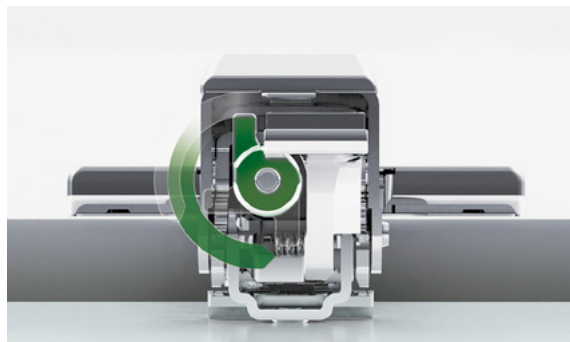




G* GRASS®

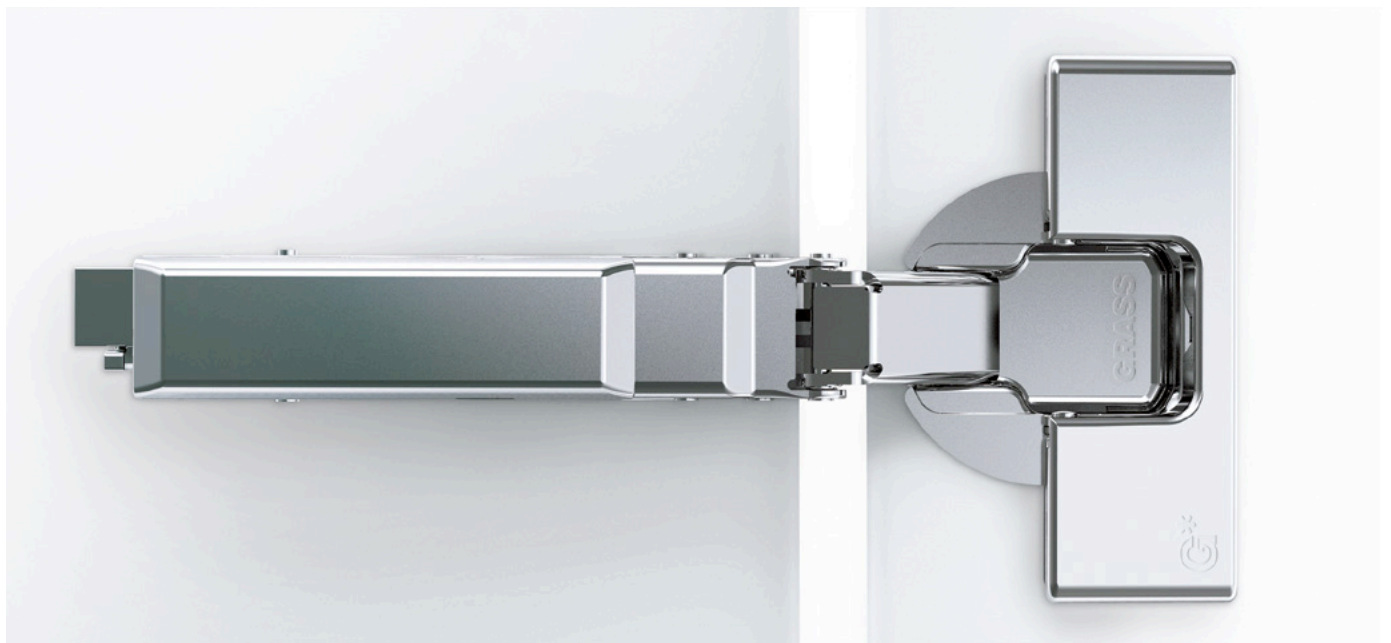
HINGE SYSTEMS

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





Timos – The best possible
movement solution for furniture doors.





TIOMOS HINGE SYSTEM



reddot design award
honourable mention 2010

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

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



Soft-close inside.

The whole damper technology is concealed within the hinge arm.

Three levels for individual comfort.

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



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



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



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



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

TIOMOS HINGE SYSTEM

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

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



One range to cover all applications.

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

Perfect alignment with a twist of the hand.

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

Another stroke of genius is the new kinematics inside Tiomos.

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



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

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

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



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



TIOMOS MIRRO HINGE SYSTEM

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

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

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



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

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

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



HINGE SYSTEMS

GRASS hinge systems offer perfect solutions for all applications.

	<p>TIOMOS 11</p> <p>The new hinge generation for the door of the future. Extremely strong. Integrated damper. New kinematics.</p>	Tiomos
	<p>NEXIS 123</p> <p>The versatile hinge system. Finely tuned movement systems. Functional, with excellent operating comfort.</p>	Nexis
	<p>SPECIAL HINGES 307</p> <p>Hinges for special applications. Where individual solutions are needed.</p>	Special hinges
	<p>SINGLE-JOINT HINGES 319</p> <p>All-metal hinges for continuous or individual cabinet construction or concealed applications. Flexible. Functional.</p>	Single-joint hinges
	<p>CABINET MAKING ACCESSORIES 335</p> <p>Small components with a big effect. Shelf supports, connecting screws, door buffers, cabinet suspension fittings, shelf brackets etc.</p>	Cabinet making accessories



TIOMOS HINGE SYSTEM

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

QUALITY CERTIFICATE
LGAD



Tiomos – the best possible movement solution for furniture doors.

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

TIOMOS HINGE SYSTEM

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

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

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Tiomos

Nexis







































Special hinges


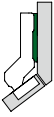

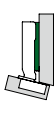

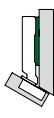

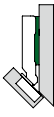

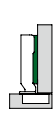

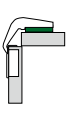

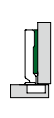

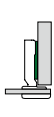


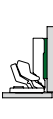
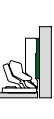



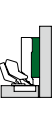




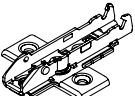
Single-joint hinges

Cabinet making accessories

TIOMOS HINGE SYSTEM

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

Opening angle		Product description	Full overlay	Overlay	Half overlay	Inset	Page
110°		Tiomos 110 • Optimum reveals up to 24 mm door thickness • Convenient depth adjustment via worm gear					14
120°		Tiomos 120 • Optimum reveals up to 22 mm door thickness • Convenient depth adjustment via worm gear					18
160°		Tiomos 160 • Optimum reveals up to 32 mm door thickness • Shallow cup depth • For cabinets with inset drawers or pull-out shelves				-	22
95°		Tiomos 95 • Optimum reveals up to 28 mm door thickness • Convenient depth adjustment via worm gear					26
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 110/90A • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-		-	-	32
110°		Tiomos 110/90E • Hinge for blind corner constructions • Convenient depth adjustment via worm gear	-	-	-		36
110°		Tiomos 110/30A • For 30° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	40
110°		Tiomos 110/30E • For 30° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		44
110°		Tiomos 110/37A • For 37° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	48
110°		Tiomos 110/37E • For 37° angled cabinets • Convenient depth adjustment via worm gear	-	-	-		52
110°		Tiomos 110/45A • For 45° angled cabinets • Convenient depth adjustment via worm gear	-		-	-	56

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

Tiomos

Nexis

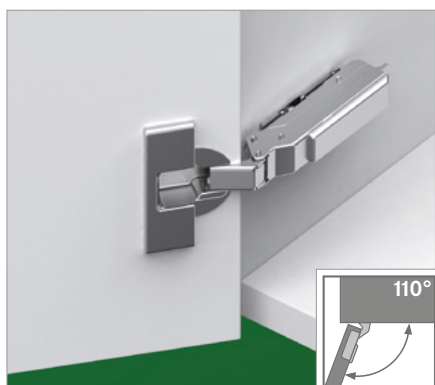
Special hinges

Single-joint hinges

Cabinet making accessories

TIOMOS 110

110° hinge (door thicknesses up to 24 mm)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

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.

COVER CAPS

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

ACCESSORIES

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

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

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Tipmatic	302
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Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

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

Door thickness	Cup distance				
	3	4	5	6	7
24.0	1.0	1.0	1.0	1.2 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	1.2 ²
20.0	1.0	1.0	1.0	1.0	1.0
19.0	1.0	1.0	1.0	1.0	1.0
18.0	1.0	1.0	1.0	1.0	1.0
17.0	1.0	1.0	1.0	1.0	1.0
16.0	1.0	1.0	1.0	1.0	1.0

Minimum gap

² 1.0 at 85° opening angle

MINIMUM REVEAL

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

Minimum reveal (F)

85° OPENING ANGLE

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

Minimum reveal (F) ³ at 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

For screw fixing	For press fitting	Combination drilling pattern for Impresso

CUP DIMENSIONS

() Impresso

TIOMOS 110

110° hinge (door thicknesses up to 24 mm)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

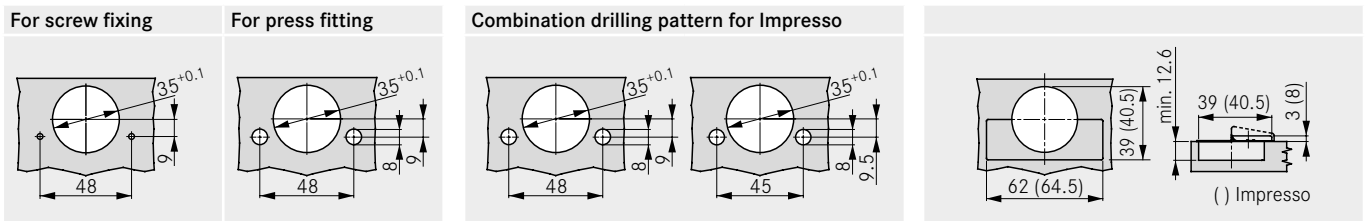
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138093	F028138097	F017139329
		-	■	-	F045138000	F045138004	F034139300
		-	■	■	F046138184	-	F035139357
Overlay ¹	3	■	-	-	F028138094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

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

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

DRILLING PATTERNS 48/9

CUP DIMENSIONS



ORDER INFORMATION FOR DRILLING PATTERN 42/11

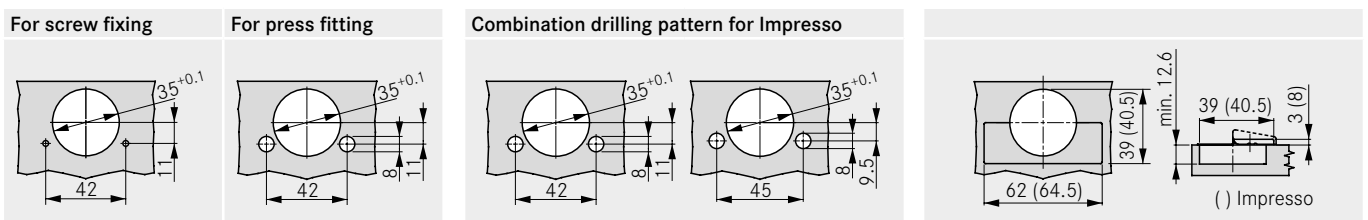
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138337	F028138341	F017139414
		-	■	-	F045138275	F045138279	F034139385
		-	■	■	F046138397	-	F035139442
Overlay ¹	3	■	-	-	F028138338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

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

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

DRILLING PATTERNS 42/11

CUP DIMENSIONS



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

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

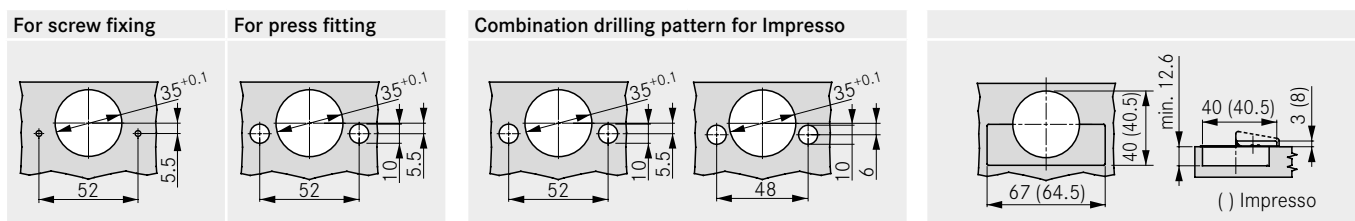
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138701	F028 138705	F017 139499
		-	■	-	F045 138639	F045 138643	F034 139470
		-	■	■	F046 138761	-	F035 139527
Overlay ¹	3	■	-	-	F028 138702	F028 138706	F017 139500
		-	■	-	F045 138640	F045 138644	F034 139471
		-	■	■	F046 138762	-	F035 139528
Half overlay ²	9.5	■	-	-	F028 138703	F028 138707	F017 139501
		-	■	-	F045 138641	F045 138645	F034 139472
		-	■	■	F046 138763	-	F035 139529
Inset ²	19	■	-	-	F028 138704	F028 138708	F017 139502
		-	■	-	F045 138642	F045 138646	F034 139473
		-	■	■	F046 138764	-	F035 139530

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

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

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



ORDER INFORMATION FOR DRILLING PATTERN 48/6

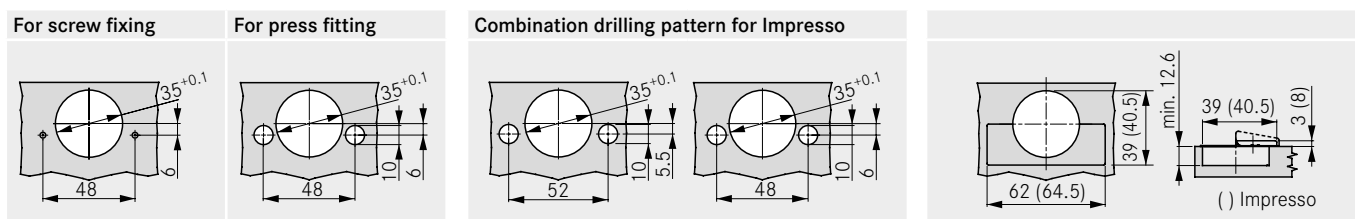
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138883	F028 138887	F017 139499
		-	■	-	F045 138821	F045 138825	F034 139470
		-	■	■	F046 138943	-	F035 139527
Overlay ¹	3	■	-	-	F028 138884	F028 138888	F017 139500
		-	■	-	F045 138822	F045 138826	F034 139471
		-	■	■	F046 138944	-	F035 139528
Half overlay ²	9.5	■	-	-	F028 138885	F028 138889	F017 139501
		-	■	-	F045 138823	F045 138827	F034 139472
		-	■	■	F046 138945	-	F035 139529
Inset ²	19	■	-	-	F028 138886	F028 138890	F017 139502
		-	■	-	F045 138824	F045 138828	F034 139473
		-	■	■	F046 138946	-	F035 139530

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

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

DRILLING PATTERNS 48/6

CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 120

120° hinge (door thicknesses up to 24 mm)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

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

COVER CAPS

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

ACCESSORIES

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

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

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

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

Minimum gap

² 1.0 at 85° opening angle

MINIMUM REVEAL

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

Minimum reveal (F)

85° OPENING ANGLE

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

Minimum reveal (F) ³ at 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).

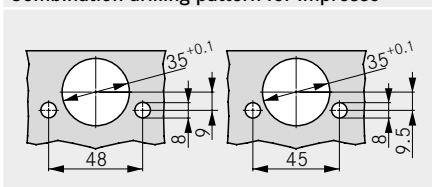
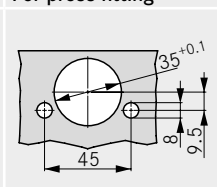
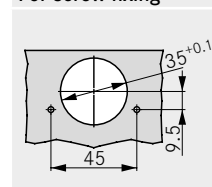
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

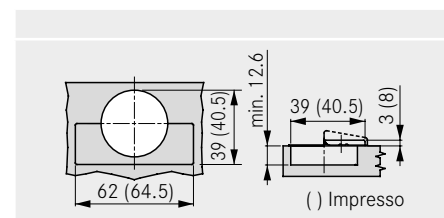
For screw fixing

For press fitting

Combination drilling pattern for Impresso



CUP DIMENSIONS



TIOMOS 120

120° hinge (door thicknesses up to 24 mm)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138 121	F028 138 125	F017 139 343
		-	■	-	F045 138 028	F045 138 032	F034 139 314
		-	■	■	F046 138 212	-	F035 139 371
Overlay ¹	3	■	-	-	F028 138 122	F028 138 126	F017 139 344
		-	■	-	F045 138 029	F045 138 033	F034 139 315
		-	■	■	F046 138 213	-	F035 139 372
Half overlay ²	9.5	■	-	-	F028 138 123	F028 138 127	F017 139 345
		-	■	-	F045 138 030	F045 138 034	F034 139 316
		-	■	■	F046 138 214	-	F035 139 373
Inset ²	19	■	-	-	F028 139 017	F028 139 018	F017 139 346
		-	■	-	F045 139 019	F045 139 020	F034 139 317
		-	■	■	F046 139 021	-	F035 139 374

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

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

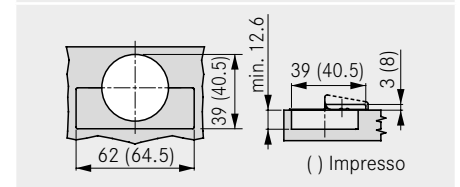
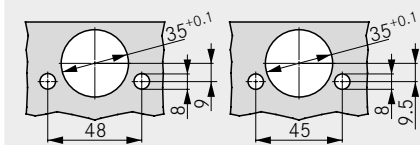
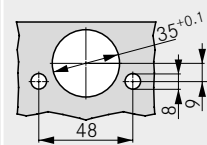
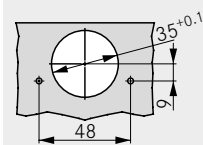
DRILLING PATTERNS 48/9

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138 365	F028 138 369	F017 139 428
		-	■	-	F045 138 303	F045 138 307	F034 139 399
		-	■	■	F046 138 425	-	F035 139 456
Overlay ¹	3	■	-	-	F028 138 366	F028 138 370	F017 139 429
		-	■	-	F045 138 304	F045 138 308	F034 139 400
		-	■	■	F046 138 426	-	F035 139 457
Half overlay ²	9.5	■	-	-	F028 138 367	F028 138 371	F017 139 430
		-	■	-	F045 138 305	F045 138 309	F034 139 401
		-	■	■	F046 138 427	-	F035 139 458
Inset ²	19	■	-	-	F028 139 027	F028 139 028	F017 139 558
		-	■	-	F045 139 029	F045 139 030	F034 139 559
		-	■	■	F046 139 031	-	F035 139 560

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

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

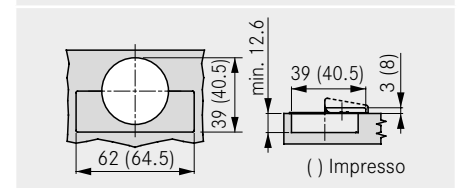
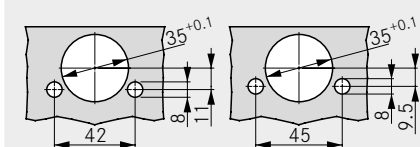
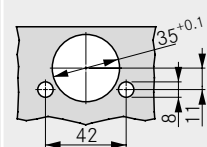
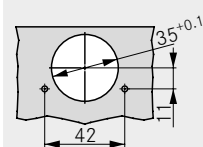
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



Tiomos mounting plates

102

Tipmatic

302

Assembly aids

358

Accessories

112

Technical information

116

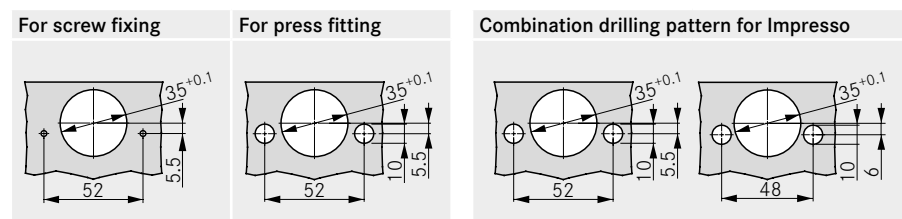
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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

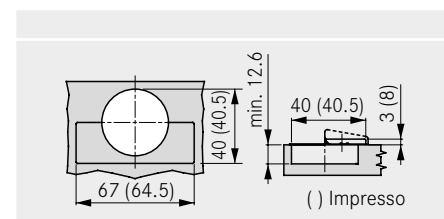
¹ Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

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

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS



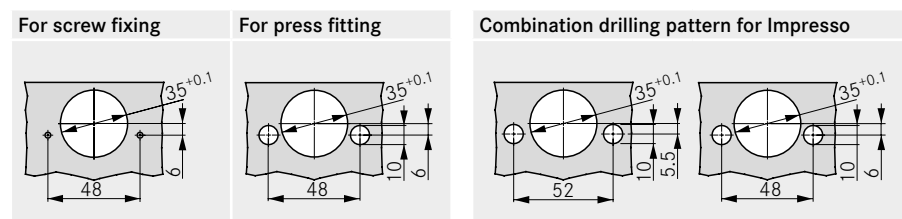
ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

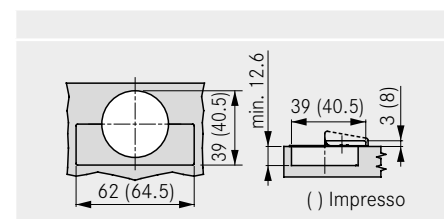
¹ Cup material: steel, nickel-plated / Arm material: steel, nickel-plated

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



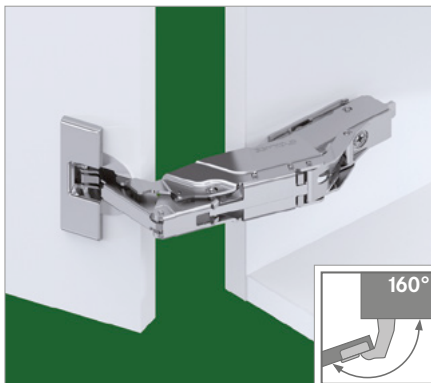
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 160

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



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

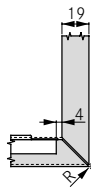
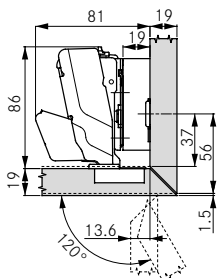
¹ Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

ACCESSORIES

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

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

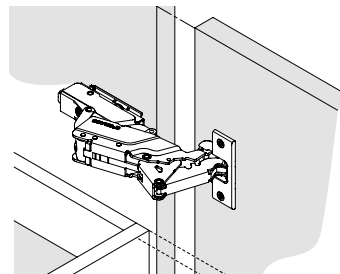
MITRED APPLICATION (ON ALL SIDES)



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

Use 120° opening angle reduction clip.

ZERO PROTRUSION



For cabinets with inset drawers.

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

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

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

TIOMOS 160

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

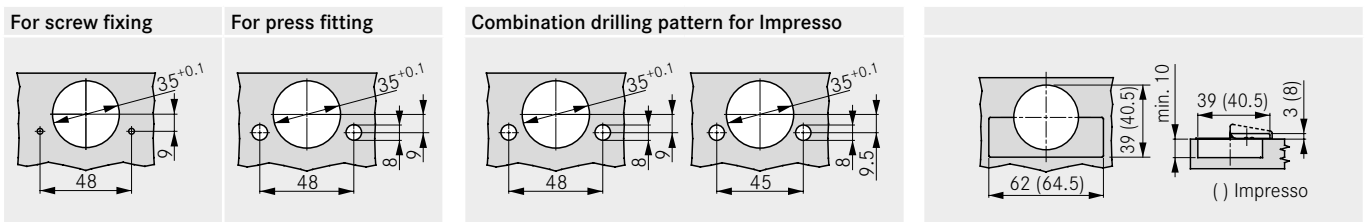
ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

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

DRILLING PATTERNS 48/9

CUP DIMENSIONS



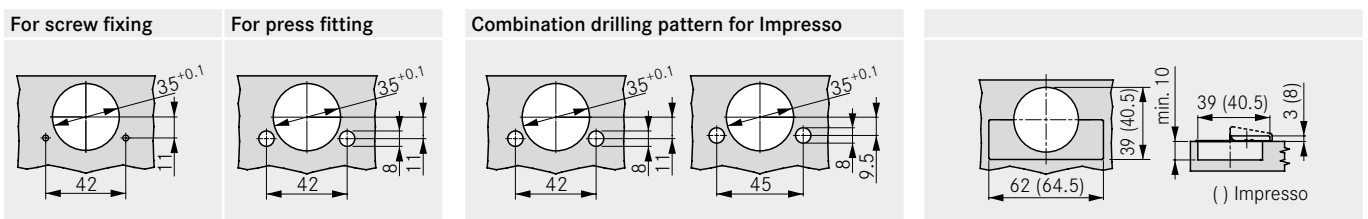
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

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

DRILLING PATTERNS 42/11

CUP DIMENSIONS



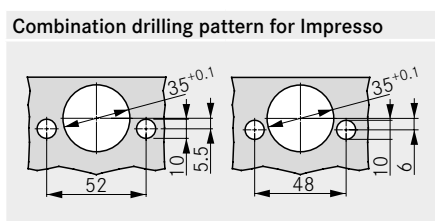
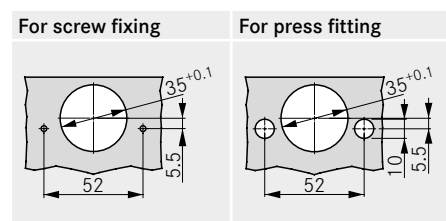
Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

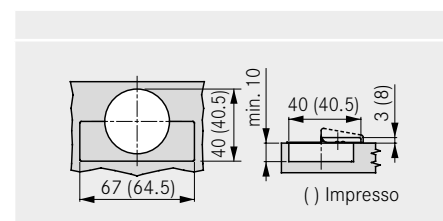
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138743	F028138746	F017139520
		-	■	-	F045138681	F045138684	F034139491
		-	■	■	F046138803	-	F035139548
Overlay ¹	3	■	-	-	F028138744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

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

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

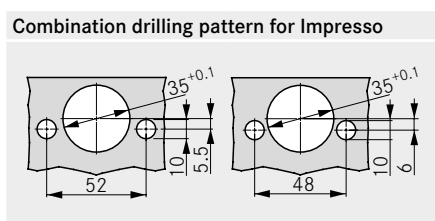
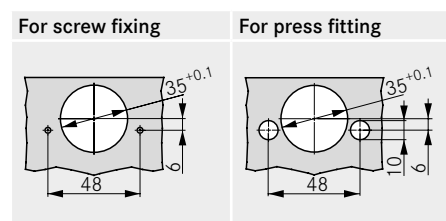


ORDER INFORMATION FOR DRILLING PATTERN 48/6

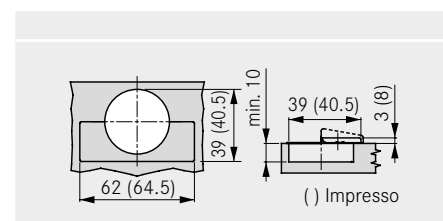
Door overlay	Cranking	Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138925	F028138928	F017139520
		-	■	-	F045138863	F045138866	F034139491
		-	■	■	F046138985	-	F035139548
Overlay ¹	3	■	-	-	F028138926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

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



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

Tiomos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

TIOMOS 95

95° hinge (door thicknesses up to 28 mm)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

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

³ Available on request

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset ¹	K19																																																																																																																																																																																																																																																																																																																																																																																						
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MINIMUM GAP

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

Minimum gap

MINIMUM REVEAL

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

Minimum reveal (F)

NOTES

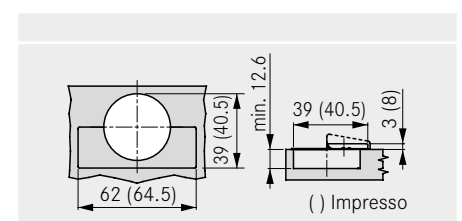
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

DRILLING PATTERNS 45/9.5

For screw fixing	For press fitting	Combination drilling pattern for Impresso

CUP DIMENSIONS



TIOMOS 95

95° hinge (door thicknesses up to 28 mm)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay	Cranking	Damper			Item No. ³		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138141	F028138145	F017139353
		-	■	-	F045138048	F045138052	F034139324
		-	■	■	F046138232	-	F035139381
Overlay ¹	3	■	-	-	F028138142	F028138146	F017139354
		-	■	-	F045138049	F045138053	F034139325
		-	■	■	F046138233	-	F035139382
Half overlay ²	9.5	■	-	-	F028138143	F028138147	F017139355
		-	■	-	F045138050	F045138054	F034139326
		-	■	■	F046138234	-	F035139383
Inset ²	19	■	-	-	F028138144	F028138148	F017139356
		-	■	-	F045138051	F045138055	F034139327
		-	■	■	F046138235	-	F035139384

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

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

³ Available on request

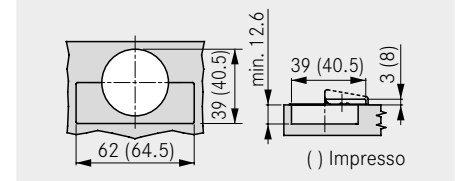
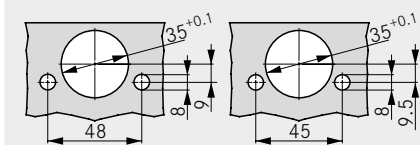
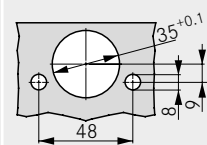
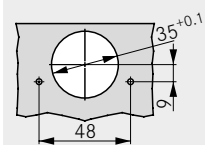
DRILLING PATTERNS 48/9

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay	Cranking	Damper			Item No. ³		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028138385	F028138389	F017139438
		-	■	-	F045138323	F045138327	F034139409
		-	■	■	F046138445	-	F035139466
Overlay ¹	3	■	-	-	F028138386	F028138390	F017139439
		-	■	-	F045138324	F045138328	F034139410
		-	■	■	F046138446	-	F035139467
Half overlay ²	9.5	■	-	-	F028138387	F028138391	F017139440
		-	■	-	F045138325	F045138329	F034139411
		-	■	■	F046138447	-	F035139468
Inset ²	19	■	-	-	F028138388	F028138392	F017139441
		-	■	-	F045138326	F045138330	F034139412
		-	■	■	F046138448	-	F035139469

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

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

³ Available on request

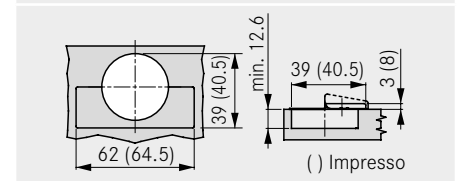
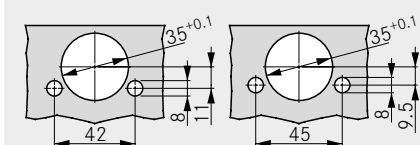
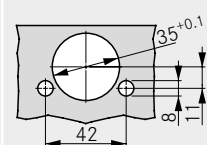
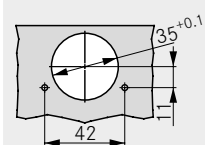
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing

For press fitting

Combination drilling pattern for Impresso



Tiomos mounting plates 102

Accessories 112

Tipmatic 302

Technical information 116

Assembly aids 358

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

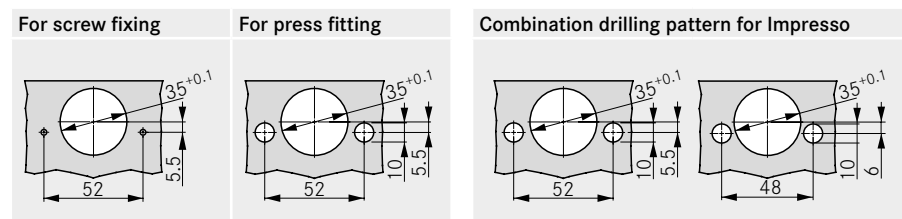
Door overlay	Cranking	Damper			Item No. ³		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138749	F028 138753	F017 139523
		-	■	-	F045 138687	F045 138691	F034 139494
		-	■	■	F046 138809	-	F035 139551
Overlay ¹	3	■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

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

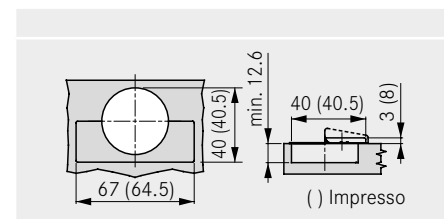
² Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

³ Available on request

DRILLING PATTERNS 52/5.5



CUP DIMENSIONS



ORDER INFORMATION FOR DRILLING PATTERN 48/6

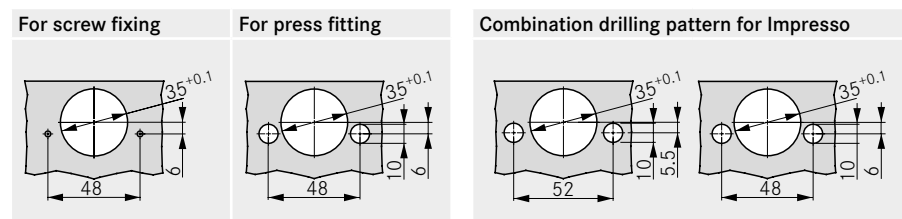
Door overlay	Cranking	Damper			Item No. ³		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Full overlay ¹	0	■	-	-	F028 138931	F028 138935	F017 139523
		-	■	-	F045 138869	F045 138873	F034 139494
		-	■	■	F046 138991	-	F035 139551
Overlay ¹	3	■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

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

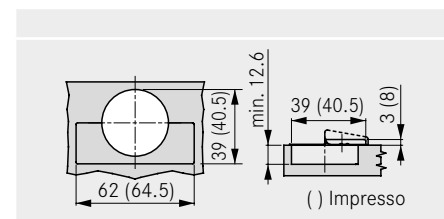
² Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

³ Available on request

DRILLING PATTERNS 48/6



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 110 AL

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



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

Available in 3 versions:

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

ORDER INFORMATION

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

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

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

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, nickel-plated, not imprinted	0/3/9.5/19	On request	F072 135 500
	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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072 135 807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay	K0	Overlay	K3	Half overlay	K9.5	Inset ¹	K19																																																																																																																																																
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 2 ¹ Set mounting plate back by door thickness +1.5 mm</p>																																																																																																																																																	
<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>0</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>19.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>17.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>16.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>15.0</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						0						Door overlay	19.0	0					17.0	2					16.0	3					15.0	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>3</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>16.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>14.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>13.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>12.5</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						3						Door overlay	16.0	0					14.0	2					13.0	3					12.5	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>9.5</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door overlay</td> <td>9.5</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>7.5</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>6.5</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>6.0</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						9.5						Door overlay	9.5	0					7.5	2					6.5	3					6.0	3.5				<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>19</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Door reveal</td> <td>0.0</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>2.0</td> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3.0</td> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3.5</td> <td>3.5</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Mounting plate height</p>		Cup distance						19						Door reveal	0.0	0					2.0	2					3.0	3					3.5	3.5			
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MINIMUM REVEAL

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

Minimum reveal (F)

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied

TIOMOS 110/90A

110° blind corner hinge (overlay)



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

Available in 2 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper		without spring	Item No.		
		with	without		Click-on For screw fixing	Click-on For press fitting	Impresso without tools ²
Overlay ¹		■	-	-	F028138535	F028138545	F017139341
		-	■	-	F045138473	F028138483	F034139312

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

² Available on request

COVER CAPS

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

ACCESSORIES

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

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Cross mounting plates with fixing distance 37

Linear mounting plates

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

Mounting plate height 0

Door overlay

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

Door overlay

MINIMUM REVEAL

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

Minimum gap

NOTES

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

DRILLING PATTERNS 45/9.5

For screw fixing

For press fitting

Combination drilling pattern for Impresso

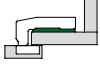
CUP DIMENSIONS

() Impresso

TIOMOS 110/90A

110° blind corner hinge (overlay)

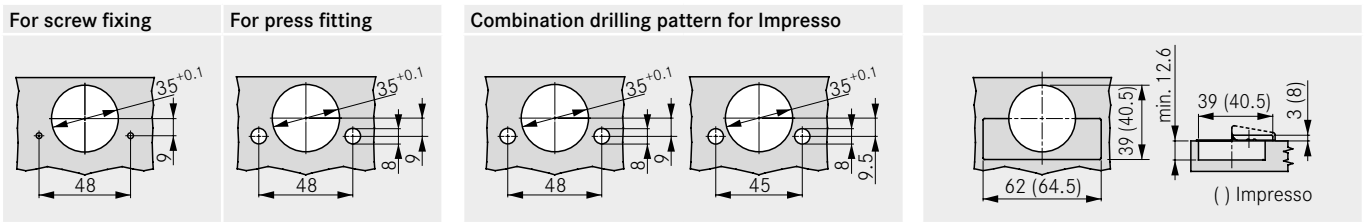
ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

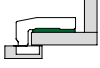
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

CUP DIMENSIONS



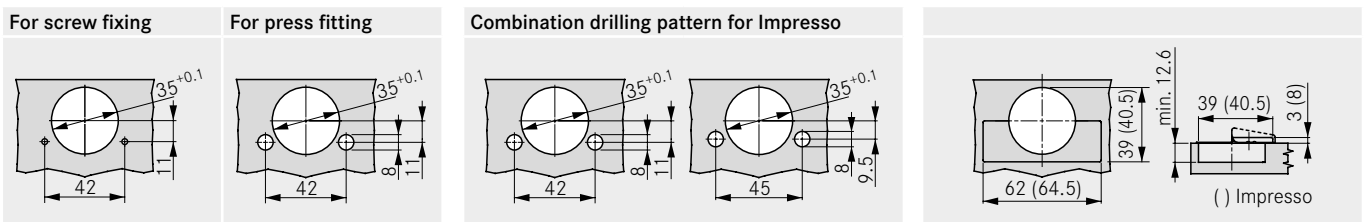
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

