The table shows the achievable reveal 4 4 5 6 5 6 on the thickness of the door. width for inset doors, depending on the cup distance and mounting plate 0.1 0.1 0.1 0.1 2 3 4 height. Example: 0.2 0.2 0.2 0.2 2 3 For a 18 mm thick door and a cup distance of 6 mm the reveal Example: 0.3 0.3 0.3 0.3 3 4 required is 0.2 mm. For a cup distance of 4 mm and 0.4 0.4 0.4 0.4 a mounting plate height of 3 mm Important the reveal width is 1 mm. 0.7 0.7 0.7 0.7 Reveals were calculated for doors 1.0 with a radius of 1 mm! Hinge dimen-1.0 1.0 1.0 Door thickness sions and reveal calculation with 1.4 1.4 1.4 1.4 factory setting. reveal 1.9 1.9 1.9 1.9 We recommend a trial fitting. Door 2.9 2.6 2.5 3.8 Minimum reveal (F) Mounting plate height

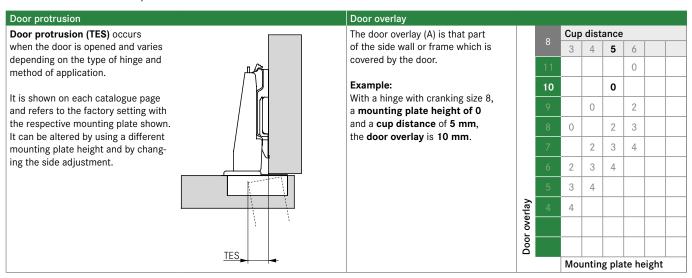
ADJUSTMENTS



MINIMUM GAP - CUP DISTANCE



DOOR PROTRUSION / DOOR OVERLAY



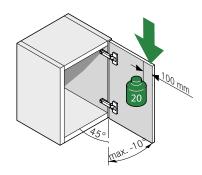
Technical information

OPTIONS FOR CHANGING THE DOOR OVERLAY

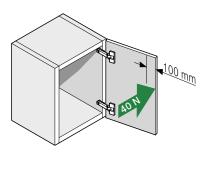
By selecting the cranking		By using a mounting plate with a different height
Full overlay (cranking 0)		Full overlay
The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA). The dimensions are shown in a table on the respective catalogue page.	TAS A	Hinge with 0 cranking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

TEST CRITERIA FOR HINGES

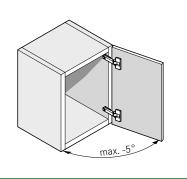
Functional test Static load – vertical Additional load: 20 kg Opening angle: max. -10° Number: 10



Static load – horizontal Force: 40 N Number: 10

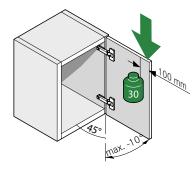


Endurance test Opening angle: max. -5° Open and close movements: 100,000

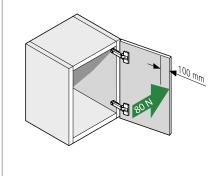


Overload testing

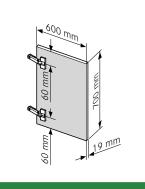
Vertical Additional load: 30 kg Opening angle: max. -10° Number: 10



Horizontal Force: 80 N Number: 10

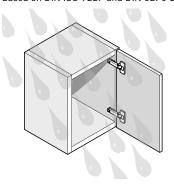


Test door Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2





NEXIS SLIDE-ON

Efficient and reliable.
Slide-on technology for numerous tried-and-tested applications.



The Nexis Slide-on series has been designed for a wide range of kitchen, bathroom and living room furniture door applications. A reliable hinge series with opening angles from 95° to 270° with a wide range for everyday service. Nexis Slide-on offers hinges for many applications such as for rebated doors or protruding posts.

Fixing of this hinge series is to the door Hinge range with screws or dowels. There are clear advantages in this short slide-on distance: with tall doors it is possible to fit the Nexis Slide-on hinges in sequence from top to bottom, sliding on each one quickly and reliably without jamming problems.



omos

NEXIS SLIDE-ON

Hinges for numerous door applications, installation on the cabinet side with classic Slide-on technology.

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Page
100°	Slide-on 04		•	•		•	210
110°	Slide-on 22		•	•	-		212
125°	Slide-on 29		•	•	-	•	214
170°	Slide-on 65	Wide-angle hinge	•	•	-	•	216
95°	Slide-on 05	Profiled door hinge	•	•		•	218
95°	Slide-on 25	Profiled door hinge	•	•		-	220
95°	Slide-on 05/30/2	+30° angle corner cabinet hinge	_	•	-	•	222
95°	Slide-on 05/45/3	+45° angle corner cabinet hinge	-	-			224
95°	Slide-on 05/45/8	+45° angle corner cabinet hinge	_	•	-	•	226
95°	Slide-on 05/90/4	Blind corner hinge	-	-			228
95°	Slide-on 05/90/0	Blind corner hinge	_	-		•	230
270°	Slide-on 70	Single-joint hinge	-	-	-	-	232
270°	Slide-on 73	Single-joint hinge	•	•	-	-	234
180°	Slide-on 80	Single-joint hinge	-	•	-	-	236
-	Slide-on PCC	Pie-cut corner hinge	-	-		-	238
95°	Slide-on 17	Mini-hinge	-	•			240
95°	Slide-on 17 AL	Aluminium frame hinge	•	•		•	242
95°	Slide-on 17 GL	Glass door hinge	•	•		-	244

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

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°		Nexis Slide-on 04 • Also suitable for soft-formed doors • Optimum reveals up to 24 mm door thickness • Soft-close compatible				210
110°		Nexis Slide-on 22 • 11 mm cup depth • Also suitable for soft-formed doors • Soft-close compatible			-	212
125°		Nexis Slide-on 29 Convenient access to unit Soft-close compatible			-	214
170°		Nexis Slide-on 65 • Also suitable for soft-formed doors • Zero protrusion • Soft-close compatible			-	216
95°		Nexis Slide-on 05 • Suitable for thick doors or profiled doors • Optimum reveals up to 30 mm door thickness • Soft-close compatible				218
95°		Nexis Slide-on 25 • Cup diameter 40 mm • For profiled and frame doors up to 36 mm thickness • Minimum reveals with thick doors				220
95°		Nexis Slide-on 05/30/2 • For 30° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	222
95°		Nexis Slide-on 05/45/3 • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		224
95°		Nexis Slide-on 05/45/8 • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-		-	226
95°		Nexis Slide-on 05/90/4 • For protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		228
95°		Nexis Slide-on 05/90/0 • Short hinge arm for protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible	-	-		230
270°	-	Nexis Slide-on 70 • Cup diameter 30 mm • Single-joint hinge • For door thicknesses from 15 to 21 mm		-	-	232

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
270°		Nexis Slide-on 73 • Single-joint hinge • For door thicknesses from 15 to 21 mm • With wide-angle opening			-	234
180°		Nexis Slide-on 80 • Single joint hinge for rebated doors • For door thicknesses from 14 to 21 mm • With wide-angle opening		-	-	236
-		Nexis Slide-on PCC • Pie-cut corner hinge for corner applications • For door thicknesses from 14 to 22 mm • For connecting two corner cabinet doors	-	-		238
95°		Nexis Slide-on 17 • Cup diameter 26 mm, ideal for frame doors • Optimum reveals up to 19 mm • Soft-close compatible				240
95°		Nexis Slide-on 17 AL • For aluminium frames up to 20 mm thickness • Hinge fits flush with the profile • Soft-close compatible				242
95°	C	Nexis Slide-on 17 GL • For glass thicknesses from 4 to 6 mm • Cup diameter 26 mm • Ideal for display cabinets				244

Nexis Slide-on mounting plates	246
Accessories • Hinge arm cover caps • Opening angle reduction clips	250
Technical information	252
Soft-close damping system	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			with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	Slide-on Press fitting
Full supples		Steel,	Steel,	-2		F016 073 023	-
Full overlay		nickel-plated	nickel-plated	0	•	F016073008	F016073010
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	•	F016073014	F016073016
Inset		Steel, nickel-plated	Steel, nickel-plated	15	•	F016073 018	F016 073 020

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	-2/0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
	Soft-close Pin	F069 066 528
R.	Soft-close Click-on set	F069 073 714

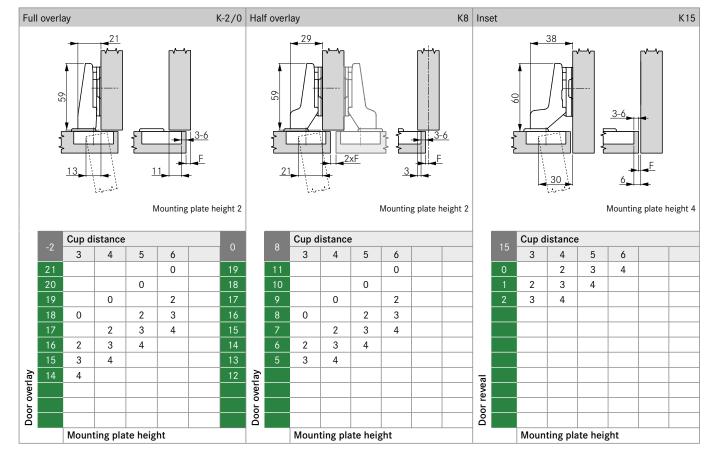
	Designation	Artno.
Ban	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance	•			
		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		
SS	22	0.5	0.5	0.5	0.8		
ü	24	0.5	0.5	0.5	1.1		
hick							
Door thickness							
å							
	Minimum gap						

MINIMUM REVEAL

		Cup d	istance	9			
		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		
SS	22	1.9	1.9	1.9	1.9		
ü	24	2.5	2.5	2.5	2.5		
hick							
Door thickness							
ă							
	Minimum reveal (F)						

NOTES

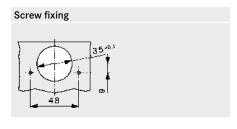
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

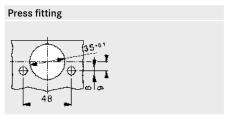
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

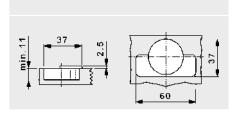
We recommend a trial fitting.

DRILLING PATTERNS





CUP DIMENSIONS



NEXIS 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			with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0		F016 073 062	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	•	F016073064	-

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069 073 669

	Designation	Artno.
	Soft-close Pin	F069 066 528
R	Soft-close Click-on set	F069 073 714

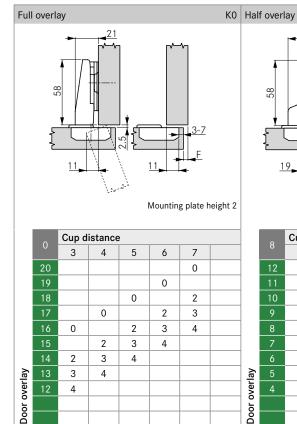
	Designation	Artno.
(ago	85° opening angle reduction clip, plastic, black	F069 135 032
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

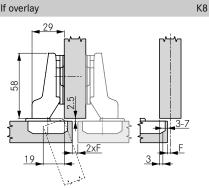
Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres





Mounting plate height 2

	8	Cup distance						
	0	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						

MINIMUM GAP

		Cup d	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		
SS	22	1.4	2.4	3.4	4.4	5.4		
çue								
hic								
Door thickness								
å								
	Minimum gap							

Mounting plate height

MINIMUM REVEAL

Mounting plate height

		Cup d	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		
SS	22	4.7	3.7	2.8	2.1	2.1		
Door thickness								
hicl								
or t								
å								
	Minimum reveal (F)							

NOTES

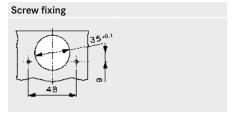
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

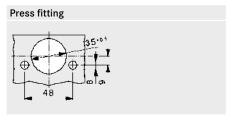
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

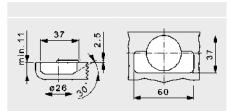
We recommend a trial fitting.

DRILLING PATTERNS





CUP DIMENSIONS



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			with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0		F016 073 070	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8	On request	F069 073 669

	Designation	Artno.
	Soft-close Pin	F069 066 528
R.	Soft-close Click-on set	F069 073 714

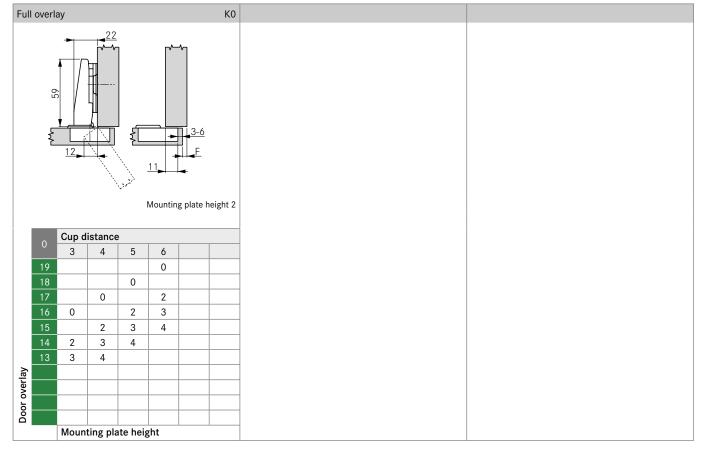
	Designation	Artno.
Bana	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	istance)		
		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	
SS						
kne						
hic						
Door thickness						
8						
Minimum gap						

MINIMUM REVEAL

		Cup distance					
		3	4	5	6		
	16	1.9	1.9	1.9	1.9		
	18	2.8	2.6	2.5	2.5		
	19	4.6	3.6	3.0	2.9		
	20	6.5	5.5	4.5	3.5		
SS							
cue							
hic							
Door thickness							
ŏ							
		Minim	num re	veal (F)			•

NOTES

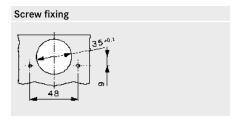
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

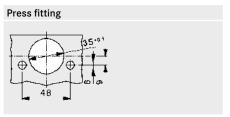
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

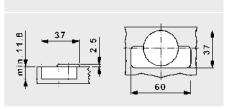
We recommend a trial fitting.

DRILLING PATTERNS





CUP DIMENSIONS



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

			Material		with	Artno.	
Door overlay		Cup	Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0		F016 073 077	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	•	F016 073 079	

Designation	
Soft-close Pin	F069066528
170° Soft-close	F069 073 729

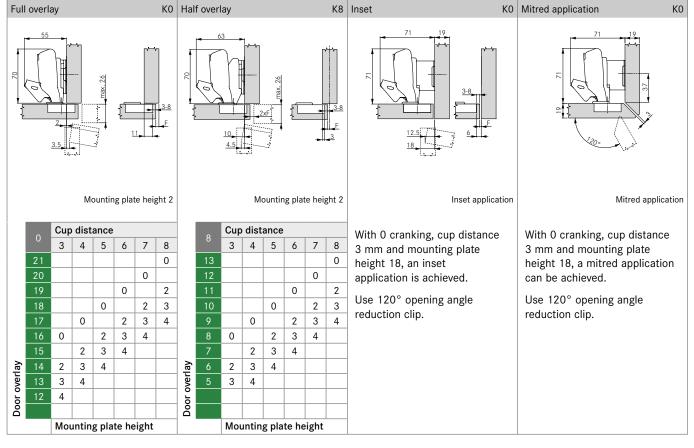
	Designation	Artno.
	120° opening angle reduction clip, plastic, black	F069 073 402
Boogs	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

Nexis Slide-on mounting plates	246
Accessories	250

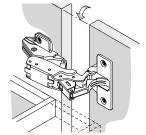
170° Soft-close	262
Technical information	252

Assembly aids	332

All dimensions in millimetres



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

		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		
SS	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		
cue	23	0.5	0.5	0.5	0.5	0.5	0.5		
Door thickness	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		
å	26	0.5	0.5	0.5	0.5	0.5	0.5		
		Min	imun	n gap)				

MINIMUM REVEAL

		Cup	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		
ss	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		
Door thickness	23	0.0	0.0	0.0	0.0	0.0	0.0		
hich	24	0.0	0.0	0.0	0.5	1.8	2.0		
ort	25	6.5	6.5	6.0	5.5	4.8	4.0		
ě	26	10.5	9.5	8.5	7.5	6.5	5.5		
Minimum reveal (F)									

NOTES

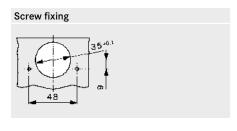
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

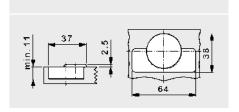
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



Press fitting



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		Mat	erial		with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0		F016 073 028	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8		F016 073 039	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	•	F016 073 044	F016073 045

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
	Soft-close Pin	F069 066 528
Rofe	Soft-close Click-on set	F069 073 714

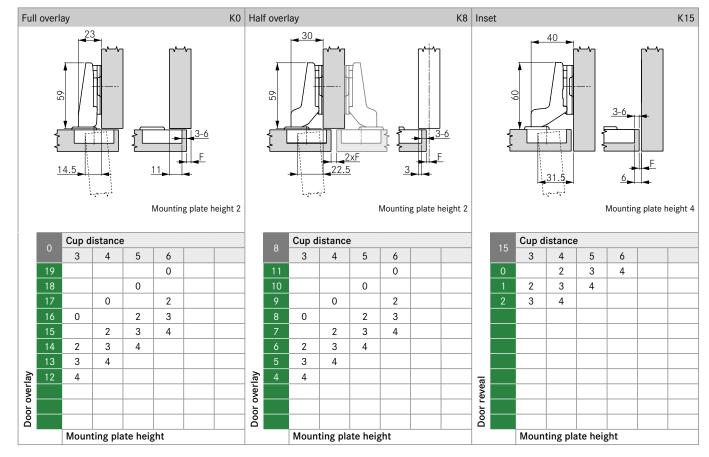
	Designation	Artno.
Bana.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	Cup distance							
		3	4	5	6					
	16	0.5	0.5	0.5	0.5					
	18	0.5	0.5	0.5	0.5					
	19	0.5	0.5	0.5	0.5					
	20	0.0	0.0	0.0	0.5					
SS	22	0.5	0.5	0.5	0.5					
Door thickness	24	0.5	0.5	0.5	0.5					
hicl	26	0.5	0.5	0.5	0.7					
or t	28	0.5	0.5	0.5	0.9					
Õ	30	0.5	0.5	1.1	1.1					
		Minim	ium gaj)						

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			
SS	22	0.7	0.7	0.7	0.7			
ćne	24	1.0	1.0	1.0	1.0			
Door thickness	26	1.4	1.4	1.4	1.4			
	28	1.9	1.9	1.9	1.9			
	30	3.8	2.9	2.6	2.5			
		Minimum reveal (F)						

NOTES

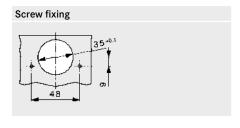
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

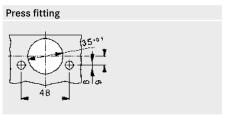
Important: The reveals were calculated for doors with a radius of 1 mm!