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

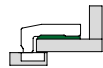
DRILLING PATTERNS 42/11

CUP DIMENSIONS



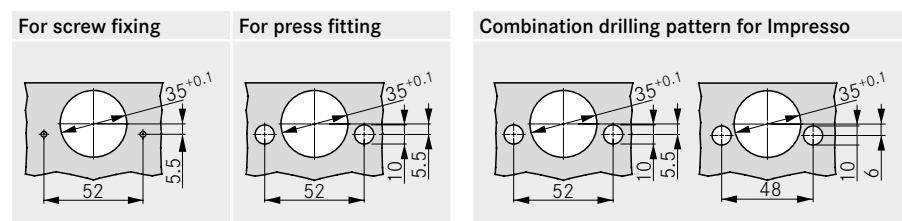
Tiomos mounting plates	102	Tipmatic	302	Assembly aids	358
Accessories	112	Technical information	116		

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

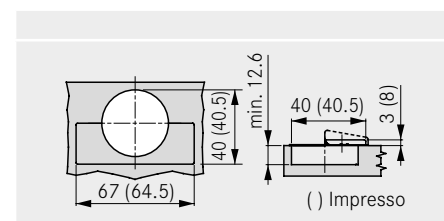
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay ¹		■	-	-	F028 138717	F028 138727	F017 139511
		-	■	-	F045 138655	F045 138665	F034 139482

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

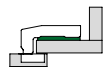
DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

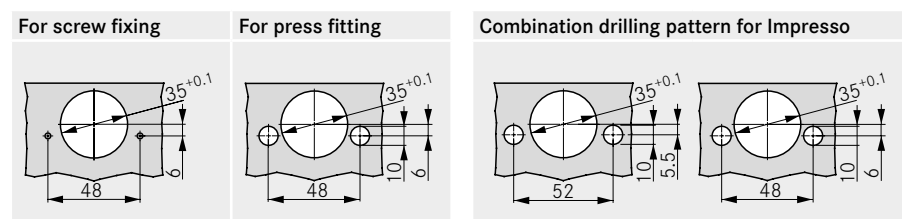


ORDER INFORMATION FOR DRILLING PATTERN 48/6

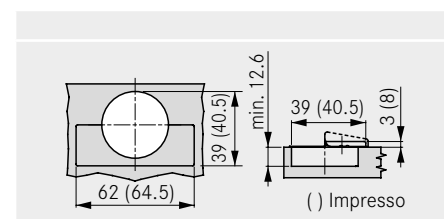
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing	Click-on For press fitting	Impresso without tools
Overlay ¹		■	-	-	F028 138899	F028 138909	F017 139511
		-	■	-	F045 138837	F045 138847	F034 139482

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



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

TIOMOS 110/90E

110° blind corner hinge (inset)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Cross mounting plates with fixing distance 37

Linear mounting plates

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

Mounting plate height 3

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

MINIMUM REVEAL

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

NOTES

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

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

DRILLING PATTERNS 45/9.5

For screw fixing

For press fitting

Combination drilling pattern for Impresso

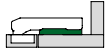
CUP DIMENSIONS

() Impresso

TIOMOS 110/90E

110° blind corner hinge (inset)

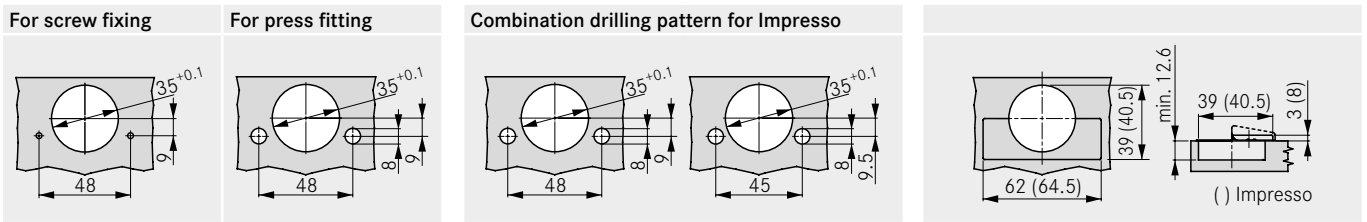
ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

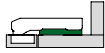
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

CUP DIMENSIONS



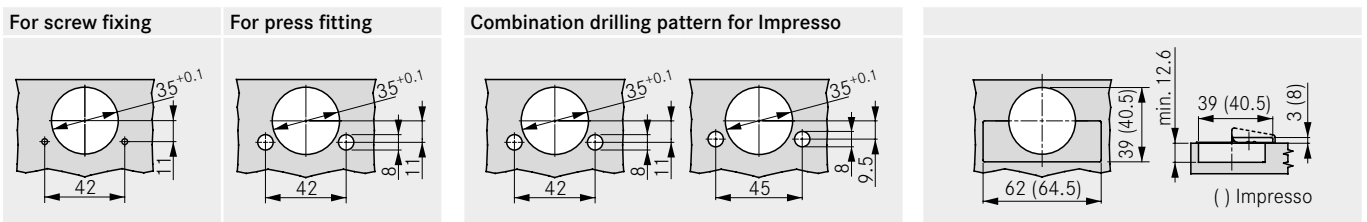
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

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

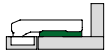
DRILLING PATTERNS 42/11

CUP DIMENSIONS



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

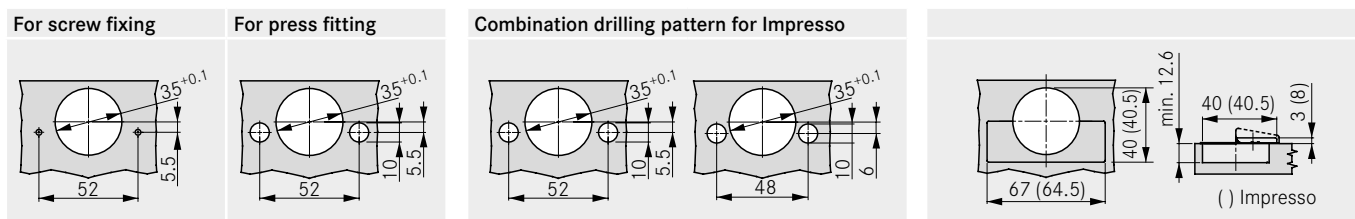
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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

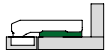
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



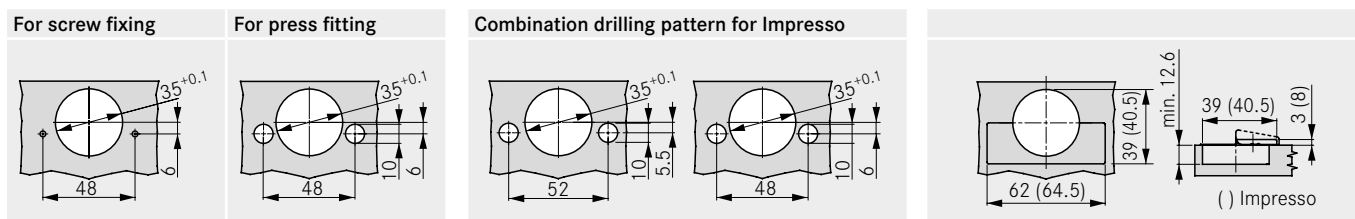
ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

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

DRILLING PATTERNS 48/6

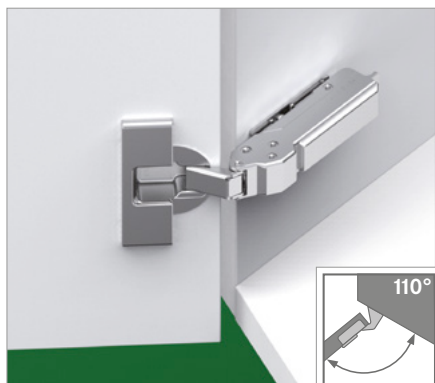
CUP DIMENSIONS



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

TIOMOS 110/30A

+30° angle corner cabinet hinge (overlay)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

overlay

Mounting plate height 0

Mounting plate height 6

Mounting plate height 9

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

Mounting plate height

Cross mounting plates with fixing distance 37

Linear mounting plates

X	Mounting plate height				
	0	2	3	3.5	6
X	34.0	33.0	32.0	32.0	30.5

Cross mounting plate position (X)

X	Mounting plate height			
	0	2	3	3.5
X	17.0	16.0	15.0	15.0

Linear mounting plate position (X)

MINIMUM GAP

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

Minimum gap

MINIMUM REVEAL

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

Minimum reveal (F)

NOTES

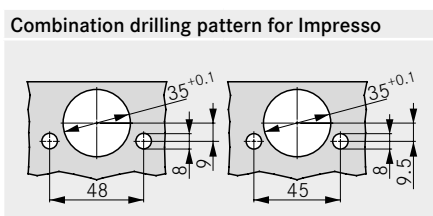
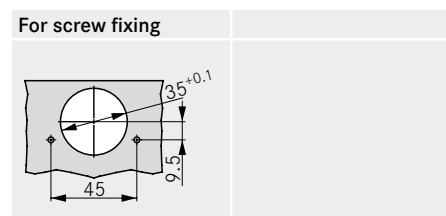
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

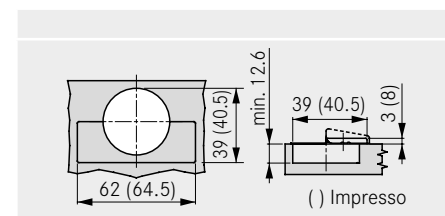
Hinge dimensions and reveal calculation with factory setting.

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

DRILLING PATTERNS 45/9.5



CUP DIMENSIONS




Tiemos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

TIOMOS 110/30A

+30° angle corner cabinet hinge (overlay)

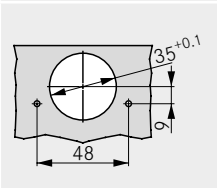
ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay ¹		■	-	-	F028 138 103		F017 139 335
		-	■	-	F045 138 010		F034 139 306
		-	■	■	F046 138 194		-

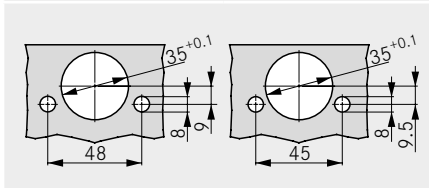
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

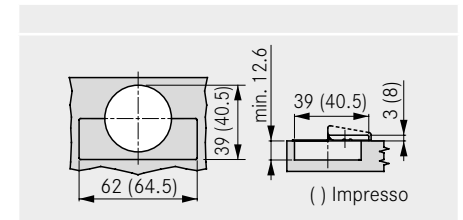
For screw fixing




Combination drilling pattern for Impresso



CUP DIMENSIONS



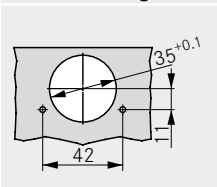
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

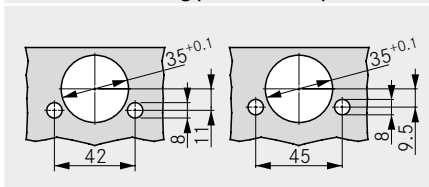
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 42/11

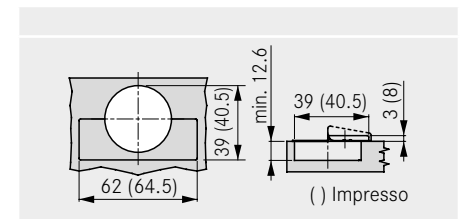
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

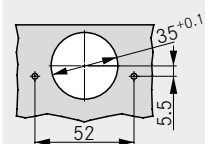
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Overlay ¹		■	-	-	F028 138711		F017 139505
		-	■	-	F045 138649		F034 139476
		-	■	■	F046 138771		-

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

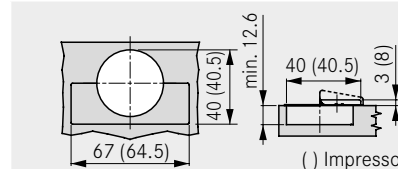
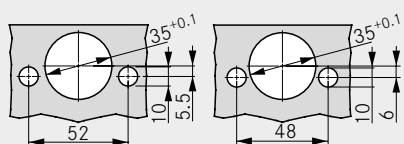
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

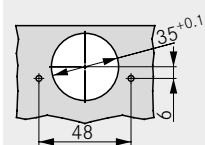
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Overlay ¹		■	-	-	F028 138893		F017 139505
		-	■	-	F045 138831		F034 139476
		-	■	■	F046 138953		-

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

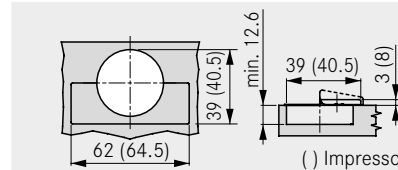
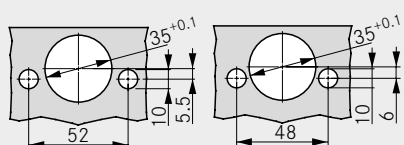
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 110/30E

+30° angle corner cabinet hinge (inset)




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

Available in 3 versions:





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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5



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


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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 9

Door overlay	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	

Mounting plate height

Cross mounting plates with fixing distance 37

Door overlay	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			
18		59.0	59.0			
17				58.0		
16			57.5		56.5	
15	57.5				55.5	

Cross mounting plate position (X)

MINIMUM REVEAL

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

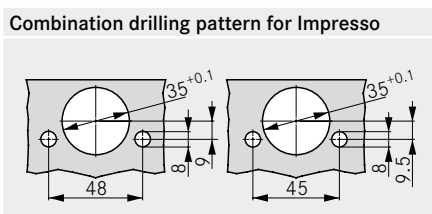
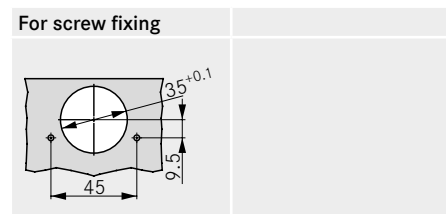
Minimum reveal (F)

NOTES

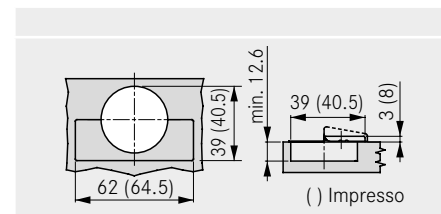
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

DRILLING PATTERNS 45/9.5




CUP DIMENSIONS



TIOMOS 110/30E

+30° angle corner cabinet hinge (inset)

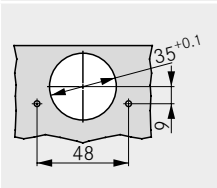
ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

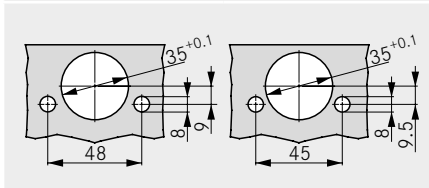
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

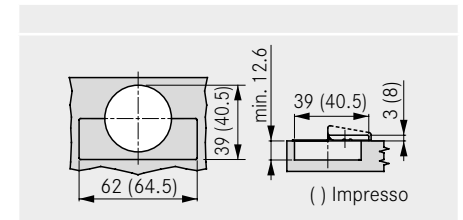
For screw fixing




Combination drilling pattern for Impresso



CUP DIMENSIONS



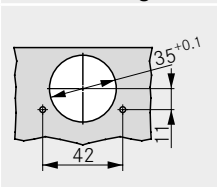
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

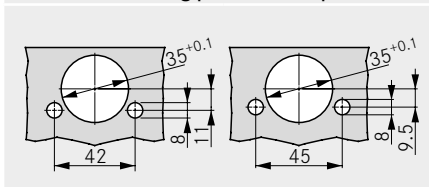
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 42/11

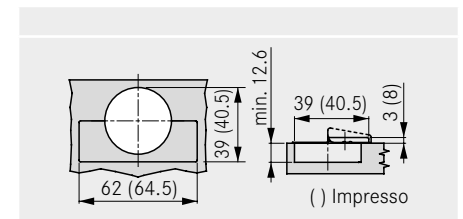
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

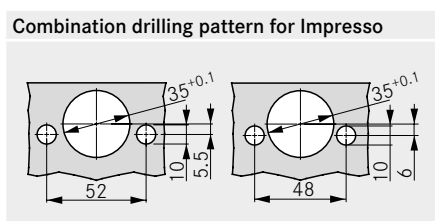
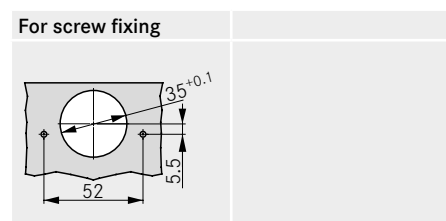
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

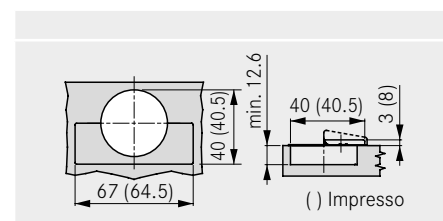
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138712		F017 139506
		-	■	-	F045 138650		F034 139477
		-	■	■	F046 138772		-

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


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

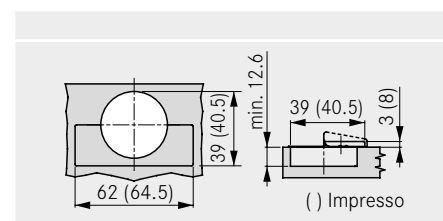
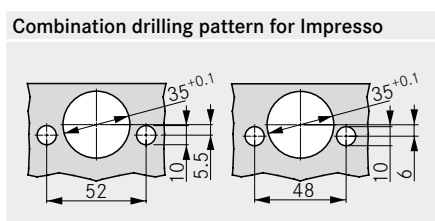
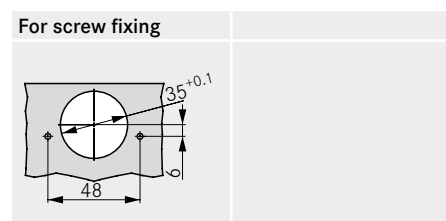


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138894		F017 139506
		-	■	-	F045 138832		F034 139477
		-	■	■	F046 138954		-

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

DRILLING PATTERNS 48/6



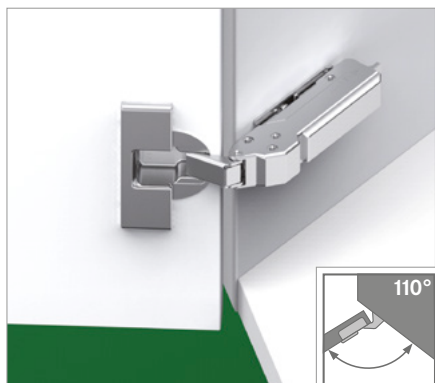
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 110/37A

+37° angle corner cabinet hinge (overlay)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

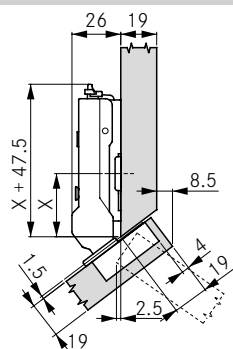
Tipmatic	302
Technical information	116

Assembly aids	358
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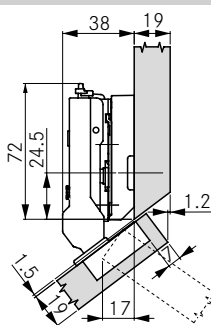
INSTALLATION INFORMATION

All dimensions in millimetres

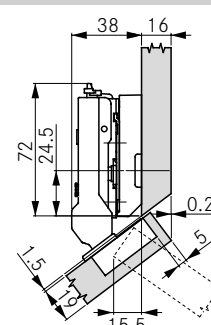
overlay



Mounting plate height 0

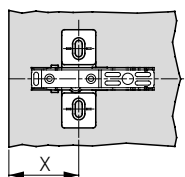


Mounting plate height 12



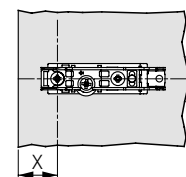
Mounting plate height 12

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



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

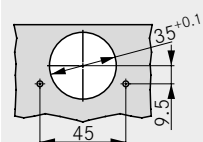
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

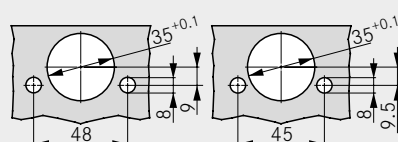
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

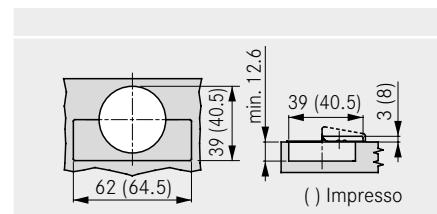
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



TIOMOS 110/37A

+37° angle corner cabinet hinge (overlay)

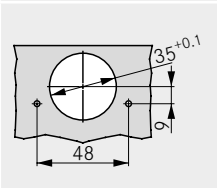
ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay ¹		■	-	-	F028 138 105		F017 139 337
		-	■	-	F045 138 0 12		F034 139 308
		-	■	■	F046 138 196		-

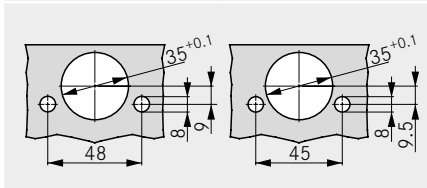
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

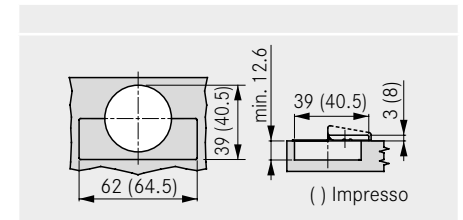
For screw fixing




Combination drilling pattern for Impresso



CUP DIMENSIONS



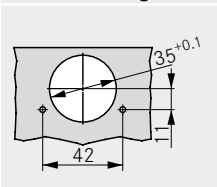
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

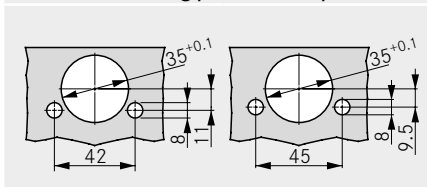
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 42/11

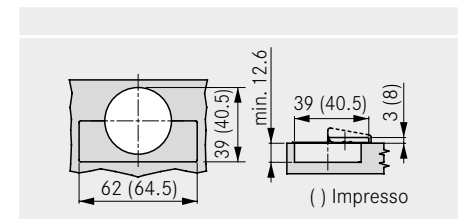
For screw fixing



Combination drilling pattern for Impresso



CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

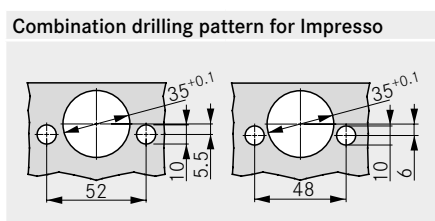
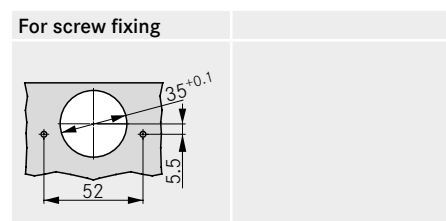
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

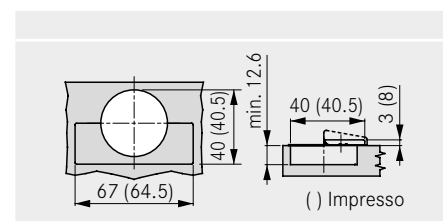
Door overlay		Damper			without spring	Item No.	
		with	without	without spring		Click-on For screw fixing	Impresso without tools
Overlay ¹		■	-	-		F028 138713	F017 139507
		-	■	-		F045 138651	F034 139478
		-	■	■		F046 138773	-

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


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

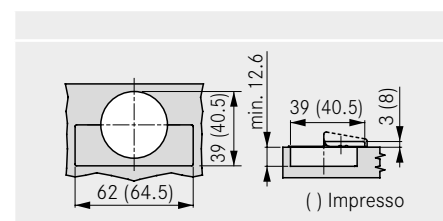
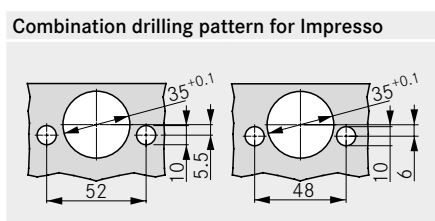
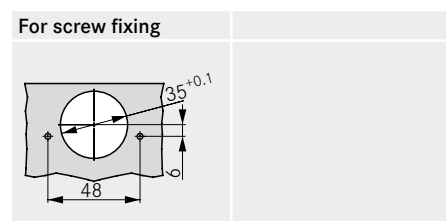


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			without spring	Item No.	
		with	without	without spring		Click-on For screw fixing	Impresso without tools
Overlay ¹		■	-	-		F028 138895	F017 139507
		-	■	-		F045 138833	F034 139478
		-	■	■		F046 138955	-

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

DRILLING PATTERNS 48/6



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 110/37E

+37° angle corner cabinet hinge (inset)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset

Mounting plate height 12

	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			

Door overlay

Mounting plate height

Cross mounting plates with fixing distance 37

	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		
18	56.0					
17		54.5			53.0	
16	54.5	54.0	53.0			
15		53.0	52.5			

Door overlay

Cross mounting plate position (X)

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	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	
15.0	0.6	0.6	0.6	0.6	0.6	

Door thickness

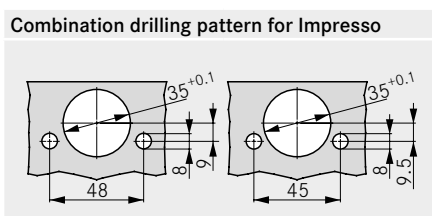
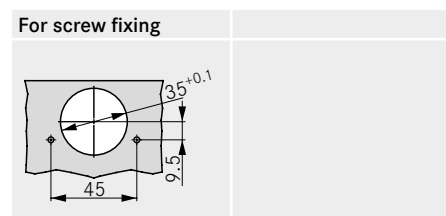
Minimum reveal (F)

NOTES

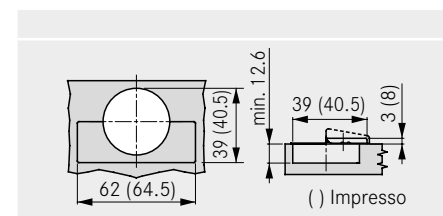
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

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

DRILLING PATTERNS 45/9.5




CUP DIMENSIONS



TIOMOS 110/37E

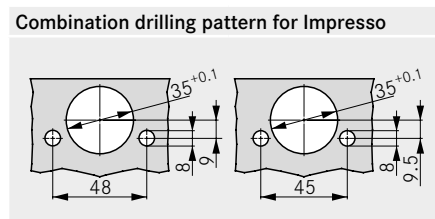
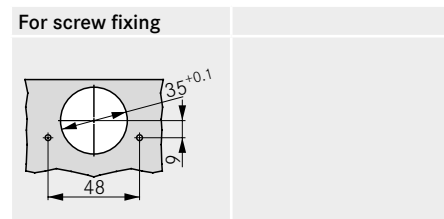
+37° angle corner cabinet hinge (inset)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

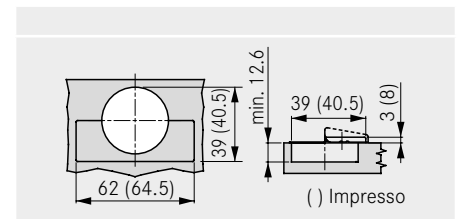
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Inset ¹		■	-	-	F028 138 106		F017 139 338
		-	■	-	F045 138 0 13		F034 139 309
		-	■	■	F046 138 197		-

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


DRILLING PATTERNS 48/9



CUP DIMENSIONS

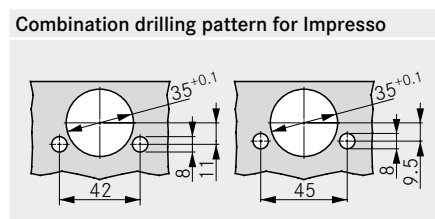
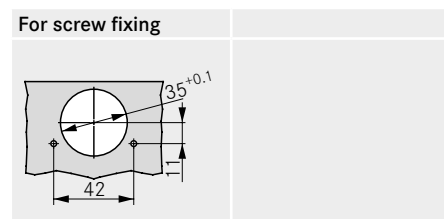


ORDER INFORMATION FOR DRILLING PATTERN 42/11

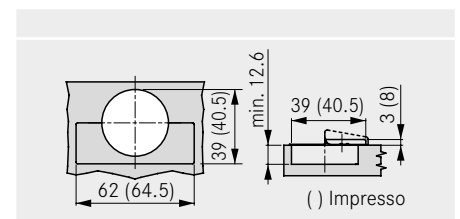
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Inset ¹		■	-	-	F028 138 350		F017 139 423
		-	■	-	F045 138 288		F034 139 394
		-	■	■	F046 138 410		-

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

DRILLING PATTERNS 42/11



CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

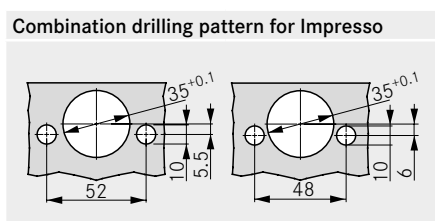
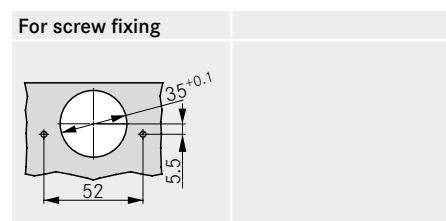
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

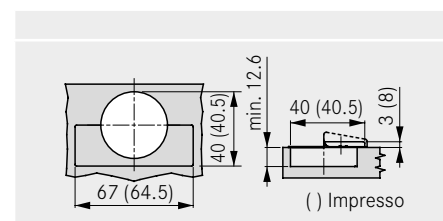
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138714		F017 139508
		-	■	-	F045 138652		F034 139479
		-	■	■	F046 138774		-

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


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

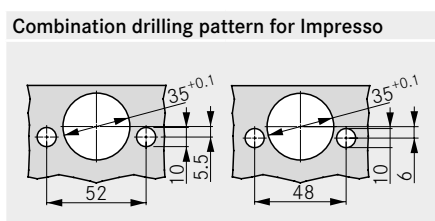
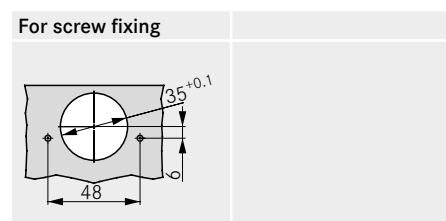


ORDER INFORMATION FOR DRILLING PATTERN 48/6

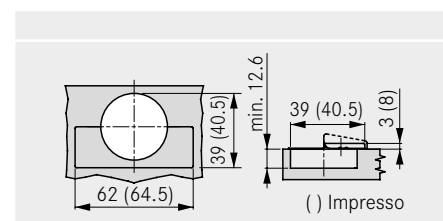
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138896		F017 139508
		-	■	-	F045 138834		F034 139479
		-	■	■	F046 138956		-

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

DRILLING PATTERNS 48/6



CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS / 110/45A

+45° angle corner cabinet hinge (overlay)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	Unclipping protector	F072135807

Tiomos mounting plates	102
Accessories	112

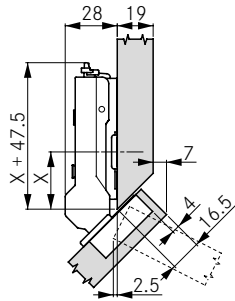
Tipmatic	302
Technical information	116

Assembly aids	358
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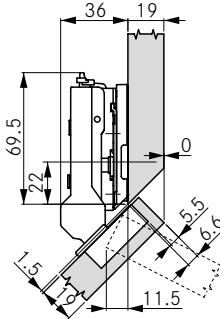
INSTALLATION INFORMATION

All dimensions in millimetres

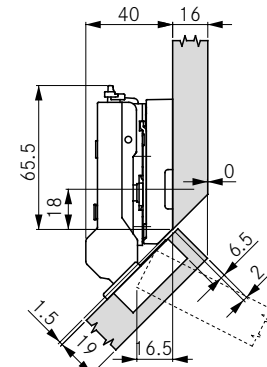
overlay



Mounting plate height 0



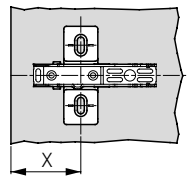
Mounting plate height 8



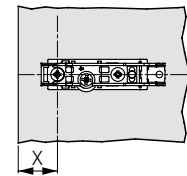
Mounting plate height 12

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

Mounting plate height



Cross mounting plates with fixing distance 37



Linear mounting plates

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

Cross mounting plate position (X)

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

Linear mounting plate position (X)

MINIMUM GAP

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

Minimum gap

MINIMUM REVEAL

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

Minimum reveal (F)

NOTES

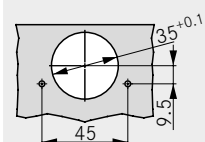
The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

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

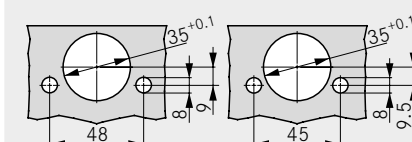
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

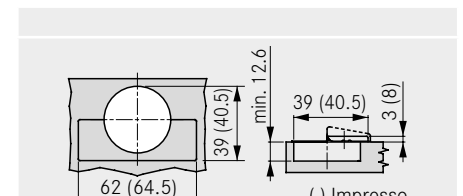
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



TIOMOS 110/45A

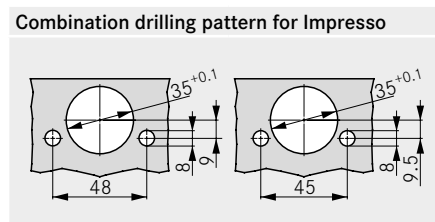
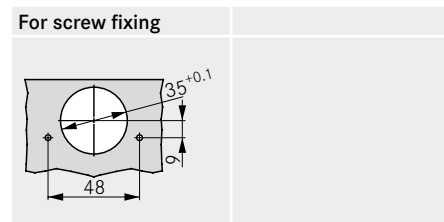
+45° angle corner cabinet hinge (overlay)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

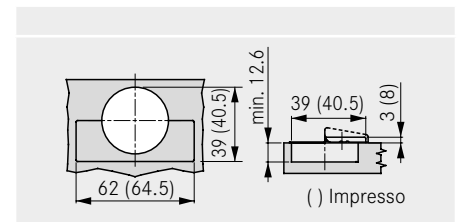
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay ¹		■	-	-	F028 138 107		F017 139 339
		-	■	-	F045 138 014		F034 139 310
		-	■	■	F046 138 198		-

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


DRILLING PATTERNS 48/9



CUP DIMENSIONS

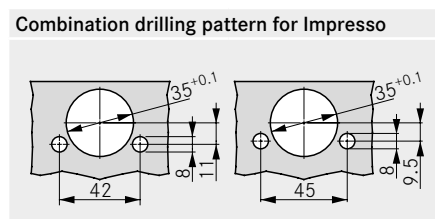
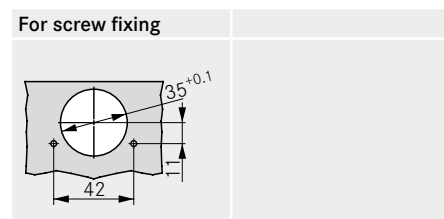


ORDER INFORMATION FOR DRILLING PATTERN 42/11

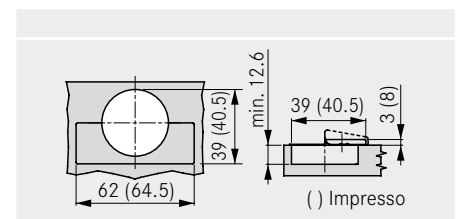
Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools
Overlay ¹		■	-	-	F028 138 351		F017 139 424
		-	■	-	F045 138 289		F034 139 395
		-	■	■	F046 138 411		-

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

DRILLING PATTERNS 42/11



CUP DIMENSIONS




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

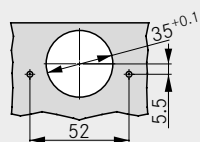
Door overlay		Damper			Item No.	Impresso without tools
		with	without	without spring		
Overlay ¹		■	-	-	F028 138715	F017 139509
		-	■	-	F045 138653	F034 139480
		-	■	■	F046 138775	-

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

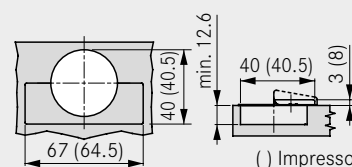
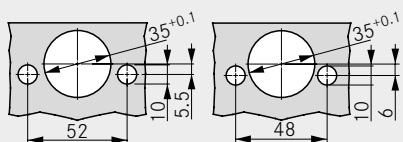
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

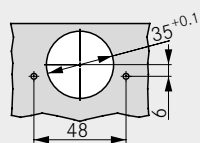
Door overlay		Damper			Item No.	Impresso without tools
		with	without	without spring		
Overlay ¹		■	-	-	F028 138897	F017 139509
		-	■	-	F045 138835	F034 139480
		-	■	■	F046 138957	-

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

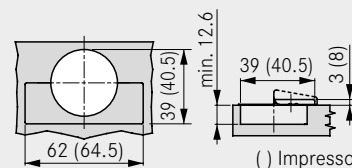
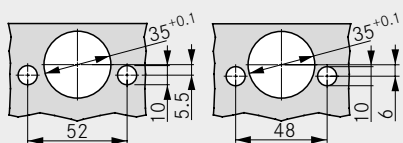
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 110/45E

+45° angle corner hinge (inset)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

Tiomos mounting plates	102
Accessories	112

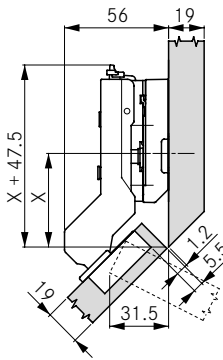
Tipmatic	302
Technical information	116

Assembly aids	358

INSTALLATION INFORMATION

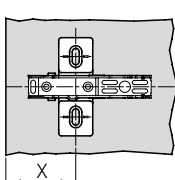
All dimensions in millimetres

Inset



Mounting plate height 14

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



Cross mounting plates with fixing distance 37

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

MINIMUM REVEAL

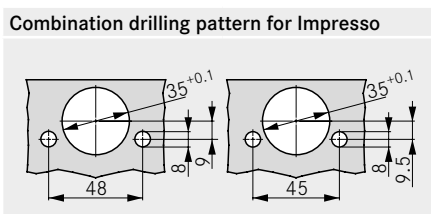
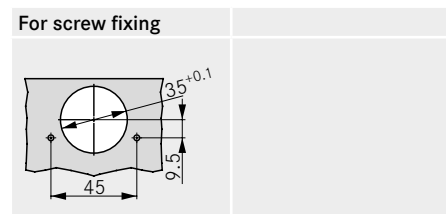
	Cup distance					
	3	4	5	6	7	
24.0	2.4	2.1	2.1	2.1	2.0	
22.0	1.6	1.6	1.6	1.5	1.5	
21.0	1.4	1.3	1.3	1.3	1.3	
20.0	1.1	1.1	1.1	1.1	1.1	
19.0	0.9	0.9	0.9	0.9	0.9	
18.0	0.7	0.7	0.7	0.7	0.7	
17.0	0.6	0.6	0.6	0.6	0.6	
16.0	0.6	0.6	0.6	0.6	0.6	
Door thickness						
	Minimum reveal (F)					

NOTES

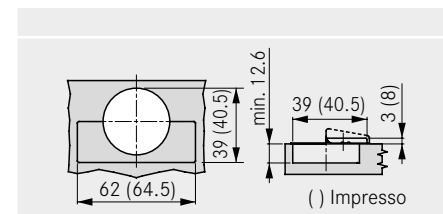
Minimum reveal for doors with bevelled edges ($R = 1\text{ mm}$) (factory setting).

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

DRILLING PATTERNS 45/9.5




CUP DIMENSIONS



TIOMOS 110/45E

+45° angle corner cabinet hinge (inset)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

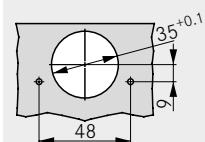
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138 108		F017 139 340
		-	■	-	F045 138 0 15		F034 139 3 11
		-	■	■	F046 138 1 99		-

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

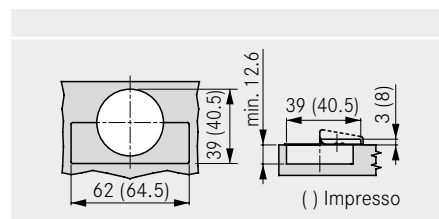
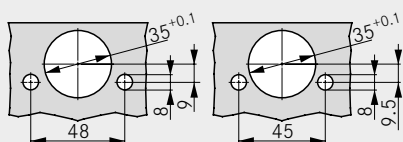
DRILLING PATTERNS 48/9

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

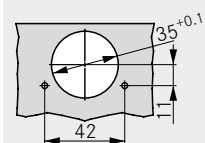
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138 3 52		F017 139 4 25
		-	■	-	F045 138 2 90		F034 139 3 96
		-	■	■	F046 138 4 12		-

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

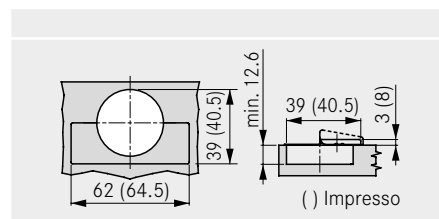
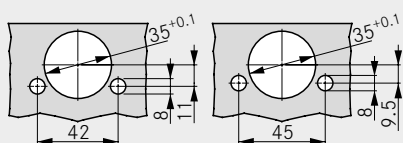
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

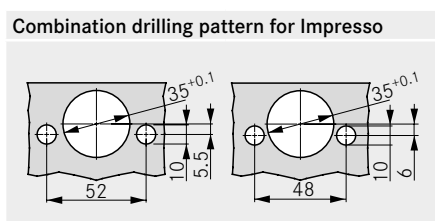
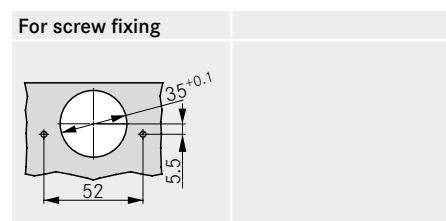
Assembly aids	358
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ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

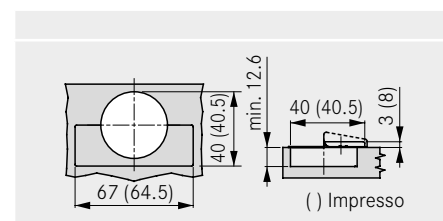
Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138716		F017139510
		-	■	-	F045 138654		F034139481
		-	■	■	F046 138776		-

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


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS

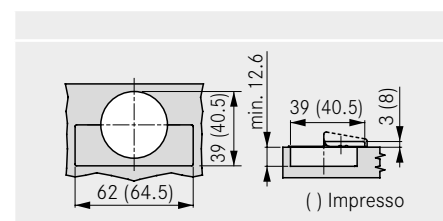
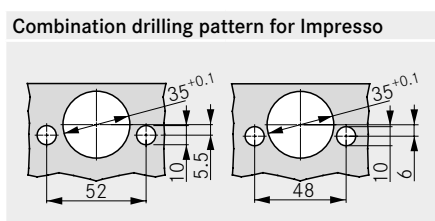
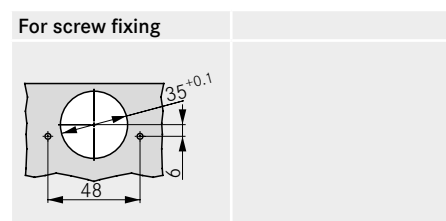


ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools
Inset ¹		■	-	-	F028 138898		F017139510
		-	■	-	F045 138836		F034139481
		-	■	■	F046 138958		-

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

DRILLING PATTERNS 48/6



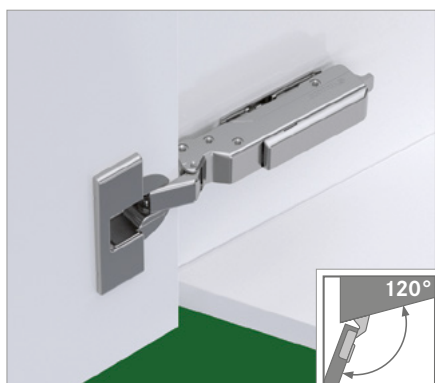
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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TIOMOS 120/-15A

-15° angle corner cabinet hinge (overlay)



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

Available in 2 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

Door overlay		Damper			Click-on For screw fixing	Item No.	
		with	without	without spring			Impresso without tools ²
Overlay ¹		■	-	-	F028 138555		F017 139347
		-	■	-	F045 138493		F034 139318

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

² Available on request

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.

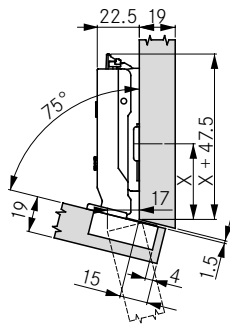
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

INSTALLATION INFORMATION

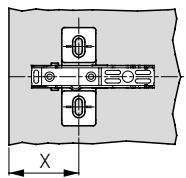
All dimensions in millimetres

overlay



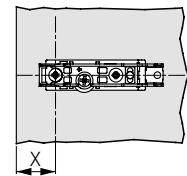
Mounting plate height 0

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



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM REVEAL

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

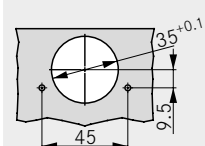
NOTES

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

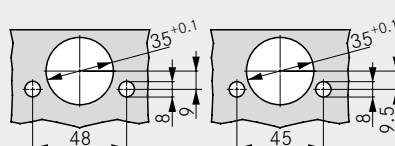
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

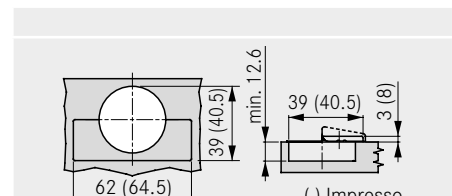
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



TIOMOS 120/-15A

-15° angle corner cabinet hinge (overlay)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

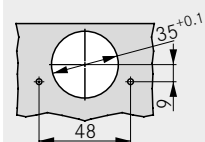
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

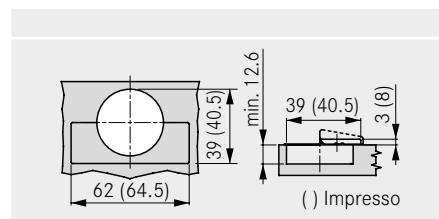
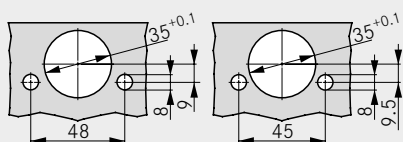
DRILLING PATTERNS 48/9

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

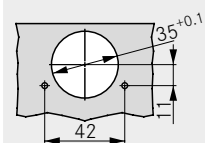
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

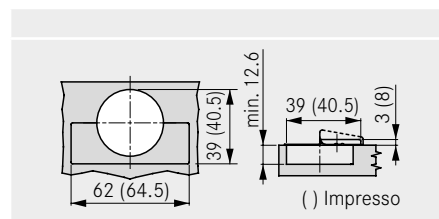
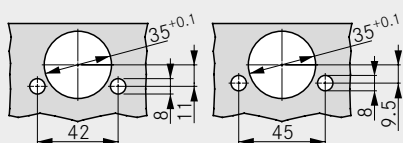
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

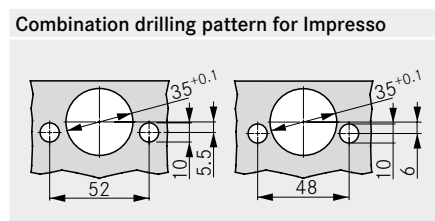
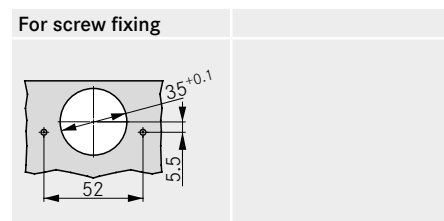
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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

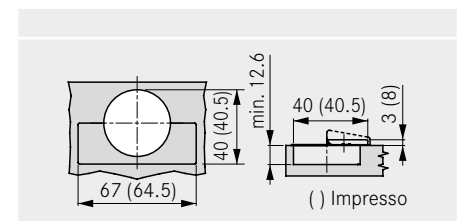
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS



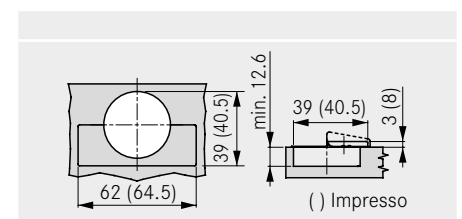
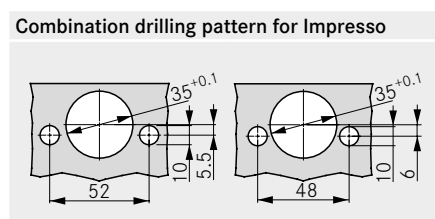
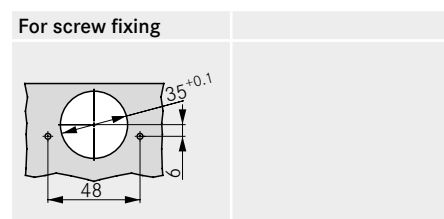
ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

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

² Available on request

DRILLING PATTERNS 48/6



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

TIOMOS 120/-30A

-30° angle corner cabinet hinge (overlay)



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

Available in 2 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

² Available on request

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.

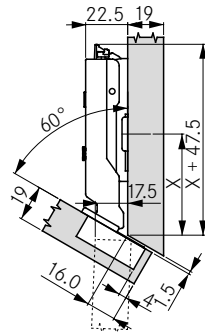
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

INSTALLATION INFORMATION

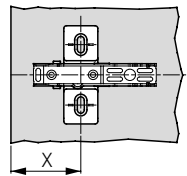
All dimensions in millimetres

overlay



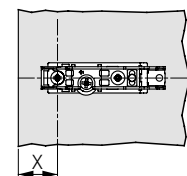
Mounting plate height 0

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



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM REVEAL

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

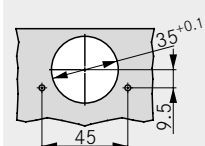
NOTES

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

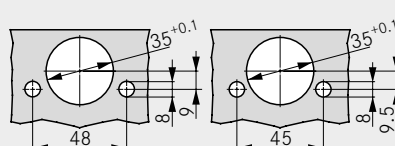
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

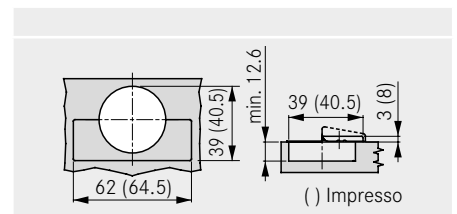
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



TIOMOS 120/-30A

-30° angle corner cabinet hinge (overlay)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools ²
Overlay ¹		■	-	-	F028 138 130		F017 139 348
		-	■	-	F045 138 037		F034 139 319

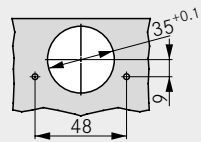
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

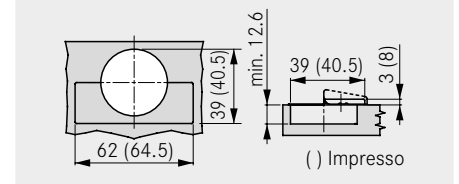
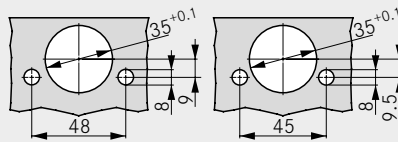
DRILLING PATTERNS 48/9

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools ²
Overlay ¹		■	-	-	F028 138 374		F017 139 433
		-	■	-	F045 138 312		F034 139 404

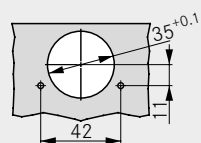
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

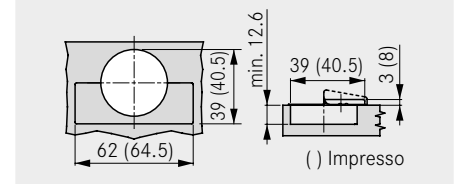
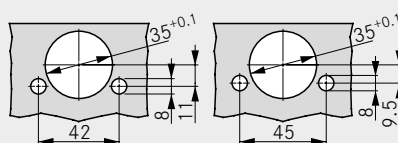
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

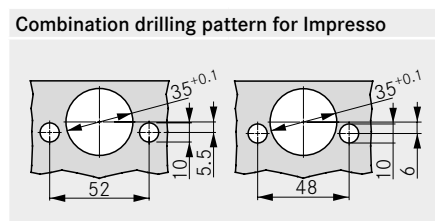
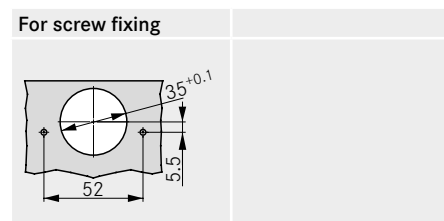
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools ²
Overlay ¹		■	-	-	F028 138738		F017 139518
		-	■	-	F045 138676		F034 139489

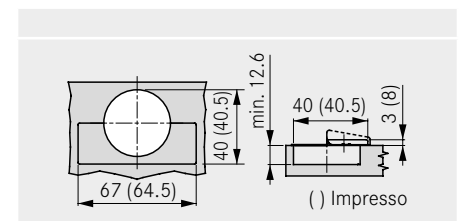
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request


DRILLING PATTERNS 52/5.5



CUP DIMENSIONS



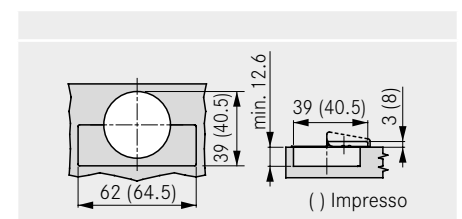
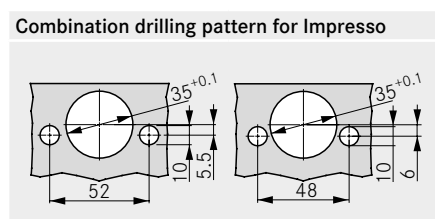
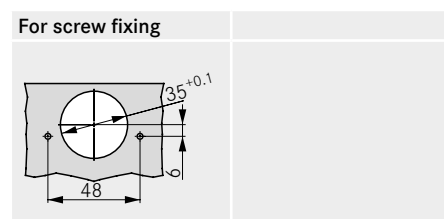
ORDER INFORMATION FOR DRILLING PATTERN 48/6

Door overlay		Damper			Item No.		
		with	without	without spring	Click-on For screw fixing		Impresso without tools ²
Overlay ¹		■	-	-	F028 138920		F017 139518
		-	■	-	F045 138858		F034 139489

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

² Available on request

DRILLING PATTERNS 48/6

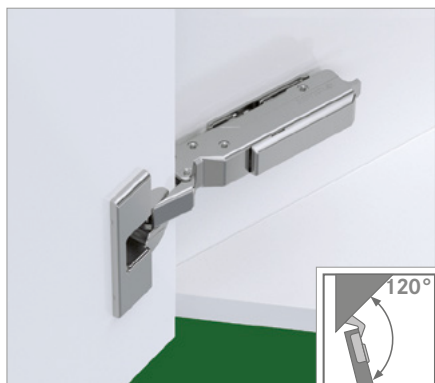


Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

TIOMOS 120/-45A

-45° angle corner cabinet hinge (overlay)



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

Available in 2 versions:

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

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

² Available on request

COVER CAPS

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

ACCESSORIES

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

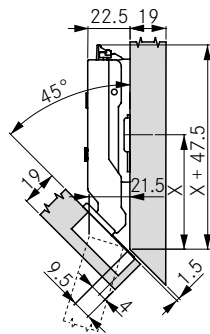
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

INSTALLATION INFORMATION

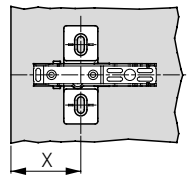
All dimensions in millimetres

overlay



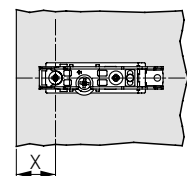
Mounting plate height 0

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



Cross mounting plates with fixing distance 37

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



Linear mounting plates

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

MINIMUM REVEAL

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

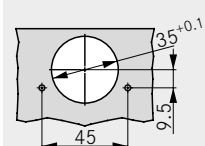
NOTES

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

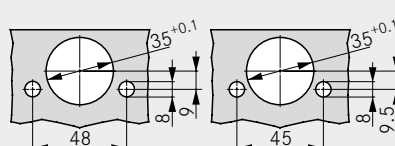
We recommend a trial fitting.

DRILLING PATTERNS 45/9.5

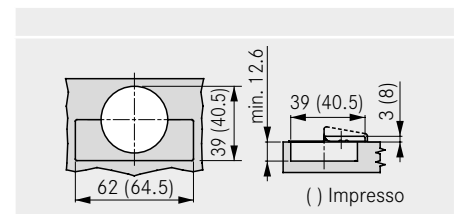
For screw fixing



Combination drilling pattern for Impresso




CUP DIMENSIONS



TIOMOS 120/-45A

-45° angle corner cabinet hinge (overlay)

ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

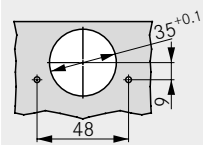
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

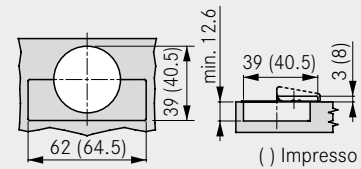
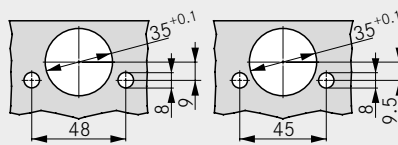
DRILLING PATTERNS 48/9

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

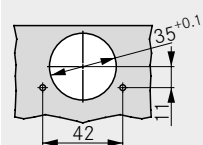
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

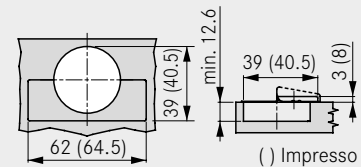
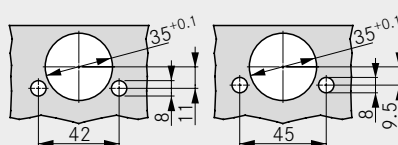
DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing




Combination drilling pattern for Impresso



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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

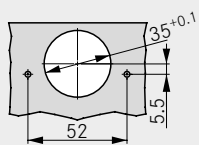
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

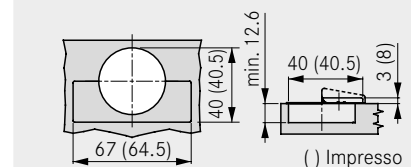
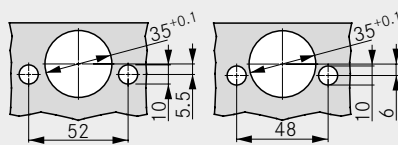
DRILLING PATTERNS 52/5.5

CUP DIMENSIONS


For screw fixing



Combination drilling pattern for Impresso



ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

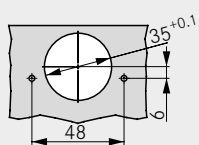
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

² Available on request

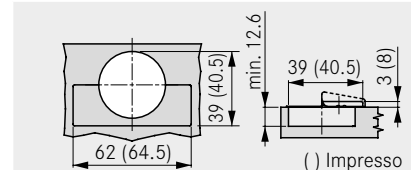
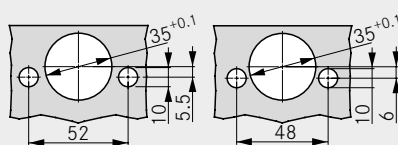
DRILLING PATTERNS 48/6

CUP DIMENSIONS

For screw fixing



Combination drilling pattern for Impresso

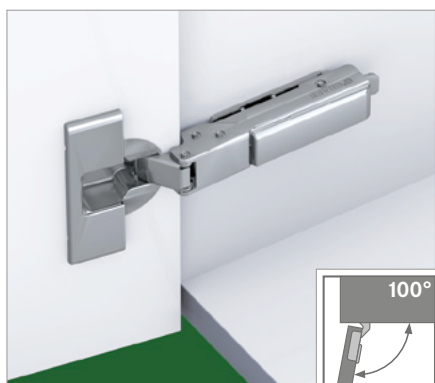


Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

TIOMOS 100

100° refrigeration hinge



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

Available in 1 version:

- Without integrated damper

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

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

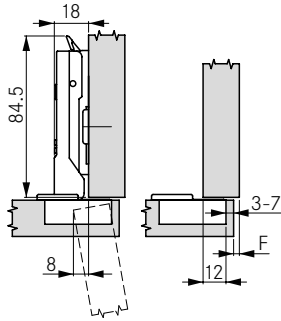
Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

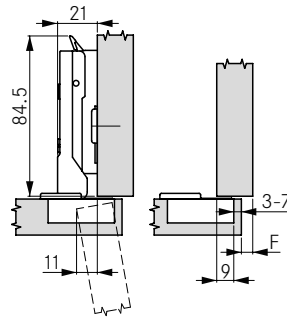
INSTALLATION INFORMATION

All dimensions in millimetres

overlay



Mounting plate height 0



Mounting plate height 3

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

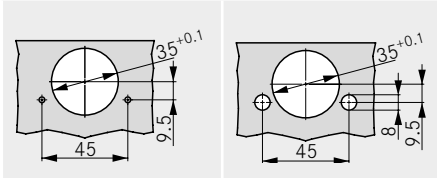
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

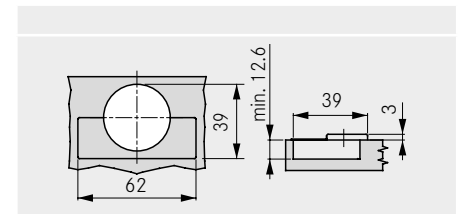
For door thicknesses of 24 mm and above, a trial fitting is recommended.

DRILLING PATTERNS 45/9.5

For screw fixing




CUP DIMENSIONS



TIOMOS 100

100° refrigerator hinge

ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

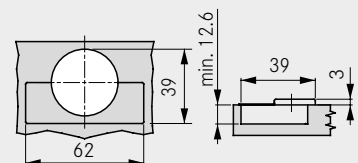
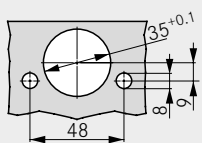
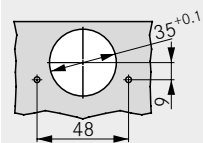
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9


CUP DIMENSIONS

For screw fixing

For press fitting



ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

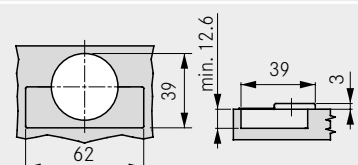
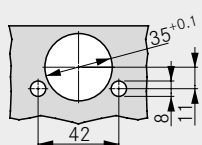
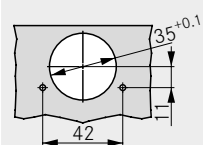
¹ Cup material: steel, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 42/11

CUP DIMENSIONS

For screw fixing


For press fitting



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

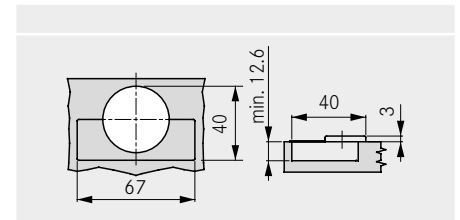
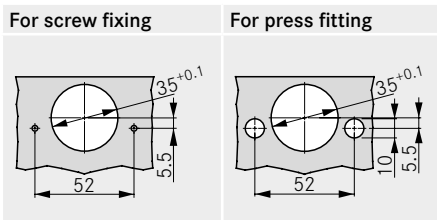
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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


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

DRILLING PATTERNS 52/5.5

CUP DIMENSIONS



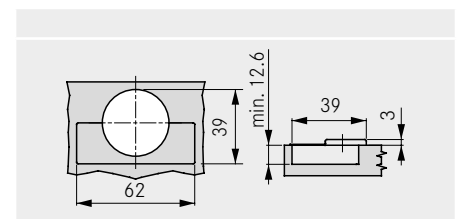
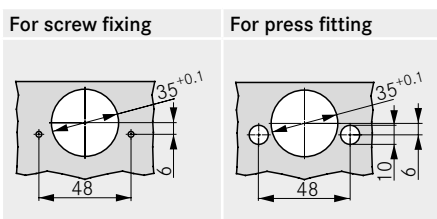
ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

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

DRILLING PATTERNS 48/6

CUP DIMENSIONS

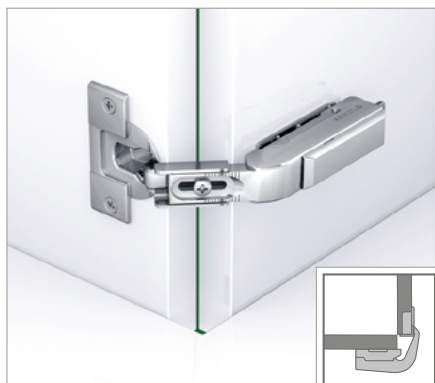


Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

TIOMOS PCC

Pie-cut corner hinge



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

Available in 1 version:

- Without integrated damper

ORDER INFORMATION FOR DRILLING PATTERN 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

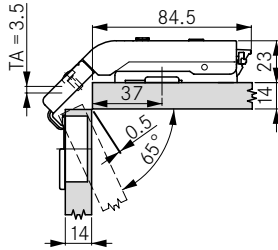
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			
	Unclipping protector	F072 135807			

Tiomos mounting plates	102
Accessories	112

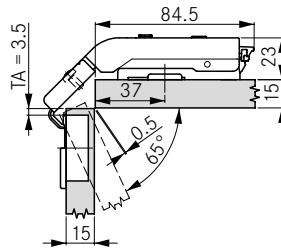
Technical information	116
Assembly aids	358

INSTALLATION INFORMATION

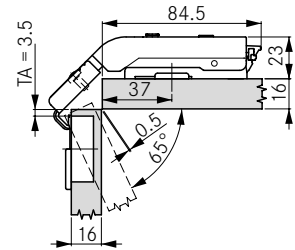
All dimensions in millimetres



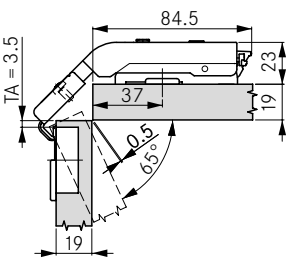
Door thickness (TS) 14 mm
Cup distance (TA) 3.5 mm
Mounting plate height 0



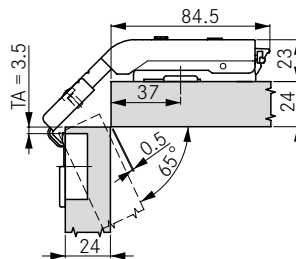
Door thickness (TS) 15 mm
Cup distance (TA) 3.5 mm
Mounting plate height 0



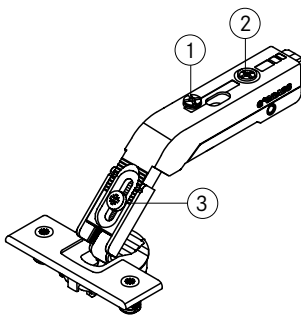
Door thickness (TS) 16 mm
Cup distance (TA) 3.5 mm
Mounting plate height 0



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



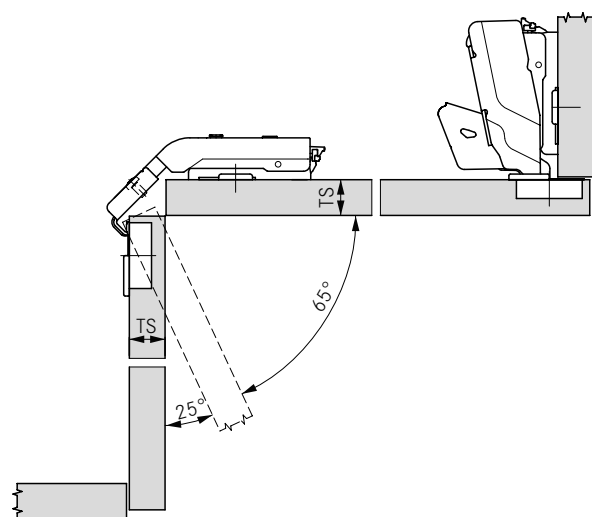
Door thickness (TS) 24 mm
Cup distance (TA) 3.5 mm
Mounting plate height 0



Adjustment in the hinge arm:

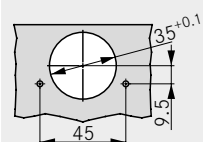
1. Stepless side adjustment ± 2 mm
2. Stepless depth adjustment via worm gear $+ 3/-2$ mm
3. Door thickness 14 - 24 mm (factory setting 19 mm)

Height adjustment via mounting plate

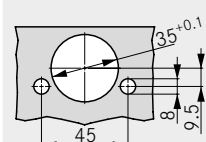


DRILLING PATTERNS 45/9.5

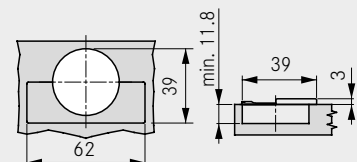
For screw fixing



For press fitting




CUP DIMENSIONS



TIOMOS PCC

Pie-cut corner hinge

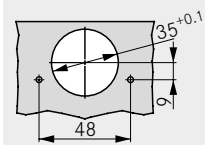
ORDER INFORMATION FOR DRILLING PATTERN 48/9

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

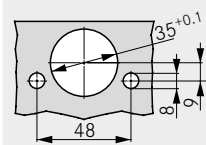
Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/9

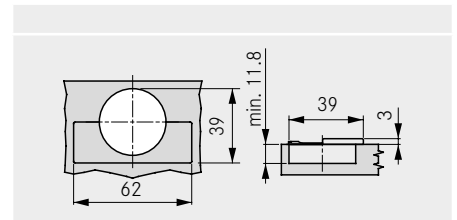
For screw fixing




For press fitting



CUP DIMENSIONS



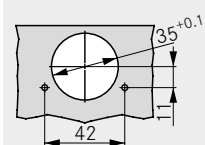
ORDER INFORMATION FOR DRILLING PATTERN 42/11

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

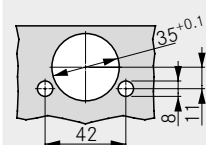
Cup material: Zamak, nickel-plated / Arm material: Zamak, nickel-plated

DRILLING PATTERNS 42/11

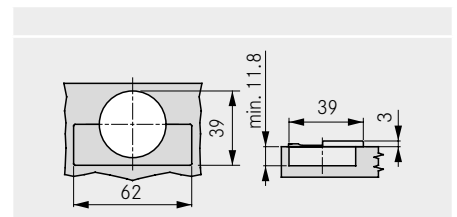
For screw fixing



For press fitting




CUP DIMENSIONS



Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

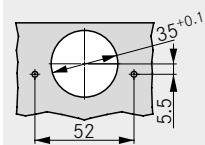
ORDER INFORMATION FOR DRILLING PATTERN 52/5.5

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

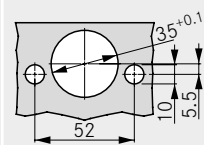
Cup material: Zamak, nickel-plated /Arm material: Zamak, nickel-plated

DRILLING PATTERNS 52/5.5

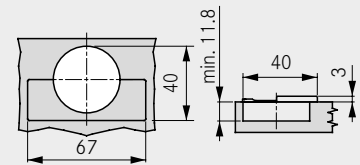
For screw fixing




For press fitting



CUP DIMENSIONS



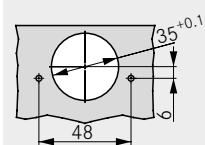
ORDER INFORMATION FOR DRILLING PATTERN 48/6

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

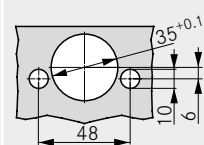
Cup material: Zamak, nickel-plated /Arm material: Zamak, nickel-plated

DRILLING PATTERNS 48/6

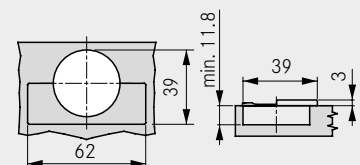
For screw fixing



For press fitting



CUP DIMENSIONS

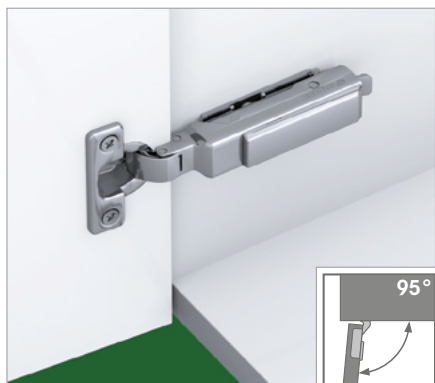


Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

TIOMOS 95 MINI

95° mini-hinge



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

Available in 2 versions:

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

ORDER INFORMATION

Door overlay	Cranking	Damper		without spring	Click-on For screw fixing	Item No.	
		with	without				
overlay ¹		-	■	-	F045139063		
		-	■	■	F045139064		

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

COVER CAPS

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

ACCESSORIES

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

Tiomos mounting plates	102
Accessories	112

Technical information	116
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

overlay

Mounting plate height 2

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

MINIMUM GAP

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

MINIMUM REVEAL

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

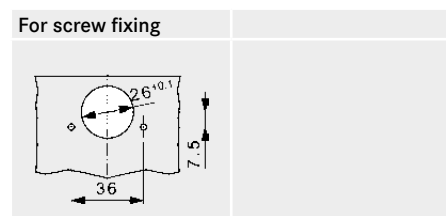
NOTES

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

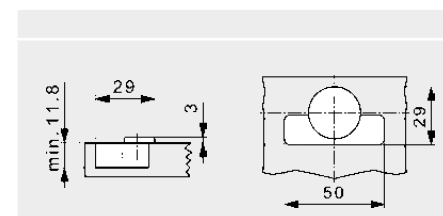
Minimum reveal for doors with bevelled edges (R = 1 mm) (factory setting).