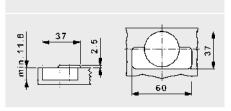
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS







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			with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	0		F016073066	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8		F016073068	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	•	F016073069	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

	Designation	Artno.
	Soft-close Pin	F069066528
Expans.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

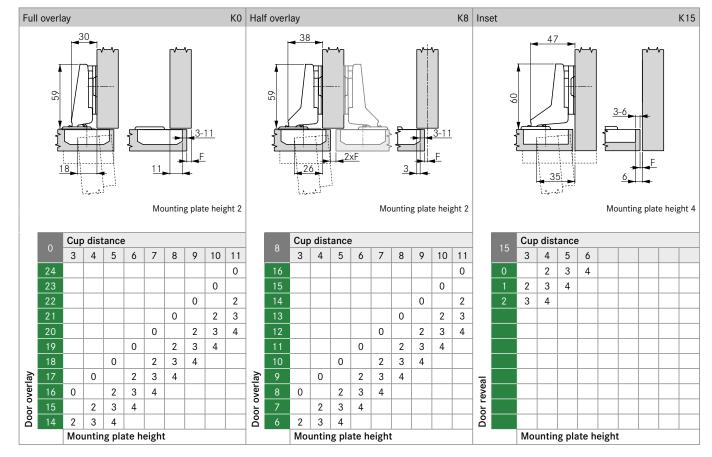
Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup	dist	ance	.				
		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		
SS	28	0.0	0.0	0.0	0.0	0.0	0.0		
kne	30	0.0	0.0	0.0	0.0	0.0	0.0		
Door thickness	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		
õ	36	0.0	0.0	0.0	0.0	0.0	0.0		
Minimum gap									

MINIMUM REVEAL

		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		
ss	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		
çu	30	0.8	0.8	0.8	0.8	0.8	0.8		
ļ	32	2.1	1.1	1.1	1.1	1.1	1.1		
Door thickness	34	4.2	3.1	2.3	1.6	1.4	1.4		
å	36	6.5	5.2	4.2	3.5	2.2	1.7		
	Minimum reveal (F)								

NOTES

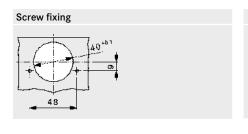
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

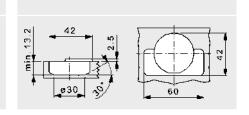
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS SLIDE-ON 05/30/2 +30° angle corner cabinet hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- $\bullet\,$ 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	Artno.	
		Cup	Arm	spring	Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	•	F016073 032	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
R.	Soft-close Click-on set	F069073 714

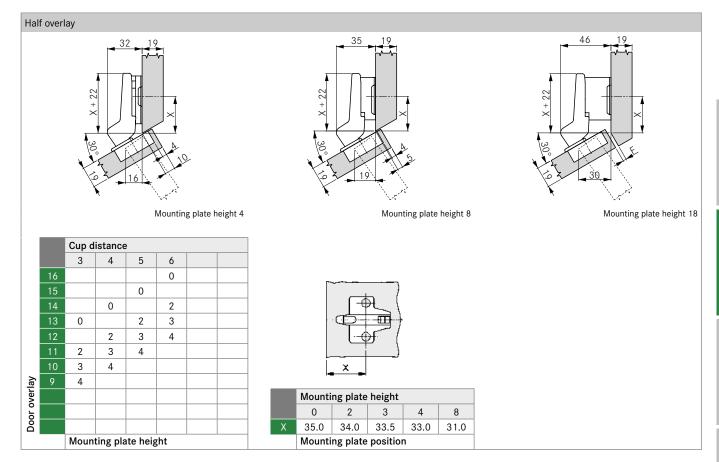
	Designation	Artno.
Bay.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM GAP

		Cup d	Cup distance					
		3	4	5	6			
	16	0.5	0.5	0.5	0.5			
	18	0.5	0.5	0.5	0.5			
	19	0.5	0.5	0.5	0.5			
	20	0.0	0.0	0.0	0.5			
SS	22	0.5	0.5	0.5	0.5			
kne	24	0.5	0.5	0.5	0.5			
hic	26	0.5	0.5	0.5	0.7			
Door thickness	28	0.5	0.5	0.5	0.9			
8	30	0.5	0.5	1.1	1.1			
		Minim	ium gaj	0				

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		
SS	22	0.7	0.7	0.7	0.7		
cue	24	1.0	1.0	1.0	1.0		
hic	26	1.4	1.4	1.4	1.4		
Door thickness	28	1.9	1.9	1.9	1.9		
å	30	3.8	2.9	2.6	2.5		
		Minim	ium re	veal (F)			

NOTES

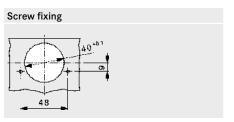
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

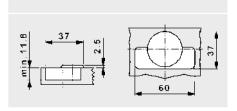
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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	Artno.		
		Cup	Arm		spring	Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		•	F016073 033	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
	Soft-close Click-on set	F069073 714

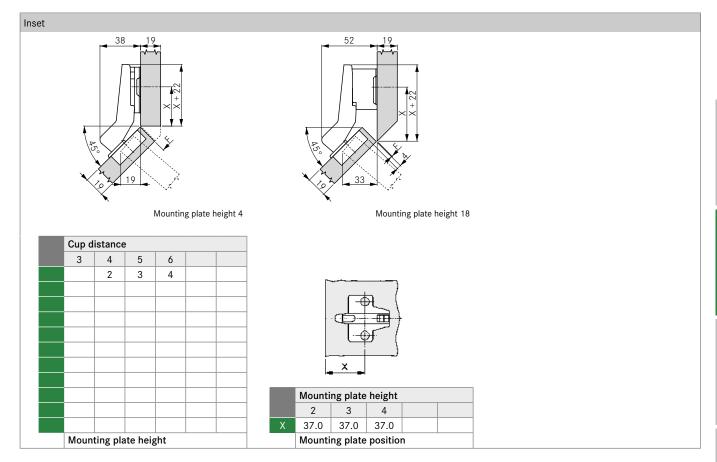
	Designation	Artno.
Elizabe.	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MINIMUM REVEAL

		Cup d	istance)		
		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	
SS	22	0.7	0.7	0.7	0.7	
Door thickness	24	1.0	1.0	1.0	1.0	
hick	26	1.4	1.4	1.4	1.4	
ort	28	1.9	1.9	1.9	1.9	
å	30	3.8	2.9	2.6	2.5	
		Minim	um rev	eal (F)		

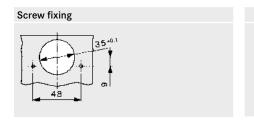
NOTES

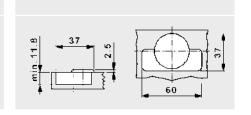
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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

		Material		with	Artno.	
Door overlay		Cup	Arm	spring Slide-on Screw fixing		
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	•	F016073 038	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
A CO	Soft-close Click-on set	F069073 714

	Designation	Artno.
Etaga.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

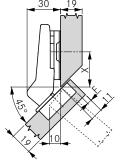
Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

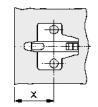
All dimensions in millimetres





Mounting plate height 4

		Cup distance						
		3	4	5	6			
	19.5				0			
	18.5			0				
	18.0		0		2			
	17.3	0		2	3			
	16.5		2	3	4			
×.	15.8	2	3	4				
ma	15.0	3	4					
Door overlay max.	14.5	4						
	Mounting plate height							



	Mounti	Mounting plate height						
	0	2	3	4				
Х	35.0	33.0	32.0	31.0				
Mounting plate position								

MINIMUM GAP

		Cup d	istance)		
		3	4	5	6	
	16	0.5	0.5	0.5	0.5	
	18	0.5	0.5	0.5	0.5	
	19	0.5	0.5	0.5	0.5	
	20	0.0	0.0	0.0	0.5	
SS	22	0.5	0.5	0.5	0.5	
cue	24	0.5	0.5	0.5	0.5	
hic	26	0.5	0.5	0.5	0.7	
Door thickness	28	0.5	0.5	0.5	0.9	
ŏ	30	0.5	0.5	1.1	1.1	
		Minim	ium gaj	p		

MINIMUM REVEAL

		Cup d	istance	е			
		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		
SS	22	0.7	0.7	0.7	0.7		
ü	24	1.0	1.0	1.0	1.0		
Door thickness	26	1.4	1.4	1.4	1.4		
	28	1.9	1.9	1.9	1.9		
	30	3.8	2.9	2.6	2.5		
	Minimum reveal (F)						

NOTES

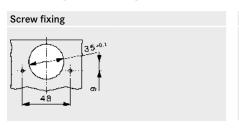
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

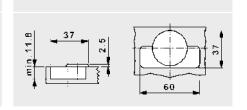
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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	Artno.	
		Cup	Arm	spring	Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		F016073 048	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
A CO	Soft-close Click-on set	F069073 714

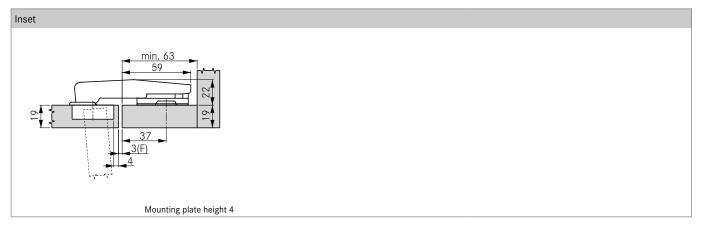
	Designation	Artno.
Bana	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

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		
SS	22	0.7	0.7	0.7	0.7		
Door thickness	24	1.0	1.0	1.0	1.0		
hic	26	1.4	1.4	1.4	1.4		
ort	28	1.9	1.9	1.9	1.9		
å	30	3.8	2.9	2.6	2.5		
		Minimum reveal (F)					

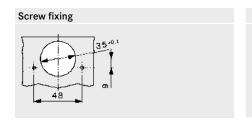
NOTES

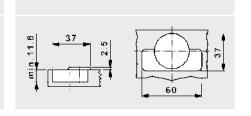
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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	Artno.		
		Cup	Arm	spring	Slide-on Screw fixing		
Inset		Steel, nickel-plated	Zamak, nickel-plated		•	F016 073 027	

SUITABLE MOUNTING PLATES

Drilling pattern		Height Materia		Fixing	Hole spa- cing	Artno. Screw fixing	
	10-16 7. Z. S. O 3.5	0	Zamak, natural	Wood screws	32	F063073348	

COVER CAP

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
R.	Soft-close Click-on set	F069073 714

	Designation	Artno.
Ban	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Click-on	260
Technical information	252

Assembly aids	332

All dimensions in millimetres



MOUNTING PLATE POSITION

4

0

2

3

4

5

6

5

0

1

2

3

4

5

6

0

1

2

3

4

Cup distance

3

0

1

2

3

4

5

6

7

Door reveal

17

14

Mounting plate position (X)

MIN	IMUIN	/I RF\	/FAI

Cup distance 3 4 5 6 0.1 0.1 0.1 0.1 0.2 0.2 0.2 0.2 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0.4 0.7 0.7 0.7 0.7 Door thickness 24 1.0 1.0 1.0 1.0 1.4 1.4 1.4 1.4 1.9 1.9 1.9 1.9 3.8 2.9 2.6 2.5 Minimum reveal (F)

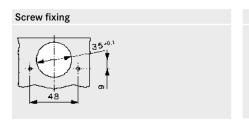
NOTES

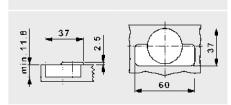
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





270° single joint hinge (Door thicknesses 15 to 21 mm)



- 270 $^{\circ}$ 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 Auto	Automatic	Artno.	
		Cup	Arm	thickness	hold-closed function	Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	T20 (15 – 21 mm)	-	F016073088	
				T17 (15 – 18 mm)	•	F016073 090	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
E COMPANY OF THE PROPERTY OF T	Countersunk wood screw Ø 3.5 x 15 mm	F146073 97 6

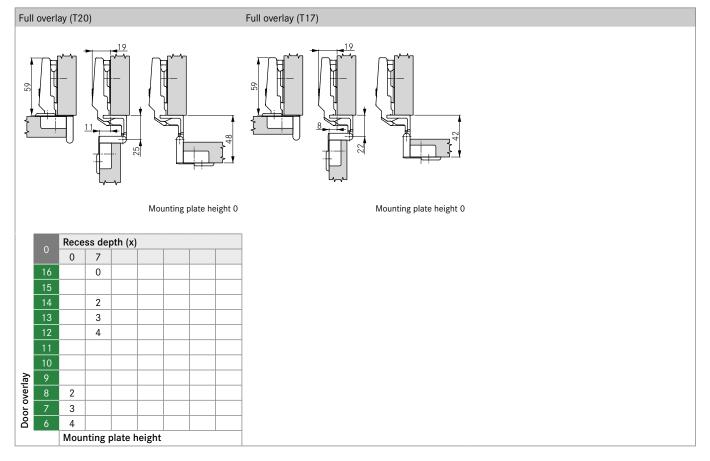
Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

All dimensions in millimetres



NOTES

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

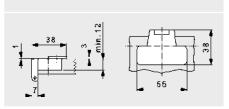
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing

25 · 0 5



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			Automatic	Artno.	
		Cup	Arm	Cranking	hold-closed function	Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0		F016 073 084	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	•	F016073 095	

COVER CAP

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069 066 528
Boogs.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

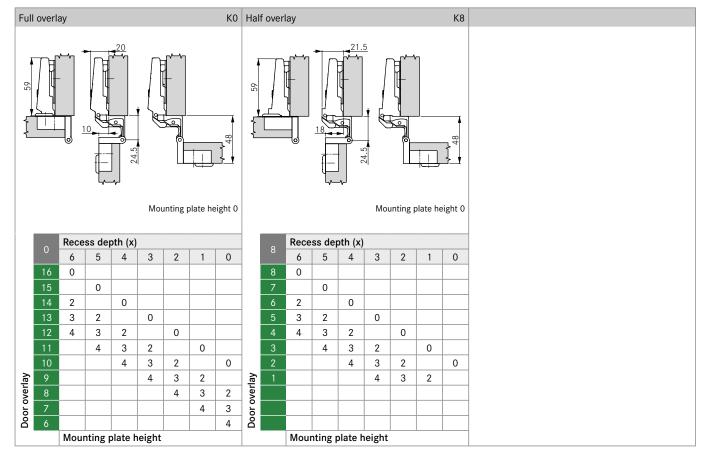
Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

All dimensions in millimetres



NOTES

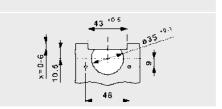
Important: Reveals were calculated for doors with a radius of 1 mm!