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

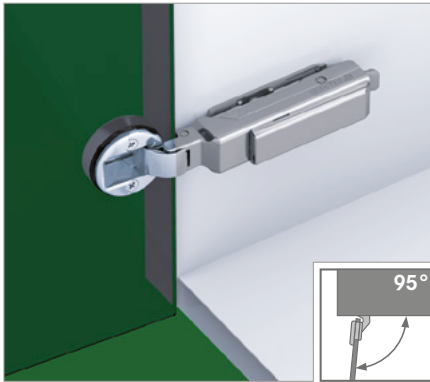


CUP DIMENSIONS



TIOMOS 95 GL MINI

95° glass door hinge



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

Available in 1 version:

- Without integrated damper

ORDER INFORMATION

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

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

COVER CAPS

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

DECORATIVE COVER CAPS

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

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

ACCESSORIES

	Designation	Item No.
	Unclipping protector	F072 135807

	Designation	Item No.

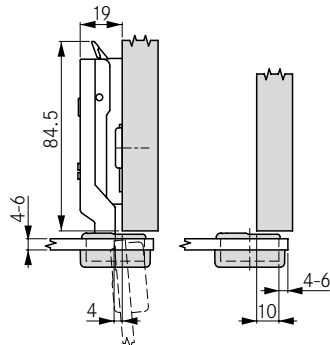
Tiomos mounting plates	102
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INSTALLATION INFORMATION

All dimensions in millimetres

overlay



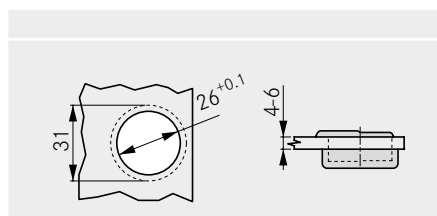
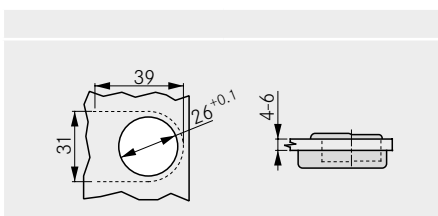
Mounting plate height 2

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

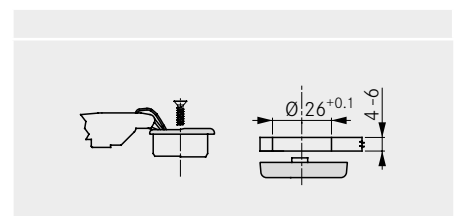
NOTES

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

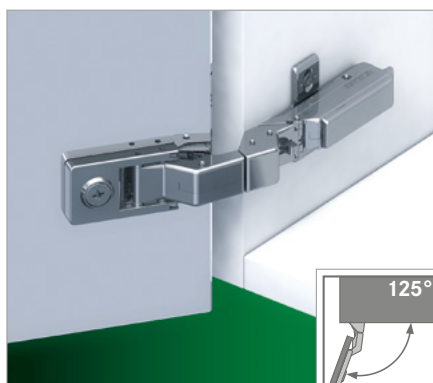


CUP DIMENSIONS



TIOMOS MIRRO

125° mirror hinge



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

Available in 3 versions:

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

ORDER INFORMATION

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

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

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic pin for wooden and aluminium frame doors	F069135396		+5° wedge	F072135757
	90° opening angle reduction clip	F072135871		-5° wedge	F072135758
	Stainless steel adapter Tiomos Mirro for mirrors	F069073731			

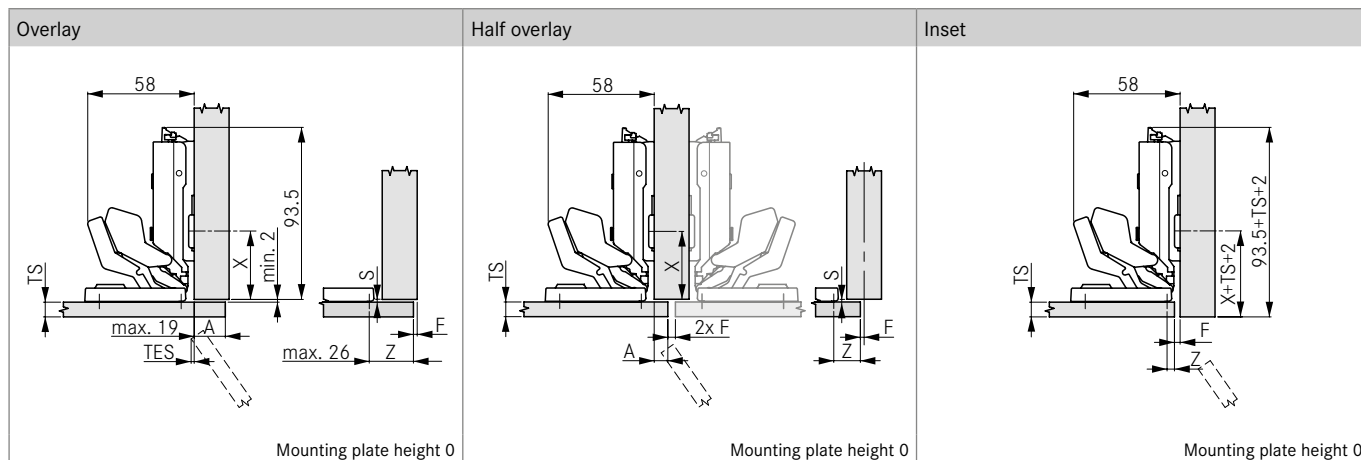
Tiomos mounting plates	102
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Tipmatic	302
Technical information	116

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

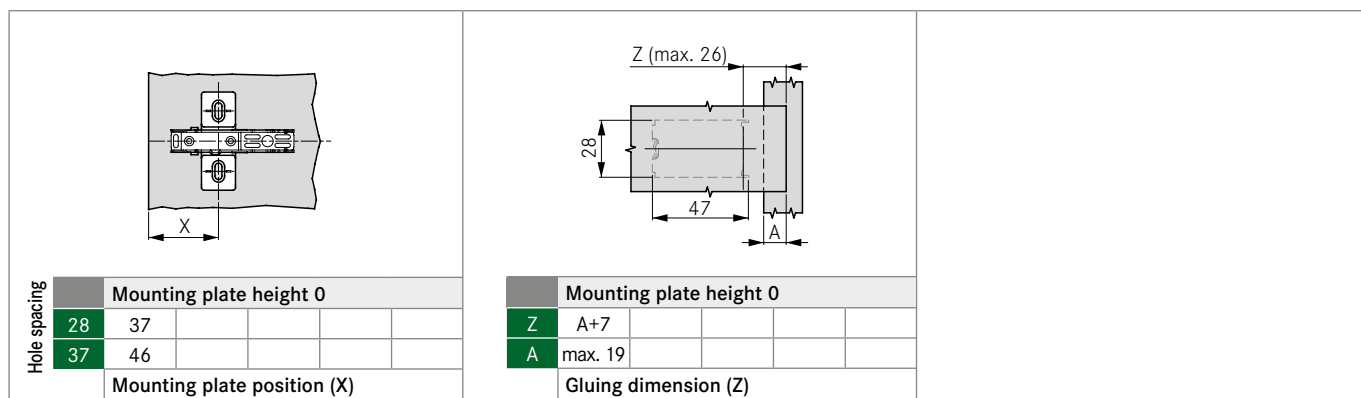


MINIMUM GAP/MINIMUM REVEAL

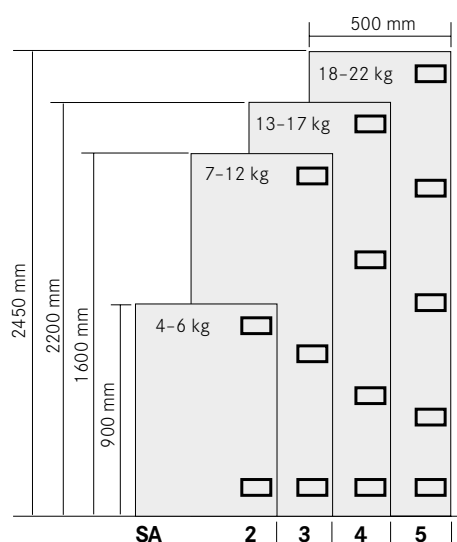
values for 0 mounting plate height

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

ECO CROSS-MOUNTING PLATE STAINLESS STEEL ADAPTER



NUMBER OF HINGES



NOTES

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

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

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

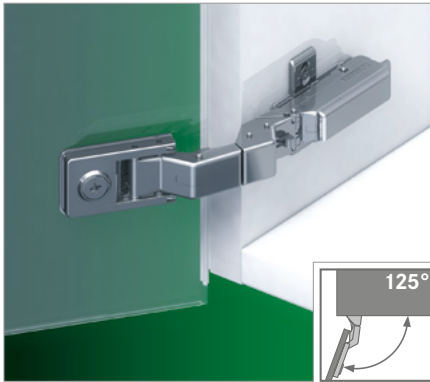
- ① **Installation advice:** Please contact your glass or door supplier in respect of glue selection and how to use the glue for fastening of the hinge retainer on mirror or glass doors.

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

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

TIOMOS MIRRO

125° mirror/clear glass hinge



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

Available in 3 versions:

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

ORDER INFORMATION

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

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

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic pin for wooden and aluminium frame doors	F069135396		+5° wedge	F072135757
	90° opening angle reduction clip	F072135871		-5° wedge	F072135758
	Zamak adapter, Tiomos Mirro for mirrors and clear glass	F072135868			

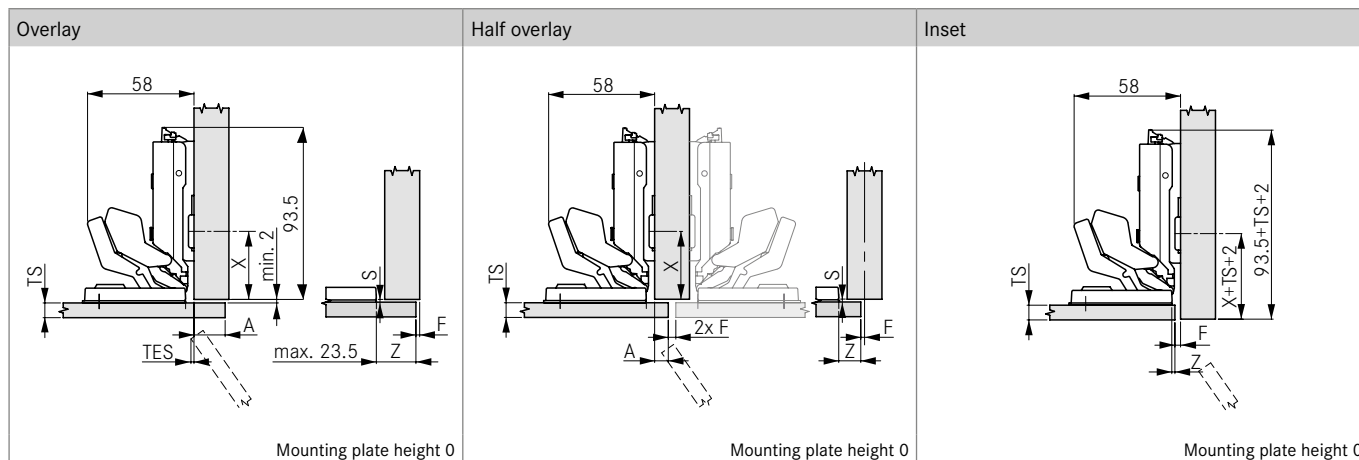
Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

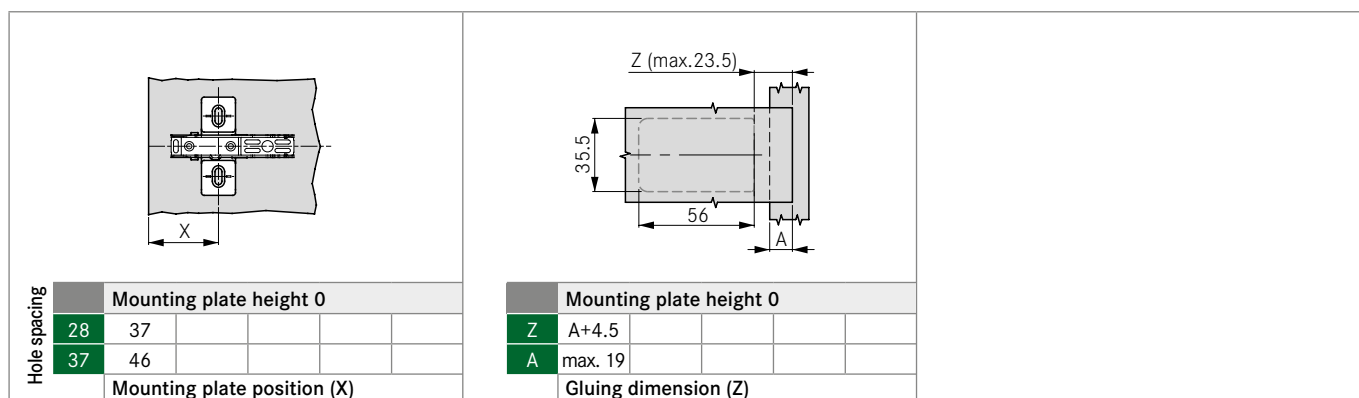


MINIMUM GAP/MINIMUM REVEAL

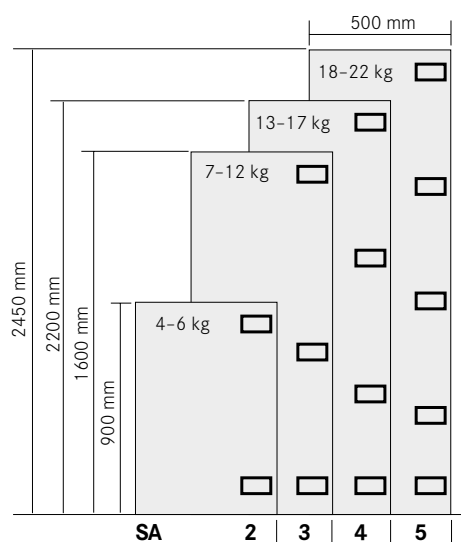
values for 0 mounting plate height

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

ECO CROSS-MOUNTING PLATE ZAMAK ADAPTER



NUMBER OF HINGES



NOTES

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

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

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

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

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

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




TIOMOS MIRRO

125° mirror/clear glass hinge




INSTALLATION INFORMATION

All dimensions in millimetres

Angle applications

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

Angle applications

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




Tiomos mounting plates	102
Accessories	112

Tipmatic	302
Technical information	116

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

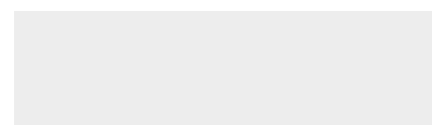
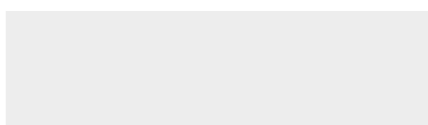
Angle applications								
-5° WEDGE surface-mounted			-5° WEDGE inset			-10° WEDGE inset		
Adapter	Z	 min. 20	Adapter	Z	 min. 20	Adapter	Z	 min. 25
Stainless steel	22.5		Stainless steel	14		Stainless steel	23.5	
Zamak	20		Zamak	11.5		Zamak	21	
	Height	Item No.		Height	Item No.		Height	Item No.
ECO cross-mounting plate	0	F058139721	ECO cross-mounting plate	0	F058139721	ECO cross-mounting plate	0	F058139721
-5° wedge	3	F072135758	-5° wedge	3	F072135758	-5° wedge (2x)	3	F072135758

NOTE

Trial fitting is recommended for all door thicknesses.

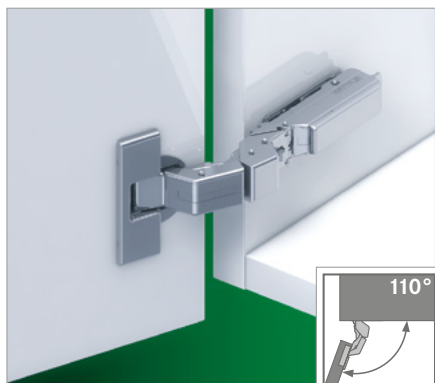
LEGEND

Z	Gluing position
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TIOMOS M9

110° hinge (door thicknesses from 12 mm)



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

Available in 3 versions:

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

ORDER INFORMATION FOR DRILLING TEMPLATE 45/9.5

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

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

COVER CAPS

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

ACCESSORIES

	Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Tipmatic pin for wooden and aluminium frame doors	F069135396

	Designation	Item No.
	90° opening angle reduction clip	F072135871

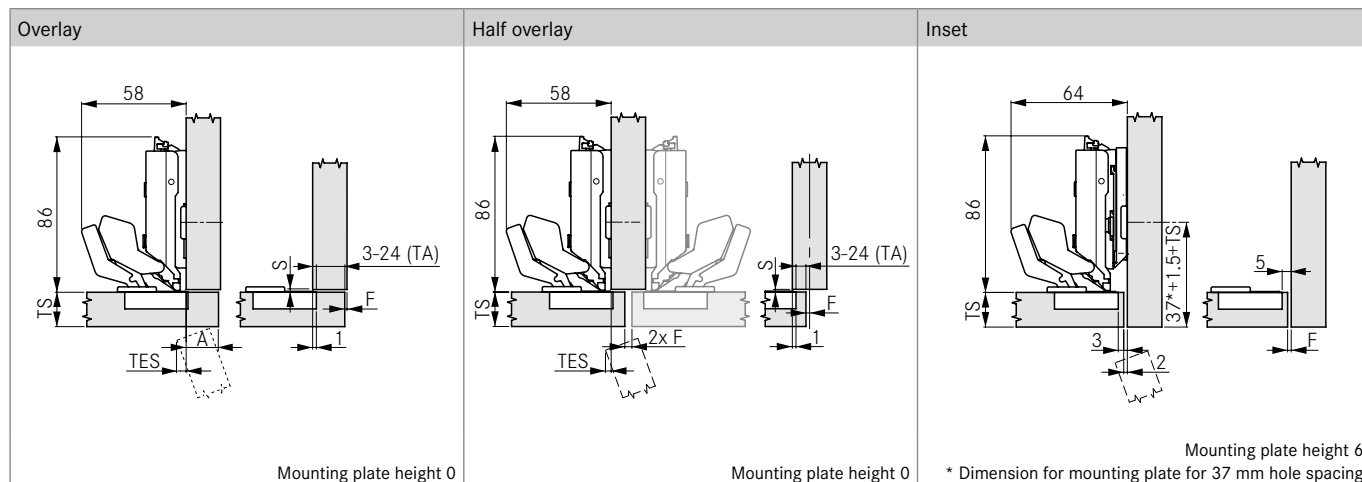
Tiomos mounting plates	102
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INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

values for 0 mounting plate height

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

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

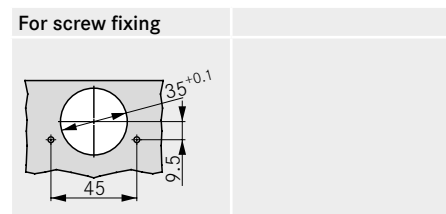
¹ Value achievable by use of a 90° opening angle reduction clip

NOTE

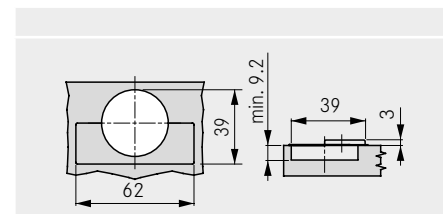
Minimum reveal for doors with chamfered edges (R = 1 mm) set at factory setting.

Trial fitting is recommended for all door thicknesses.

DRILLING TEMPLATE 45/9.5



CUP DIMENSIONS

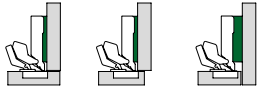


Tiomos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

TIOMOS M9

110° hinge (door thicknesses from 12 mm)

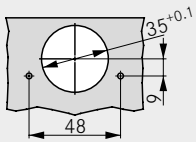
ORDER INFORMATION FOR DRILLING TEMPLATE 48/9

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

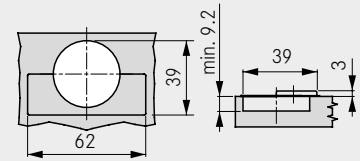
Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

DRILLING TEMPLATE 48/9


For screw fixing



CUP DIMENSIONS



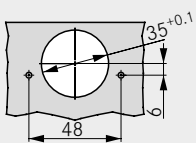
ORDER INFORMATION FOR DRILLING TEMPLATE 48/6

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

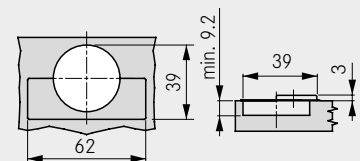
Cup material: Zamak, nickel-plated/arm material: Zamak, nickel-plated

DRILLING TEMPLATE 48/6

For screw fixing



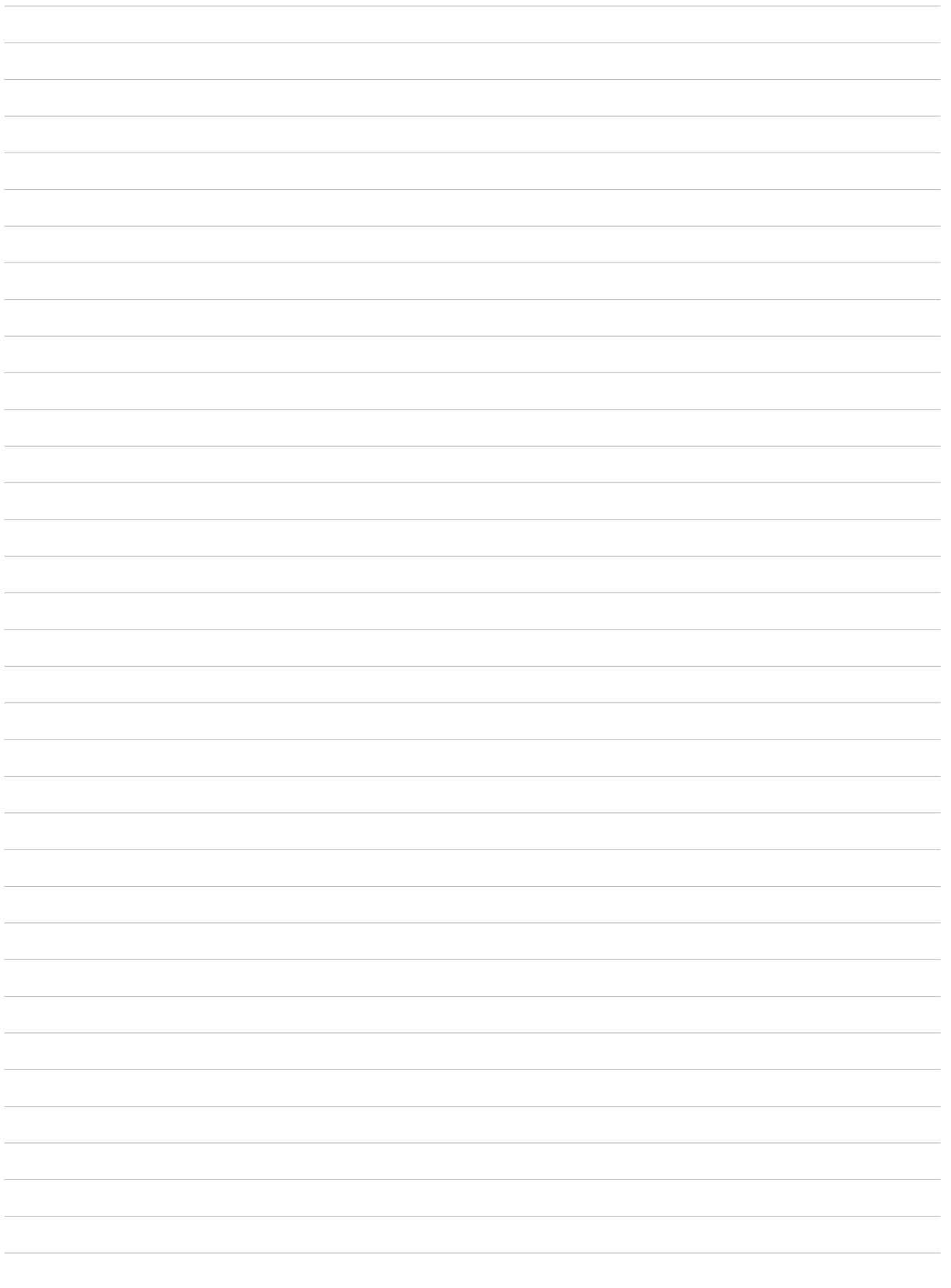
CUP DIMENSIONS



Tiomos mounting plates	102
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Tiomos

Nexis

Special
hinges

Single-joint
hinges

Cabinet making
accessories

TIOMOS M9

110° hinge (door thicknesses from 12 mm)

INSTALLATION INFORMATION

All dimensions in millimetres

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

NOTE

With circumferential mitred application all sides 1.4 mm reveal.

Tiomos mounting plates	102
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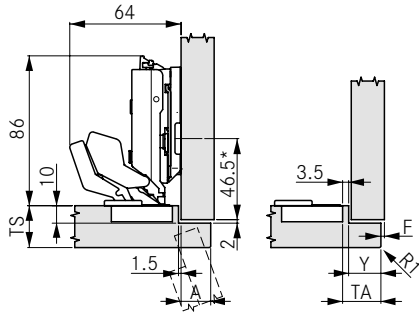
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Rebated applications

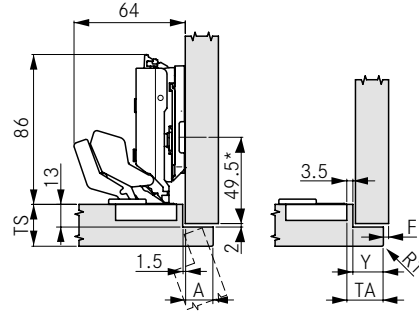
10 mm



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

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

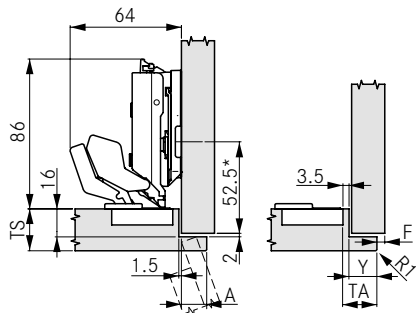
13 mm



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

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

16 mm



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

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

LEGEND

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

Tiomos

Nexis

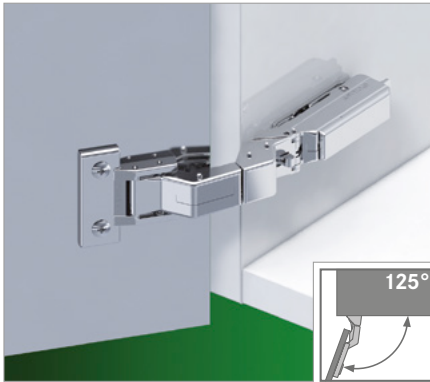
Special hinges

Single-joint hinges

Cabinet making accessories

TIOMOS M0

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



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

Available in 3 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

	Designation	Item No.
	+5° wedge	F072135757
	-5° wedge	F072135758

FASTENING OPTIONS

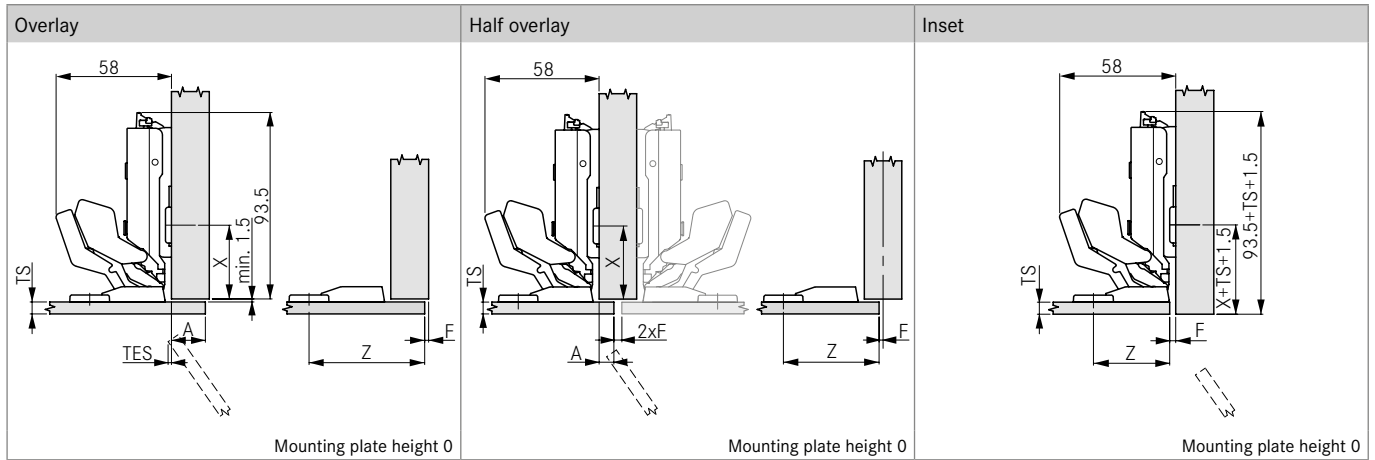
	Designation	Item No.
	Countersunk screw PH2, M5 x 6 mm For a minimum door thickness of 6 mm For aluminium, HPL, mineral composite	F072135923
	Euro cheesehead screw Ø 6.3 x 10.5 For a minimum door thickness of 10 mm, for chipboard, MDF	F072135768
	Countersunk screw M4 x 8 mm, sleeve M4 x 5.5 mm, internal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

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

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INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM GAP/MINIMUM REVEAL

Values with a mounting plate height 0

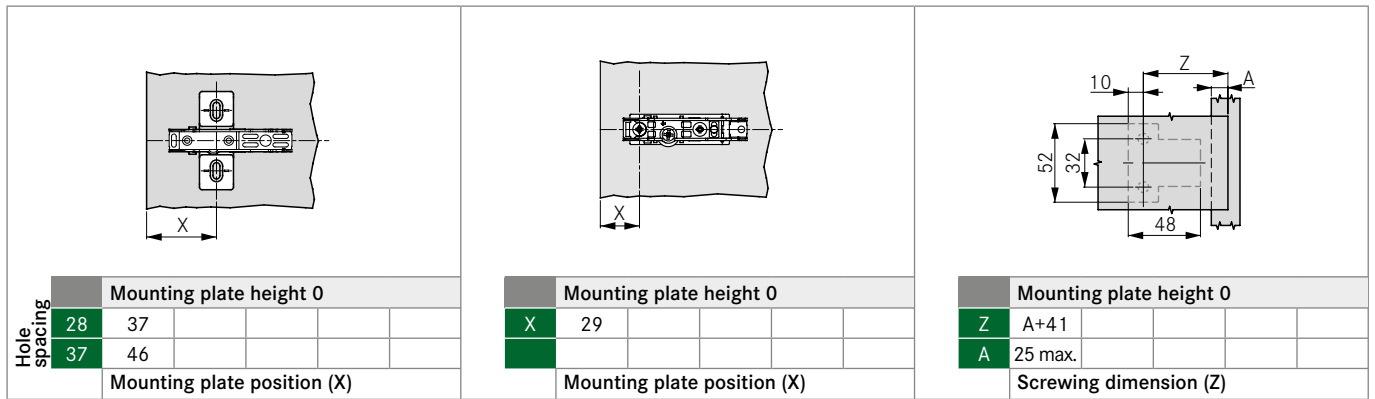
Screwing dimension (Z)	38	39	47	49	51	53	55	56	58	60	61	63	64	66
Door protrusion (TES)	0	0	0	0	0	0	0	0.5	1.5	3	3.4	0	0	0
Door overlay (A)	-3	-2	6	8	10	12	14	15	17	19	20	22 ¹	23 ¹	25 ¹
Min. reveal (F)/gap (S)	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S	F S
Door thickness 6-10 (TS)	2	1.5	2	1.5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

¹ Door thickness A = 22 - 25 only with opening angle reduction clip.

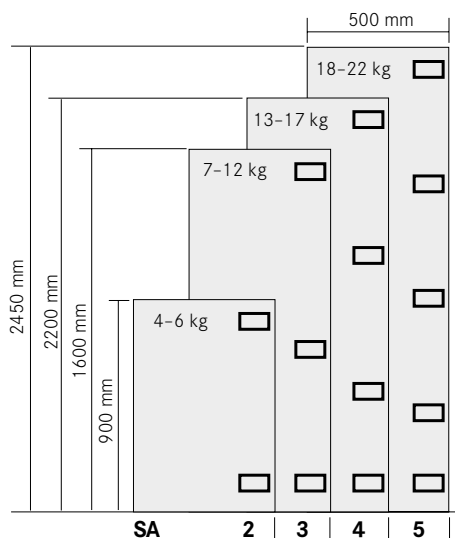
CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

SCREWING POSITION



NUMBER OF HINGES



NOTES

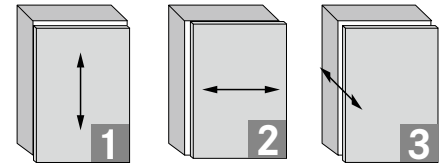
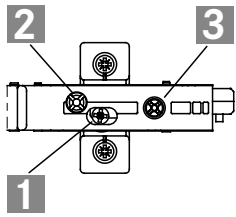
An inset application is achieved with the mounting plate (X) and a low housing screwing distance (Z).

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

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

TIOMOS

Mounting plates



(HV) Height adjustment
+/-2 mm

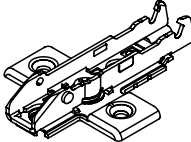
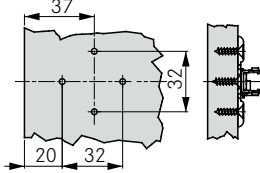
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

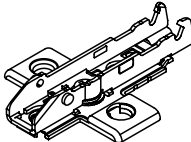
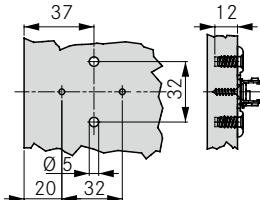
All adjustments can be carried out independently of each other.

ORDER INFORMATION

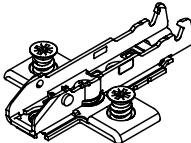
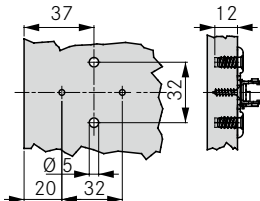
1D CROSS MOUNTING PLATE, 4-POINT FIXING

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

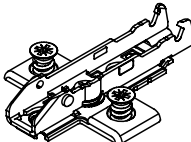
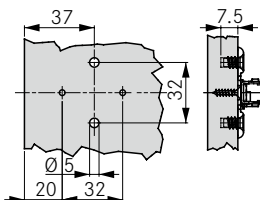
1D CROSS MOUNTING PLATE, 4-POINT FIXING

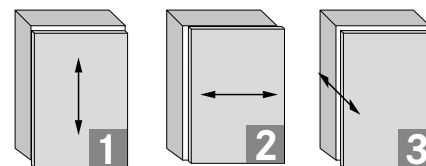
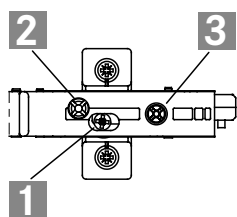
For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with Euro screws Ø 6.3 mm With convenient height adjustment (HV) via worm gear 		0	F058139756
		2	F058139757
		3	F058139758
		3.5	F058139759

1D CROSS MOUNTING PLATE, 4-POINT FIXING

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

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

With pre-assembled Euro screws (10 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled Euro screws Ø 6.3 x 10 mm With convenient height adjustment (HV) via worm gear For twin application 		0	F058139863
		2	F058139864
		3	F058139865
		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	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with \varnothing 10 mm dowels With convenient height adjustment (HV) via worm gear Do not use a hammer for inserting the mounting plate 		0	F058139751
		2	F058139752
		3	F058139753
		3.5	F058139754

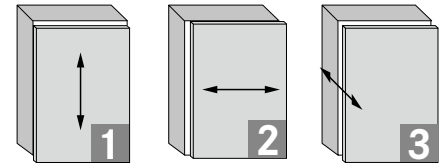
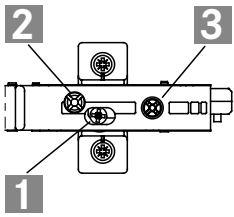
QUICK 1D CROSS MOUNTING PLATE, 4-POINT FIXING

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

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

TIOMOS

Mounting plates



(HV) Height adjustment
+/-2 mm

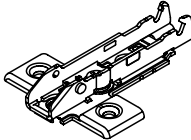
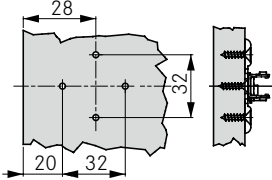
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

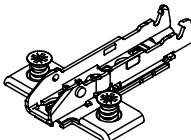
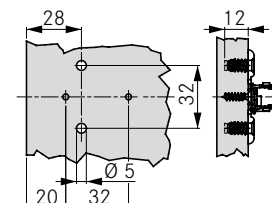
All adjustments can be carried out independently of each other.