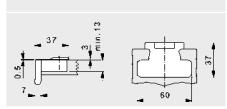
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing





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

	Mate		erial		Automatic	Artno.	
Door overlay		Cup	p Arm Finials hold-closed function		hold-closed function	Slide-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated	-	•	F016073 099	
	brass, burnisher Zamak, nickel-plat Zamak, brass,	Zamak, brass, burnished	Zamak, brass, burnished	-	•	F016073 098	
Overlay		Zamak, nickel-plated	Zamak, nickel-plated		•	F016135457	
		Zamak, brass, burnished	Zamak, brass, burnished		•	F016073096	
		Zamak, nickel-plated	Zamak, nickel-plated		•	F016073122	

COVER CAP

	Designation	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

	Designation	Artno.
	Soft-close Pin	F069066528
8	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976

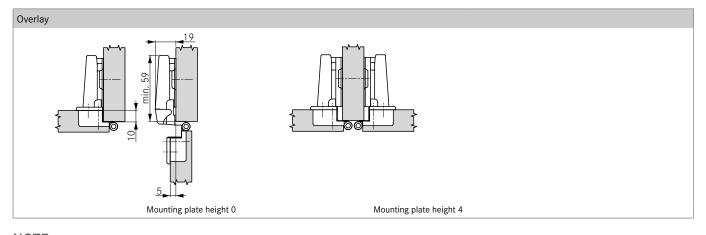
Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

All dimensions in millimetres

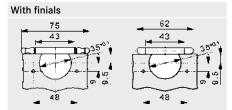


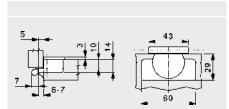
NOTE

We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing





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		Artno.	
Cup	Arm		spring	Slide-on Screw fixing	
Zamak, nickel-plated	Zamak, nickel-plated			F016 073 100	

COVER CAP

Designation	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069 073 570

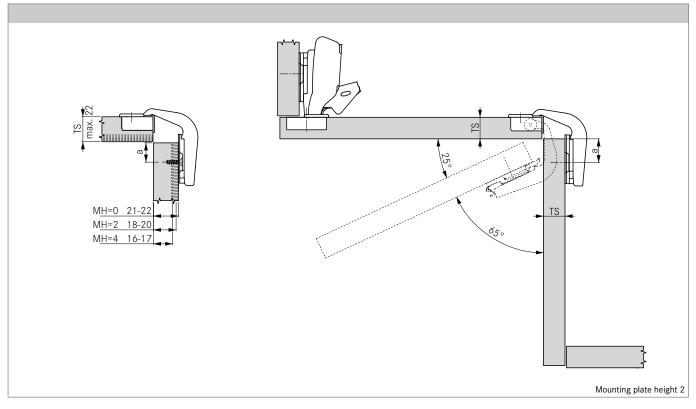
	Designation	Artno.
Som.	Countersunk wood screw Ø 3.5 x 15 mm	F146 073 976

Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Technical information	252	
rechnical information	232	
Assembly aids	332	

All dimensions in millimetres



DISTANCE TABLE

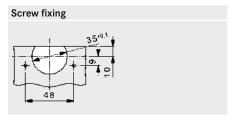
		Moun	ting pla	ate heig	ght		
		0	2	4			
	16			25			
	17			24			
SS	18		22				
ue	19		21				
Door thickness	20		20				
or ±	21	18					
۵	22	17					
Distance (a)							

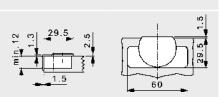
NOTES

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





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

		Mat	erial		with	Artr	10.
Door overlay	erlay		Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0		F016073 049	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	•	F016073051	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	•	F016073 052	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

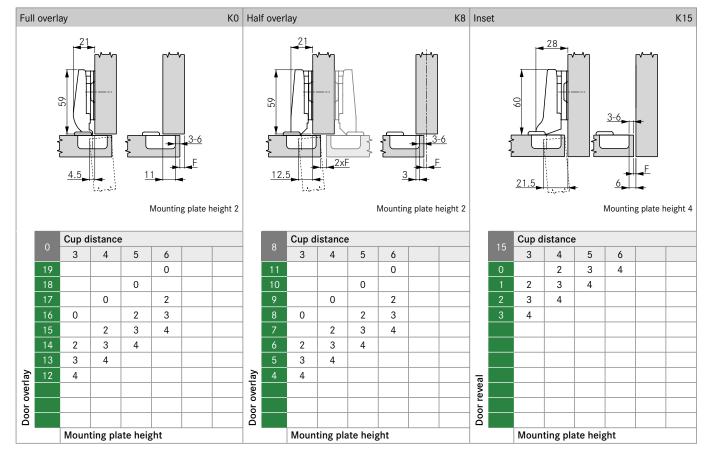
	Designation	Artno.
	Soft-close Pin	F069066528
Separate Control of the Control of t	Countersunk wood screw Ø 3.5 x 15 mm	F146073 976

Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Technical information	252	
Assembly aids	332	

All dimensions in millimetres



MINIMUM GAP

		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		
SS	22	0.0	0.0	0.0	0.2		
cue							
hick							
Door thickness							
ĕ							
		Minimum gap					

MINIMUM REVEAL

		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		
SS	22	5.2	4.6	4.1	3.7		
ü							
hick							
Door thickness							
ă							
	Minimum reveal (F)						

NOTES

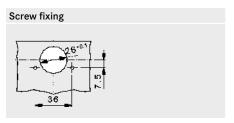
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

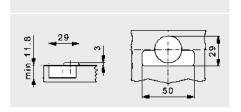
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS





NEXIS SLIDE-ON 17 AL

95° aluminium frame hinge (Aluminium frame up to 20 mm)



- $\bullet\,$ 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			with	Artno.	
		Cup	Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0		F016073 053	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8		F016073054	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	•	F016073055	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

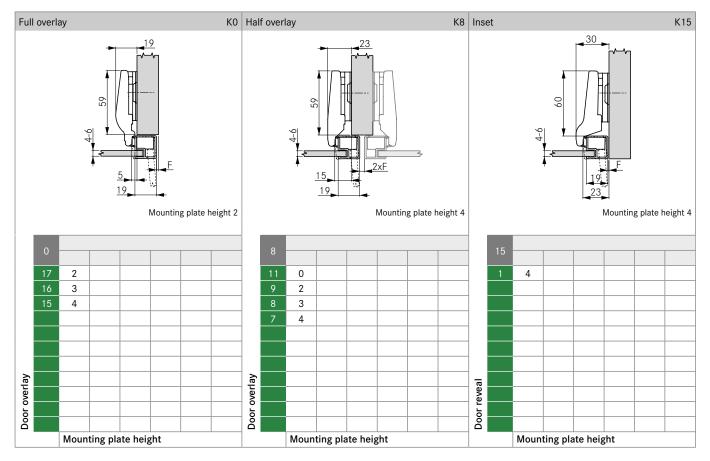
Designation	Artno.
Soft-close Pin	F069 066 528
M 3 x 6 screw	F069 073 405

Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

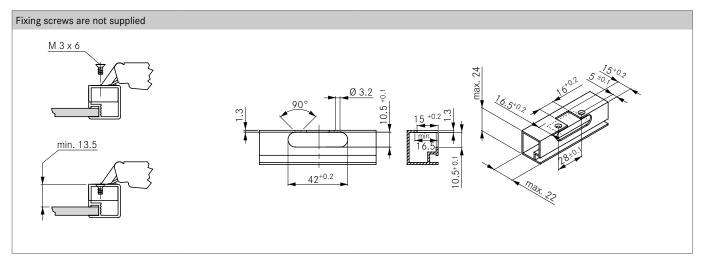
Technical information	252	
Assembly aids	332	

All dimensions in millimetres



INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting



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

			Material		with	Artno.	
Door overlay		Cup	Arm	Cranking	spring	Slide-on Screw fixing	
Full overlay		Plastic, black	Steel, nickel-plated	0	-	F016073056	
Half overlay		Plastic, black	Zamak, nickel-plated	8	•	F016073 057	
Inset		Plastic, black	Zamak, nickel-plated	15	•	F016073058	

COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069 073 669

DECORATIVE COVER CAPS

Designation	Artno.
Nickel velour	F069073420
Nickel polished, eroded	F069073421
Brass polished, eroded	F069073422
Silver RAL 9006	F069073410
Black	F069073424

Designation	Artno.
Nickel velour	F069073425
Nickel polished, eroded	F069073414
Brass polished, eroded	F069 073 427
Silver RAL 9006	F069 073 417
Black	F069073428
Chrome finish	F069073419

	Designation	Artno.
	Soft-close Pin	F069066528

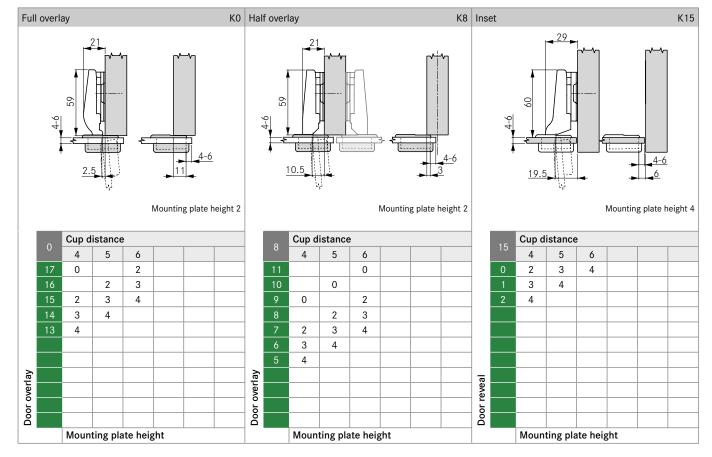
Designation	Artno.

Nexis Slide-on mounting plates	246
Accessories	250

Soft-close Pin	266
Technical information	252

Assembly aids	332

All dimensions in millimetres



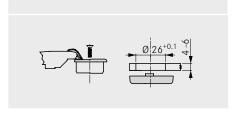
NOTE

Hinge dimensions and reveal calculation with factory setting.

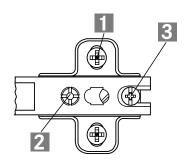
DRILLING PATTERNS

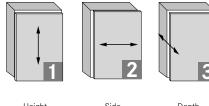
20⁴0⁷

26,07



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.

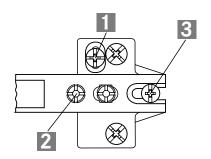
ORDER INFORMATION

CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing	37/32	Height	Artno.
Steel, nickel-plated	a 3.5	0	F062073298
Fixing with wood screws Fixing distance 37 mm	5 0 2 2	2	F062 073 299
Hole spacing 32 mm		4	F062073300
 Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm 	37	8	F 063 073 351

CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Artno.
Steel, nickel-plated	37	0	F062073316
Fixing with pre-assembled Euro screws Fixing distance 37 mm		2	F062 073 317
Hole spacing 32 mm	9.6 ₂ 06.3x13.5	4	F062073318
 Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm 	37 26.3x13.5	8	F063 073 366









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	Artno.
Steel/Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm	37 → 93.5	0	F062073301	
		3	2	F062073302
	83	33	4	F062073303
		8	F062073 304	

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For Euro screws		37/32	Height	Artno.
		37	0	F062073307
Steel/Zamak, nickel-plated	* 0 3.5	2	F062073308	
Fixing with Euro screwsFixing distance 37 mm		2	4	F062073309
Hole spacing 32 mm	0		8	F062073310
		5	18	F062073311

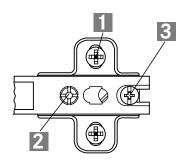
2-PART COMPACT PLATE, 3-POINT FIXING

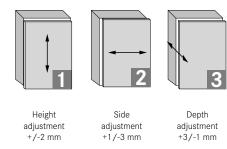
For screw fixing	37/32	Height	Artno.
Steel/Zamak, nickel-plated	37 8.5	0	F063 073 340
Fixing with wood screwsFixing distance 37 mm	3 5	2	F063073342
Hole spacing 32 mm		4	F063073344

2-PART COMPACT PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Artno.
Steel/Zamak, nickel-plated	37 8.5	0	F063 073 360
Fixing with Euro screws Fixing distance 37 mm		2	F063073361
Hole spacing 32 mm	5	4	F063 073 362

Mounting plates





All adjustments can be carried out independently of each other.

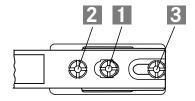
ORDER INFORMATION

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

For screw fixing	28/32	Height	Artno.
Steel, nickel-plated Fixing with wood screws	28 14 63.5	0	F062073296
Fixing distance 28 mm Hole spacing 32 mm Height adjustment via slot		4	F062073297

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

With pre-assembled Euro screws	28/32	Height	Artno.
Steel, nickel-plated Fixing with pre-assembled	28 14 23.5	0	F062073313
Euro screws • Fixing distance 28 mm		2	F062073314
Hole spacing 32 mm Height adjustment via slot	5 10 06.3x13.5	4	F062073315









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	Artno.
	ø3.5	0	F063 073 336
Steel/Zamak, nickel-plated Fixing with wood screws Height adjustment	13.5	2	F063 073 337
		4	F063073338

Accessories

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Artno.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	F069 073 548
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	F069 073 534
₹	Slide-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	F069 073 687

OPENING ANGLE REDUCTION CLIPS

	Designation		Artno.
(Lago	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		F069135032
	120° opening angle reduction clip for 170° wide-angle hinge. Prevents inset doors from colliding with the cabinet. Plastic, black		F069073402

FIXING SCREWS

	Designation			Artno.
	Fure coroug pickel ploted (8.4.2 mm	L = 10.5		F146 073 979
Euro screw, nickel-plated, Ø 6.3 mm	L = 13.5		F069 135 297	
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15	15	F146 073 976
	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6	6	F069073405

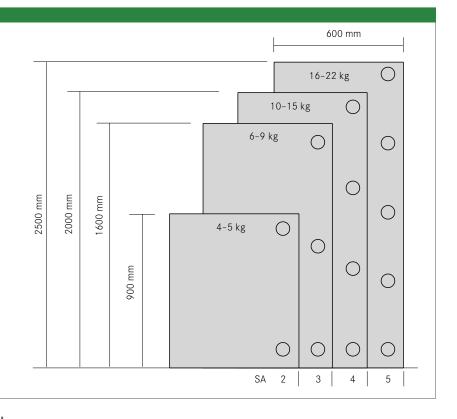
Technical information

NUMBER OF HINGES PER DOOR

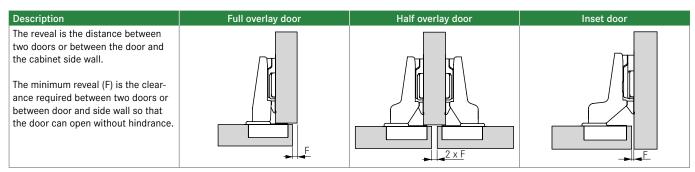
Description

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.

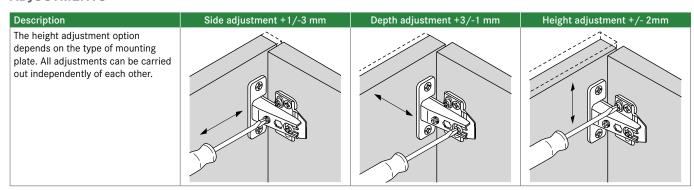


DOOR REVEAL AND MINIMUM REVEAL

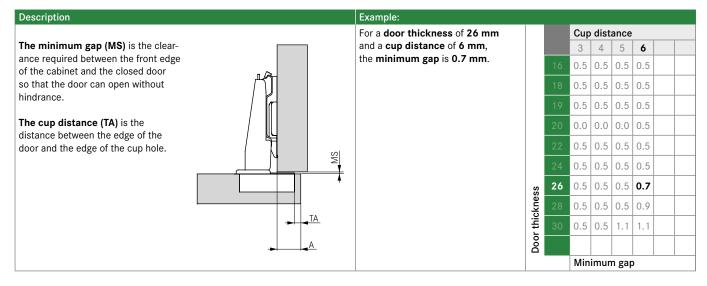


Minimum reveal table Achievable reveal with inset door Cup distance Cup distance The width of reveal required depends The table shows the achievable reveal 3 4 5 6 4 5 6 on the thickness of the door. width for inset doors, depending on the cup distance and mounting plate 0.1 0.1 0.1 0.1 4 height. Example: 0.2 0.2 0.2 0.2 2 4 For a 18 mm thick door and a cup distance of 6 mm the reveal Example: 0.3 0.3 0.3 0.3 2 4 required is 0.2 mm. For a cup distance of 4 mm and a mounting plate height of 4 mm 0.4 0.4 0.4 0.4 Important the reveal is 2 mm. 0.7 0.7 0.7 0.7 Reveals were calculated for doors with a radius of 1 mm! Hinge dimen-1.0 1.0 1.0 1.0 Door thickness sions and reveal calculation with 1.4 1.4 1.4 1.4 factory setting. reveal 1.9 1.9 1.9 1.9 We recommend a trial fitting. Door 2.9 2.6 2.5 3.8 Minimum reveal (F) Mounting plate height

ADJUSTMENTS



MINIMUM GAP - CUP DISTANCE



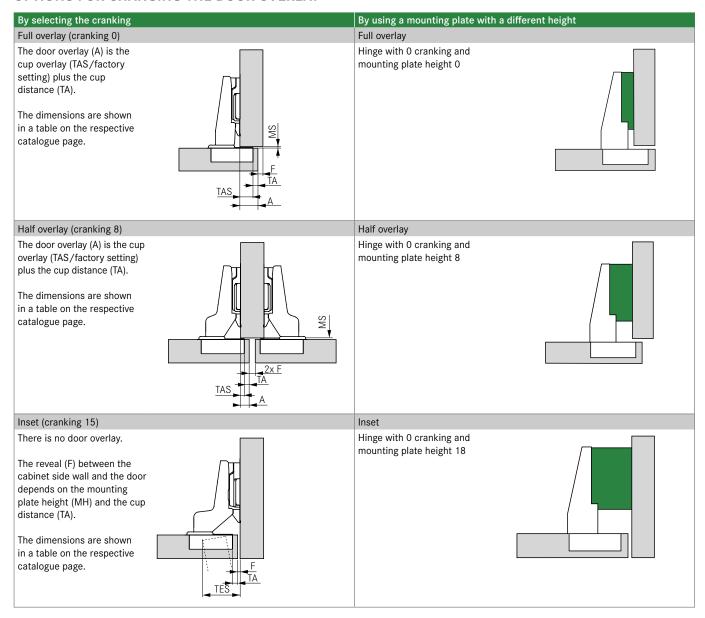
DOOR PROTRUSION / DOOR OVERLAY

Door protrusion		Door overlay							
Door protrusion (TES) occurs		The door overlay (A) is that part		0	Cup	dist	ance		
when the door is opened and varies		of the side wall or frame which is			3	4	5	6	
depending on the type of hinge and method of application.		covered by the door.		11				0	
		Example:		10			0		
It is shown on each catalogue page and refers to the factory setting with		With a hinge with cranking size 8, a mounting plate height of 0		9		0		2	
the respective mounting plate shown. It can be altered by using a different		and a cup distance of 5 mm, the door overlay is 10 mm.		8	0		2	3	
mounting plate height and by chang-		the door overlay is 10 mm.		7		2	3	4	
ing the side adjustment.				6	2	3	4		
				5	3	4			
			overlay	4	4				
			r ove						
	TES		Door						
	21 12				Μοι	ıntin	g pla	te he	ight

NEXIS SLIDE-ON

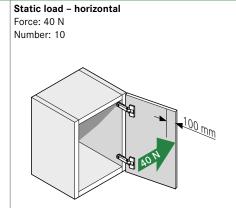
Technical information

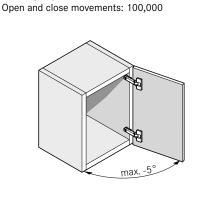
OPTIONS FOR CHANGING THE DOOR OVERLAY



TEST CRITERIA FOR HINGES

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





Endurance test

Test door

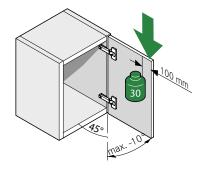
Weight approx. 5.2 kg

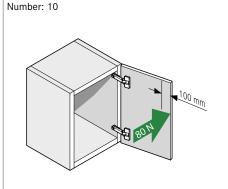
Opening angle: max. -5°

Overload testing

Functional test

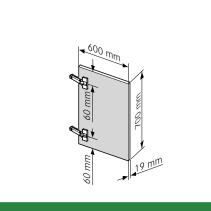
Vertical Additional load: 30 kg Opening angle: max. -10° Number: 10





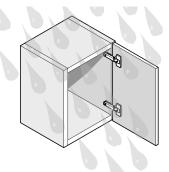
Horizontal

Force: 80 N



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2





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.