ORDER INFORMATION

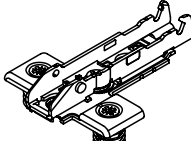
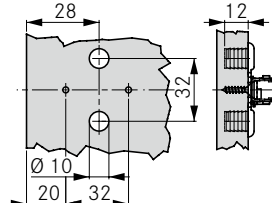
1D CROSS MOUNTING PLATE, 4-POINT FIXING

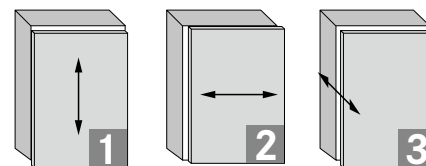
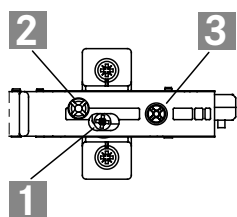
For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with wood screws Ø 3.5 x 15 mm With convenient height adjustment (HV) via worm gear 		0	F058139796
		2	F058139797
		3	F058139798
		3.5	F058139799

1D CROSS MOUNTING PLATE, 4-POINT FIXING

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

1D CROSS MOUNTING PLATE, 4-POINT FIXING

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



(HV) Height adjustment
+/-2 mm

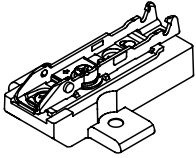
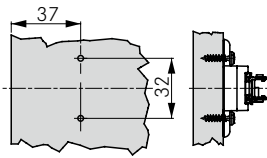
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

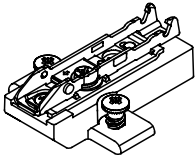
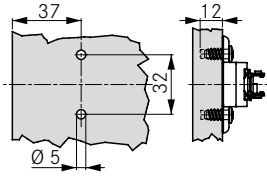
All adjustments can be carried out independently of each other.

ORDER INFORMATION

1D CROSS MOUNTING PLATE, 2-POINT SCREW FIXING

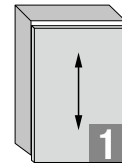
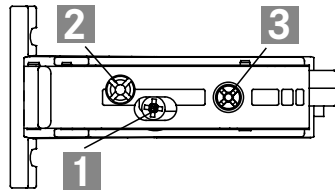
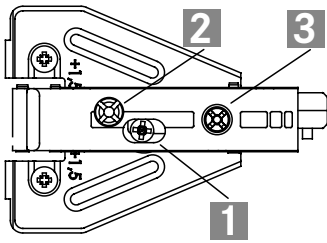
For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> Zamak/steel, nickel-plated Fixing with wood screws $\varnothing 3.5 \times 15$ mm With convenient height adjustment (HV) via worm gear 		6	F058139892
		8	F058139886
		9	F058139887
		9.5	F058139888
		12	F058139893
		14	F058139889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

1D CROSS MOUNTING PLATE, 2-POINT FIXING

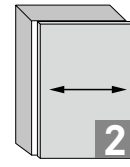
With pre-assembled Euro screws (13.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> Zamak/steel, nickel-plated Fixing with pre-assembled Euro screws $\varnothing 6.3 \times 13.5$ mm With convenient height adjustment (HV) via worm gear 		6	F058139873
		8	F058139880
		9	F058139881
		9.5	F058139882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

TIOMOS

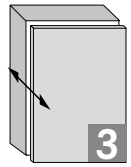
Mounting plates



(HV) Height adjustment
+/-2 mm



(SV) Side adjustment
+/-2 mm

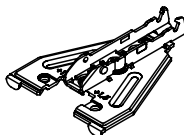
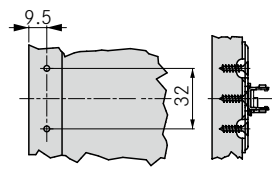


(TV) Depth adjustment
+3/-2 mm

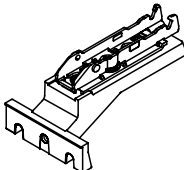
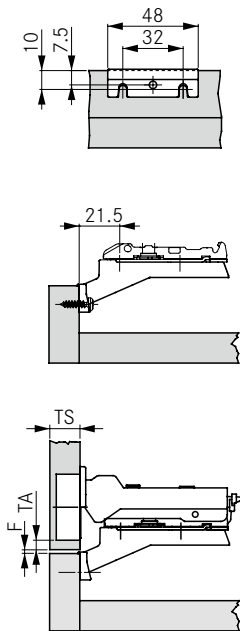
All adjustments can be carried out independently of each other.

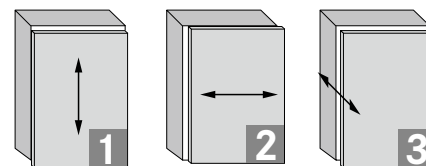
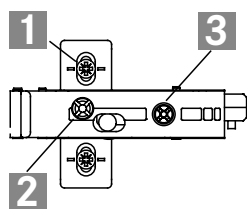
ORDER INFORMATION

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

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

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

For screw fixing	10/32	Height	Item No.																																																
<ul style="list-style-type: none"> 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	F058139831																																																
		<table border="1"> <thead> <tr> <th rowspan="2">Door thickness (TS)</th> <th colspan="4">Cup distance (TA)</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>28.0</td> <td>4.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>26.0</td> <td>4.0</td> <td>3.0</td> <td></td> <td></td> </tr> <tr> <td>24.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td></td> </tr> <tr> <td>22.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td></td> </tr> <tr> <td>20.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>19.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>18.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> <tr> <td>16.0</td> <td>4.0</td> <td>3.0</td> <td>2.0</td> <td>1.0</td> </tr> </tbody> </table>		Door thickness (TS)	Cup distance (TA)				3	4	5	6	28.0	4.0				26.0	4.0	3.0			24.0	4.0	3.0	2.0		22.0	4.0	3.0	2.0		20.0	4.0	3.0	2.0	1.0	19.0	4.0	3.0	2.0	1.0	18.0	4.0	3.0	2.0	1.0	16.0	4.0	3.0	2.0
Door thickness (TS)	Cup distance (TA)																																																		
	3	4	5	6																																															
28.0	4.0																																																		
26.0	4.0	3.0																																																	
24.0	4.0	3.0	2.0																																																
22.0	4.0	3.0	2.0																																																
20.0	4.0	3.0	2.0	1.0																																															
19.0	4.0	3.0	2.0	1.0																																															
18.0	4.0	3.0	2.0	1.0																																															
16.0	4.0	3.0	2.0	1.0																																															
Minimum reveal (F)																																																			



(HV) Height adjustment
+/-2.5 mm

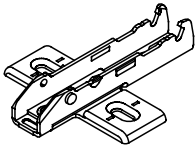
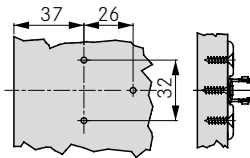
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

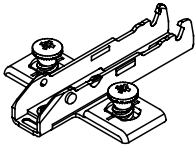
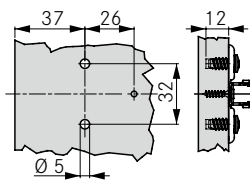
All adjustments can be carried out independently of each other.

ORDER INFORMATION

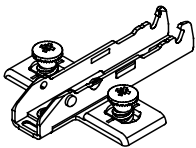
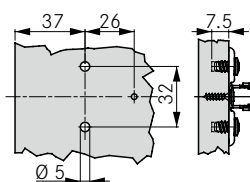
ECO CROSS MOUNTING PLATE, 3-POINT FIXING

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

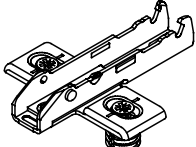
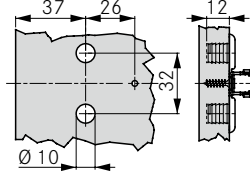
ECO CROSS MOUNTING PLATE, 3-POINT FIXING

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

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

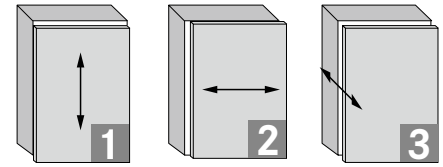
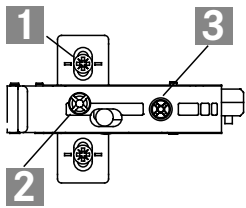
With pre-assembled pan head Euro screws (10.5 mm)	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled pan head Euro screws Ø 6.3 x 10.5 mm Height adjustment (HV) via slot For twin application 		-2	F058139857
		0	F058139858
		2	F058139859
		3	F058139860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

ECO CROSS MOUNTING PLATE, 3-POINT FIXING

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

TIOMOS

Mounting plates



(HV) Height adjustment
+/-2.5 mm

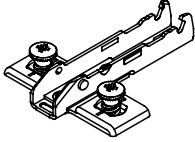
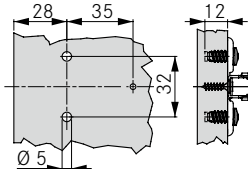
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

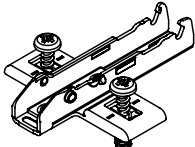
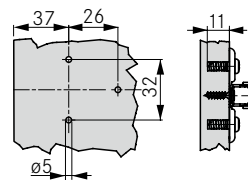
All adjustments can be carried out independently of each other.

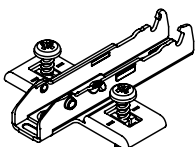
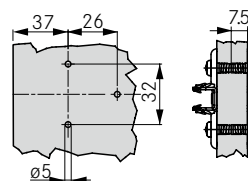
ORDER INFORMATION

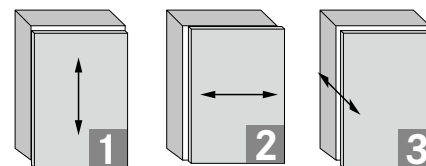
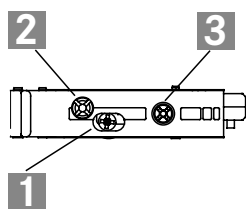
ECO CROSS MOUNTING PLATE, 3-POINT FIXING

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

QUICK ECO CROSS MOUNTING PLATE, 3-POINT FIXING

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

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



(HV) Height adjustment
+/-2 mm

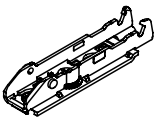
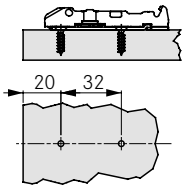
(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

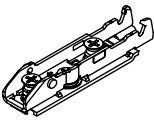
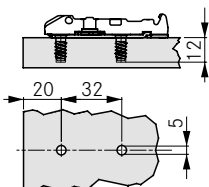
All adjustments can be carried out independently of each other.

ORDER INFORMATION

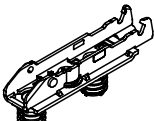
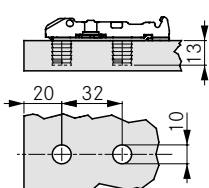
1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

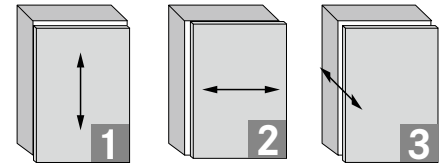
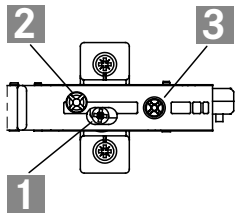
With pre-assembled Euro screws (13.5 mm)	20/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled Euro screws Ø 6.3 x 13.5 mm With convenient height adjustment (HV) via worm gear Do not use a hammer for inserting the mounting plate 		0	F059139711
		2	F059139712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

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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

TIOMOS

Mounting plates



(HV) Height adjustment
+/-2 mm

(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

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

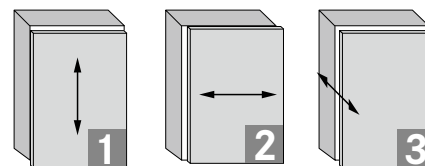
For screw fixing	X/32	Height	Item No.
<ul style="list-style-type: none"> For 20° angle applications Zamak/steel, nickel-plated Fixing with wood screws Ø 3.5 x 15 mm With convenient height adjustment (HV) via worm gear 		0	F058139902
		2	F058139903
		3	F058139904
		3.5	F058139905

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

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

APPLICATION EXAMPLES FOR 20° ANGLE FITTINGS

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



(HV) Height adjustment
+/-2 mm

(SV) Side adjustment
+/-2 mm

(TV) Depth adjustment
+3/-2 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

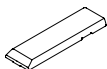


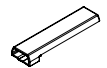
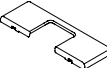
+5° WEDGE

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



-5° WEDGE

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


COVER CAPS

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


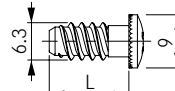

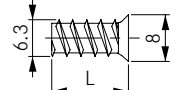

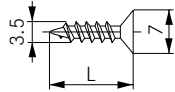

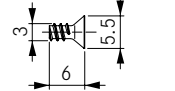

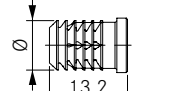
OPENING ANGLE REDUCTION CLIPS

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

SPACER RING

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

FIXING SCREWS, DOWELS

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

ASSEMBLY INSTRUCTIONS

All dimensions in millimetres

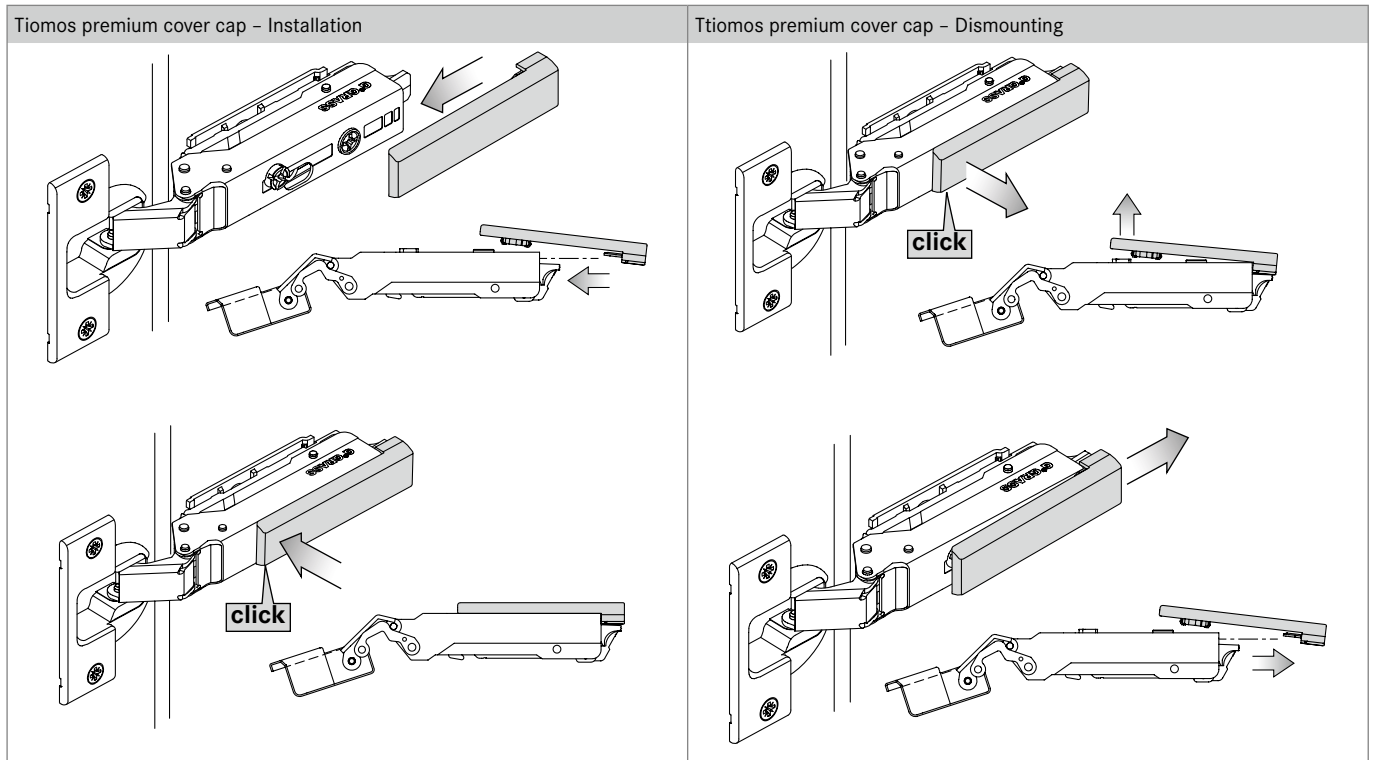
<p>85° opening angle reduction clip</p>	<p>120° opening angle reduction clip</p>
	<p>90° opening angle reduction clip for Tiomos M9 and Mirro</p>

<p>Unclipping protector assembly</p>	<p>Unclipping protector disassembly</p>
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- Tiomos
- Nexis
- Special hinges
- Single-joint hinges
- Cabinet making accessories

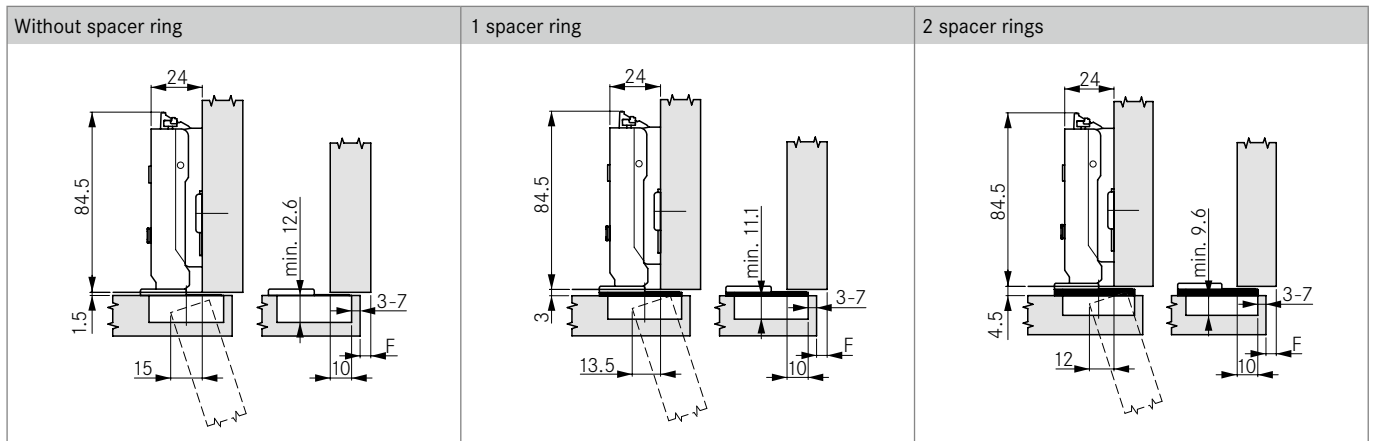
ASSEMBLY INSTRUCTIONS

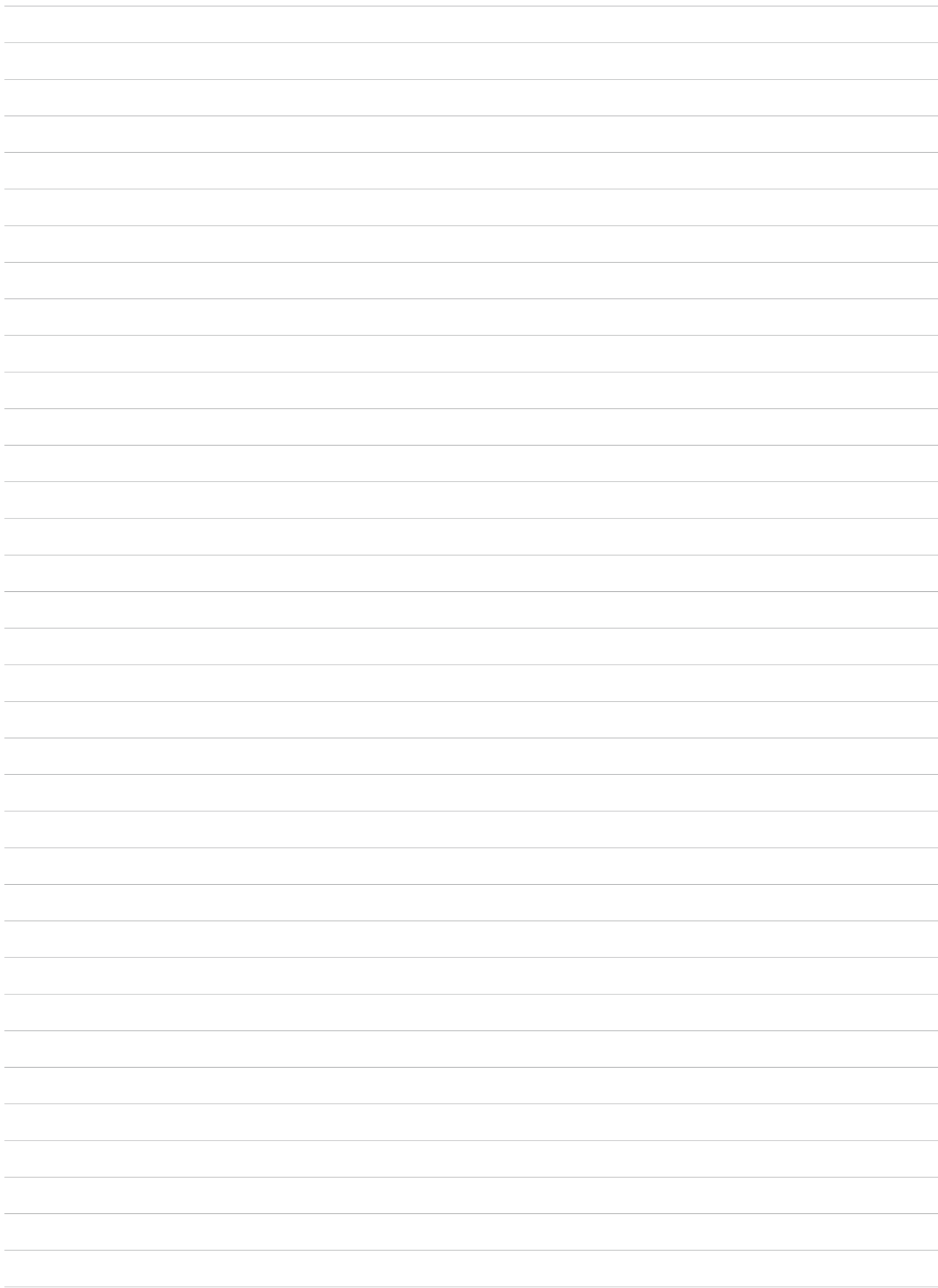
All dimensions in millimetres



INSTALLATION INFORMATION

All dimensions in millimetres





Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

TIOMOS

Technical information

NUMBER OF HINGES PER DOOR

Description

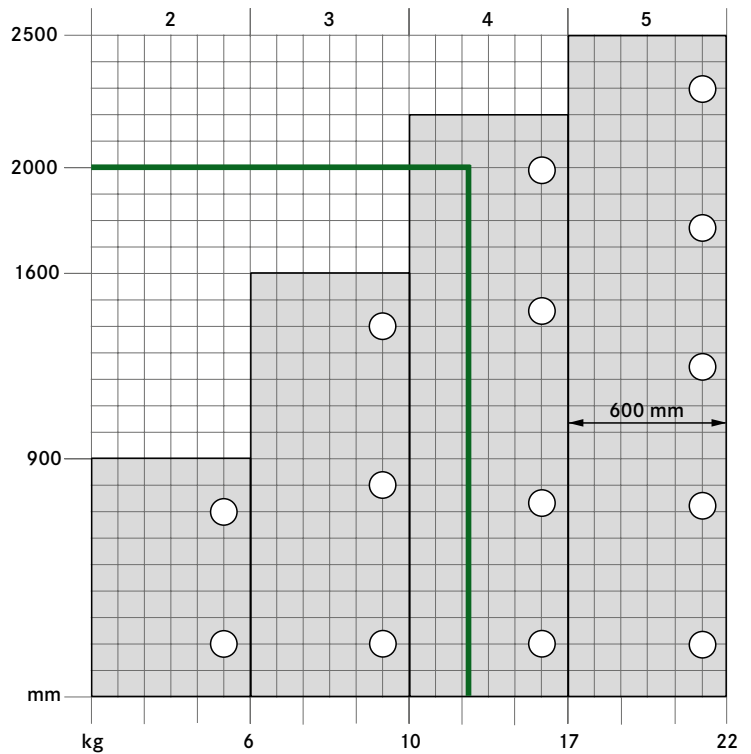
The number of hinges is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate.

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

Example:

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

The table refers to hinges with and without integrated damper.



TOOL-FREE DAMPER ADJUSTMENT

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

DOOR ADJUSTMENTS (APPLIES TO ALL TIOMOS HINGES)

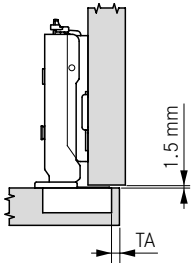
Description	Side adjustment with limit stop +/- 2mm	Convenient depth adjustment via worm gear +3/-2 mm	Height adjustment with mounting plate +/- 2 mm
<p>The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.</p> <p>When using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

DOOR REVEAL AND MINIMUM REVEAL

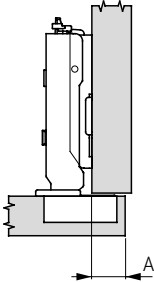
Description	Full overlay / overlay door	Half overlay door	Inset door
<p>The reveal is the distance between two doors or between the door and the cabinet side wall.</p> <p>The minimum reveal (F) is the clearance required between two doors or between door and side wall so that the door can open without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

Minimum reveal table		Achievable reveal with inset door																																																																																																																																															
<p>The width of reveal required depends on the thickness of the door.</p> <p>Example: For a 19 mm thick door and a cup distance of 6 mm, the minimum reveal required is 0.9 mm.</p> <p>Important Reveals were calculated for doors with a radius of 1 mm! We recommend a trial fitting.</p>	<table border="1"> <thead> <tr> <th rowspan="2">Door thickness</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>24</td><td>2.4</td><td>2.1</td><td>2.1</td><td>2.1</td><td>2.0</td></tr> <tr><td>22</td><td>1.6</td><td>1.6</td><td>1.6</td><td>1.5</td><td>1.5</td></tr> <tr><td>21</td><td>1.4</td><td>1.3</td><td>1.3</td><td>1.3</td><td>1.3</td></tr> <tr><td>20</td><td>1.1</td><td>1.1</td><td>1.1</td><td>1.5</td><td>1.1</td></tr> <tr><td>19</td><td>0.9</td><td>0.9</td><td>0.9</td><td>0.9</td><td>0.9</td></tr> <tr><td>18</td><td>0.7</td><td>0.7</td><td>0.7</td><td>0.7</td><td>0.7</td></tr> <tr><td>17</td><td>0.6</td><td>0.6</td><td>0.6</td><td>0.6</td><td>0.6</td></tr> <tr><td>16</td><td>0.6</td><td>0.6</td><td>0.6</td><td>0.6</td><td>0.6</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr> <td colspan="6" style="text-align: center;">Minimum reveal (F)</td> </tr> </tbody> </table>	Door thickness	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	20	1.1	1.1	1.1	1.5	1.1	19	0.9	0.9	0.9	0.9	0.9	18	0.7	0.7	0.7	0.7	0.7	17	0.6	0.6	0.6	0.6	0.6	16	0.6	0.6	0.6	0.6	0.6							Minimum reveal (F)						<p>The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.</p> <p>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.</p>	<table border="1"> <thead> <tr> <th rowspan="2">Door reveal</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr><td>0.0</td><td>0</td><td></td><td></td><td>2</td><td>3</td></tr> <tr><td>0.5</td><td></td><td></td><td></td><td></td><td>3.5</td></tr> <tr><td>1.0</td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>1.5</td><td></td><td></td><td></td><td>3.5</td><td></td></tr> <tr><td>2.0</td><td></td><td>2</td><td>3</td><td></td><td></td></tr> <tr><td>3.0</td><td>2</td><td>3</td><td></td><td></td><td></td></tr> <tr><td>4.0</td><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr> <td colspan="6" style="text-align: center;">Mounting plate height</td> </tr> </tbody> </table>	Door reveal	Cup distance					3	4	5	6	7	0.0	0			2	3	0.5					3.5	1.0	0		2	3		1.5				3.5		2.0		2	3			3.0	2	3				4.0	3																	Mounting plate height					
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		20	1.1	1.1	1.1	1.5	1.1																																																																																																																																										
		19	0.9	0.9	0.9	0.9	0.9																																																																																																																																										
		18	0.7	0.7	0.7	0.7	0.7																																																																																																																																										
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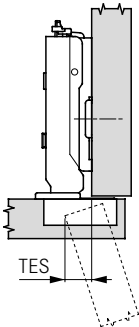
MINIMUM GAP

Description		Example:																																																																		
<p>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.</p> <p>The factory setting of the gap is 1.5 mm.</p> <p>The cup distance (TA) is the distance between the edge of the door and the edge of the cup hole.</p>		<p>For a 17 mm thick door and a cup distance of 6 mm, the minimum gap is 1.0 mm.</p>	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.2</td> <td>2.1</td> </tr> <tr> <td>22</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.5</td> </tr> <tr> <td>21</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.2</td> </tr> <tr> <td>20</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>19</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>18</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>17</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td>16</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> </tr> <tr> <td colspan="6" style="text-align: center;">Minimum gap</td> </tr> </tbody> </table>		Cup distance					3	4	5	6	7	24	1.0	1.0	1.0	1.2	2.1	22	1.0	1.0	1.0	1.0	1.5	21	1.0	1.0	1.0	1.0	1.2	20	1.0	1.0	1.0	1.0	1.0	19	1.0	1.0	1.0	1.0	1.0	18	1.0	1.0	1.0	1.0	1.0	17	1.0	1.0	1.0	1.0	1.0	16	1.0	1.0	1.0	1.0	1.0	Minimum gap					
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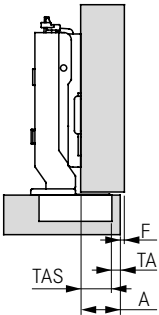
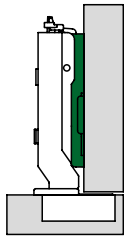
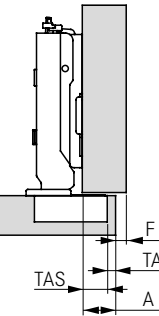
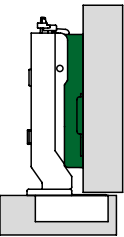
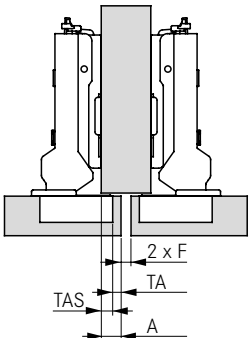
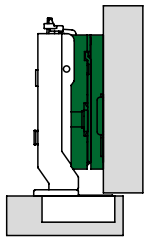
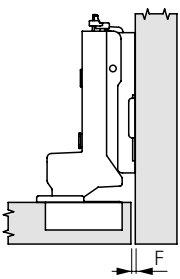
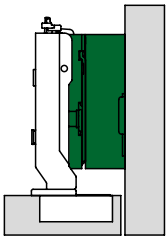
DOOR OVERLAY

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

DOOR PROTRUSION

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

OPTIONS FOR CHANGING THE DOOR OVERLAY

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

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

TIOMOS

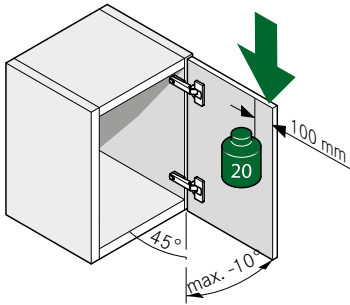
Technical information

TEST CRITERIA FOR HINGES

Functional test

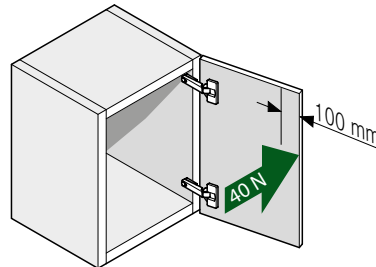
Static load – vertical

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



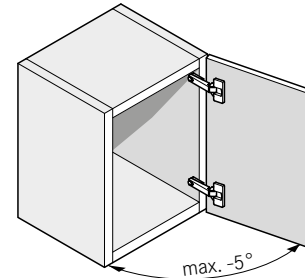
Static load – horizontal

Force: 40 N
Number: 10



Endurance test

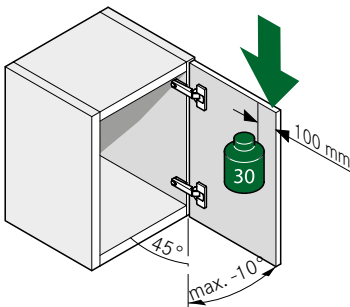
Opening angle: max. -5°
Open and close movements: 100,000



Overload testing

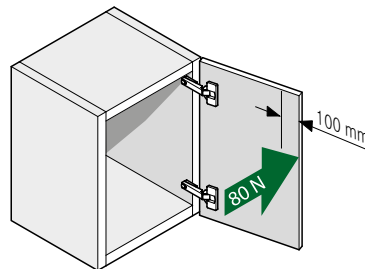
Vertical

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



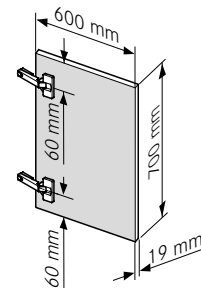
Horizontal

Force: 80 N
Number: 10



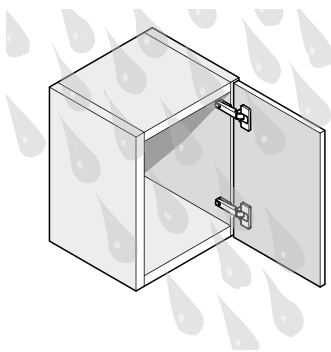
Test door

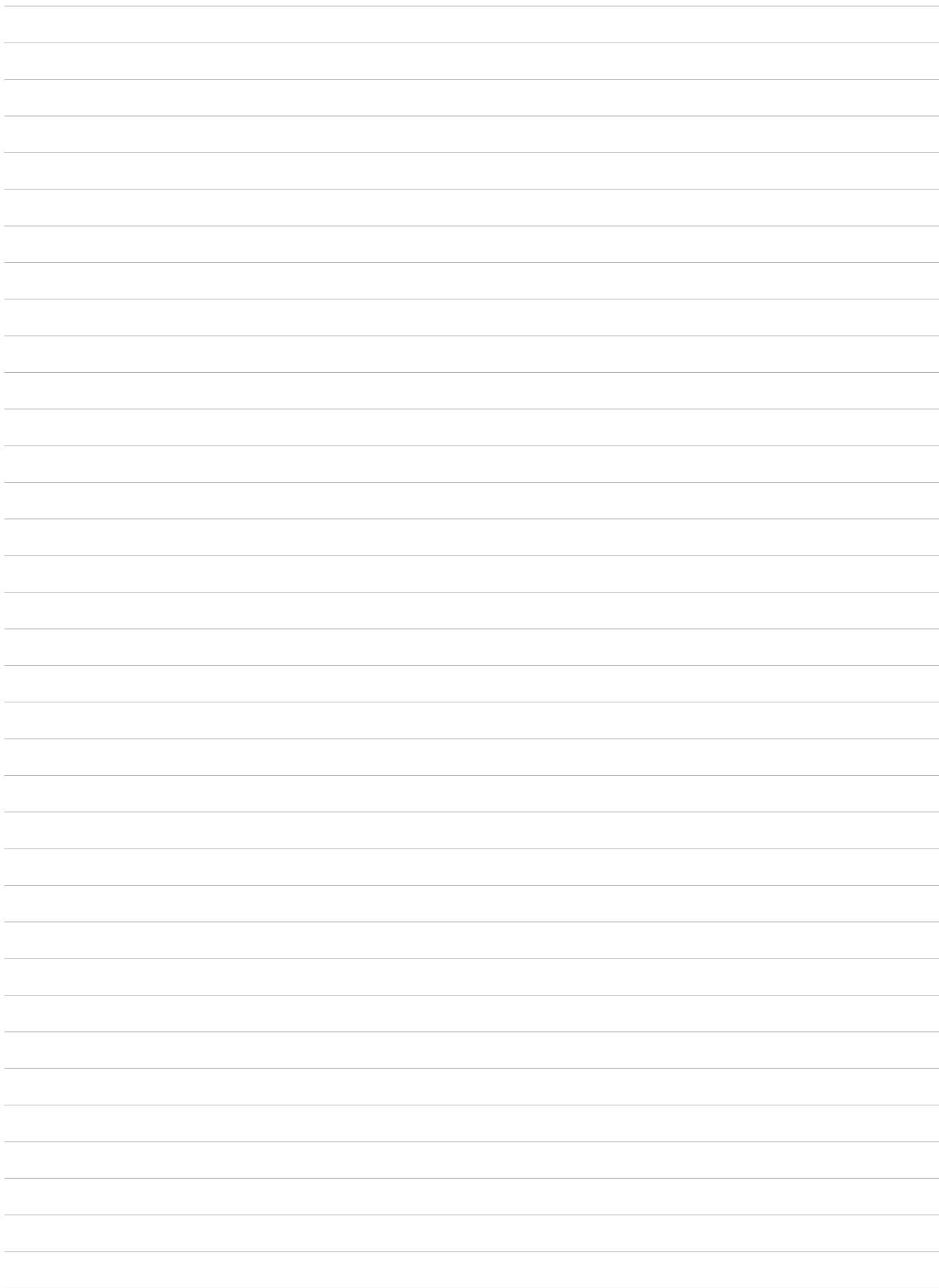
Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2





Tiomos

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Special hinges

Single-joint hinges

Cabinet making accessories



NEXIS HINGE SYSTEM

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






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

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



NEXIS HINGE SYSTEMS

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

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



NEXIS IMPRESSO

Functional hinges for
fast, tool-free installation.

QUALITY CERTIFICATE
LGAI

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

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

NEXIS IMPRESSO

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

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

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

Timos

Nexis





Special hinges


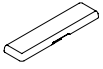


Single-joint hinges

Cabinet making accessories

NEXIS IMPRESSO

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

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

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

NEXIS IMPRESSO 04

100° hinge (Door thicknesses up to 24 mm)



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	F069135396
	Tipmatic Plus Impresso set	F069135014

	Designation	Item No.
	Soft-close Pin	F069066528
	Soft-close Impresso set	F069073728

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

NEXIS IMPRESSO 22

110° hinge (Door thicknesses up to 20 mm)



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

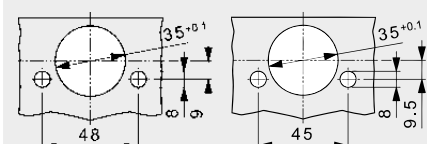
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

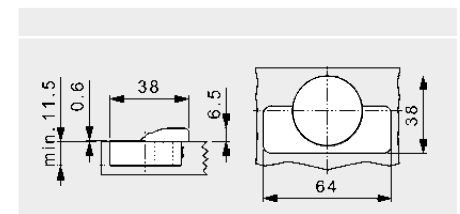
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



NEXIS IMPRESSO 29

125° hinge (Door thicknesses up to 19 mm)



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

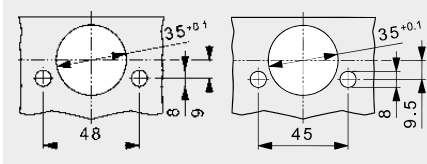
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

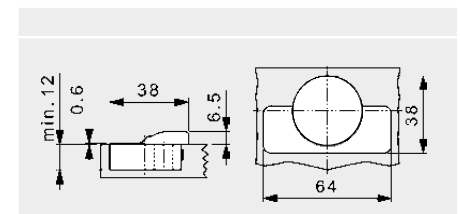
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



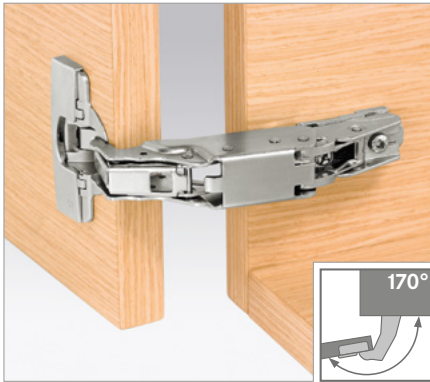
CUP DIMENSIONS



Timos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

NEXIS IMPRESSO 65

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



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

Available in 2 versions:

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

ORDER INFORMATION

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

ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for wooden and aluminium frame doors	F069135396
	170° Tipmatic set	F069135019

	Designation	Item No.
	170° Soft-close set	F069073729
	120° opening angle reduction clip, plastic, black	F069073402

Nexis Impresso mounting plates	152
Accessories	160

170° Soft-close	286
170° Tipmatic	298

Technical information	162
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay K0		Half overlay K8		Inset K0		Mitred application K0								
Mounting plate height 2		Mounting plate height 2		Inset application		Mitred application								
Door overlay	Cup distance						Door overlay	Cup distance						
	0	4	5	6	7	8			8	4	5	6	7	8
	21					0			13					0
	20				0				12				0	
	19			0					11			0		2
	18		0			2			10		0		2	3
	17	0		2	3	4			9	0		2	3	4
	16		2	3	4				8		2	3	4	
	15	2	3	4					7	2	3	4		
	14	3	4						6	3	4			
13	4					5	4							
	Mounting plate height							Mounting plate height						

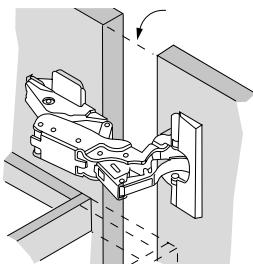
With 0 cranking, cup distance 4 mm and mounting plate height 18, the door will be inset.

Use 120° opening angle reduction clip.

With 0 cranking, cup distance 3 mm and mounting plate height 18, a mitred application can be achieved.

Use 120° opening angle reduction clip.

ZERO PROTRUSION



Zero protrusion for use with inset drawers.

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

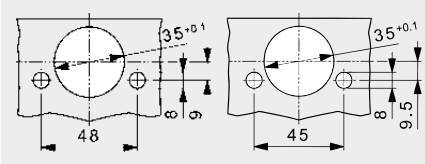
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

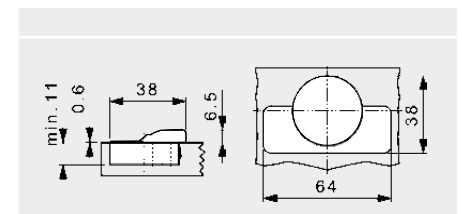
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



NEXIS IMPRESSO 05

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



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

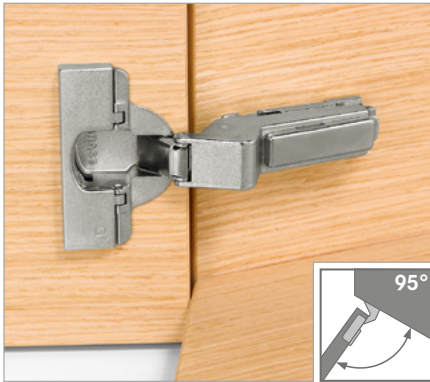
Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Tipmatic Plus Impresso set	294

Technical information	162
Assembly aids	358

NEXIS IMPRESSO 05/30/2

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



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

ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Soft-close Impresso set	F069073728			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358

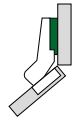
NEXIS IMPRESSO 05/45/3

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




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



ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Soft-close Impresso set	F069073728			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358

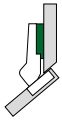
NEXIS IMPRESSO 05/45/8

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




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



ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Soft-close Impresso set	F069073728			

Nexis Impresso mounting plates	152
Accessories	160

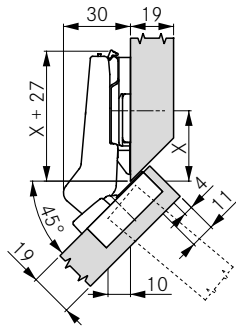
Soft-close Impresso	282
Technical information	162

Assembly aids	358

INSTALLATION INFORMATION

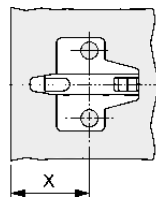
All dimensions in millimetres

Half overlay



Mounting plate height 4

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



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

Mounting plate position

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance			Minimum reveal (F)
	4	5	6	
16	0.1	0.1	0.1	
18	0.2	0.2	0.2	
19	0.3	0.3	0.3	
20	0.4	0.4	0.4	
22	0.7	0.7	0.7	
24	1.0	1.0	1.0	
26	1.4	1.4	1.4	
28	1.9	1.9	1.9	
30	2.9	2.6	2.5	

NOTES

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

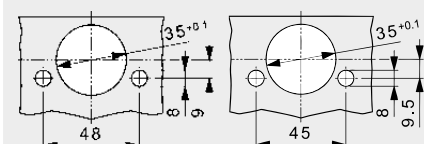
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

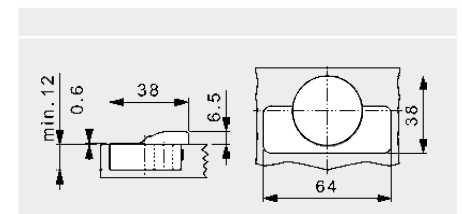
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5



CUP DIMENSIONS



NEXIS IMPRESSO 29/-14

-14° angle corner hinge



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

ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Soft-close Impresso set	F069073728			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358

NEXIS IMPRESSO 29/-24

-24° angle corner hinge



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

ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			

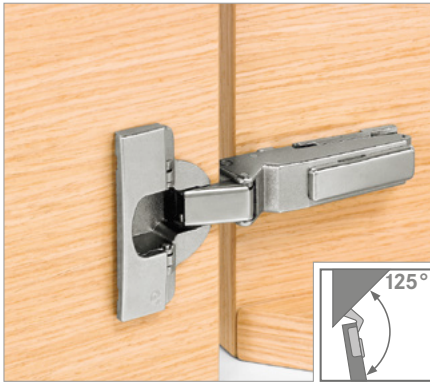
Nexis Impresso mounting plates	152
Accessories	160

Soft-close Pin	290
Technical information	162

Assembly aids	358

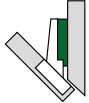
NEXIS IMPRESSO 29/-45

-45° angle corner hinge




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


ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			

Nexis Impresso mounting plates	152
Accessories	160

Soft-close Pin	290
Technical information	162

Assembly aids	358

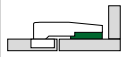
NEXIS IMPRESSO 05/90/4

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




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



ORDER INFORMATION

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

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Soft-close Impresso set	F069073728			

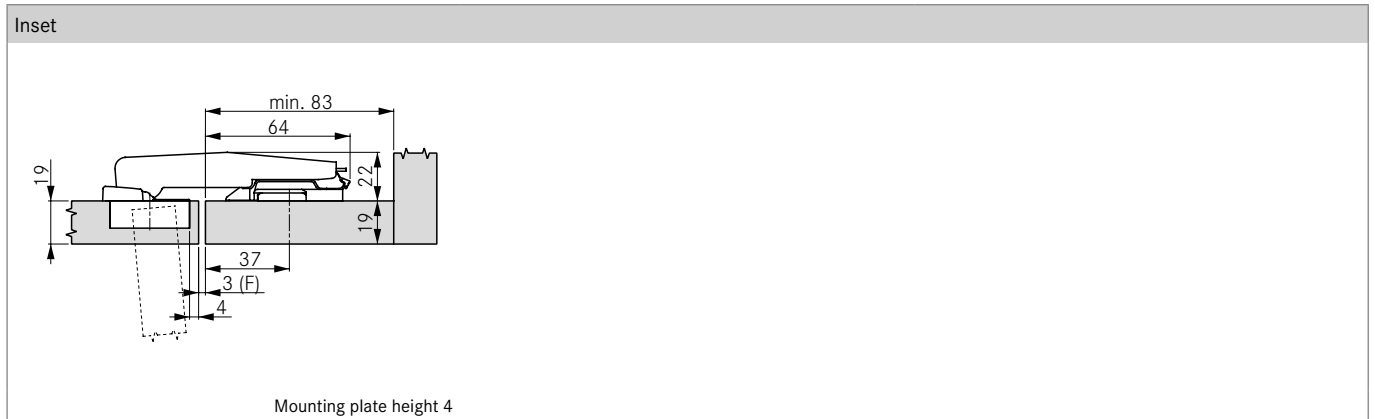
Nexis Impresso mounting plates	152
Accessories	160

Soft-close Impresso	282
Technical information	162

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM REVEAL

	Cup distance					
	4	5	6			
16	0.1	0.1	0.1			
18	0.2	0.2	0.2			
19	0.3	0.3	0.3			
20	0.4	0.4	0.4			
22	0.7	0.7	0.7			
24	1.0	1.0	1.0			
26	1.4	1.4	1.4			
28	1.9	1.9	1.9			
30	2.9	2.6	2.5			
	Minimum reveal (F)					

NOTES

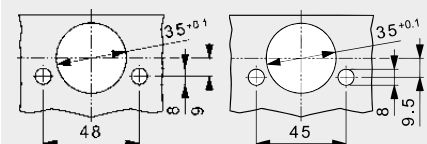
Important: The reveal width was calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

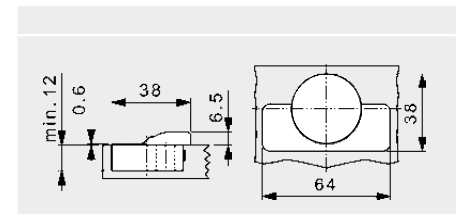
We recommend a trial fitting.

DRILLING PATTERNS

Combination drilling pattern 48/9 and 45/9.5

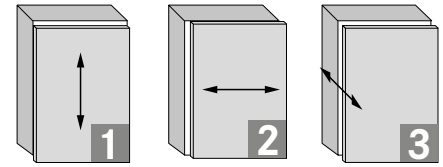
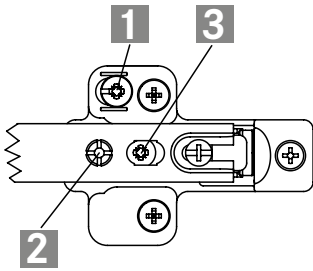


CUP DIMENSIONS



NEXIS IMPRESSO

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

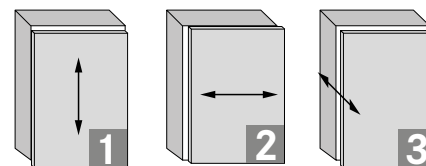
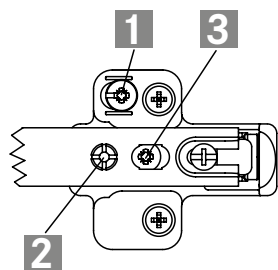
ORDER INFORMATION

2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm Height and depth adjustment via a cam 		0	F061073214
		2	F061073215
		4	F061073216
		6	F061073217
		8	F061073218

2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm Height and depth adjustment via a cam 		0	F061073232
		2	F061073233
		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

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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

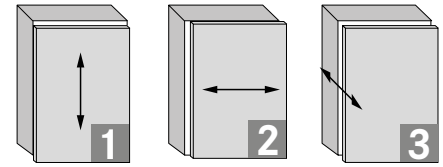
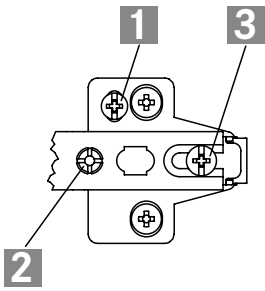
With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm Height and depth adjustment via a cam 		0	F06 1073236
		2	F06 1073237
		3	F06 1073294
		4	F06 1073238
		6	F06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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

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

NEXIS IMPRESSO

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

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

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

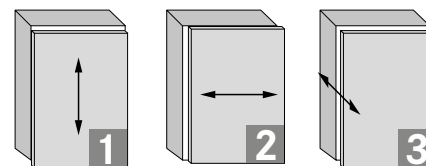
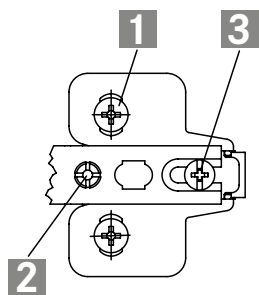
For Euro screws	37 / 32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 32 mm 		0	F060073156
		2	F060073157
		4	F060073158
		8	F060073159
		18	F060073160

SPACER PLATE, HEIGHT 3

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

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

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



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

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

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

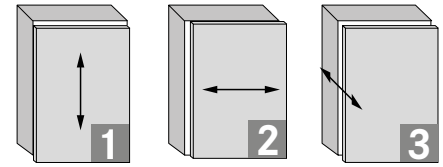
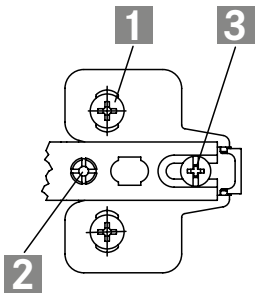
With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled 13.5 mm long Euro screws Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073179
		2	F060073180
		3	F060073211
		4	F060073181

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

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

NEXIS IMPRESSO

Mounting plates



Height adjustment
+/-2 mm


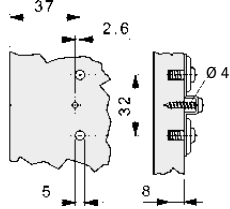
Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm


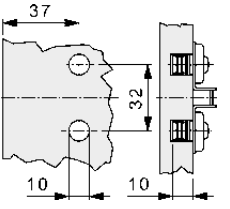
All adjustments can be carried out independently of each other.

ORDER INFORMATION


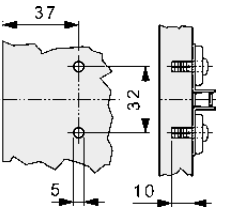
1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

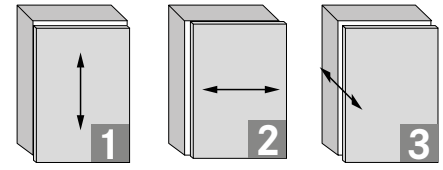
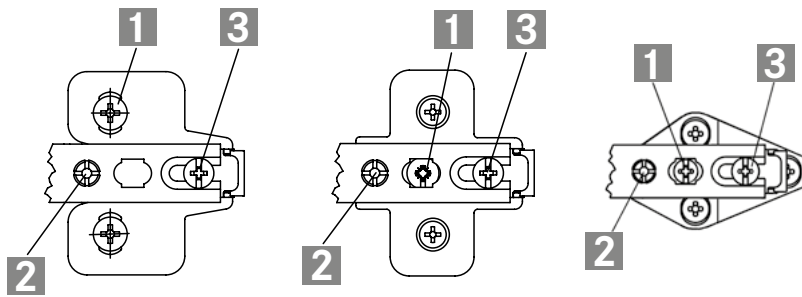
With expansion dowel	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with 5 mm expansion dowels Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot  <p>ⓘ Plate must not be fixed with a cordless screwdriver.</p>		0	F060073185
		2	F060073186
		4	F060073187

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

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

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with 5 mm expansion dowel bridge Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073182
		2	F060073183
		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	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with wood screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073139
		2	F060073140
		4	F060073141

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

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

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

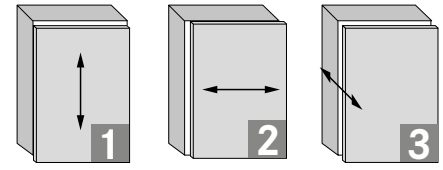
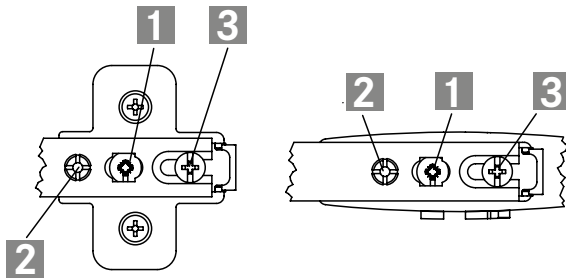
For Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment 		2	F060073154
		4	F060073155

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

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

NEXIS IMPRESSO

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

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

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

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

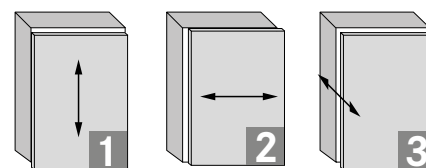
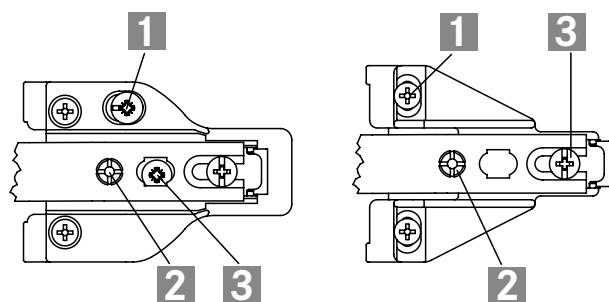
For Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> For 45° opening angle Zamak, nickel-plated Fixing with Euro screws Hole spacing 32 mm Height adjustment 		2	F061073271
		4	F061073272

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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



Height adjustment
+/-2 mm

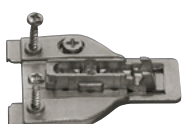
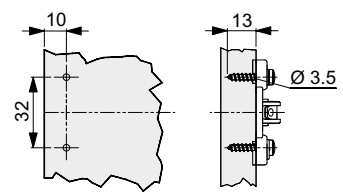
Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

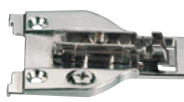
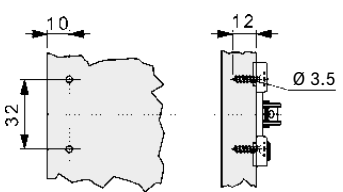
All adjustments can be carried out independently of each other.

ORDER INFORMATION


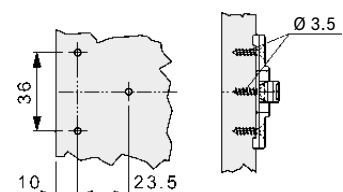
2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

With pre-assembled wood screws	10/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with pre-assembled wood screws Height and depth adjustment via a cam 		0	F061073283
		2	F061073284
		4	F061073285

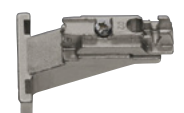
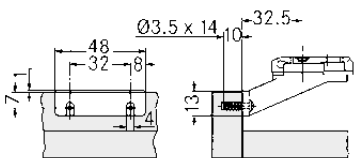
2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with wood screws Height and depth adjustment via a cam 		0	F061073279
		2	F061073280
		4	F061073281

SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/36	Height	Item No.
<ul style="list-style-type: none"> Zamak, nickel-plated Fixing with wood screws Height adjustment via slot 		0	F061073275
		2	F061073276
		4	F061073277





2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Item No.
<ul style="list-style-type: none"> For inset doors For hinges, cranking size 8 Zamak, nickel-plated Fixing with wood screws Height adjustment 		2	F061073278



NEXIS IMPRESSO

Accessories


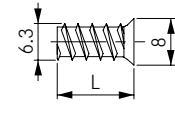

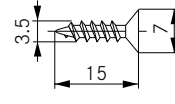
COVER CAPS

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

OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			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			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		F146073979
		L = 13.5		F069135297
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		F146073976

NEXIS IMPRESSO

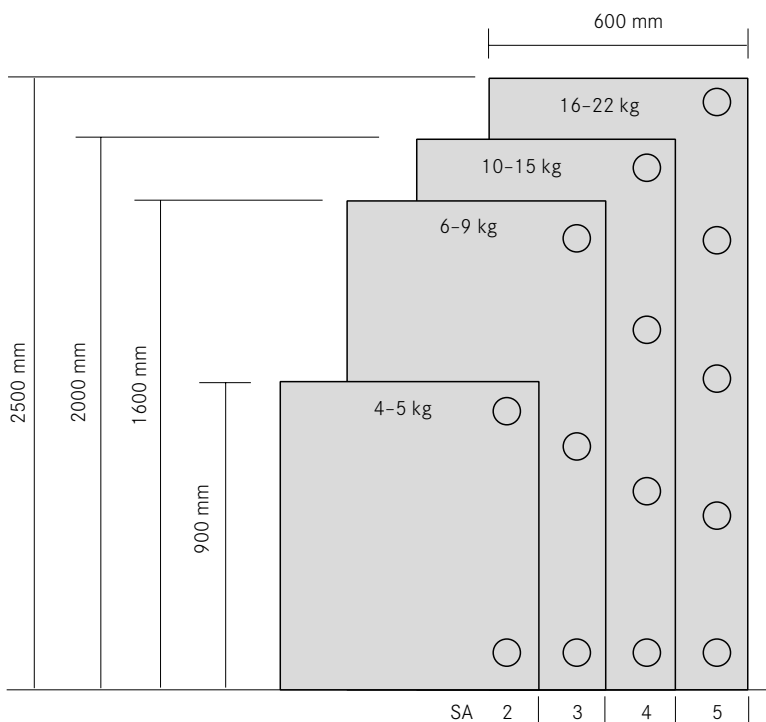
Technical information

NUMBER OF HINGES PER DOOR

Description

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

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

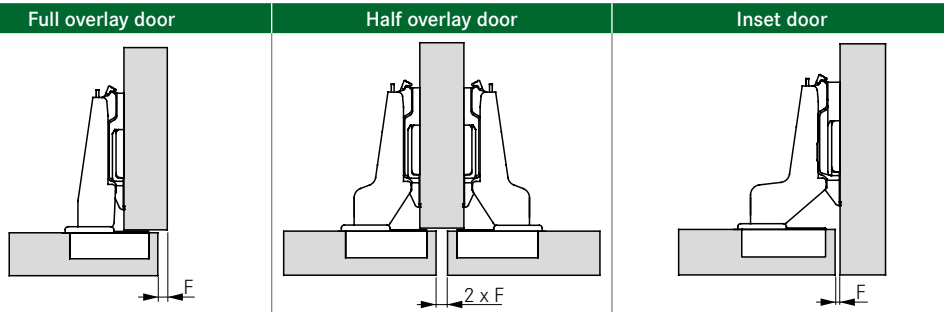


DOOR REVEAL AND MINIMUM REVEAL

Description

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

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



Minimum reveal table

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

Example:

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

Important

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

We recommend a trial fitting.

Door thickness	Cup distance							
	3	4	5	6				
16	0.1	0.1	0.1	0.1				
18	0.2	0.2	0.2	0.2				
19	0.3	0.3	0.3	0.3				
20	0.4	0.4	0.4	0.4				
22	0.7	0.7	0.7	0.7				
24	1.0	1.0	1.0	1.0				
26	1.4	1.4	1.4	1.4				
28	1.9	1.9	1.9	1.9				
30	3.8	2.9	2.6	2.5				
Minimum reveal (F)								

Achievable reveal with inset door

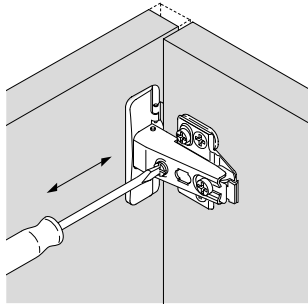
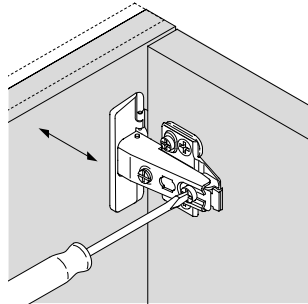
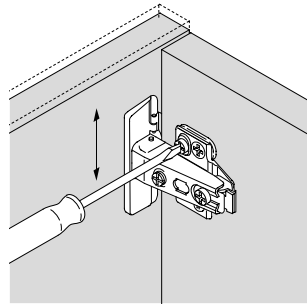
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

Example:

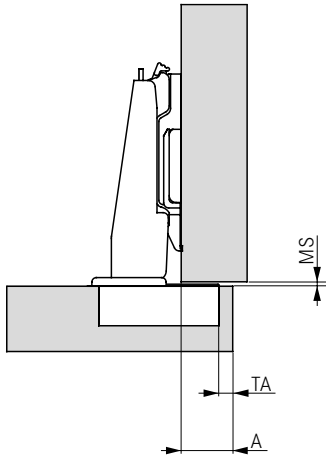
For a **cup distance of 4 mm** and a **mounting plate height of 3 mm** the reveal width is **1 mm**.

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

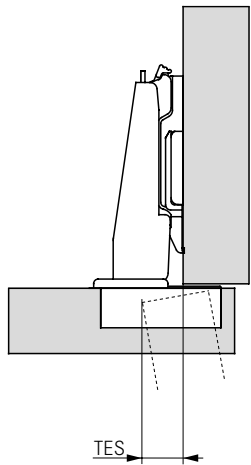
ADJUSTMENTS

Description	Side adjustment +1/-3 mm	Depth adjustment +3/-1 mm	Height adjustment +/- 2mm
The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.			

MINIMUM GAP – CUP DISTANCE

Description	Example:																																																																																				
<p>The minimum gap (MS) is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p>The cup distance (TA) is the distance between the edge of the door and the edge of the cup hole.</p> 	<p>For a door thickness of 26 mm and a cup distance of 6 mm, the minimum gap is 0.7 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door thickness</th> <td>16</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>26</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.7</td> <td></td> <td></td> </tr> <tr> <td>28</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.9</td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>0.5</td> <td>0.5</td> <td>1.1</td> <td>1.1</td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4">Minimum gap</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door thickness	16	0.5	0.5	0.5	0.5			18	0.5	0.5	0.5	0.5			19	0.5	0.5	0.5	0.5			20	0.0	0.0	0.0	0.5			22	0.5	0.5	0.5	0.5			24	0.5	0.5	0.5	0.5			26	0.5	0.5	0.5	0.7			28	0.5	0.5	0.5	0.9			30	0.5	0.5	1.1	1.1				Minimum gap						
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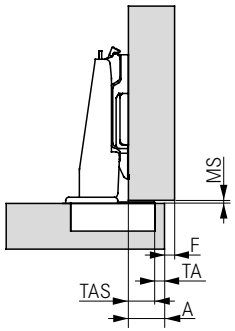
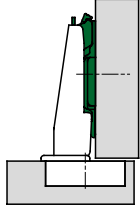
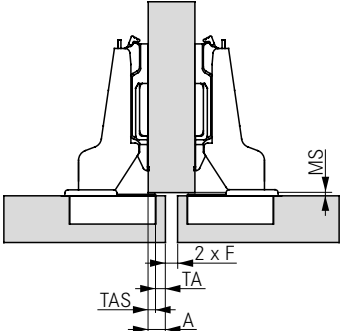
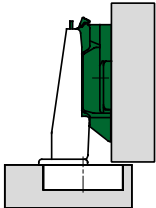
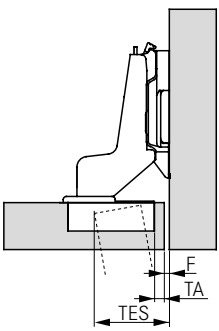
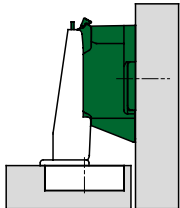
DOOR PROTRUSION / DOOR OVERLAY

DOOR PROTRUSION	Door overlay																																																																																				
<p>Door protrusion (TES) occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p> 	<p>The door overlay (A) is that part of the side wall or frame which is covered by the door.</p> <p>Example: With a hinge with cranking size 8, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door overlay</th> <td>8</td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td>0</td> <td></td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>0</td> <td></td> <td>2</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4">Mounting plate height</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door overlay	8			5				11				0			10			0				9		0		2			8	0		2	3			7		2	3	4			6	2	3	4				5	3	4					4	4							Mounting plate height						
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		Mounting plate height																																																																																			

NEXIS IMPRESSO

Technical information

OPTIONS FOR CHANGING THE DOOR OVERLAY

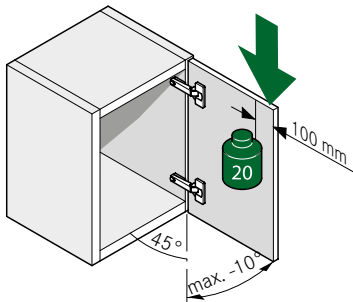
By selecting the cranking	By using a mounting plate with a different height
<p>Full overlay (cranking 0)</p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Full overlay</p>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

TEST CRITERIA FOR HINGES

Functional test

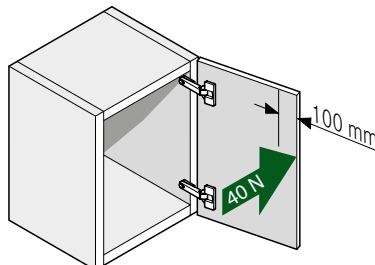
Static load - vertical

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



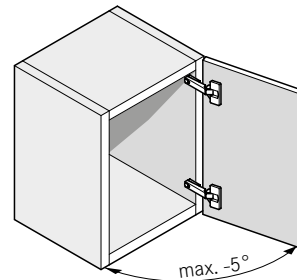
Static load - horizontal

Force: 40 N
Number: 10



Endurance test

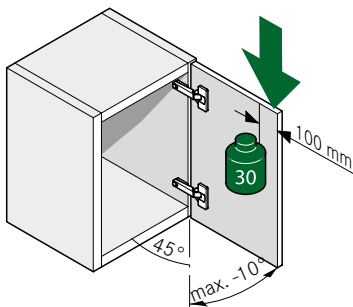
Opening angle: max. -5°
Open and close movements: 100,000



Overload testing

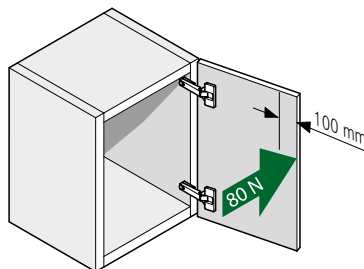
Vertical

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



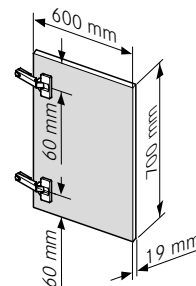
Horizontal

Force: 80 N
Number: 10



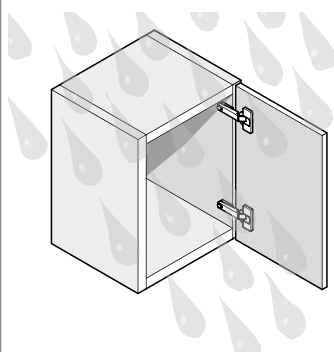
Test door

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2





NEXIS CLICK-ON

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

QUALITY CERTIFICATE
LGAI

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

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

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

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

NEXIS CLICK-ON

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

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

Nexis Click-on mounting plates	216
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Tiomos

Nexis












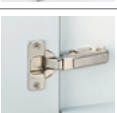




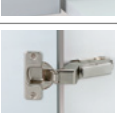





Special hinges








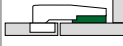

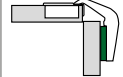
























Single-joint hinges

Cabinet making accessories

NEXIS CLICK-ON

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

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

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

NEXIS CLICK-ON 04

100° hinge (Door thicknesses up to 24 mm)



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

Nexis Click-on mounting plates	216
Accessories	224

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

Technical information	226
Assembly aids	358

NEXIS CLICK-ON 22

110° hinge



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

Available in 2 versions:

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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

Nexis Click-on mounting plates	216
Accessories	224

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

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

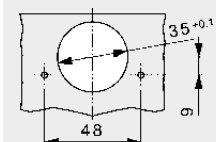
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

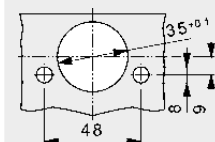
We recommend a trial fitting.

DRILLING PATTERNS

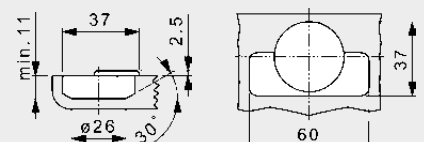
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS CLICK-ON 29

125° hinge (Door thicknesses up to 19 mm)



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

ORDER INFORMATION

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

COVER CAPS

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

ACCESSORIES

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

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

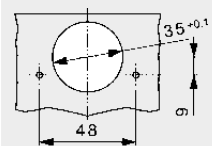
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

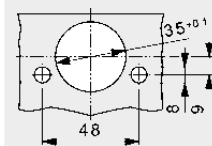
We recommend a trial fitting.

DRILLING PATTERNS

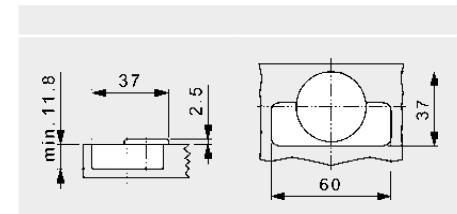
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS CLICK-ON 65

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



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

Available in 2 versions:

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

ORDER INFORMATION

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

ACCESSORIES

	Designation	Item No.
	170° Tipmatic Plus set	F069135019
	170° Soft-close	F069073729

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

Nexis Click-on mounting plates	216
Accessories	224

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

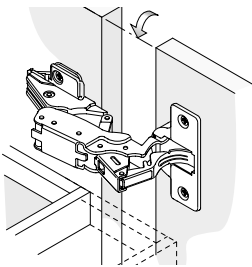
Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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



Zero protrusion for use with inset drawers.

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

MINIMUM GAP

Door thickness	Cup distance						
	3	4	5	6	8	10	
16	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	
	Minimum gap						

MINIMUM REVEAL

Door thickness	Cup distance							
	3	4	5	6	7	8		
16	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.5	1.8	2.0		
25	6.5	6.5	6.0	5.5	4.8	4.0		
26	10.5	9.5	8.5	7.5	6.5	5.5		
	Minimum reveal (F)							

NOTES

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

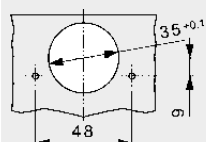
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

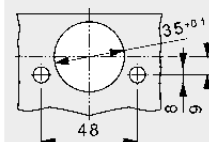
We recommend a trial fitting.