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

Soft-close can be inserted securely and without tools into the hinges of the various hinge series, either straight away or at a later date. Quick, reliable and completely tool-free. The movement is gently slowed down and the furniture door closes softly and quietly — a perfect balance of form and function. The number of Soft-close dampers per door depends on its size and weight.

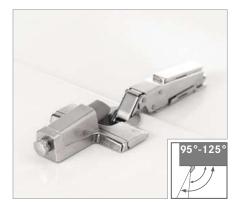
SOFT-CLOSE FOR NEXIS

Damping system suitable for retrofitting to all Nexis hinge systems.

Product designation	Application	Page		
Soft-close Impresso	Nexis Impresso hinges (95°, 100°, 110° and 125°)	258		
Soft-close Click-on	Nexis Click-on and Slide-on hinges (95°, 100°, 110° and 125°)			
170° Soft-close	Nexis wide-angle hinges 170°	262		
Soft-close Mirro	Nexis Click-on Mirro hinges	264		
Soft-close Pin	Pneumatic damper for doors	266		

SOFT-CLOSE IMPRESSO

For Nexis Impresso 95°, 100°, 110° and 125° hinges



- Tool-free installlation 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	Artno.
set includes:	F069 073 728

Soft-close Impresso adapter	Artno.
Soft-close Impresso adapter for Nexis Impresso hinges	F069 073 726

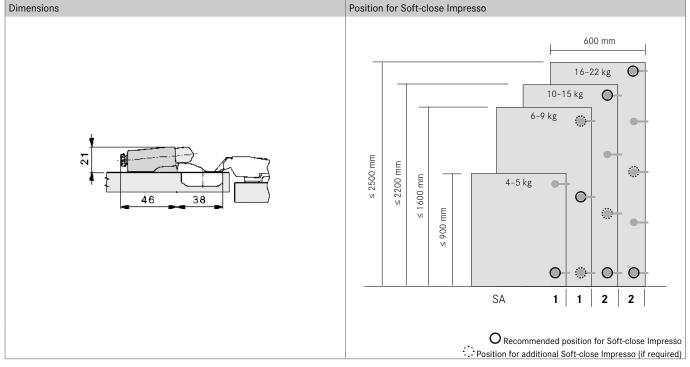
Soft-close damper		Artno.
Soft-close damper for Soft-close Impresso adapter	EST CONTROL OF THE PARTY OF THE	F069 073 701

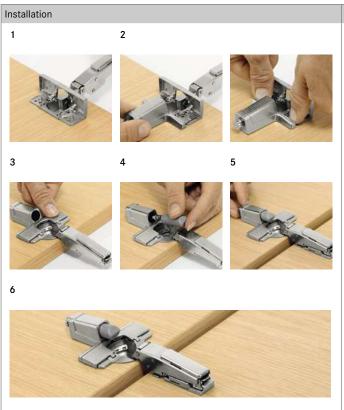
COVER CAPS

Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

Nexis Impresso	103		

All dimensions in millimetres





Soft-close Impresso - quick and easy to fit

- 1 Remove door from cabinet and open hinge cup cover.
- 2 Place Soft-close Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.
- 3 Close hinge cup cover and press down fully. Adapter must make full contact with the door.
- 4 Fully insert damper into the adapter opening, with the flat side facing downwards.
- 5 Re-hang the door and, if required, adjust the damping level via the adjustment screw.
- 6 If not already in place, fit the short hinge arm cover cap (supplied with the set).

NOTES

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.

LEGEND

SA Number of hinges

SOFT-CLOSE CLICK-ON

For Nexis Click-on and Slide-on 95°, 100°, 110° and 125° hinges



- Tool-free installlation 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	Artno.
set includes: 1 Soft-close adapter with pre-assembled Soft-close damper for Nexis Click-on and Nexis Slide-on hinges 1 hinge cup cover cap 2 cover caps	F069 073 714

Soft-close adapter	Artno.
Soft-close adapter incl. pre-assembled Soft-close damper for Nexis Click-on and Nexis Slide-on hinges	F069073 715

COVER CAPS

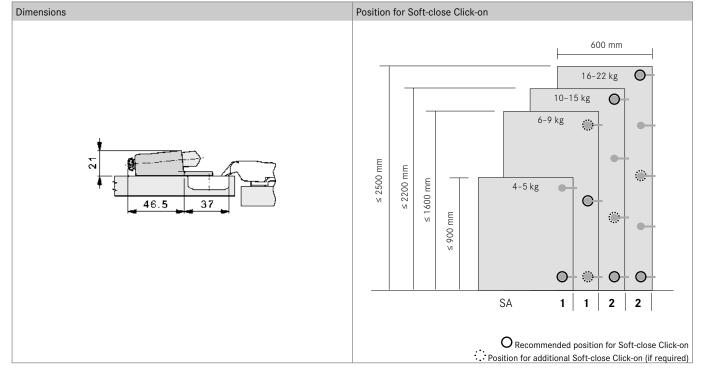
Designation	Cranking	Imprinted/Embossed	Artno.
Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069 073 570
Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069 073 669

ACCESSORIES

Designation	Artno.		Designation	Artno.
Hinge cup cover cap, steel, nickel-plated, not imprinted	F069 073 687			

Nexis Click-on	145		

All dimensions in millimetres





Soft-close Click-on - quick and easy to fit

- 1 Hinges with 0 cranking: remove hinge arm cover cap (if fitted).
- 2 Insert Soft-close 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 If required, fit short hinge arm cover cap (supplied with the set).
- 5 If required, the adjustment screw can be used to finely adjust the Soft-close Click-on to different opening angles and cranking.
- 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.

NOTES

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.

LEGEND

SA Number of hinges

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 installlation can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted

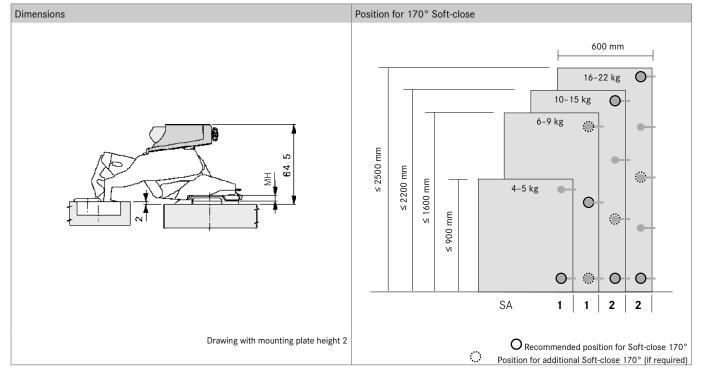
ORDER INFORMATION

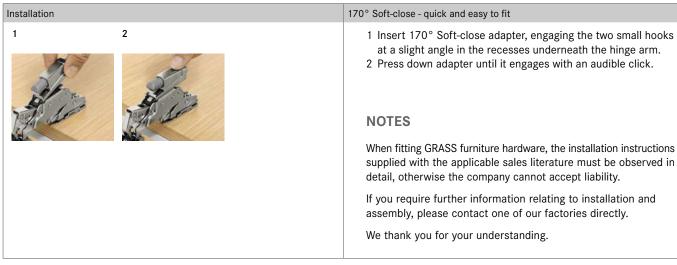
170° Soft-close	Artno.
Soft-close adapter for Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinge with pre-assembled Soft-close damper	F069 073 729

Nexis Impresso	103
Nexic Click-on	145

Nexis Slide-on	207	

All dimensions in millimetres



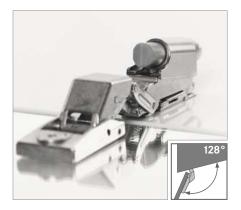


LEGEND

MH	Mounting plate height
SA	Number of hinges

SOFT-CLOSE MIRRO

For Nexis Click-on Mirro hinges



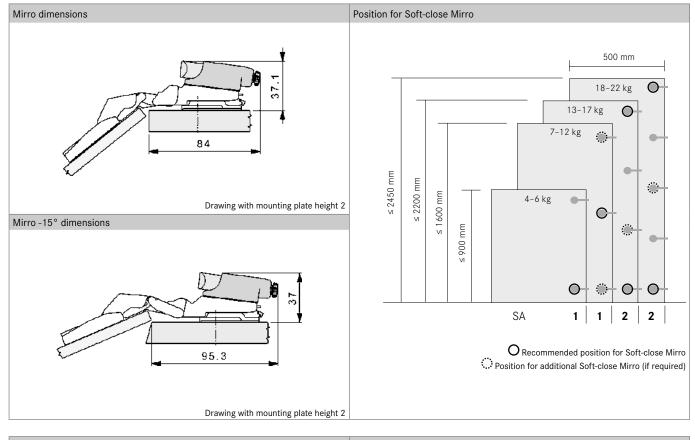
- For Nexis Click-on Mirro and Mirro -15° hinges
- Tool-free installlation can also be retrofitted
- No additional drilling of the cabinet
- Damping levels can be individually adjusted

ORDER INFORMATION

Soft-close Mirro	Artno.
Soft-close adapter with pre-assembled Soft-close damper for Nexis Click-on Mirro and Mirro -15° hinges	F069073 711

Nexis Slide-on	207		
Nexis Click-on Mirro 07/-15	190		

All dimensions in millimetres



Installation 1

2





Soft-close Mirro - quick and easy to fit

- 1 Insert Soft-close Mirro adapter engaging the hook into the recess underneath the hinge arm.
- 2 Push the adapter back until it engages with an audible click.

NOTES

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.

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	Artno.
 Hole drilled into cabinet front edge For perfect appearance Housing: plastic, anthracite Piston: light grey 	min. 60	F069066528

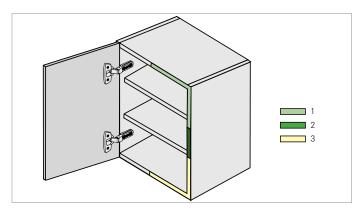
Adapter plate for line hole drilling	For Euro screws	Artno.
 Suitable for hole spacing 28 mm and 37 mm Fixing with Euro screws (6.3 x 13.5) Plastic, light grey 	32	F069063 310

Frame adapter plate	For screw fixing	Artno.
 For quick retrofit installation Fixing with wood screws (3.5 x 13) Plastic, light grey 	9.5	F069 073 697

Linear adapter plate	For screw fixing	Artno.
 Design solution – also in conjunction with inset doors Fixing with wood screws (3.5 x 13) Plastic, light grey 	32 17	F069 073 696

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.

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
Tipmatic Plus Impresso set	Nexis Impresso hinges without self-closing mechanism	270
Tipmatic Plus Click-on	Nexis Click-on hinges without self-closing mechanism	272
170° Tipmatic Plus	170° wide-angle hinges without self-closing mechanism	274
Tipmatic Plus Mirro	Nexis Click-on Mirro and Mirro -15° hinges without self-closing mechanism	276
Tipmatic Pin	Handle-free wood/aluminium frame doors and glass/mirror doors	278
Tipmatic Plus Pin	Handle-free furniture doors	280

Installation instructions	282	
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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

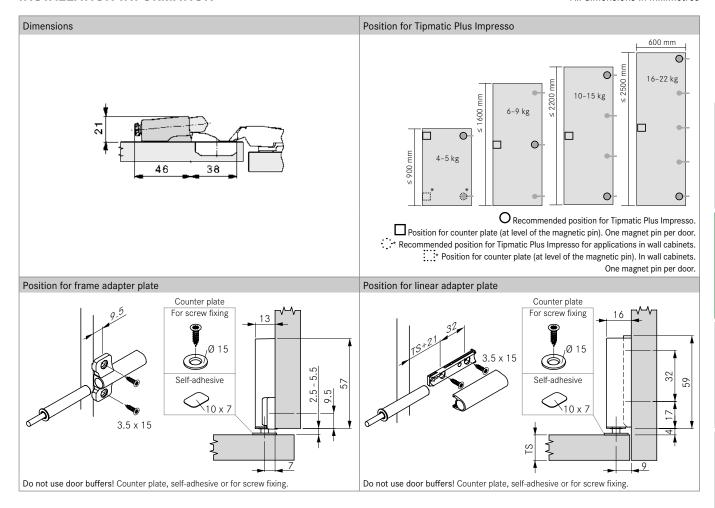
ORDER INFORMATION

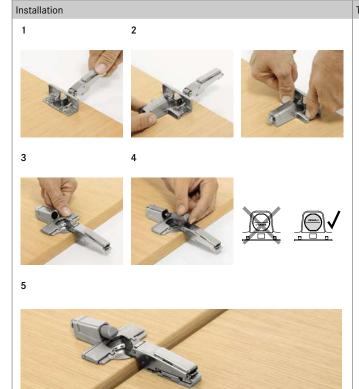
ORDER INFORMATION	
Tipmatic Plus Impresso set	Artno.
1 set includes: 1 Tipmatic Plus Impresso adapter 1 Tipmatic Plus ejector 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw 1 magnetic pin	F069135014
Tipmatic Plus Impresso adapter	Artno.
Tipmatic Plus Impresso adapter for Nexis Impresso hinges	F069 135 013
Tipmatic Plus ejector	Artno.
Tipmatic Plus ejector for Tipmatic Plus Impresso adapter	F069135060
Linear adapter plate for magnetic pin	Artno.
 Design solution, also in conjunction with inset doors Fixing with wood screws (Ø 3.5 x 13 mm) 	F069 073 696
Frame adapter plate for magnetic pin	Artno.
 For quick retrofit installation Fixing with wood screws (Ø 3.5 x 13 mm) 	F069 073 697
Magnetic pin and counter plates	Artno.
1 set includes: 1 magnetic pin 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw	F069135 396

Nexis Impresso

103

All dimensions in millimetres





Tipmatic Plus Impresso - quick and easy to fit

- 1 Remove door from the cabinet, take off hinge arm cover cap (if fitted) and open the hinge cup cover.
- 2 Place Tipmatic Plus Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.
- 3 Close hinge cup cover and press down fully.

 Adapter must make full contact with the door.
- 4 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards.
- 5 Clip the door back on to the mounting plates, adjust the front gap, replace hinge arm cover cap (if available).

NOTES

Tipmatic Plus Impresso is only suitable for hinges without self-closing mechanism.

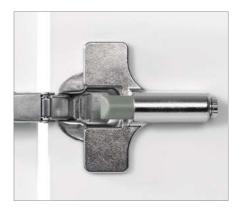
For framed doors we recommend Tipmatic Plus Click-on.

Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.

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.

TIPMATIC PLUS CLICK-ON

For Nexis Click-on hinges without self-closing mechanism



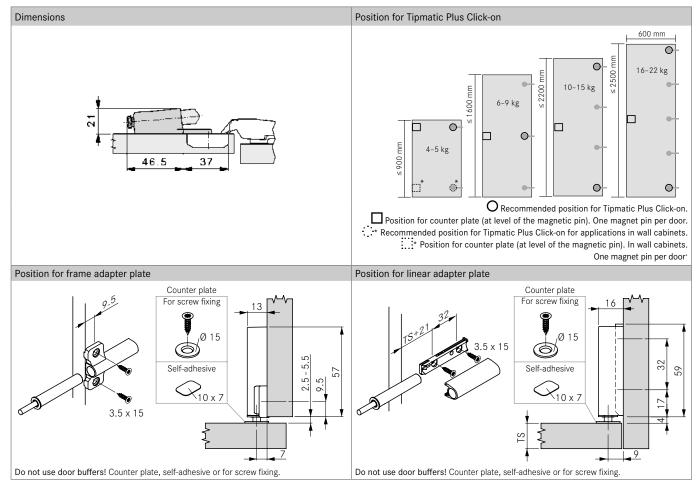
- Doors open by gently tapping the front, in a wide opening angle
- Compatible with hinges from the Nexis Click-on series without self-closing mechanism
- Can also be retrofitted thanks to easy installation

ORDER INFORMATION

Tipmatic Plus Click-on set	Artno.
1 set includes: 1 Tipmatic Plus Click-on adapter 1 Tipmatic Plus ejector 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw 1 magnetic pin	F069 073 752
Tipmatic Plus Click-on adapter	Artno.
Tipmatic Plus Click-on adapter for Nexis Click-on hinges	F069073 751
Tipmatic Plus ejector	Artno.
Tipmatic Plus ejector for Tipmatic Plus Click-on adapter	F069135060
Linear adapter plate for magnetic pin	Artno.
 Design solution, also in conjunction with inset doors Fixing with wood screws (Ø 3.5 x 13 mm) 	F069073696
Frame adapter plate for magnetic pin	Artno.
For quick retrofit installation Fixing with wood screws (Ø 3.5 x 13 mm)	F069073697
Magnetic pin and counter plates	Artno.
1 set includes: • 1 magnetic pin • 1 counter plate, self-adhesive • 1 counter plate for screw fixing, inc. screw	F069135 396

Nexis Click-on	145		
Nexis Slide-on	207		

All dimensions in millimetres





Tipmatic Plus Click-on - quick and easy to fit

NOTES

- 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).





self-closing mechanism.

Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.

Tipmatic Plus Click-on is only suitable for hinges without

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.

Thank you for your understanding.