DRILLING PATTERNS

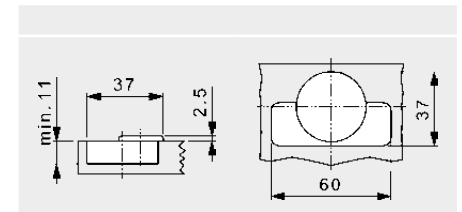
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS CLICK-ON 05

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



- 95° opening angle
- Minimum reveals with thick doors
- Soft-close compatible
- Optimum reveals for door thicknesses up to 26 mm
- 3-dimensional adjustment with appropriate mounting plate

Available in 2 versions:

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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F015072742	F015072741
					-	F015072743	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	F015072760	-
					-	F015072762	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	F015072768	F015072767
					-	F015072770	-

COVER CAPS

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

ACCESSORIES

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

Nexis Click-on mounting plates	216
Accessories	224

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

Technical information	226
Assembly aids	358

NEXIS CLICK-ON 10

95° profiled door hinge (Door thicknesses from 13 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Extremely shallow cup depth (10.5 mm) for door thicknesses from 13 mm
- Perfect for profiled doors, up to 23 mm door overlay
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	F015072792	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	F015072793	

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8
Mounting plate height 2			Mounting plate height 2		
Door overlay	Cup distance		Door overlay	Cup distance	
	0	3 4 5 6 7 8 9 10		8	3 4 5 6 7 8 9 10
	23			15	
	22			14	
	21			13	
	20			12	
	19			11	
	18			10	
	17			9	
	16			8	
	15			7	
14		6			
Mounting plate height			Mounting plate height		

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance						
	3	4	5	6	8	10	
14	0.5	0.5	0.5	0.5	0.5	0.5	
16	0.9	0.9	0.9	0.9	0.9	0.9	
18	1.4	1.4	1.4	1.4	1.4	1.4	
19	1.7	1.7	1.7	1.7	1.7	1.7	
20	2.2	2.2	2.2	2.2	2.0	2.0	
22	3.5	3.3	3.2	3.1	2.8	2.6	
24	5.0	4.6	4.3	4.1	3.8	3.5	
Minimum reveal (F)							

NOTES

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

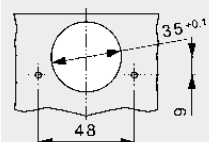
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

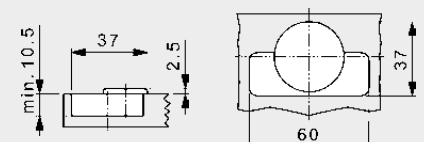
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing

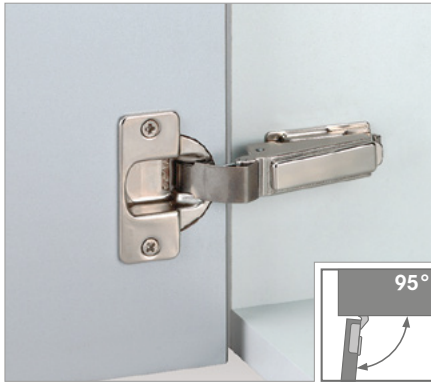


CUP DIMENSIONS



NEXIS CLICK-ON 25

95° profiled door hinge (Door thicknesses up to 36 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Hinge cup with Ø 40 mm
- For thick profiled and frame doors up to 36 mm thickness
- Special spring mechanism ensures excellent closing force – also in the case of large doors thanks to special spring mechanism
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	0	■	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	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
Mounting plate height 2			Mounting plate height 2			Mounting plate height 4		
Door overlay	Cup distance		Door overlay	Cup distance		Door reveal	Cup distance	
	0	3 4 5 6 7 8 9 10 11		8	3 4 5 6 7 8 9 10 11		15	3 4 5 6
	23			15			0	
	22			14			0	2
	21			13			0	2 3
	20			12			0	2 3 4
	19			11			0	2 3 4
	18			10			0	2 3 4
	17			9			0	2 3 4
	16	0		8	0		2 3 4	
15	2 3 4	7	2 3 4					
14	2 3 4	6	2 3 4					
13	3 4	5	3 4					
Mounting plate height			Mounting plate height			Mounting plate height		

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance								
	3	4	5	6	8	10			
20	0.1	0.1	0.1	0.1	0.1	0.1			
22	0.2	0.2	0.2	0.2	0.2	0.2			
24	0.3	0.3	0.3	0.3	0.3	0.3			
26	0.4	0.4	0.4	0.4	0.4	0.4			
28	0.6	0.6	0.6	0.6	0.6	0.6			
30	0.8	0.8	0.8	0.8	0.8	0.8			
32	2.1	1.1	1.1	1.1	1.1	1.1			
34	4.2	3.1	2.3	1.6	1.4	1.4			
36	6.5	5.2	4.2	3.5	2.2	1.7			
Minimum reveal (F)									

NOTES

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

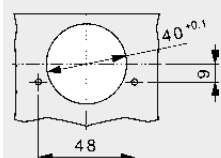
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

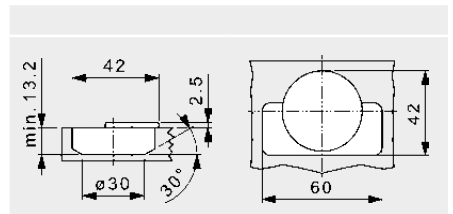
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 05/20/6

+20° angle corner hinge (Door thicknesses up to 30 mm)



- For 20° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072754	

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

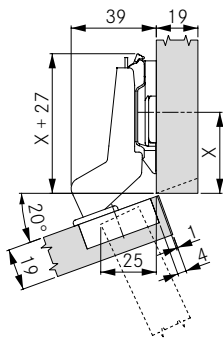
Soft-close Click-on	284
Technical information	226

Assembly aids	358

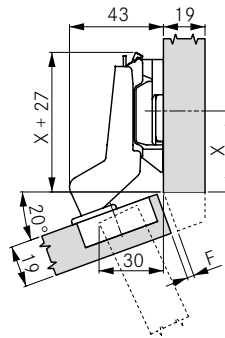
INSTALLATION INFORMATION

All dimensions in millimetres

Half overlay

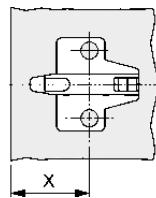


Mounting plate height 4



Mounting plate height 8

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
7				0	
6			0		
5		0		2	
4	0		2	3	
3		2	3	4	
2	2	3	4		
1	3	4			



X	Mounting plate height				Mounting plate position
	0	2	3	4	
X	38.5	37.5	37.5	37.0	

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	

NOTES

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

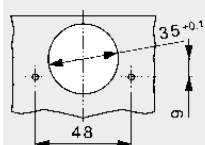
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

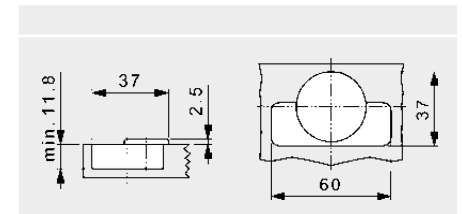
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 05/30/2

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



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

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072747	

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

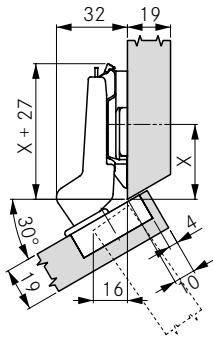
Soft-close Click-on	284
Technical information	226

Assembly aids	358

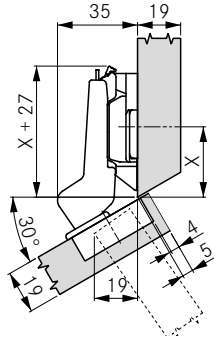
INSTALLATION INFORMATION

All dimensions in millimetres

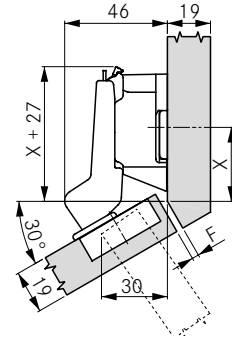
Half overlay



Mounting plate height 4

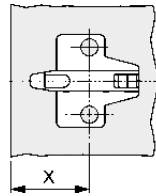


Mounting plate height 8



Mounting plate height 18

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
16				0	
15			0		
14		0		2	
13	0		2	3	
12		2	3	4	
11	2	3	4		
10	3	4			
9	4				



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

Mounting plate position

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	

NOTES

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

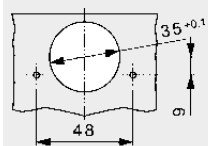
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

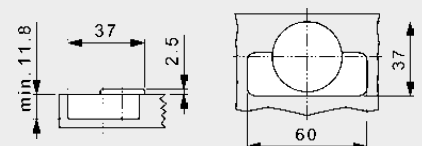
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



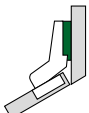
NEXIS CLICK-ON 05/30/16

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




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





ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F015072771	

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Click-on	284
Technical information	226

Assembly aids	358
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NEXIS CLICK-ON 05/45/3

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

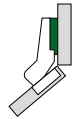


- For 45° angled cabinets
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- 3-dimensional adjustment with appropriate mounting plate


Available in 2 versions:

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





ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F015072751	
					-	F015072752	

COVER CAP

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

ACCESSORIES

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

Nexis Click-on mounting plates	216
Accessories	224

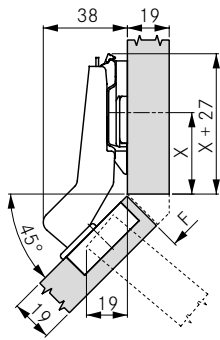
Soft-close Click-on	284
Tipmatic Plus Click-on	296

Technical information	226
Assembly aids	358

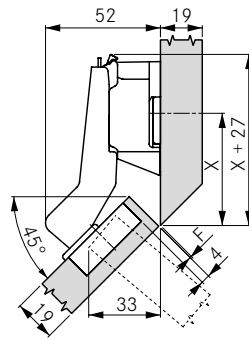
INSTALLATION INFORMATION

All dimensions in millimetres

Inset

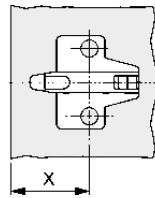


Mounting plate height 4



Mounting plate height 18

	Cup distance				5	6
	3	4	5	6		
2		2	3	4		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
22						
24						
26						
28						
30						
	Mounting plate height					



	Mounting plate height			
	2	3	4	
X	37.0	37.0	37.0	
Mounting plate position				

MINIMUM REVEAL

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

NOTES

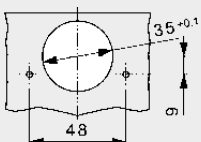
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

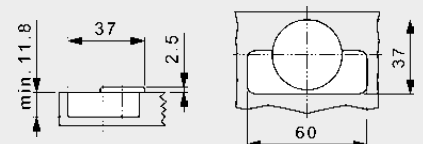
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 05/45/8

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



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

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072757	

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

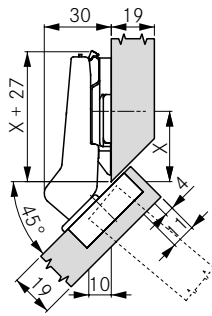
Soft-close Click-on	284
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

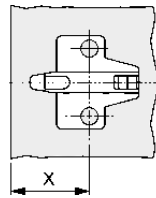
All dimensions in millimetres

Half overlay



Mounting plate height 4

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



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

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	

NOTES

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

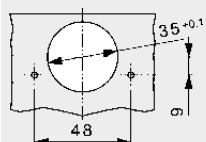
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

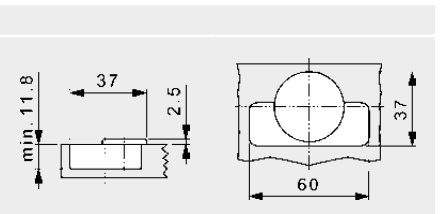
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 29/-14

-14° angle corner cabinet hinge



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

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072834	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	F069073534

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

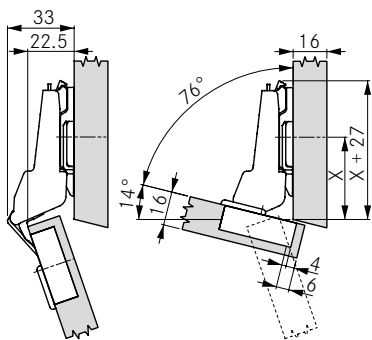
Soft-close Click-on	284
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

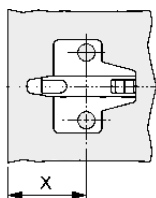
All dimensions in millimetres

Half overlay



Mounting plate height 2

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



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

MINIMUM GAP

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

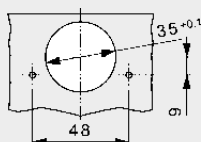
NOTES

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

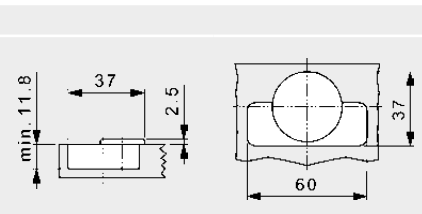
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 29/-24

-24° angle corner cabinet hinge



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

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072829	

COVER CAP

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

ACCESSORIES

	Designation	Item No.
	Soft-close Pin	F069066528
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976

	Designation	Item No.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

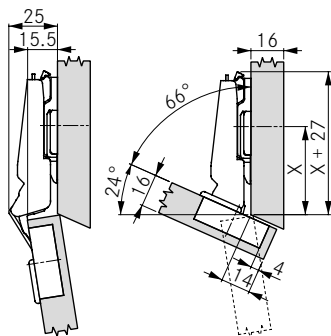
Soft-close Pin	290
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

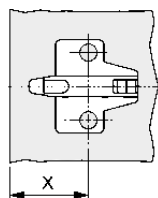
All dimensions in millimetres

Half overlay



Mounting plate height 2

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



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

MINIMUM GAP

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

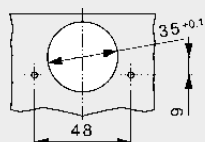
NOTES

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

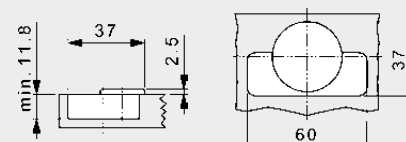
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 29/-45

-45° angle corner cabinet hinge



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

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F015072835	

COVER CAP

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

ACCESSORIES

	Designation	Item No.
	Soft-close Pin	F069066528
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976

	Designation	Item No.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Half overlay

Mounting plate height 2

Door overlay	Cup distance				Mounting plate height
	3	4	5	6	
12				0	
11			0		
10		0		2	
9	0		2	3	
8		2	3	4	
7	2	3	4		
6	3	4			
5	4				

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

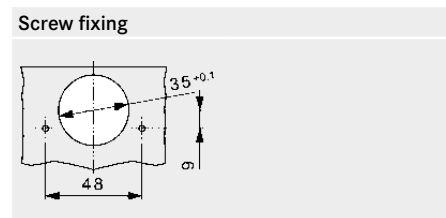
MINIMUM GAP

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

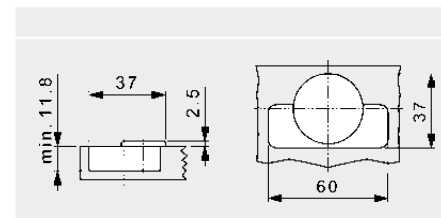
NOTE

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

DRILLING PATTERNS



CUP DIMENSIONS



NEXIS CLICK-ON 05/90/4

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

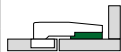


- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals for door thicknesses up to 30 mm
- Soft-close compatible
- 3-dimensional adjustment with appropriate mounting plate


Available in 2 versions:

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





ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	Click-on Press fitting
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F015072788	F015072787
					-	F015072789	-

COVER CAP

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

ACCESSORIES

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

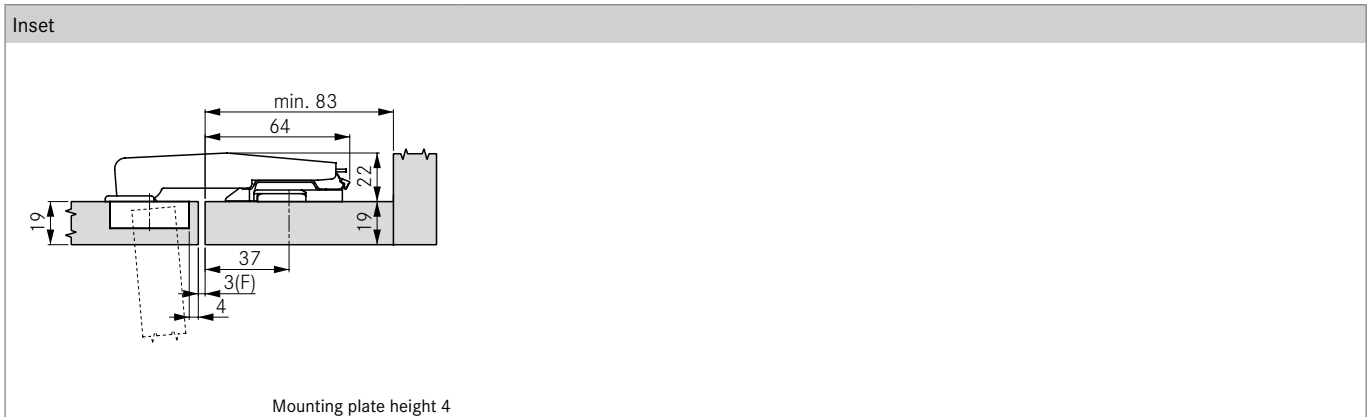
Nexis Click-on mounting plates	216
Accessories	224

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

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM REVEAL

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

NOTES

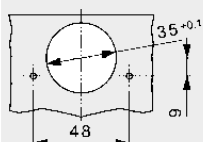
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

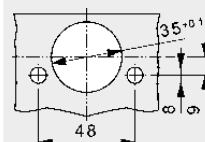
We recommend a trial fitting.

DRILLING PATTERNS

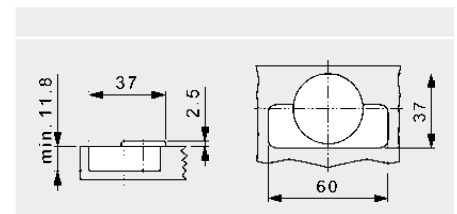
Screw fixing



Press fitting



CUP DIMENSIONS



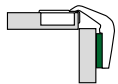
NEXIS CLICK-ON PCC

Pie-cut corner hinge (for corner fitting)




- For connecting two corner cabinet doors
- For door thicknesses of 14-22 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate


ORDER INFORMATION

		Material			with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	F015072858	

COVER CAP

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

ACCESSORIES

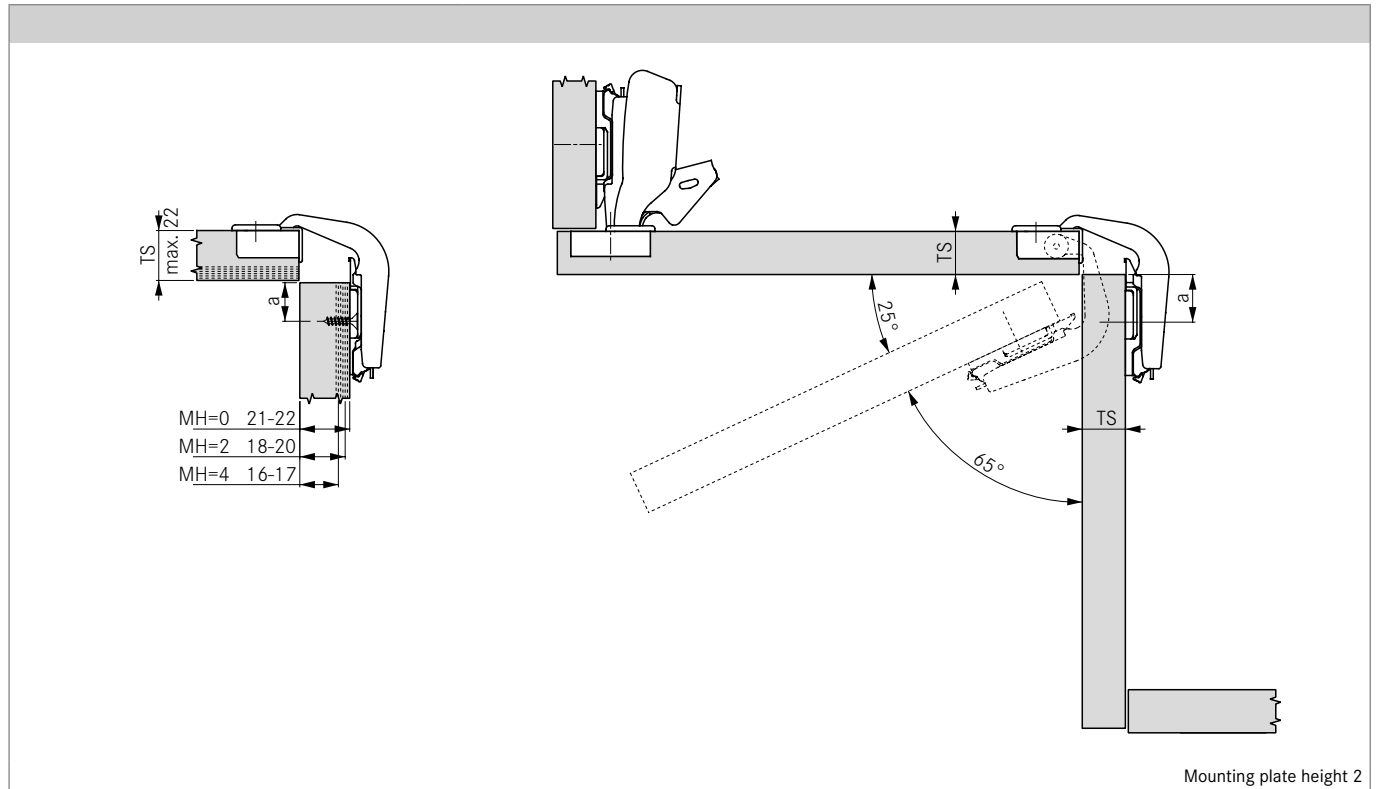
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



DISTANCE TABLE

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

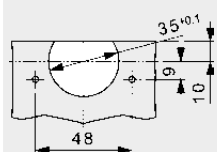
NOTES

Hinge dimensions and reveal calculation with factory setting.

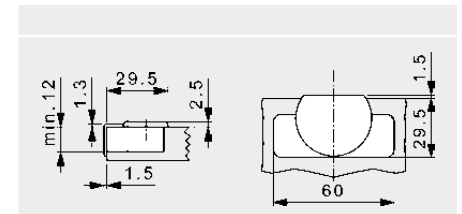
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 17

95° hinge (Door thicknesses up to 19 mm)



- 95° opening angle
- Optimum reveals with door thicknesses up to 19 mm
- Suitable for small doors and doors with narrow frames
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F015072795	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	F015072798	

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	
16	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.2	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	1.0	1.0	1.0	1.0	
18	1.7	1.6	1.5	1.5	
19	2.7	2.5	2.2	2.2	
20	3.4	2.9	2.5	2.3	
22	5.2	4.6	4.1	3.7	
Minimum reveal (F)					

NOTES

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

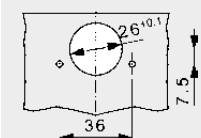
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

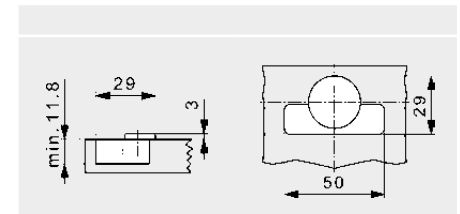
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS CLICK-ON 17 AL

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



- 95° opening angle
- Optimum reveals with aluminium frames up to 20 mm
- Hinge fits flush with the milled aluminium profile
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	F015072796	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	F015072799	
Inset		Zamak, nickel-plated	Zamak, nickel-plated	15	■	F015072965	

COVER CAPS

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

ACCESSORIES

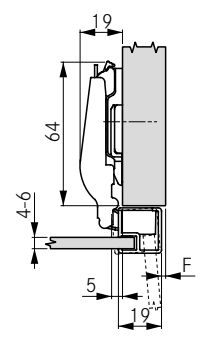
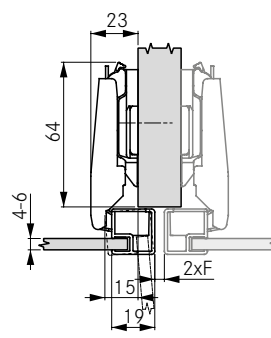
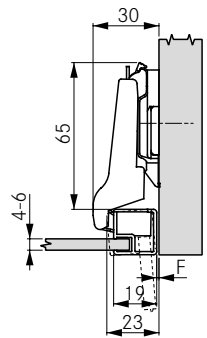
	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	M 3 x 6 screw	F069073405			

Nexis Click-on mounting plates	216
Accessories	224

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

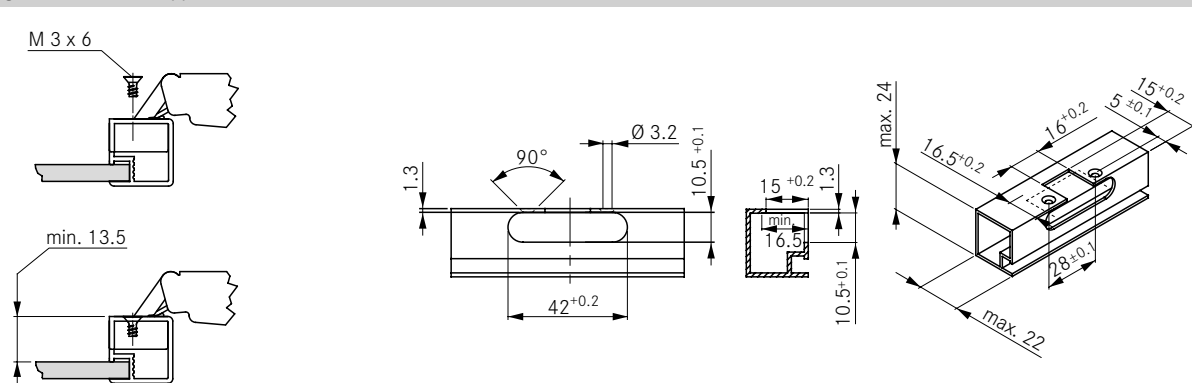
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
 <p>Mounting plate height 2</p>			 <p>Mounting plate height 4</p>			 <p>Mounting plate height 4</p>		
Door overlay	0		8			15		
	17	2	11	0		1	4	
	16	3	9	2				
	15	4	8	3				
			7	4				
Mounting plate height			Mounting plate height			Mounting plate height		

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied



NEXIS CLICK-ON 17 FLEXIBLE

95° aluminium frame hinge



- 95° opening angle
- For aluminium profiles with open grooves
- No milling of the profile required
- Simply insert the hinge into the groove; flexible positioning
- Use cam for fixing
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	F015072797	
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	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069073669

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Corner connector for maximum door size 50 x 90 cm	F069073433
	Al. profile set, anodised, incl. seal	F069073434		Corner connector, long, for max. door size 60 x 90 cm	F069135174

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

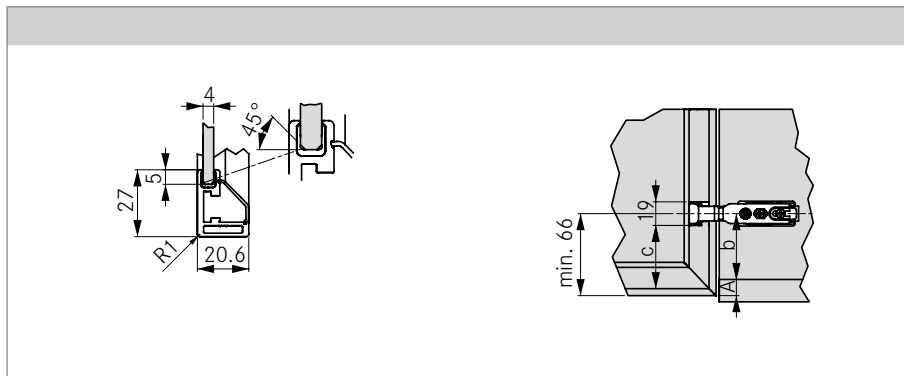
Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
<p>Mounting plate height 2</p>			<p>Mounting plate height 2</p>			<p>Mounting plate height 4</p>		
Door overlay	0		8		15			
	17	2	11	0	1	4		
	16	3	9	2				
	15	4	8	3				
			7	4				
Mounting plate height			Mounting plate height			Mounting plate height		

INSTALLATION DIMENSIONS



NOTES

- Glass dim. = ext. door dim. - 44 mm
- A = Overlay of door on bottom panel
- b = Distance from top edge of bottom panel to centre hinge
- c = b + A - 14.5 mm

NEXIS CLICK-ON 17 GL

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



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Click-on Screw fixing	
Full overlay		Plastic, black	Steel, nickel-plated	0	■	F015072803	
Half overlay		Plastic, black	Zamak, nickel-plated	8	■	F015072804	
Inset		Plastic, black	Zamak, nickel-plated	15	■	F015072805	

COVER CAPS

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

DECORATIVE COVER CAPS

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

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

ACCESSORIES

	Designation	Item No.
	Soft-close Pin	F069066528

	Designation	Item No.

Nexis Click-on mounting plates	216
Accessories	224

Soft-close Pin	290
Technical information	226

Assembly aids	358

INSTALLATION INFORMATION

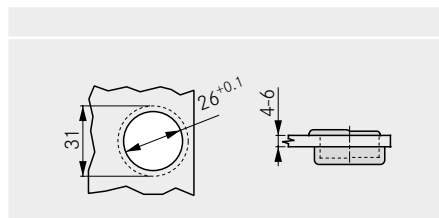
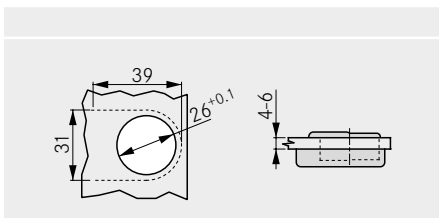
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15	
<p>Mounting plate height 2</p>		<p>Mounting plate height 2</p>		<p>Mounting plate height 4</p>					
Door overlay	Cup distance								
	0	4	5	6					
	19			0					
	18		0						
	17	0		2					
	16		2	3					
	15	2	3	4					
	14	3	4						
	13	4							
		Mounting plate height							
Door overlay	Cup distance								
	8	4	5	6					
	11			0					
	10		0						
	9	0		2					
	8		2	3					
	7	2	3	4					
	6	3	4						
	5	4							
		Mounting plate height							
Door reveal	Cup distance								
	15	4	5	6					
	0	2	3	4					
	1	3	4						
	2	4							
		Mounting plate height							

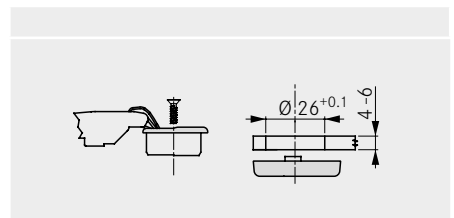
NOTE

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS



CUP DIMENSIONS



NEXIS CLICK-ON 07 MIRRO

128° mirror and glass door hinge



- 128° opening angle
- Soft-close compatible
- Fix by gluing stainless steel adapter to the door
- Use cam to connect hinge to the adapter
- Quick final assembly without drilling into the glass
- 3-dimensional adjustment with appropriate mounting plate

Available in 2 versions:

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

ORDER INFORMATION

Door overlay	Material			with spring	Item No.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	F015072861	
				-	F015072863	

COVER CAP

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

ACCESSORIES

	Designation	Item No.
	Tipmatic Pin for glass/mirror doors	F069135396
	Tipmatic Plus Mirro set	F069073746
	Soft-close Pin	F069066528

	Designation	Item No.
	Soft-close Mirro	F069073711
	Mirro adapter stainless steel	F069073731
	Mirro cover sticker, matt silver for Mirro adapter	F069073733

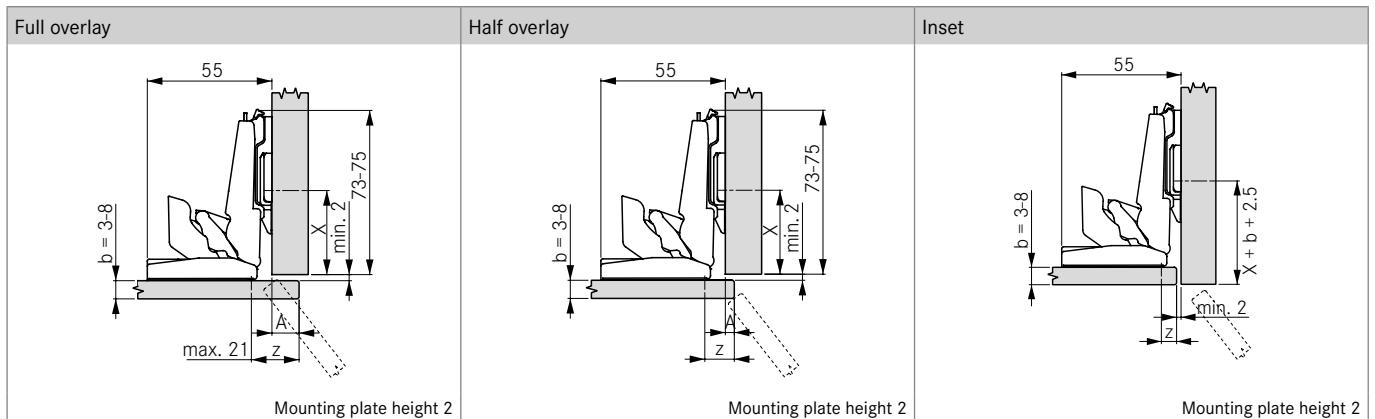
Nexis Click-on mounting plates	216
Accessories	224

Soft-close Mirro	288
Tipmatic Plus Mirro	300

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

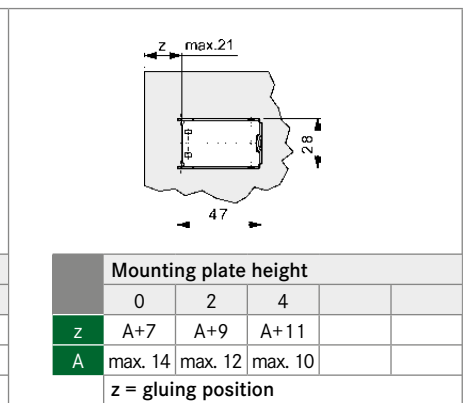
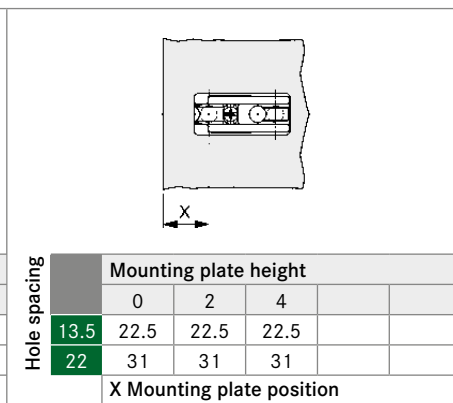
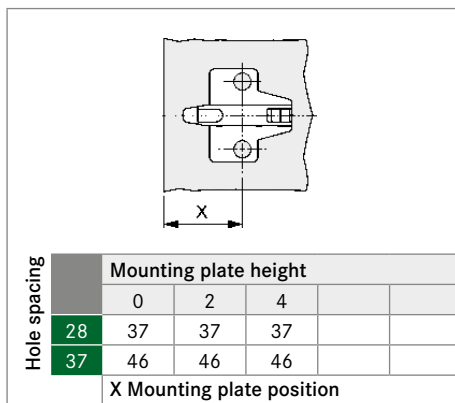
All dimensions in millimetres



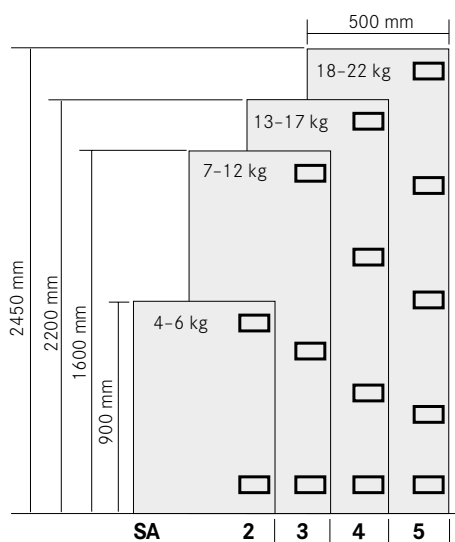
CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

STAINLESS STEEL ADAPTER



NUMBER OF HINGES



NOTES

The door overlay (A) on the cabinet side depends on the distance at which the hinge seat (z) is glued and the mounting plate height. When using a 0 mounting plate height and making full use of the adjustment, the maximum overlay is 16 mm.

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

Important: With mirror and glass doors a minimum reveal width of 2 mm is required (risk of breakage).

The inside edge of the door must not touch the cabinet during opening.

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

Liability claims: Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.

Important: Mirro hinges must not be used with cam mounting plates.