170° TIPMATIC PLUS

For 170° wide-angle hinges without self-closing mechanism



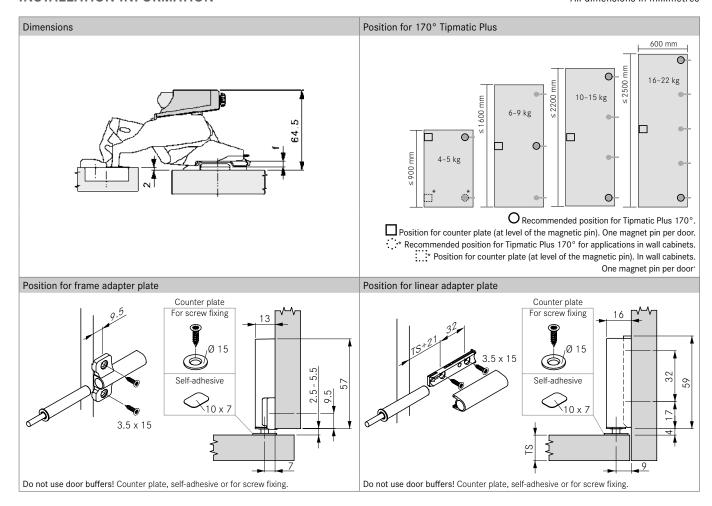
- Doors open by gently tapping the front, in a wide opening angle
- For 170° Nexis Impresso wide-angle hinges without self-closing mechanism
- For 170°Nexis Click-on wide-angle hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

OPDED INFORMATION

ORDER INFORMATION	
170° Tipmatic Plus set	Artno.
 1 set includes: 1 170° Tipmatic Plus adapter 1 Tipmatic Plus ejector 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw 1 magnetic pin 	F069135019
Tipmatic Plus Click-on adapter	Artno.
170° Tipmatic Plus adapter for Nexis Impresso and 170° Nexis Click-on wide-angle hinges	F069 135 017
Tipmatic Plus ejector	Artno.
Tipmatic Plus ejector for 170° Tipmatic Plus adapter	F069 135 060
Linear adapter plate for magnetic pin	Artno.
 Design solution, also in conjunction with inset doors Fixing with wood screws (Ø 3.5 x 13 mm) 	F069 073 696
Frame adapter plate for magnetic pin	Artno.
 For quick retrofit installation Fixing with wood screws (Ø 3.5 x 13 mm) 	F069 073 697
Magnetic pin and counter plates	Artno.
 1 set includes: 1 magnetic pin 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw 	F069 135 396

Nexis Impresso 65	112	Nexis Slide-on 65	216
Nexis Click-on 65	154		

All dimensions in millimetres





170° Tipmatic Plus- quick and easy to fit

- 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.
- 2 Press down the Tipmatic Plus 170° adapter until it engages with an audible click.

NOTES

170° Tipmatic Plus is only suitable for hinges without self-closing mechanism.

Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.

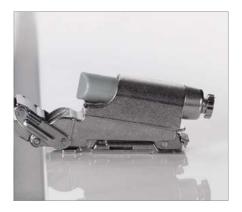
GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system.

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.

Thank you for your understanding.

TIPMATIC PLUS MIRRO

For Nexis Click-on Mirro hinges without self-closing mechanism



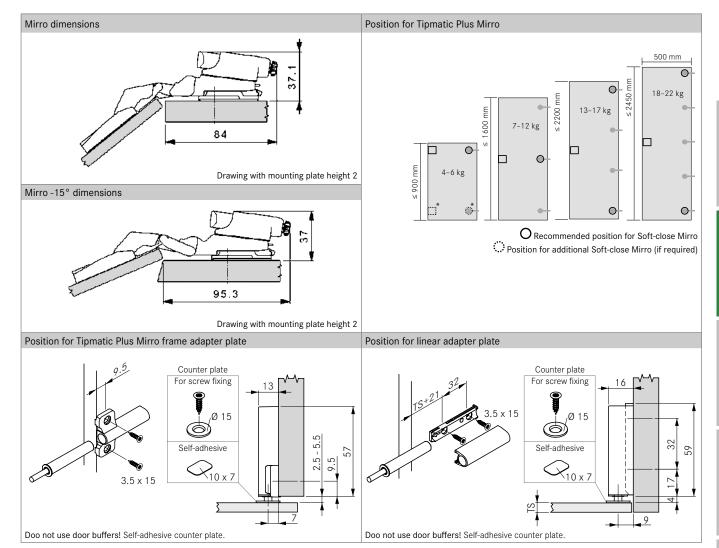
- Doors open by gently tapping the front, in a wide opening angle
- For Nexis Mirro and Nexis Mirro -15° hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

ORDER INFORMATION

ORDER INFORMATION	
Tipmatic Plus Mirro set	Artno.
1 set includes: 1 Tipmatic Plus Mirro adapter 1 Tipmatic Plus ejector 1 counter plate, self-adhesive 1 magnetic pin	F069073 746
Tipmatic Plus Mirro adapter	Artno.
Tipmatic Plus Mirro adapter for Nexis Click-on Mirro hinges	F069 135 304
Tipmatic Plus ejector	Artno.
Tipmatic Plus ejector for Tipmatic Plus Mirro adapter	F069 135 060
Linear adapter plate for magnetic pin	Artno.
 Design solution, also in conjunction with inset doors Fixing with wood screws (Ø 3.5 x 13 mm) 	F069073696
Frame adapter plate for magnetic pin	Artno.
For quick retrofit installation Fixing with wood screws (Ø 3.5 x 13 mm)	F069 073 697
Magnetic pin and counter plate	Artno.
1 set includes: 1 magnetic pin 1 counter plate, self-adhesive 1 counter plate for screw fixing, inc. screw	F069 135 396

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

All dimensions in millimetres





1









Tipmatic Plus Mirro - quick and easy to fit

- 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.
- 2 Push the Tipmatic Plus Mirro adapter back until it engages with an audible click.

NOTES

Tipmatic Plus Mirro is only suitable for hinges without self-closing mechanism.

Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.

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.

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	Artno.
Hole edge cover 1 mm Hole drilled into cabinet front edge Plastic RAL 7036, platinum grey Includes self-adhesive plate, screw-on plate and screw	min. 60	F069 135 396

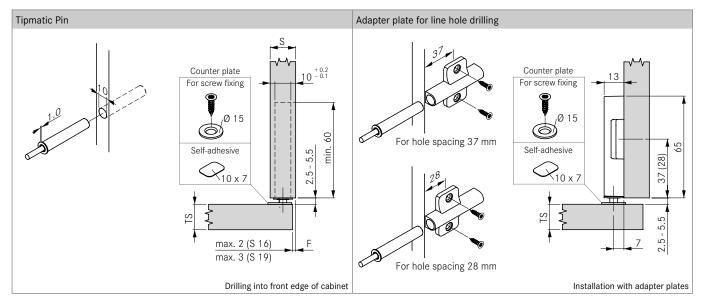
Adapter plate for line hole drilling	For screw fixing	Artno.
 Suitable for 28 and 37 mm hole spacing Fixing with special Euro screws (Ø 6.3 x 13.5 mm) or chipboard screws (Ø 3.5 x 13) Plastic RAL 7035, light grey 	37 (28) Ø 3,5 x 13 Ø 6,3x13,5	F069063 310

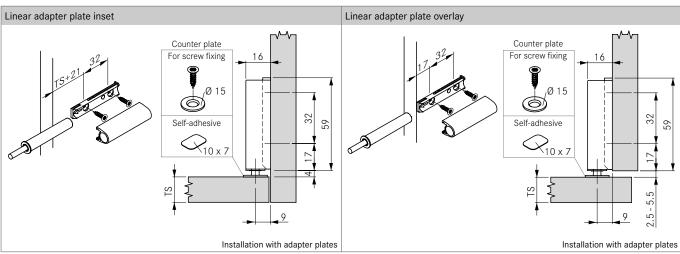
Frame adapter plate	For screw fixing	Artno.
 For quick retrofit installation Fixing with chipboard screws (Ø 3.5 x 13 mm) Plastic RAL 7035, light grey 	9.5 Ø 3.5 x 13	F069 073 697

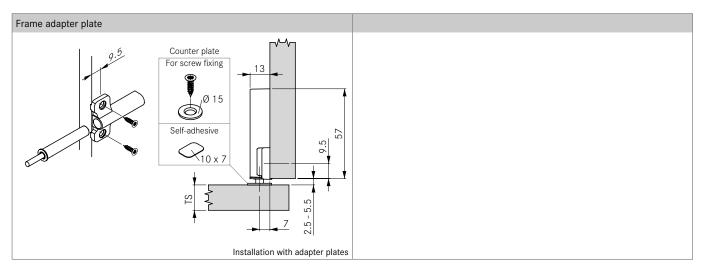
Linear adapter plate	For screw fixing		Artno.
 Design solution – also in conjunction with inset doors Fixing with chipboard screws (Ø 3.5 x 13 mm) Plastic RAL 7035, light grey 	17 32	Ø 3.5 x 13	F069 073 696

Nexis Impresso	103	Nexis Slide-on	207
Nexis Click-on	145	Installation instructions	282

PLANNING AND INSTALLATION INSTRUCTIONS







LEGEND

F Reveal

S Cabinet side wall

TS Door thickness

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	Artno.
Hole edge cover 1 mm Hole drilled into cabinet front edge Plastic RAL 7035, light grey Includes self-adhesive plate, screw-on plate and screw	min. 60	F069135061

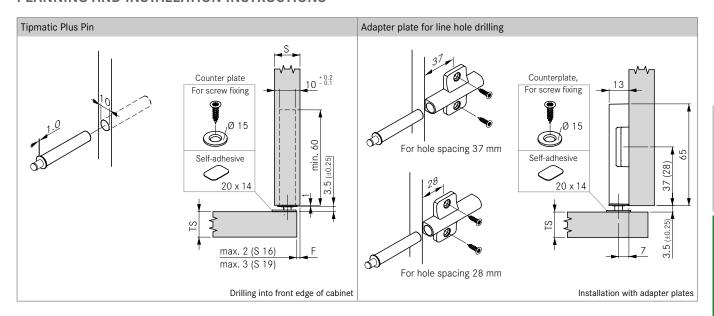
Adapter plate for line hole drilling	For screw fixing	Artno.
 Suitable for 28 and 37 mm hole spacing Fixing with special Euro screws (Ø 6.3 x 13.5 mm) or chipboard screws (Ø 3.5 x 13) Plastic RAL 7035, light grey 	37 (28) Ø 3,5 x 13 Ø 6,3x13,5	F069063 310

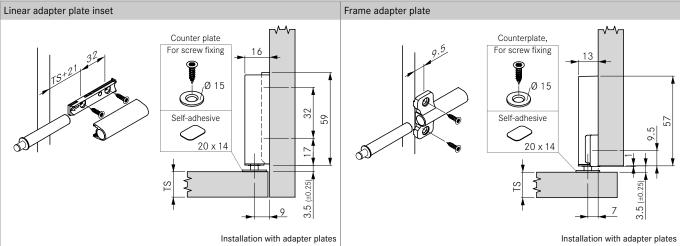
Frame adapter plate	For screw fixing	Artno.
 With positioning aid for quick retrofit installation Fixing with chipboard screws (Ø 3.5 x 13 mm) Plastic RAL 7035, light grey 	9.5 Ø 3.5 x 13	F069 073 697

Linear adapter plate	For screw fixing		Artno.
 Design solution – also in conjunction with inset doors Fixing with chipboard screws (Ø 3.5 x 13 mm) Plastic RAL 7035, light grey 	17 32	Ø 3.5 x 13	F069 073 696

Nexis Impresso	103	Nexis Slide-on	207
Nexis Click-on	145	Installation instructions	282

PLANNING AND INSTALLATION INSTRUCTIONS





NOTE

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

LEGEND

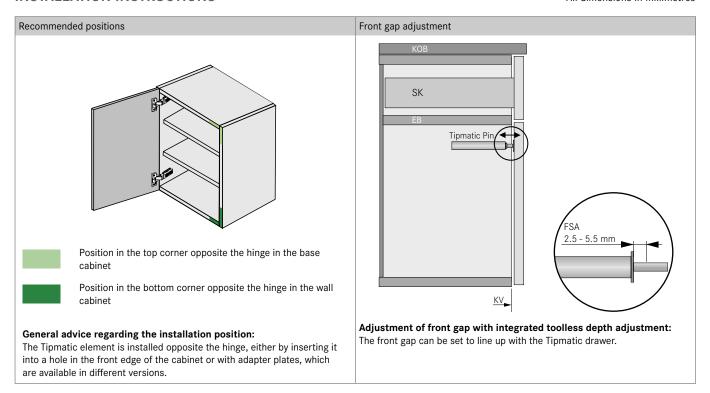
F Reveal

S Cabinet side wall

TS Door thickness

INSTALLATION INSTRUCTIONS

All dimensions in millimetres



Tipmatic	278		

LEGENL	-	LE	G	E	N	L
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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.



Hinges for special applications.

Where customised solutions are in demand.

Opening angle		Product description	Full overlay	Overlaying	Half overlay	Inset	Page
90°	(MI)	Tiomos flap hinge • Flap thickness from 14 to 21 mm • Cup hole 35 mm • 3-dimensional adjustment	-		-	-	286
90°	MI	Tiomos flap hinge • Flap thickness from 22 to 30 mm • Cup hole 35 mm • 3-dimensional adjustment	-		-	-	288
105°		Tiomos H Concealed hinge system for wooden doors With integrated damper J-dimensional adjustment	-		-	-	290
105°		Tiomos H AL Concealed hinge system for aluminium frame doors With integrated damper J-dimensional adjustment	-		-	-	292
90°		Mini-hinge A 90/E 90 Direct mounting on cabinet side wall Cup diameter 26 mm Ideal for narrow-frame doors		-			294
92°	G	Glass door hinge A 90GL/E 90GL Direct mounting on cabinet side wall Cup diameter 26 mm Ideal for display cabinets	-	-			296
180°		 180° glass door hinge For glass thicknesses from 4 to 6 mm Direct mounting on cabinet side wall For mounting to the door without drill hole 	-	_	-		298
210°	Sign.	Glass door hinge +30/-30 • For glass thicknesses from 5 to 6 mm • Universal for cabinet angles from +30° to -30° • For mounting to the door without drill hole		-	-	-	300

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		Mat	erial	Artno.	
Door overlay		Cup	Arm	For screw fixing	
Overlaying		Zamak, nickel-plated	Zamak, nickel-plated	F053 139 671	
Overlaying		Zamak, night	Zamak, night	F053 139 677	

COVER CAPS

Designation	Artno.
Hinge arm cover cap, steel, nickel-plated	F053 139 675
Hinge arm cover cap, steel, night	F053 139 683

LINEAR ADAPTER PLATES

	Designation	Artno.
	Linear adapter plate, 1.5 mm, nickel-plated	F053 139 676
V Jan	Linear adapter plate, 1.5 mm, night	F053 139 684
	Adapter plate, 7 mm, nickel-plated	F053 139 688
	Adapter plate, 7 mm, night	F053 139 689

KINVARO D FLAP STAY

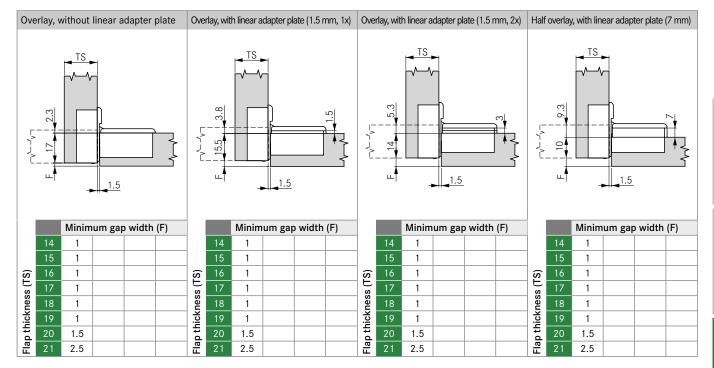
Kinvaro D-S flap stay and Kinvaro D-M flap stay with cover cap (further information available in the Kinvaro catalogue and at www.grass.eu)



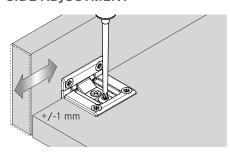
Designation	Spring	Colour	Artno.
Kinvaro D-S flap stay incl. front holder and fixing screws	40N	White	F053139664
	4011	Night	F053139665
	(ON	White	F053139666
	60N	Night	F053139667
Kinvaro D-M flap stay incl. front holder and fixing screws	60N	Grey	F053139661
	100N	Grey	F053139662
	160N	Grey	F053139686
	200N	Grey	F053139687
0 ()(() D.M.		White	F053139668
Cover cap for Kinvaro D-M		Night	F053139669
White, Night, Smoke		Smoke	F053139670

Assembly technology	328		

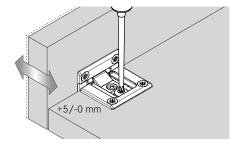
All dimensions in millimetres



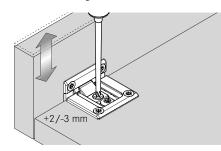
SIDE ADJUSTMENT



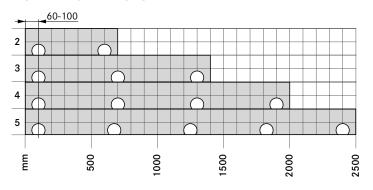
DEPTH ADJUSTMENT



HEIGHT ADJUSTMENT



NUMBER OF HINGES

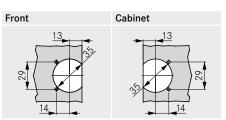


NOTES

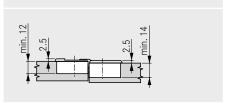
Use chipboard screws Ø 3.5 x 15 mm (not included in the delivery) to attach the hinge to the flap and base panel.

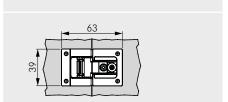
Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS



CUP DIMENSIONS





TIOMOS FLAP HINGE

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



- Modern design
- $\bullet\,$ 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	F053 139 672	
Overlaying		Zamak, night	Zamak, night	F053 139 678	

COVER CAPS

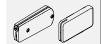
	Designation	Artno.
\sim	Hinge arm cover cap, steel, nickel-plated	F053 139 675
	Hinge arm cover cap, steel, night	F053 139 683

LINEAR ADAPTER PLATES

	Designation	Artno.
	Linear adapter plate, 1.5 mm, nickel-plated	F053 139 676
V Jan	Linear adapter plate, 1.5 mm, night	F053 139 684
	Adapter plate, 7 mm, nickel-plated	F053 139 688
	Adapter plate, 7 mm, night	F053 139 689

KINVARO D FLAP STAY

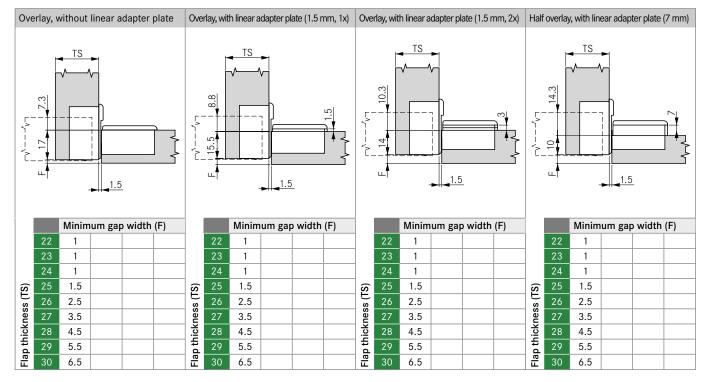
Kinvaro D-S flap stay and Kinvaro D-M flap stay with cover cap (further information available in the Kinvaro catalogue and at www.grass.eu)



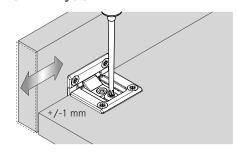
Designation	Spring	Colour	Artno.
	40N	White	F053139664
Kinvaro D-S flap stay	40N	Night	F053139665
incl. front holder and fixing screws	CON	White	F053139666
	60N	Night	F053139667
	60N	Grey	F053139661
Kinvaro D-M flap stay incl. front holder and fixing screws	100N	Grey	F053139662
	160N	Grey	F053139686
	200N	Grey	F053139687
0 ()()		White	F053139668
Cover cap for Kinvaro D-M		Night	F053139669
White, Night, Smoke		Smoke	F053139670

Assembly technology	328		

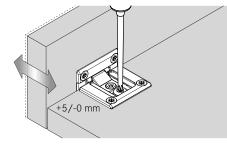
All dimensions in millimetres



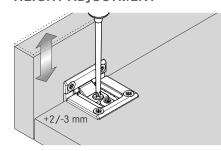
SIDE ADJUSTMENT



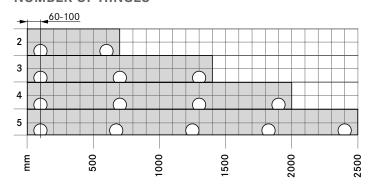
DEPTH ADJUSTMENT



HEIGHT ADJUSTMENT



NUMBER OF HINGES

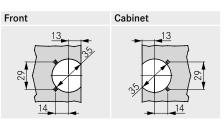


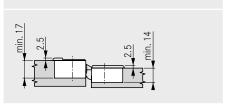
NOTES

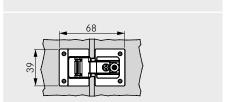
Use chipboard screws Ø 3.5 x 15 mm (not included in the delivery) to attach the hinge to the flap and base panel.

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS







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

Dearrament			Matarial	Coope of delivery	Art.	no.	
Door overlay			wateriai	Material Scope of delivery		Tipmatic Plus	
Overlaying			Zamak, nickel-plated	Tiomos H (2x) Cover cap (2x) Screw set (1x)	F051 139 126	F051140 926	
Overlaying		*	Zamak, night	Tiomos H (2x) Cover cap (2x) Screw set (1x)	F051 139 125	F051140 927	

Door overlay		Material	Position	Artno.	
Door overlay		iviaterial	FOSILIOII	Soft-close	Tipmatic Plus
Overlaying	8	Zamak, nickel-plated	F053 140 954	F053 140 916	
	de			F053 140 955	F053 140 917
Overlaying	4	Zamak,		F053140952	F053 140 914
		night		F053140953	F053140915

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

COVER CAPS

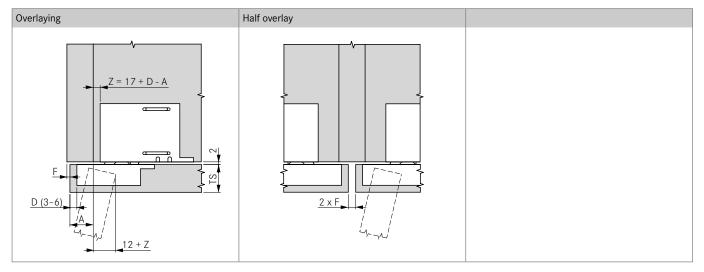
Designation	Artno.
Hinge cover cap, plastic, grey	F072140921
Hinge cover cap, plastic, night	F072140920

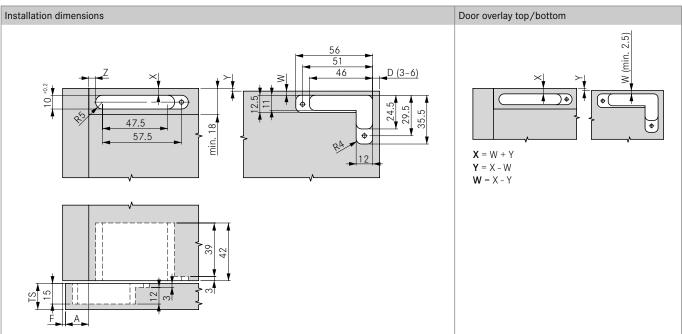
	Designation	Artno.
5000	Tipmatic Plus Pin for handle-free furniture doors	F069 135 061
E Dans	Tiomos H wood screw set for door connection, nickel-plated	F072 140 912

	Designation	Artno.
Bayan	Tiomos H wood screw set for door connection, night	F072 140 913

Assembly technology	328
omatic Plus Pin	280

All dimensions in millimetres





MINIMUM GAP WIDTH (F)

		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	
(S)	28.0	2.1	2.0	2.0	1.9	
ss (26.0	1.4	1.4	1.3	1.3	
ç	24.0	0.9	0.9	0.8	0.8	
Pic l	22.0	0.5	0.5	0.5	0.5	
Door thickness (TS)	20.0	0.2	0.2	0.2	0.2	
å	18.0	0.0	0.0	0.0	0.0	
		Minim	ium gaj	o width	ı (F)	

LATERAL DOOR OVERLAY

		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	
<u>a</u>	17.0	3	4	5	6	
\ e	16.0	4	5	6		
Door overlay (A)	15.0	5	6			
8	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	Coope of delivery	Artno.		
		Material	Scope of delivery	Soft-close	Tipmatic Plus	
Overlaying			Zamak, nickel-plated	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	F051139128	F051 140 924
Overlaying		4	Zamak, night	Tiomos H AL (2x), corner connector (4x), cover cap (2x), screw set (1x)	F051139148	F051140925

Door overlov			Material	Position	Artno.	
Door overlay	Door overlay		iviateriai	FOSILIOII	Soft-close	Tipmatic Plus
Overlaving			Zamak,		F053 140 954	F053 140 916
Overlaying		de la constant de la	nickel-plated		F053140955	F053140917
Overleving			Zamak,		F053140952	F053140914
Overlaying			night		F053 140 953	F053140915

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

COVER CAPS

	Designation	Artno.
	Hinge cover cap, plastic, grey	F072 140 921
	Hinge cover cap, plastic, night	F072 140 920

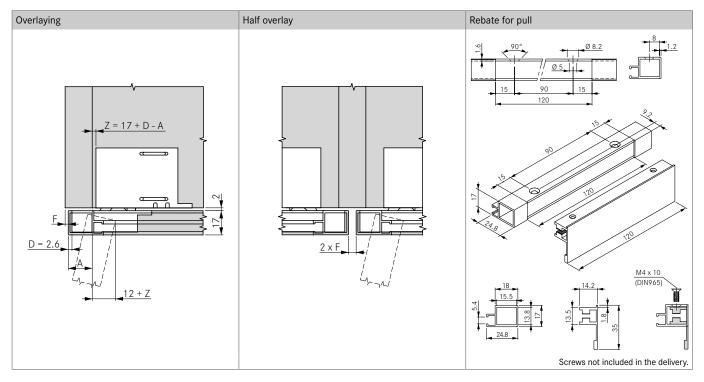
ALUMINIUM FRAME

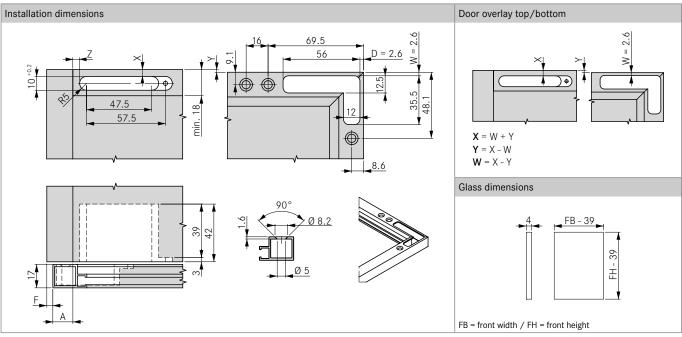
Designation	Artno.
Tiomos H AL aluminium profile, 3000 mm, peltro (anodised, tin colour finish), incl. sealing profile	F051 139 127
Tiomos H AL aluminium profile, 3000 mm, not treated, incl. sealing profile	F051140922
Tiomos H AL corner connector, Zamak, left	F072 140 919
Tiomos H AL corner connector, Zamak, right	F072 140 918
Tiomos H AL aluminium pull, 120 mm, peltro (anodised, tin colour finish)	F072 135 955
Tiomos H AL aluminium pull, 120 mm, not treated	F072140923

	Designation	Artno.
500	Tipmatic Plus Pin for handle-free furniture doors	F069 135 061
	Countersunk screw, M4 x 10 mm, PH, night	F072 3135 967

Designation	Artno.

All dimensions in millimetres





MINIMUM GAP WIDTH (F)

		D					
		2.6					
	32.0	4.7					
	30.0	3.1					
3	28.0	2.1					
ss (26.0	1.4					
ü	24.0	0.9					
ļģ.	22.0	0.5					
Door thickness (TS)	20.0	0.2					
۱ĕ	18.0	0.0					
	Minimum gap width (F)						

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

LATERAL DOOR OVERLAY

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

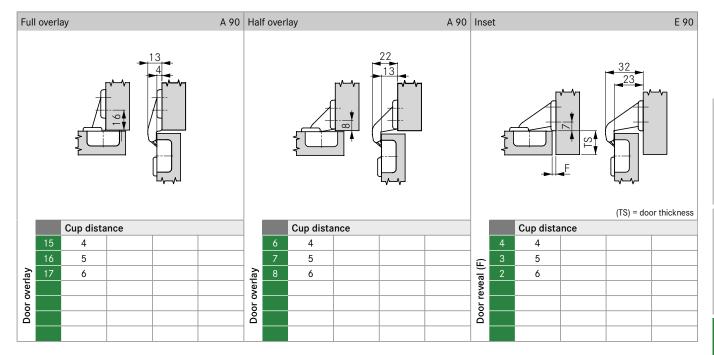


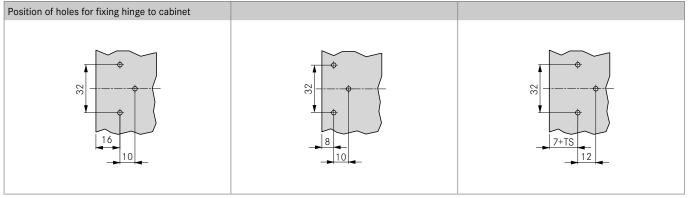
- 90° opening angle
- With Ø 26 mm cup hole, ideal for doors with narrow frames
- One-piece hinge
- 3-point fixing on cabinet is possible
- Height adjustment by means of slots

Door overlay		Material		Art.	-no.
Door overlay		Cup	Arm	Screw fixing	
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	F078 073 814	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	F078 073 813	
Inset		Steel, nickel-plated	Zamak, nickel-plated	F078073812	

Installation technology	328	

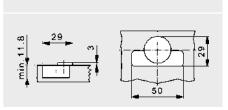
All dimensions in millimetres





DRILLING PATTERNS

Version for screw fixing



GLASS DOOR HINGE A 90GL/E 90GL

With direct mounting on cabinet sidewall



- $\bullet\,$ 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		ovorlov		Material		-no.
Door overlay			Cup	Arm		
Half overlay			Plastic, black	Zamak, nickel-plated	F078 073 786	
Inset			Plastic, black	Zamak, nickel-plated	F078 073 787	

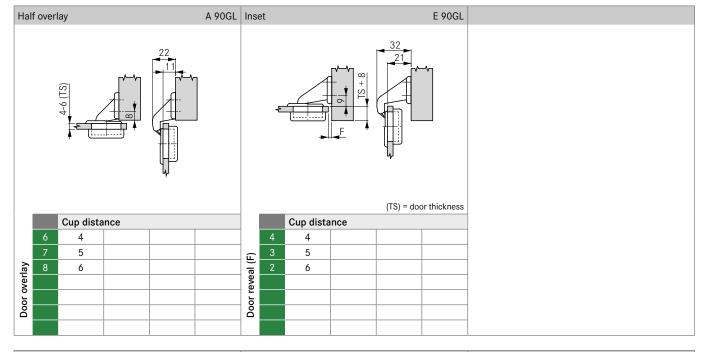
DECORATIVE COVER CAPS

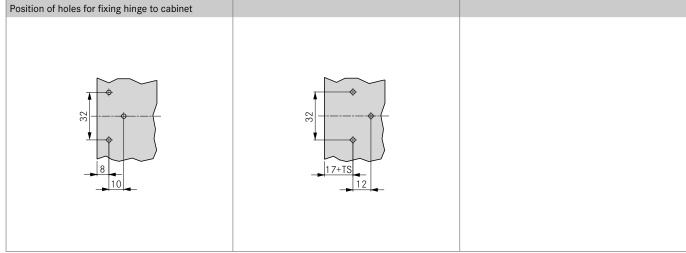
	Designation	Artno.
	Nickel velour	F069073420
	Nickel polished, eroded	F069073421
	Brass polished, eroded	F069073422
	Brass velour	F069073423
	Silver RAL 9006	F069073410
	Black	F069073424

	Designation	Artno.
	Nickel velour	F069073425
	Stainless steel	F069073426
	Nickel polished, eroded	F069073414
	Brass polished, eroded	F069 073 427
	Silver RAL 9006	F069 073 417
	Black	F069073428
	Chrome finish	F069073419

Installation technology	328		

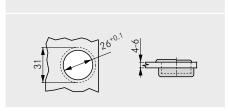
All dimensions in millimetres

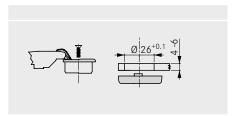




DRILLING PATTERNS

39





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

Deer everley		Position		Material		Artno.	
Door overlay			Position	Cup	Arm		
Inset		2		Zamak, nickel- plated	Zamak, nickel- plated	F078 073 792	

¹ Left at the top / right at the bottom

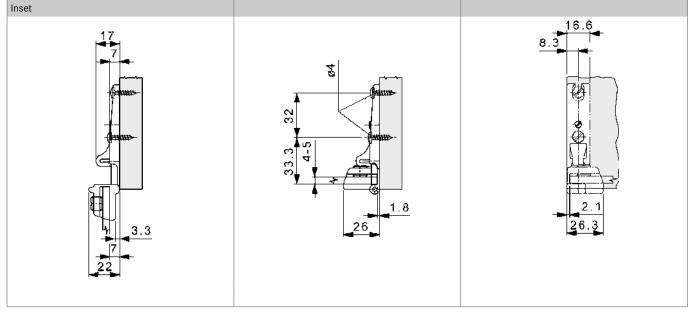
PULL

	Designation	Artno.
6	Zamak, nickel-plated, fixing with self-adhesive pad	F069 073 457

Installation technology	328		

 $^{^{\}rm 2}$ Right at the top / left at the bottom

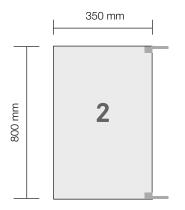
All dimensions in millimetres



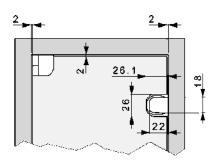




NUMBER OF HINGES



PULL POSITION



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 kg/dm³ = 4.2 kg with 6 mm glass thickness

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		Mat	erial	Artno.	
Door overlay			POSITION	Cup	Arm		
				Zamak, nickel- plated	Zamak, nickel- plated	F078 073 783	
Full overlay		2		Zamak, nickel- plated	Zamak, nickel- plated	F078 073 785	

¹ Left at the top / right at the bottom

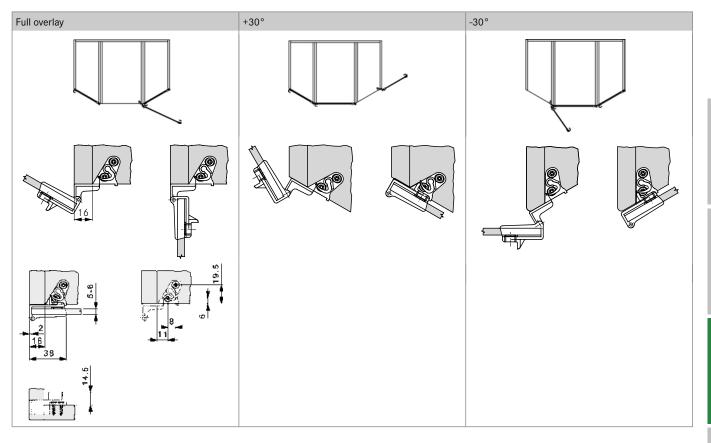
PULL

Designation	Artno.
Zamak, nickel-plated, fixing with self-adhesive pad	F069 073 457

Installation technology	328		

² Right at the top / left at the bottom

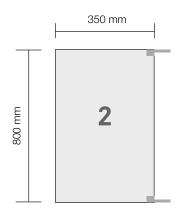
All dimensions in millimetres



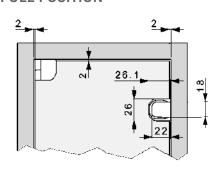




NUMBER OF HINGES



PULL POSITION



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 kg/dm³ = 4.2 kg with 6 mm glass thickness

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.



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°		Single-joint hinge MB-20 • Reveals (7.5/8/13.5 mm) • Height adjustment					304
270° 180°		Single-joint hinge MB-6010 • Extremely narrow reveals (3 mm) • Tool-free clip fitting of door • Direct reveal and height adjustment				-	306
230° 180°		Single-joint hinge MB-6010 Narrow reveals (6/12.5 mm) Tool-free clip fitting of door Direct reveal and height adjustment			-		308
270°		Single-joint hinge MB-8010 Narrow reveals (4 mm) Tool-free clip fitting of door Direct reveal and height adjustment		-	-	-	310
230° 180°		Single-joint hinge MB-8010 Reveals (8/13.5 mm) Tool-free clip fitting of door Direct reveal and height adjustment	-		-		312
270°	(beat)	Single-joint hinge MB-8320 Reveals (4 mm) Tool-free clip fitting of door Height adjustment via a cam		-	-	-	314

Soft-close Pin • Pneumatic damper	316	
Technical information	318	
Installation technology	328	

SINGLE-JOINT HINGE MB-20

For narrow reveals



- \bullet 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 ±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	Artno.
Full overlay (19 mm cabinet side) Reveal 7 mm	MB-20/581	Zamak, nickel-plated	F150000005
Half overlay (19 mm cabinet side) Reveal 13.5 mm	MB-20/531	Zamak, nickel-plated	F150000003
Twin fitting (19 mm cabinet side) Reveal 8 mm	MB-20/532	Zamak, nickel-plated	F150000004
Twin fitting (22 mm cabinet side) Reveal 8 mm	MB-20/542	Zamak, nickel-plated	F150146061
Inset Reveal 1-8 mm	MB-20/501	Zamak, nickel-plated	F150146068

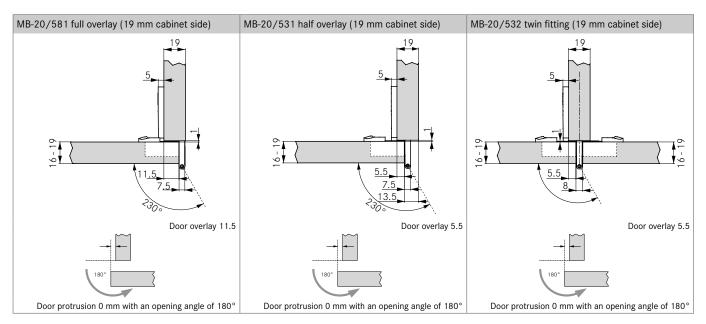
HINGE CUP

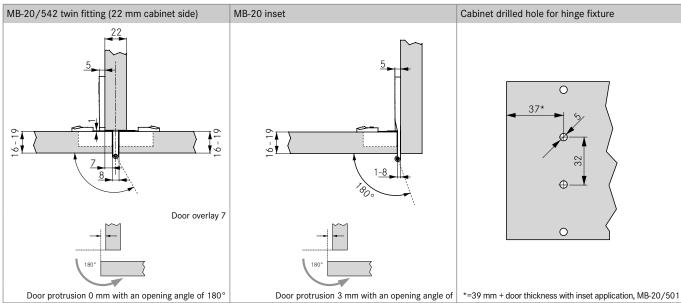
	For screw fixing	For press fitting
Hinge cup - suitable for MB-20, 45/9.5	F150 146 079	F150 146 077
Hinge cup - suitable for MB-20, 52/5.5	F150000002	F150000001

	Designation	Material	Artno.
m	Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150 145 235
un	Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316	Installation technology	328	
Technical information	318			

All dimensions in millimetres



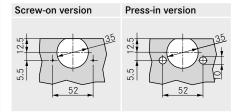


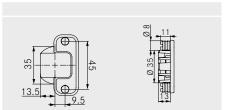


DRILLING PATTERNS 45/9.5

Screw-on version Press-in version

DRILLING PATTERNS 52/5.5





SINGLE-JOINT HINGE MB-6010

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 ±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	Artno.
Full overlay (19 mm cabinet side) Reveal 3 mm	MB-6310	Zamak, nickel-plated	F150000009
Full overlay (16 mm cabinet side) Reveal 3 mm	MB-6210	Zamak, nickel-plated	F150000008
Inset Reveal 3 mm	MB-6110	Zamak, nickel-plated	F150000007

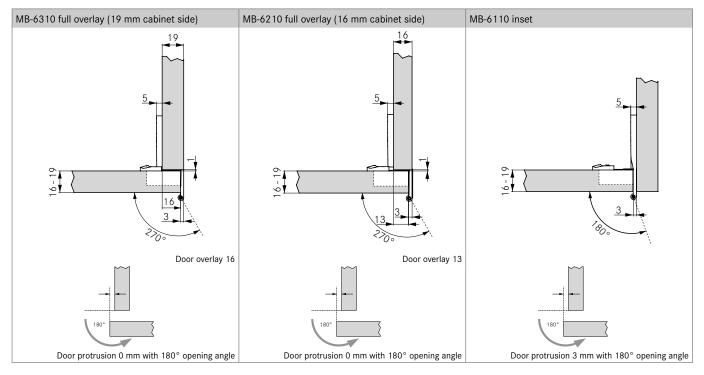
HINGE CUP

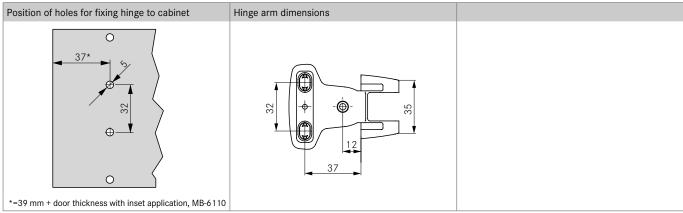
	Screw fixing	Press fitting
Hinge cup - suitable for MB-6000/MB-8000	F150000006	F150000021

Designation	Material	Artno.
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	F150000018
Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F150000017
Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F150000019
Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F150000020
Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150145235
Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316	Installation technology	328	
Technical information	318			

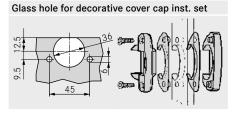
All dimensions in millimetres

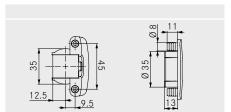




DRILLING PATTERNS

Version for screw fixing Version for press fitting





SINGLE-JOINT HINGE MB-6010

For narrow reveals



- 230 $^{\circ}$ / 180 $^{\circ}$ 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-6810	Zamak, nickel-plated	F150000012	
Half overlay Reveal 12.5 mm		MB-6510	Zamak, nickel-plated	F150000010	
Twin fitting Reveal 6 mm		MB-6610	Zamak, nickel-plated	F150000011	

HINGE CUP

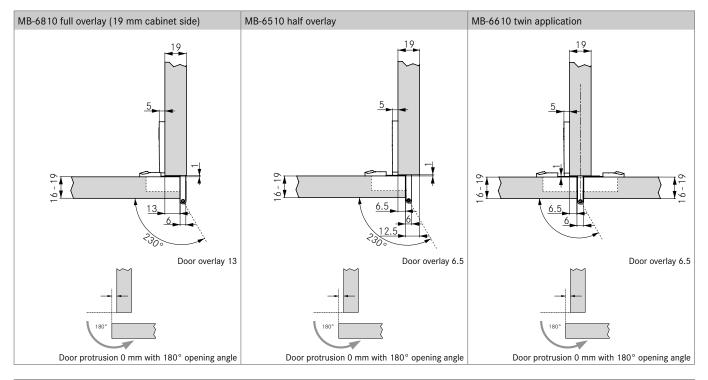
	Screw fixing	Press fitting
Hinge cup - suitable for MB-6000/MB-8000	F150000006	F150000021

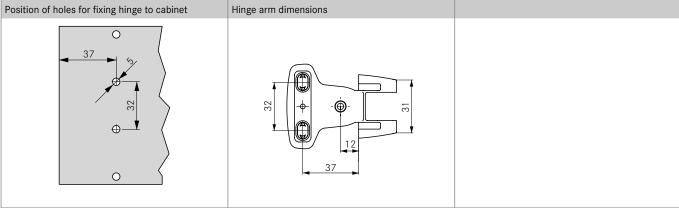
	Designation	Material	Artno.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F150000018
Bel	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F150000017
4	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F150000019
4	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F150000020
	Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150145235
	Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316
Technical information	318

Installation technology	328	

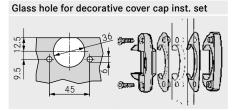
All dimensions in millimetres

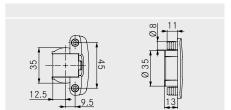




DRILLING PATTERNS

Version for screw fixing Version for press fitting





SINGLE-JOINT HINGE MB-8010

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	Artno.
Full overlay (19 mm cabinet side) Reveal 4 mm		MB-8310	Zamak, nickel-plated	F150000014
Full overlay (16 mm cabinet side) Reveal 4 mm		MB-8210	Zamak, nickel-plated	F150000013

HINGE CUP

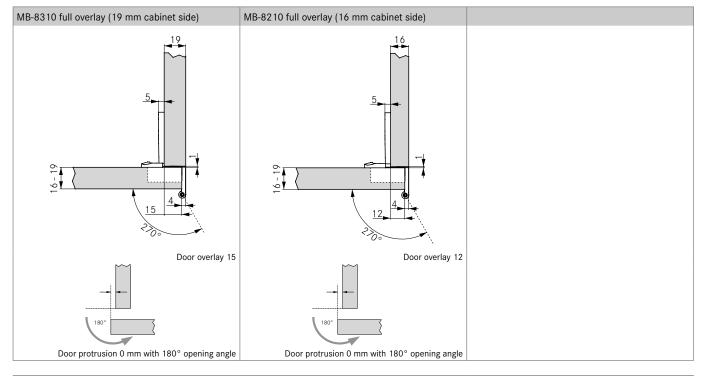
	Screw fixing	Press fitting
Hinge cup - suitable for MB-6000/MB-8000	F150000006	F150000021

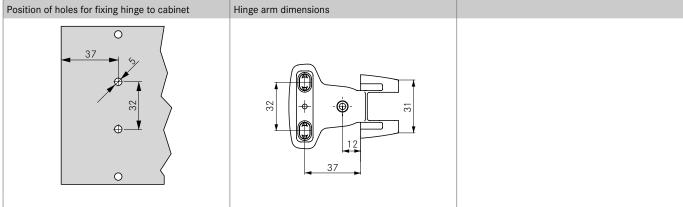
	Designation	Material	Artno.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F150000018
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F150000017
de FI	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F150000019
de F	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F150000020
	Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150 145 235
	Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316
Technical information	318

Installation technology	328	

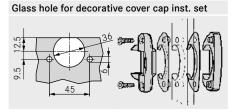
All dimensions in millimetres

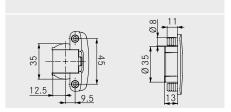




DRILLING PATTERNS

Version for screw fixing Version for press fitting





SINGLE-JOINT HINGE MB-8010

Suitable for heavy doors



- $230^{\circ}/180^{\circ}$ opening angle
- Reveal 8/13.5 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ±2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately
- For a twin application for one hinge arm, 2 cups are required

ORDER INFORMATION

HINGE ARM

Door overlay	Designation	Material	Artno	
Half overlay (19 mm cabinet side) Reveal 13.5 mm	MB-8510	Zamak, nickel-plated	F150000015	
Twin application (19 mm cabinet side) Reveal 8 mm	MB-8610	Zamak, nickel-plated	F150000016	

HINGE CUP

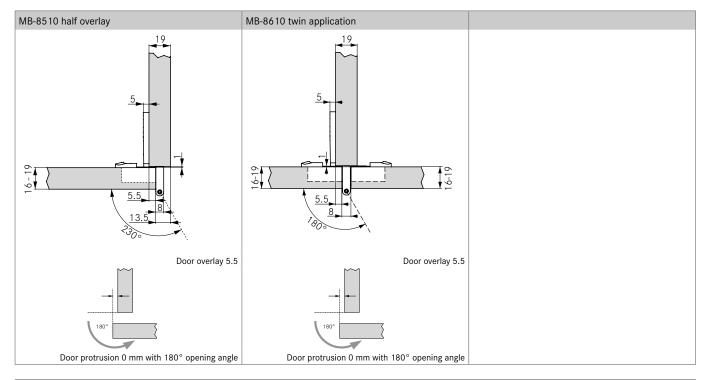
	Screw fixing	Press fitting
Hinge cup - suitable for MB-6000/MB-8000	F150000006	F150000021

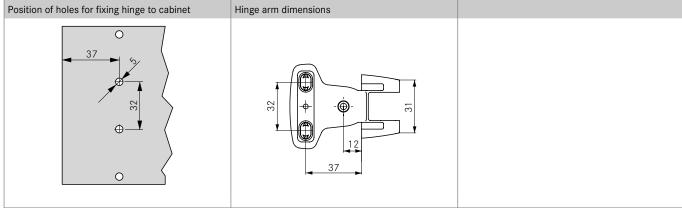
	Designation	Material	Artno.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F150000018
3	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F150000017
4	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F150000019
dest	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F150000020
	Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150 145 235
	Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316
Technical information	318

Installation technology	328	

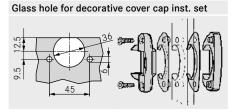
All dimensions in millimetres

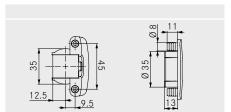




DRILLING PATTERNS

Version for screw fixing Version for press fitting





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 ±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	F150 145 167	

HINGE CUP

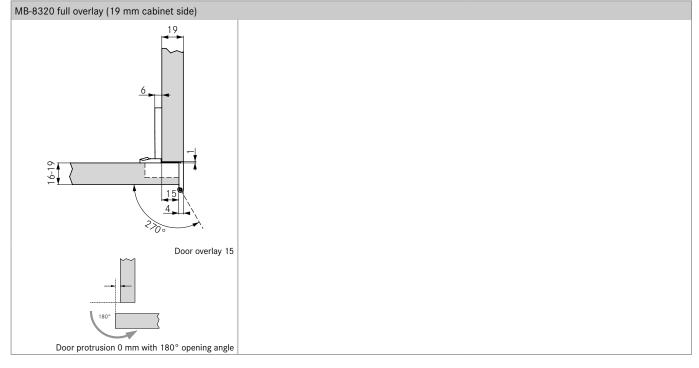
	Screw fixing	Press fitting
Hinge cup - suitable for MB-6000/MB-8000	F150000006	F150000021

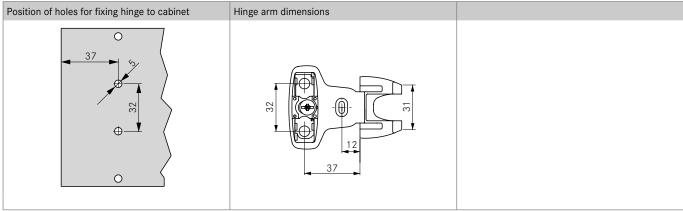
Designation	Material	Artno.
Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F150000018
Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F150000017
Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F150000019
Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F150000020
Euro collar screws, nickel-plated, Ø 6.3 x 10.5 mm	-	F150145235
Euro collar screws, nickel-plated, Ø 6.3 x 13.5 mm	-	F150 145 234

Soft-close Pin	316
Technical information	318

Installation technology	328	

All dimensions in millimetres

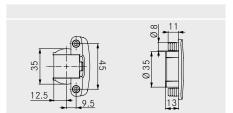




DRILLING PATTERNS

Version for screw fixing Version for press fitting

Glass hole for decorative cover cap inst. set



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

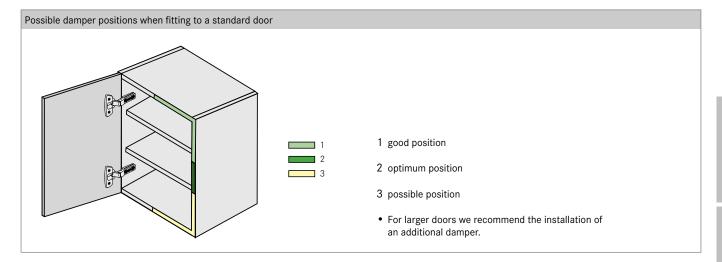
Soft-close Pin	Fitting into a drill hole	Artno.
 Hole drilled into cabinet front edge For perfect appearance Housing: plastic, anthracite Piston: light grey 	10 ⁻²⁷ 1.0	F069066528

Adapter plate for line hole drilling	Euro screws	Artno.
 Suitable for hole spacing 28 mm and 37 mm Fixing with Euro screws (6.3 x 13.5) Plastic, light grey 	32	F069063 310

Pin adapter Tipmatic Plus	Screw fixing	Artno.
 For quick retrofit installation Fixing with wood screws (3.5 x 13) Plastic, light grey 	32	F069 073 697

Pin linear adapter Tipmatic Plus	Screw fixing	Artno.
 Design solution – also in conjunction with inset doors Fixing with wood screws (3.5 x 13) Plastic, light grey 	32 17	F069 073 696

All dimensions in millimetres



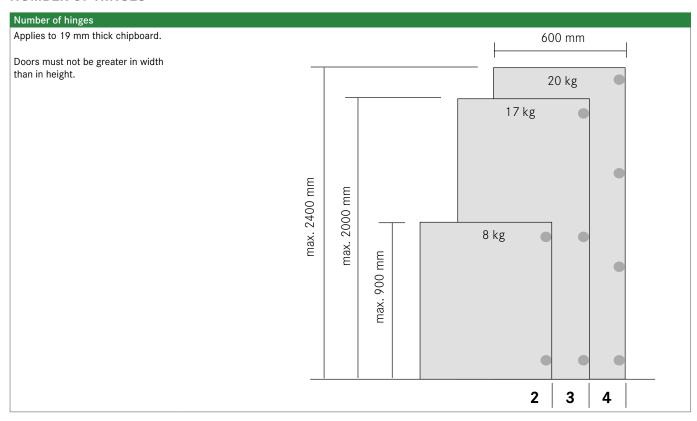
LEGEND

BT Drilling depth

SINGLE-JOINT HINGES

Technical information

NUMBER OF HINGES



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

Side adjustment MB-6010, MB-8010

With this screw, the reveal can be directly adjusted.

Adjustment range -2 mm.



Height adjustment MB-6010, MB-8010

Adjustment via slots by breaking out the two pins below the Euro screws. Adjustment range +/-2 mm. Following adjustment, set 3rd screw.



Side adjustment MB-8320

With this screw, the reveal can be directly adjusted.
Adjustment range -2 mm.



Direct height adjustment MB-8320

Adjustment via screw. Adjustment range +/-2 mm. Release 3rd screw before adjustment; re-tighten following the adjustment.





From shelf supports, connecting screws, door buffers through to corner connectors – everything necessary for cabinet making.



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
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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

Designation		Material	Artno.
Shelf support for fixing with wood screws (length 13 mm, Ø 3.5 mm)		Zamak, nickel- plated	F148043 028
Shelf support for fixing with Euro screws (length 13 mm, Ø 6.2 mm) BT- drilling depth		Zamak, nickel- plated	F148043 036
Housing	0 10 0 8 252	Plastic, white	F148043 056
Expanding pin (for housing)	7 9.5 9.5 32	Steel, zink-plated	F148043 053

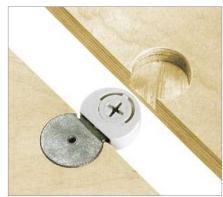
Installation technology	328		

Designation			Material	Artno.
Shelf support		22.75	Zamak, nickel- plated	F069 073 459
Shelf support		Ø 10 C C C C C C C C C C C C C C C C C C	Zamak, nickel- plated	F069 073 460
Shelf support		8	Zamak, nickel- plated	F069 073 464
Shelf support			Zamak, nickel- plated	F069 073 463
Shelf support		210 25 20 20 20 20 32 32 3.7	Zamak, nickel- plated	F069 073 461
Euro screw, Ø 6.3 x 10.5 mm	.eeaa~a	3. ANN (\$)	nickel-	F146073979
Euro screw, Ø 6.3 x 13 mm	anning.	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	plated	F069135297
Countersunk wood screw, Ø 3.5 x 15 mm	THE REAL PROPERTY OF THE PARTY	5 15 27	nickel- plated	F146 073 976

Installation technology	328

Mitre joint fasteners, front panel adjuster, door buffers





Designation			Material	Artno.
Mitre joint fastener		0E vim min. 12 min. 40 max. 44	Zamak, natural	F069 073 454
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 12 mm		50 E	Zamak, natural	F069 073 453
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 20 mm		24 12 08 8	plastic, white	F06 9 073 452

Installation technology	328		



ORDER INFORMATION

Designation			Material	Artno.
Front panel adjuster (Fixing with screw M4)		12.5	Plastic, black	F069 073 381
Door buffer Ø 7 mm (D), H 1.5 mm		Z ØD.	Plastic, trans- parent	F146073835
Door buffer Ø 10 mm (D), H 3 mm				F146073836

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

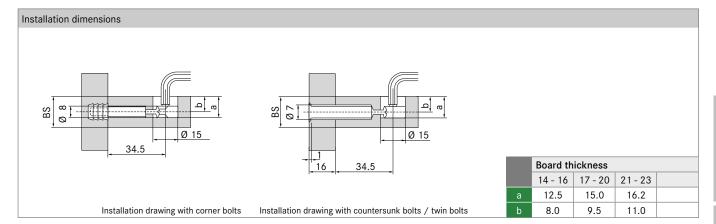
ORDER INFORMATION

Designation			Material	Artno.
Eccentric for board thickness 14 - 16 mm			Zamak,	F148043000
Eccentric for board thickness 17 - 20 mm			nickel- plated	F148043007
Eccentric for board thickness 21 - 23 mm				F148043015
Corner bolt for fixing with Euro thread Ø 6 mm		05/08/	Steel, zink-plated	F148044883
Corner bolt for fixing with dowel Ø 8 mm/M5	*	08/128	Steel, zink-plated	F148044748
Dowel Ø 8 mm/M5			Plastic, white	F071085142
Corner bolt for fixing with dowel Ø 10 mm/M6		BOLH 05	Steel, zink-plated	F148043 024
Dowel Ø 10 mm/M6			Plastic, white	F145083 050
Twin bolts for fitting in Ø 5 mm holes,			Steel,	F148044841
Twin bolts for fitting in Ø 5 mm holes		BOLS	zink-plated	F148044842

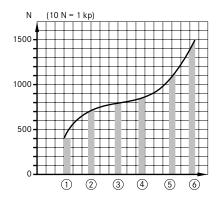
Installation technology	328		

INSTALLATION INFORMATION

All dimensions in millimetres



LOAD



- 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	Artno.
Tecmator RM, 3 spindle, 45/9.5	1 x 230 V	50 Hz	F146135852
Tecmator RM, 3 spindle, 45/9.5	1 x 110 V	60 Hz	F146135851

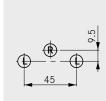
DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
50		2.7	F146 135 822	F146 135 823
GRASS		5	F146135824	F146 135 825
		8	F146 135 826	F146 135 827
	57	10	F146135828	F146 135 829
		35	-	F146 135 830

ACCESSORIES

	Description	Artno.
	Pivoting lever for insertion die	F146 135 861
	Universal insertion die for Nexis and Tiomos hinges (other dies upon request)	F146 135 821
	Side stop left or right	F146135810
	Extension ruler, 800 mm left	F146 135 957
	Extension ruler, 800 mm right	F146 135 958
A A	Quick-release chuck, left	F146 135 835
	Quick-release chuck, right	F146 135 836

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	Artno.
Tecmator RP, 6 spindle, 45/9.5	1 x 230 V	50 Hz	F146135840
Tecmator RP, 6 spindle, 45/9.5	1 x 110 V	60 Hz	F146135838
Tecmator RP, 6 spindle, 45/9.5	1 x 220 V	60 Hz	F146135839
Tecmator RP, 6 spindle, 45/9.5	3 x 380 V	50 Hz	F146135841

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

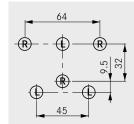
DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
77. THE STA	50	2.7	F146 135 822	F146 135 823
GRASS	57	5	F146135824	F146 135 825
		8	F146 135 826	F146 135 827
		10	F146135828	F146 135 829
	35	-	F146 135 830	

ACCESSORIES

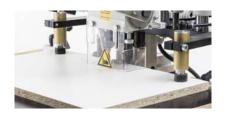
	Description	Artno.
	7 spindle vertical drilling gear with integrated rig pins for drilling hole series in the 32 mm system (drill bits not supplied)	F146 135 811
	Side stop left or right	F146 135 810
//-	Extension ruler, 800 mm left	F146 135 957
	Extension ruler, 800 mm right	F146 135 958
	Universal insertion die for Nexis and Tiomos hinges (other dies upon request)	F146 135 821
A A	Quick-release chuck, left	F146 135 835
	Quick-release chuck, right	F146 135 836

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.

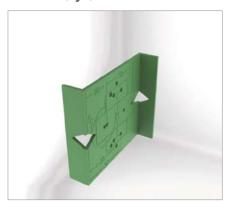
1 set includes:

- 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	Artno.
45/9.5	F146135776

MARKING JIG



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

Nexis drilling pattern	Artno.
48/9	F069073384
The state of the s	Aa
Tiomos drilling pattern	Artno.

TIOMOS COMFORT MARKING GAUGE



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

Artno.
F146135865

PUNCHING TOOL FOR NEXIS SOFT-CLOSE



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

Tiomos hinge system	11
Nexis hinge system	101

Soft-close Impresso	258
Drilling and insertion machines	328

F146095 590	

PUNCHING TOOL FOR TIOMOS



Punching tool for Tiomos linear mounting plates with dowel fixing.

Mounting plate height	Artno.
0/2/3/3.5	F146135774
12	F146 135 775

DRILL BIT Ø 5 MM WITH STOP RING



Use for pre-drilling holes for Euro screws.

- Ø 5 mm
- with stop ringLength 75 mm

Artno.	
F146092594	

PILOT DRILL BIT



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

GRASS cross head screwdriver

(Pozidriv No. 2)

	Artno.
Pilot drill bit	F146035692

SCREWDRIVER



Tiomos hinge system	11
Nexis hinge system	101

Soft-close Pin	266
Drilling and insertion machines	328

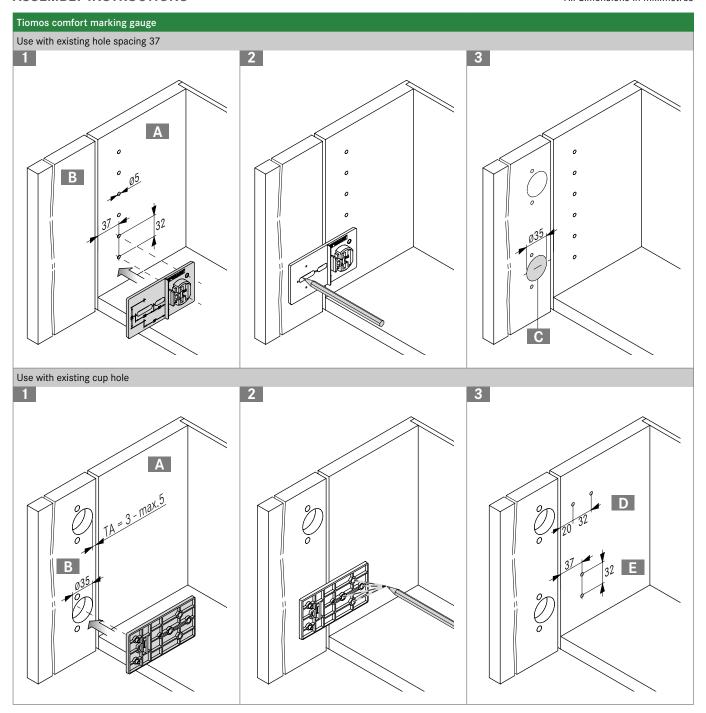
		F147 010 256
Pin	266	
insertion machines	328	

HINGE SYSTEMS

Assembly aids

ASSEMBLY INSTRUCTIONS

All dimensions in millimetres



Tiomos hinge system	11
Nexis hinge system	101

Drilling and insertion machines	328		

A B	Cabinet side Door	E TA	Cross mounting plate Cup distance	
LEGENE				

Cup distance

Linear mounting plate

Cup hole

С

D

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F014072504225	146.604.35.0015	125	106	F015072810236	146.322.54.0015	250		F016073095225	412.770.04.0015	125	234
F014072506225	145.604.35.0815	125	106	F015072810236	146.322.53.0015	250	150 150	F016073096225	414.780.82.0013	125	234
F014072507225	146.604.35.1515	125	106	F015072816236	145.322.53.0015	250	150	F016073098225	414.780.80.0013	125	236
F014072508225	145.604.35.1515	125	106	F015072817236	146.322.54.0815	250	150	F016073099225	414.780.80.0015	125	236
F014072509225	146.605.35.0015	125	114	F015072818236	146.322.53.0815	250	150	F016073100225	474.700.01.0015	125	238
F014072510225	145.605.35.0015	125	114	F015072819236	145.322.53.0815	250	150	F016073122225	414.780.84.0015	125	236
F014072511225	146.705.35.0215	125	116	F015072820225	146.425.53.0015	125	158	F016135457225	_	125	236
F014072512225	146.705.35.0315	125	118	F015072822225	146.425.53.0815	125	158				
F014072514225	146.605.35.0815	125	114	F015072823225	146.425.53.1515	125	158	F017			
F014072515213	146.705.35.0815	25	120	F015072825236	146.329.56.0015	250	152	F017139329217	_	50	16
F014072517225	146.605.35.1515	125	114	F015072827236	146.329.55.0015	250	152	F017139330217	-	50	16
F014072518225	145.605.35.1515	125	114	F015072829225	146.429.24.0115	125	172	F017139331217	-	50	16
F014072519225	146.705.35.9615	125	128	F015072832236	146.329.55.0815	250	152	F017139332217	-	50	16
F014072520225	146.622.35.0015	125	108	F015072834225	146.429.14.1015	125	170	F017139335213	-	25	38
F014072521225	145.622.35.0015	125	108	F015072835225	146.429.53.4515	125	174	F017139336213	_	25	40
F014072522225	146.622.35.0815	125	108	F015072840217	146.765.54.0015	50	154	F017139337213	-	25	42
F014072523225	145.622.35.0815	125	108	F015072842217	146.765.53.0015	50	154	F017139338213	_	25	44
F014072524225	146.629.35.0015	125	110	F015072843217	145.765.53.0015	50	154	F017 139 339 213	-	25	46
F014072526225	146.729.35.0115	125	124	F015072844217	146.765.54.0815	50	154	F017139340213	-	25	48
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F014072528225	146.729.35.1015	125	122	F015072846217	145.765.53.0815	50	154	F017139342213	-	25	36
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F014072531217	145.765.35.0015	50	112	F015072862217	298.707.88.9815	50	190	F017 139 3452 17	-	50	20
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F015				F015072965236	146.717.04.1515	250	182	F017139348213	-	25	52
	11/ 001 5/ 0015	0.50	110	F016				F017139349213	-	25	54
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F015072730236	146.304.56.1515	250	148	F016073018236	404.304.53.1515 404.304.54.1515	250	210	F017139355217 F017139356217	_	50	26
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F015072738236	145.304.55.1515	250	148	F016073027225	456.405.53.0015	125	230	F017140379228	_	150	18
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F015072742236	146.305.53.0015	250	156	F016073033225	454.405.53.0315	125	224	F022			
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F015072747225	146.405.53.0215	125	162	F016073039236	404.305.53.0815	250	218	F022140091228	-	150	16
F015072751225	146.405.53.0315	125	166	F016073044236	404.305.53.1515	250	218	F022140092228	-	150	16
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028 138 549 217	-	50	20	F034139316217	-	50	20	F045138468213	-	25	
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28 138 5532 17	-	50	20	F034139320213	-	25	54	F045138472213	-	25	
28 138 5542 17	-	50	20	F034139321213	-	25	22	F045138473213	-	25	
28 138 555 213	-	25	50	F034139322213	-	25	22	F045138474213	-	25	
28 138 556 213	-	25	52	F034139323213	-	25	22	F045138483213	-	25	
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28 138 561 213	-	25	22	F034139325217	-	50	26	F045138485217	-	50	
28 138 562 213	-	25	22	F034139326217	-	50	26	F045138486217	-	50	
28 138 563 213	-	25	22	F034139327217	-	50	26	F045138487217	-	50	
28 138 564 213	-	25	22	F034139582228	-	150	18	F045138488217	-	50	
28 138 565 213	-	25	22	F034139583228	-	150	18	F045138489217	-	50	
28 138 566 213	-	25	22	F034139584228	-	150	18	F045138490217	-	50	
28 138 5672 17	-	50	26	F035				F045138491217	-	50	
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28 138 572 217	-	50	26	F035139360217	-	50	16	F045138499213	-	25	
28 138 573 217	-	50	26	F035139371217	-	50	20	F045138500213	-	25	
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28 139 131 228	-	150	18	F035139378213	_	25	22	F045138504213	_	25	Г
28 139 138 228	-	150	28	F035139379213	-	25	22	F045138505217	-	50	
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28 140 942 217	_	50	24					F045138518213	_	25	Т
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	_				_		18		_		
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29 140 468 217	-	50	66	F040149634228	-	150	18	F045149512228	-	150	
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	I							F045149531217	-	50	
34 139 300 217	-	50	16	F045138061213	-	25	30	F045149532217	-	50	
24120201217	-	50	16	F045138062213	-	25	30	F045149533217	-	50	
34 139 301 217 34 139 302 217		50	16	F045138063213		25	30	F045149534228		150	1

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F045 149 537 228	-	150	28	F051139126507	-	10	290	F058 139 7512 17	-	50	81
F045149538228	-	150	28	F051 139 127 207	-	10	292	F058139752217	-	50	8
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F046				F051 139 148 217	-	50	292	F058139754217	-	50	8
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F046138246213	-	25	30	F051140925507	-	10	292	F058 139 7582 17	-	50	8
F046138247213	-	25	30	F051140926507	-	10	290	F058139759217	-	50	80
F046138248213	-	25	30	F051140927507	-	10	290	F058 139 7612 17	-	50	80
F046138579217	-	50	16	F053				F058139762217	-	50	80
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F046138582217	-	50	16	F053 139 662 607	-	10	286	F058 139 7662 17	-	50	8
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F 046 138 594 213	-	25	48	F053 139 669 507	-	10	286	F058 139 787 217	-	50	86
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PU code	Quantity (units, pair, set)
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147	1000
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202	2
205	6
207	10
211	20
213	25
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5.604.35.0015	F014072504225	125	106	314.393.81.0015	F060073144236	250	133	318.493.70.0015	F061073232236	250	
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LEGEND

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501	1
504	5
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540	500
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551	2000
607	10







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