NEXIS CLICK-ON 07/-15 MIRRO

-15° mirror and glass door hinge



- For -15° angled cabinets
- 128° opening angle
- Soft-close compatible
- Fix by gluing stainless steel adapter to the door
- Use cam to connect hinge to the adapter
- Quick final assembly without drilling into the glass
- 3-dimensional adjustment with appropriate mounting plate

Available in 2 versions:

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

ORDER INFORMATION

Door overlay	Material			with spring	Item No.	
	Cup	Arm			Click-on Screw fixing	
	Zamak, nickel-plated	Zamak, nickel-plated		■	F015072862	
				-	F015072864	

COVER CAP

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Tipmatic Pin for glass/mirror doors	F069135396		Soft-close Mirro	F069073711
	Tipmatic Plus Mirro set	F069073746		Mirro adapter stainless steel	F069073731
	Soft-close Pin	F069066528		Mirro cover sticker, matt silver for Mirro adapter	F069073733

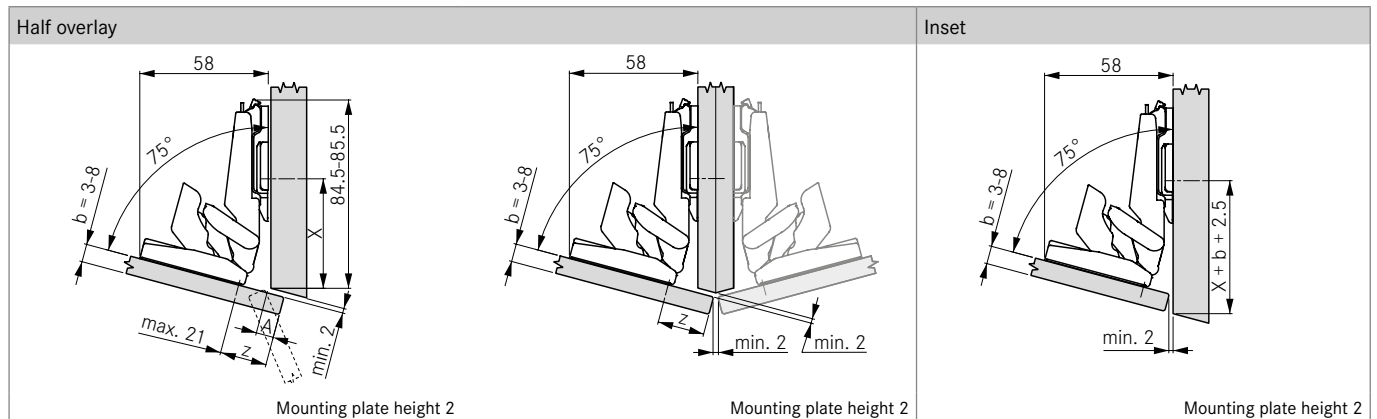
Nexis Click-on mounting plates	216
Accessories	224

Soft-close Mirro	288
Tipmatic Plus Mirro	300

Technical information	226
Assembly aids	358

INSTALLATION INFORMATION

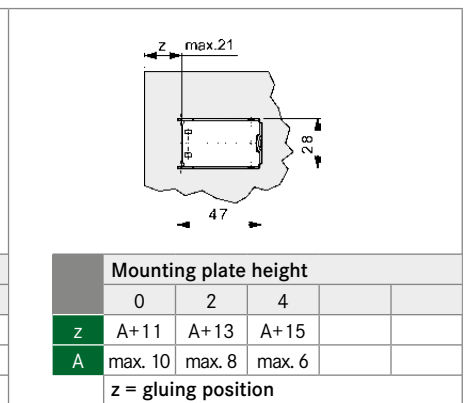
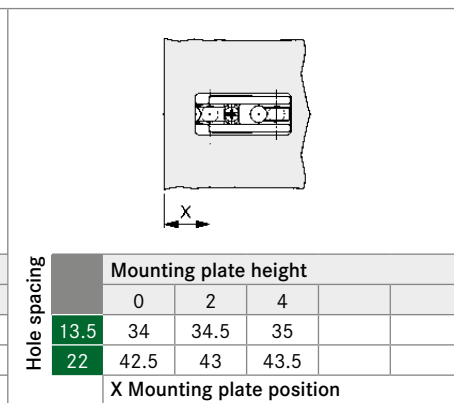
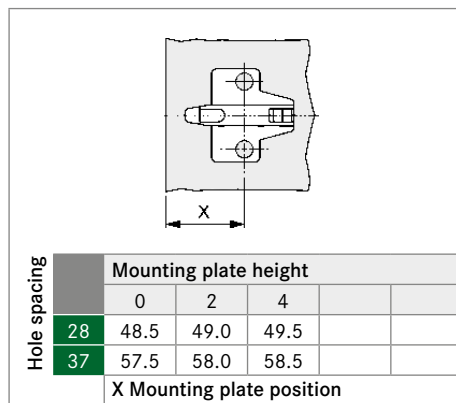
All dimensions in millimetres



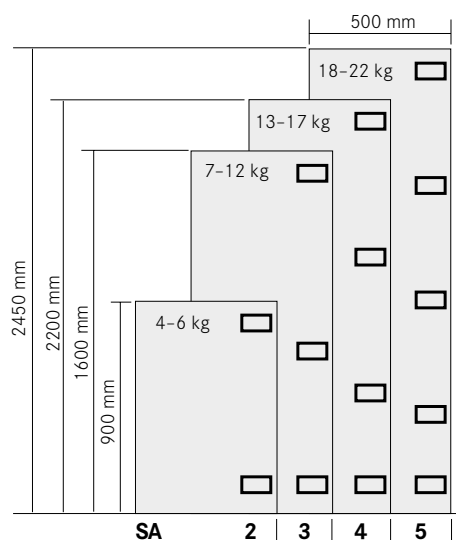
CROSS MOUNTING PLATE

LINEAR MOUNTING PLATE

STAINLESS STEEL ADAPTER



NUMBER OF HINGES



NOTES

The door overlay (A) on the cabinet side depends on the distance at which the hinge seat (z) is glued and the mounting plate height. When using a 0 mounting plate height and making full use of the adjustment, the maximum overlay is 12 mm.

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

Important: With mirror and glass doors a minimum reveal width of 2 mm is required (risk of breakage).

The inside edge of the door must not touch the cabinet during opening.

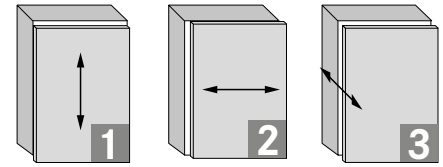
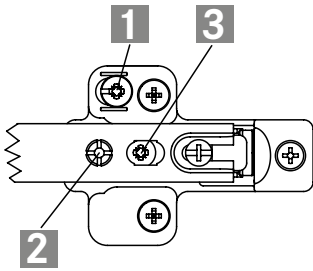
Installation advice: Please contact your glass or door supplier regarding the selection and application of the adhesive for fixing the hinge seat to mirror or glass doors.

Liability claims: Please note that GRASS cannot accept any liability for the adhesive and gluing process used or for any resulting claims.

Important: Mirro hinges must not be used with cam mounting plates.

NEXIS CLICK-ON

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

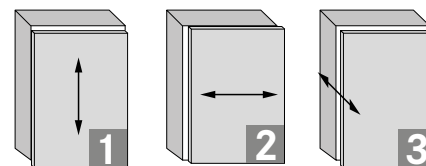
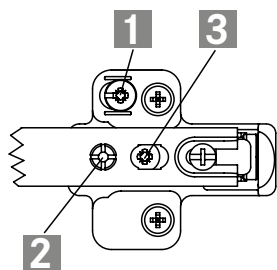
ORDER INFORMATION

2D CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> • Steel/Zamak, nickel-plated • Fixing with wood screws • Fixing distance 37 mm • Hole spacing 32 mm • Height and depth adjustment via a cam 		0	F061073214
		2	F061073215
		4	F061073216
		6	F061073217
		8	F061073218

2D CROSS MOUNTING PLATE, 3-POINT FIXING

With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> • Steel/Zamak, nickel-plated • Fixing with pre-assembled Euro screws • Fixing distance 37 mm • Hole spacing 32 mm • Height and depth adjustment via a cam 		0	F061073232
		2	F061073233
		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

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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

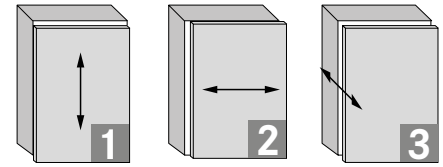
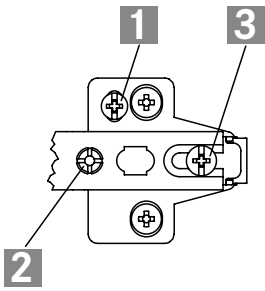
With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm Height and depth adjustment via a cam 		0	F06 1073236
		2	F06 1073237
		3	F06 1073294
		4	F06 1073238
		6	F06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

2D CROSS MOUNTING PLATE, 2-POINT FIXING

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

NEXIS CLICK-ON

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

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

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

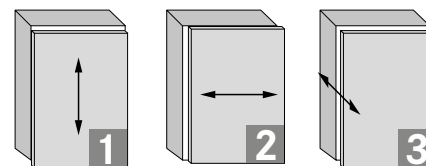
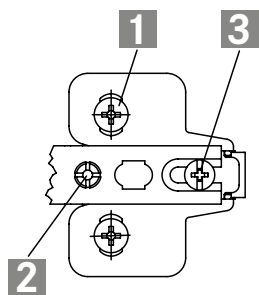
For Euro screws	37 / 32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 32 mm 		0	F060073156
		2	F060073157
		4	F060073158
		8	F060073159
		18	F060073160

SPACER PLATE, HEIGHT 3

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

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

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



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

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

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

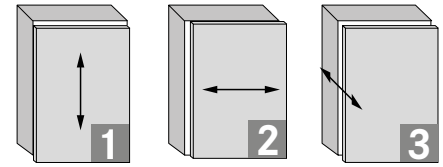
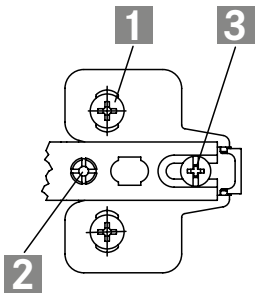
With pre-assembled Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled 13.5 mm long Euro screws Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073179
		2	F060073180
		3	F060073211
		4	F060073181

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

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

NEXIS CLICK-ON

Mounting plates



Height adjustment
+/-2 mm


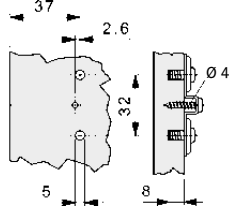
Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm


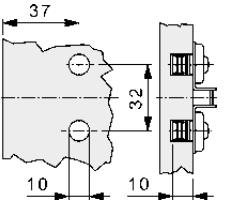
All adjustments can be carried out independently of each other.

ORDER INFORMATION


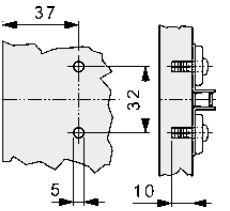
1-PART CROSS MOUNTING PLATE, 3-POINT FIXING

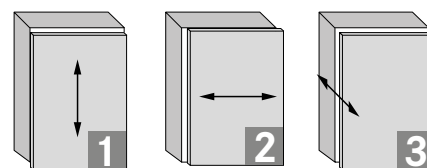
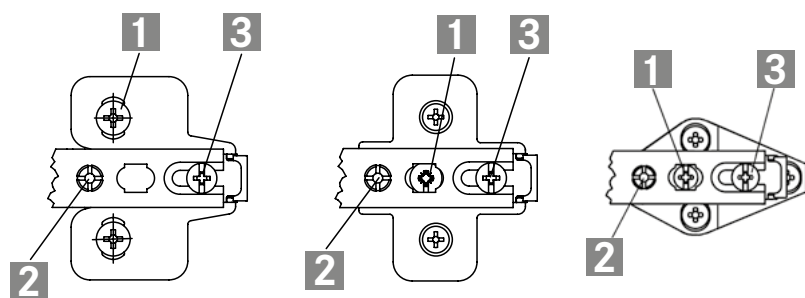
With expansion dowel	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with 5 mm expansion dowels Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot  <p>ⓘ Plate must not be fixed with a cordless screwdriver.</p>		0	F060073185
		2	F060073186
		4	F060073187

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

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

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING

With expansion dowel bridge	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with 5 mm expansion dowel bridge Fixing distance 37 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073182
		2	F060073183
		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	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with wood screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment via slot 		0	F060073139
		2	F060073140
		4	F060073141

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

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

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

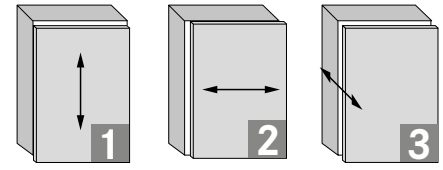
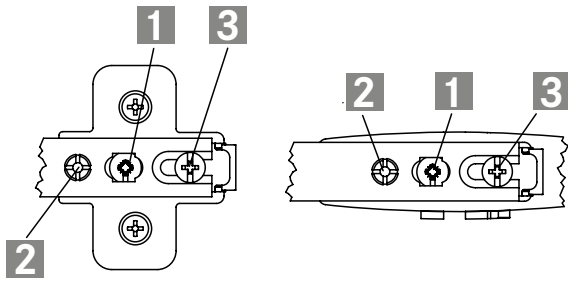
For Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment 		2	F060073154
		4	F060073155

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

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

NEXIS CLICK-ON

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

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

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

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

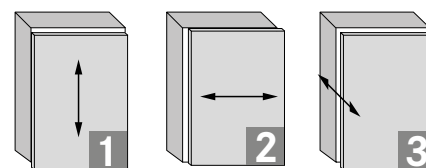
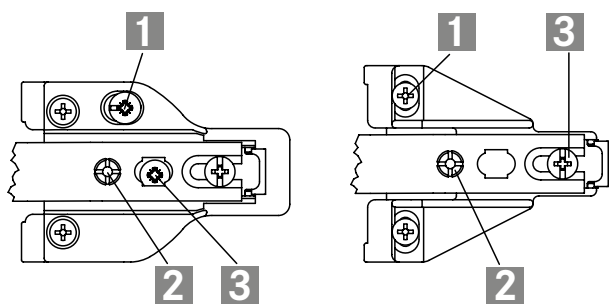
For Euro screws	X/32	Height	Item No.
<ul style="list-style-type: none"> For 45° opening angle Zamak, nickel-plated Fixing with Euro screws Hole spacing 32 mm Height adjustment 		2	F061073271
		4	F061073272

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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

1D LINEAR MOUNTING PLATE, 2-POINT FIXING

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



Height adjustment
+/-2 mm

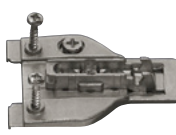
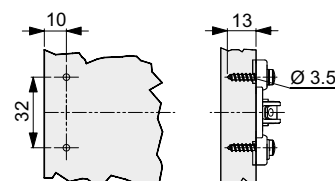
Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

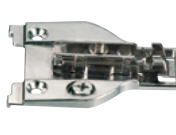
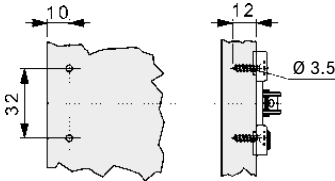
All adjustments can be carried out independently of each other.

ORDER INFORMATION

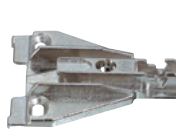
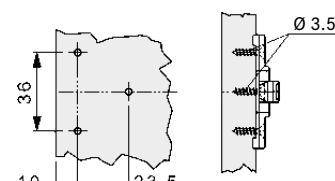
2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

With pre-assembled wood screws	10/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with pre-assembled wood screws Height and depth adjustment via a cam 		0	F061073283
		2	F061073284
		4	F061073285

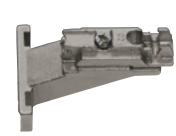
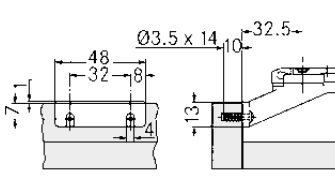
2D SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with wood screws Height and depth adjustment via a cam 		0	F061073279
		2	F061073280
		4	F061073281

SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing	10/36	Height	Item No.
<ul style="list-style-type: none"> Zamak, nickel-plated Fixing with wood screws Height adjustment via slot 		0	F061073275
		2	F061073276
		4	F061073277






2-PART SPECIAL MOUNTING PLATE FOR FRAME CONSTRUCTION

For screw fixing		Height	Item No.
<ul style="list-style-type: none"> For inset doors For hinges, cranking size 8 Zamak, nickel-plated Fixing with wood screws Height adjustment 		2	F061073278



NEXIS CLICK-ON

Accessories


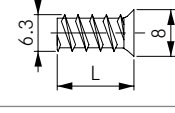

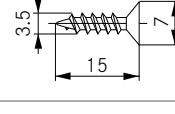

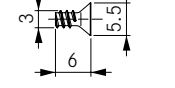
COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	F069073548
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	F069073534
	Click-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	F069073687

OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			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			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		F146073979
		L = 13.5		F069135297
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		F146073976
	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6		F069073405

NEXIS CLICK-ON

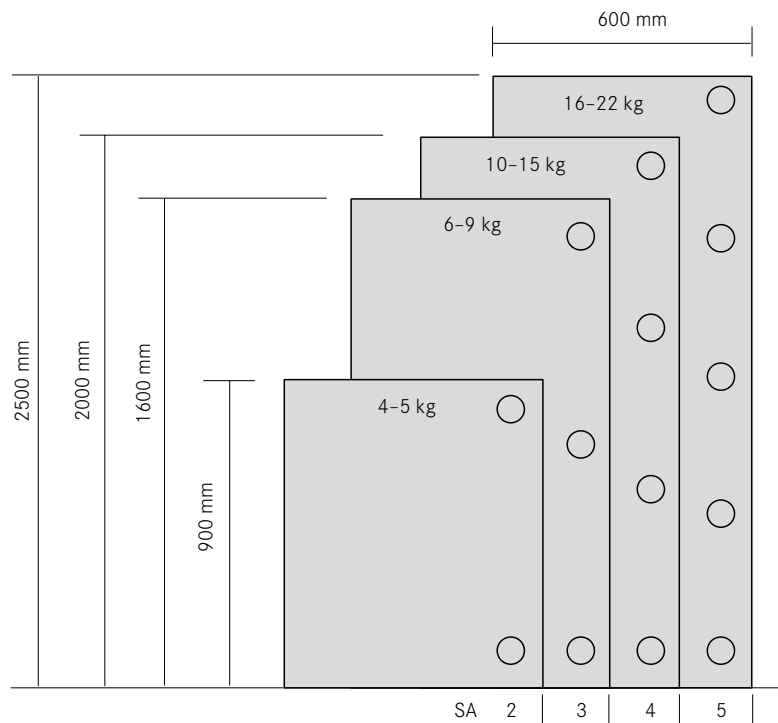
Technical information

NUMBER OF HINGES PER DOOR

Description

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

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



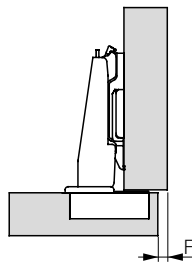
DOOR REVEAL AND MINIMUM REVEAL

Description

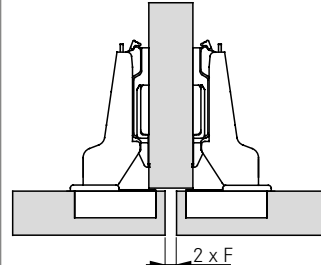
The reveal is the distance between two doors or between the door and the cabinet side wall.

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

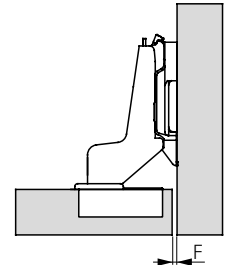
Full overlay door



Half overlay door



Inset door



Minimum reveal table

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

Example:

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

Important

Reveals were calculated for doors with a radius of 1 mm! Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

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

Achievable reveal with inset door

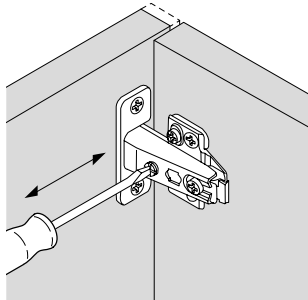
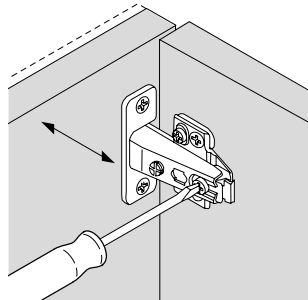
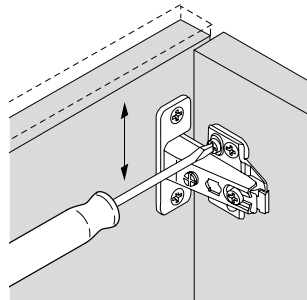
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

Example:

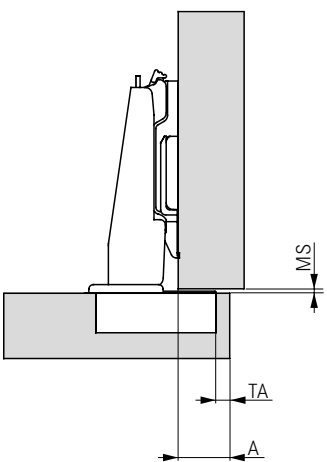
For a **cup distance of 4 mm** and a **mounting plate height of 3 mm** the reveal width is **1 mm**.

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

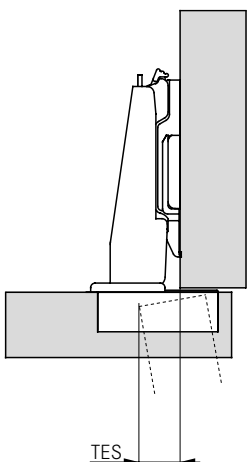
ADJUSTMENTS

Description	Side adjustment +1/-3 mm	Depth adjustment +3/-1 mm	Height adjustment +/- 2mm
The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.			

MINIMUM GAP – CUP DISTANCE

Description	Example:																																																																																				
<p>The minimum gap (MS) is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p>The cup distance (TA) is the distance between the edge of the door and the edge of the cup hole.</p> 	<p>For a door thickness of 26 mm and a cup distance of 6 mm, the minimum gap is 0.7 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door thickness</th> <td>16</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>18</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>24</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td></td> <td></td> </tr> <tr> <td>26</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.7</td> <td></td> <td></td> </tr> <tr> <td>28</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.9</td> <td></td> <td></td> </tr> <tr> <td>30</td> <td>0.5</td> <td>0.5</td> <td>1.1</td> <td>1.1</td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4">Minimum gap</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door thickness	16	0.5	0.5	0.5	0.5			18	0.5	0.5	0.5	0.5			19	0.5	0.5	0.5	0.5			20	0.0	0.0	0.0	0.5			22	0.5	0.5	0.5	0.5			24	0.5	0.5	0.5	0.5			26	0.5	0.5	0.5	0.7			28	0.5	0.5	0.5	0.9			30	0.5	0.5	1.1	1.1				Minimum gap						
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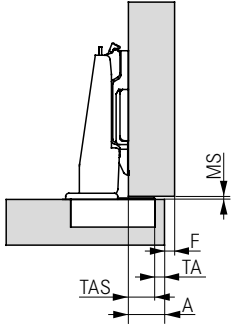
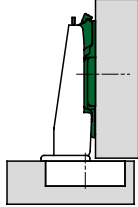
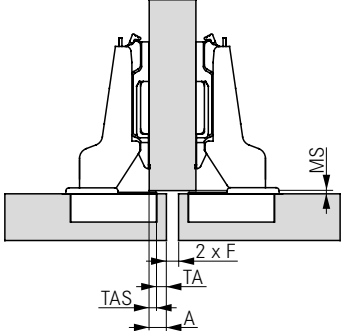
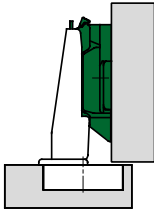
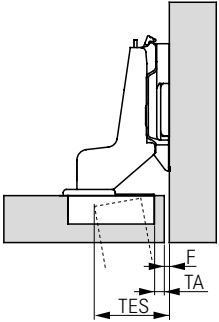
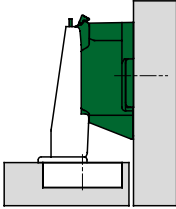
DOOR PROTRUSION / DOOR OVERLAY

Door protrusion	Door overlay																																																																																				
<p>Door protrusion (TES) occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p> 	<p>The door overlay (A) is that part of the side wall or frame which is covered by the door.</p> <p>Example: With a hinge with cranking size 8, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="4">Cup distance</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <th rowspan="10">Door overlay</th> <td>8</td> <td></td> <td></td> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td>0</td> <td></td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>0</td> <td></td> <td>2</td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>2</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>3</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4">Mounting plate height</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Cup distance							3	4	5	6	Door overlay	8			5				11				0			10			0				9		0		2			8	0		2	3			7		2	3	4			6	2	3	4				5	3	4					4	4							Mounting plate height						
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	6	2	3	4																																																																																	
	5	3	4																																																																																		
	4	4																																																																																			
		Mounting plate height																																																																																			

NEXIS CLICK-ON

Technical information

OPTIONS FOR CHANGING THE DOOR OVERLAY

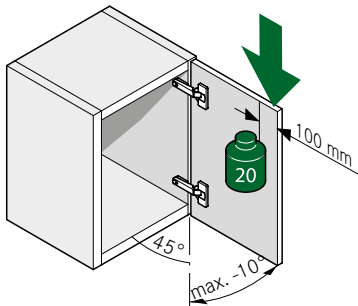
By selecting the cranking	By using a mounting plate with a different height
<p>Full overlay (cranking 0)</p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Full overlay</p>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

TEST CRITERIA FOR HINGES

Functional test

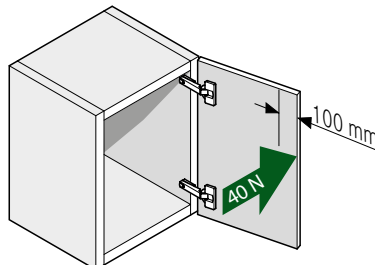
Static load – vertical

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



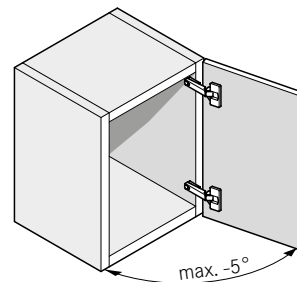
Static load – horizontal

Force: 40 N
Number: 10



Endurance test

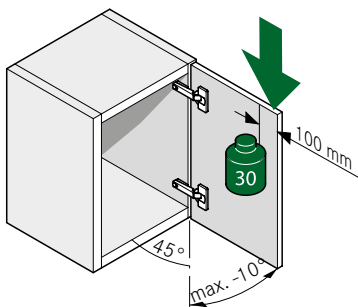
Opening angle: max. -5°
Open and close movements: 100,000



Overload testing

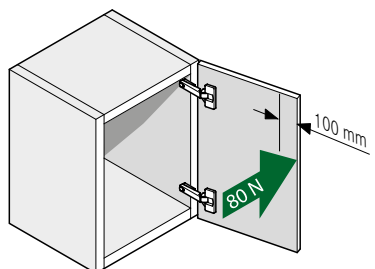
Vertical

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



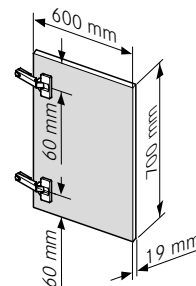
Horizontal

Force: 80 N
Number: 10



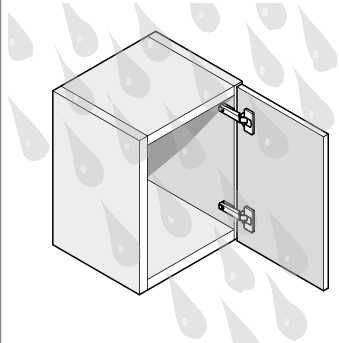
Test door

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2



Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



NEXIS SLIDE-ON

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

QUALITY CERTIFICATE
LGAD

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

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



NEXIS SLIDE-ON

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

Opening angle	Product designation	Application	Full overlay	Half overlay	Inset	Soft-close compatible	Page
100°	Slide-on 04		■	■	■	■	234
110°	Slide-on 22		■	■	-	■	236
125°	Slide-on 29		■	■	-	■	238
170°	Slide-on 65	Wide-angle hinge	■	■	-	■	240
95°	Slide-on 05	Profiled door hinge	■	■	■	■	242
95°	Slide-on 25	Profiled door hinge	■	■	■	-	244
95°	Slide-on 05/30/2	+30° angle corner cabinet hinge	-	■	-	■	246
95°	Slide-on 05/45/3	+45° angle corner cabinet hinge	-	-	■	■	248
95°	Slide-on 05/45/8	+45° angle corner cabinet hinge	-	■	-	■	250
95°	Slide-on 05/90/4	Blind corner hinge	-	-	■	■	252
95°	Slide-on 05/90/0	Blind corner hinge	-	-	■	■	254
270°	Slide-on 70	Single-joint hinge	■	-	-	-	256
270°	Slide-on 73	Single-joint hinge	■	■	-	-	258
180°	Slide-on 80	Single-joint hinge	■	■	-	-	260
-	Slide-on PCC	Pie-cut corner hinge	-	-	■	-	262
95°	Slide-on 17	Mini-hinge	■	■	■	■	264
95°	Slide-on 17 AL	Aluminium frame hinge	■	■	■	■	266
95°	Slide-on 17 GL	Glass door hinge	■	■	■	-	268

Nexis Slide-on mounting plates	270
Accessories	274
Technical information	276
Soft-close damping system	281
Assembly aids	358

Timos

Nexis




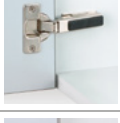


Special hinges


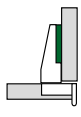
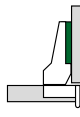

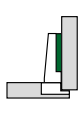

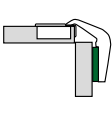

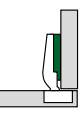
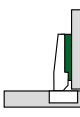
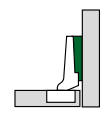

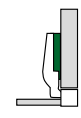

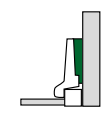

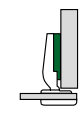
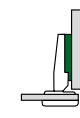
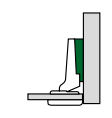
Single-joint hinges




Cabinet making accessories

NEXIS SLIDE-ON

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

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
100°		Nexis Slide-on 04 <ul style="list-style-type: none"> • Also suitable for soft-formed doors • Optimum reveals up to 24 mm door thickness • Soft-close compatible 				234
110°		Nexis Slide-on 22 <ul style="list-style-type: none"> • 11 mm cup depth • Also suitable for soft-formed doors • Soft-close compatible 			-	236
125°		Nexis Slide-on 29 <ul style="list-style-type: none"> • Convenient access to unit • Soft-close compatible 			-	238
170°		Nexis Slide-on 65 <ul style="list-style-type: none"> • Also suitable for soft-formed doors • Zero protrusion • Soft-close compatible 			-	240
95°		Nexis Slide-on 05 <ul style="list-style-type: none"> • Suitable for thick doors or profiled doors • Optimum reveals up to 30 mm door thickness • Soft-close compatible 				242
95°		Nexis Slide-on 25 <ul style="list-style-type: none"> • Cup diameter 40 mm • For profiled and frame doors up to 36 mm thickness • Minimum reveals with thick doors 				244
95°		Nexis Slide-on 05/30/2 <ul style="list-style-type: none"> • For 30° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible 	-		-	246
95°		Nexis Slide-on 05/45/3 <ul style="list-style-type: none"> • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible 	-	-		248
95°		Nexis Slide-on 05/45/8 <ul style="list-style-type: none"> • For 45° angled cabinets • Optimum reveals up to 30 mm door thickness • Soft-close compatible 	-		-	250
95°		Nexis Slide-on 05/90/4 <ul style="list-style-type: none"> • For protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible 	-	-		252
95°		Nexis Slide-on 05/90/0 <ul style="list-style-type: none"> • Short hinge arm for protruding posts • Optimum reveals up to 30 mm door thickness • Soft-close compatible 	-	-		254
270°		Nexis Slide-on 70 <ul style="list-style-type: none"> • Cup diameter 30 mm • Single-joint hinge • For door thicknesses from 15 to 21 mm 		-	-	256

Opening angle		Product description	Full overlay	Half overlay	Inset	Page
270°		Nexis Slide-on 73 <ul style="list-style-type: none"> • Single-joint hinge • For door thicknesses from 15 to 21 mm • With wide-angle opening 			-	258
180°		Nexis Slide-on 80 <ul style="list-style-type: none"> • Single joint hinge for rebated doors • For door thicknesses from 14 to 21 mm • With wide-angle opening 		-	-	260
-		Nexis Slide-on PCC <ul style="list-style-type: none"> • Pie-cut corner hinge for corner applications • For door thicknesses from 14 to 22 mm • For connecting two corner cabinet doors 	-	-		262
95°		Nexis Slide-on 17 <ul style="list-style-type: none"> • Cup diameter 26 mm, ideal for frame doors • Optimum reveals up to 19 mm • Soft-close compatible 				264
95°		Nexis Slide-on 17 AL <ul style="list-style-type: none"> • For aluminium frames up to 20 mm thickness • Hinge fits flush with the profile • Soft-close compatible 				266
95°		Nexis Slide-on 17 GL <ul style="list-style-type: none"> • For glass thicknesses from 4 to 6 mm • Cup diameter 26 mm • Ideal for display cabinets 				268

	Nexis Slide-on mounting plates	270
	Accessories <ul style="list-style-type: none"> • Hinge arm cover caps • Opening angle reduction clips 	274
	Technical information	276
	Soft-close damping system	281

NEXIS SLIDE-ON 04

100° hinge (Door thicknesses up to 24 mm)



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	-2	■	F016073023	-
				0	■	F016073008	F016073010
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	F016073014	F016073016
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	F016073018	F016073020

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	
16	0.5	0.5	0.5	0.5	
18	0.5	0.5	0.5	0.5	
19	0.5	0.5	0.5	0.5	
20	0.5	0.5	0.5	0.5	
22	0.5	0.5	0.5	0.8	
24	0.5	0.5	0.5	1.1	
Minimum gap					

MINIMUM REVEAL

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

NOTES

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

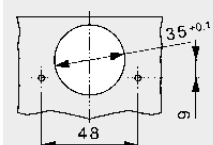
Important: Reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

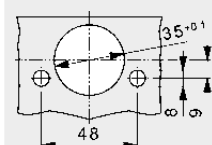
We recommend a trial fitting.

DRILLING PATTERNS

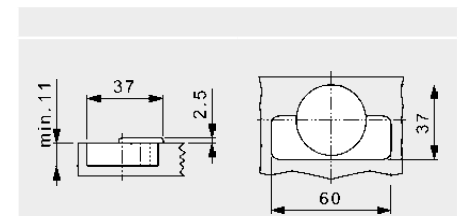
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS SLIDE-ON 22

110° hinge



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F016073062	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	F016073064	-

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		85° opening angle reduction clip, plastic, black	F069135032
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

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

MINIMUM GAP

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

MINIMUM REVEAL

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

NOTES

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

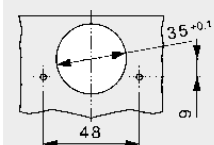
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

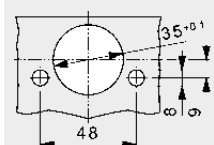
We recommend a trial fitting.

DRILLING PATTERNS

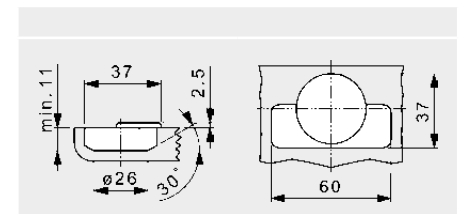
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS SLIDE-ON 29

125° hinge (Door thicknesses up to 19 mm)



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F016073070	

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

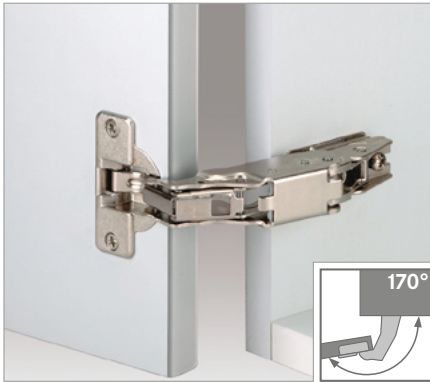
Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358

NEXIS SLIDE-ON 65

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



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	F016073077	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	F016073079	

ACCESSORIES

	Designation	Item No.
	Soft-close Pin	F069066528
	170° Soft-close	F069073729

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

Nexis Slide-on mounting plates	270
Accessories	274

170° Soft-close	286
Technical information	276

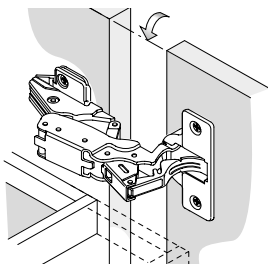
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

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



Zero protrusion for use with inset drawers.

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

MINIMUM GAP

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

MINIMUM REVEAL

Door thickness	Cup distance						
	3	4	5	6	7	8	
16	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.5	1.8	2.0	
25	6.5	6.5	6.0	5.5	4.8	4.0	
26	10.5	9.5	8.5	7.5	6.5	5.5	
	Minimum reveal (F)						

NOTES

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

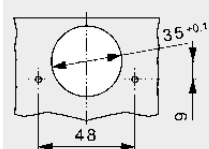
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

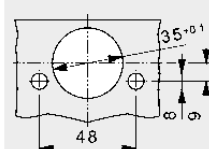
We recommend a trial fitting.

DRILLING PATTERNS

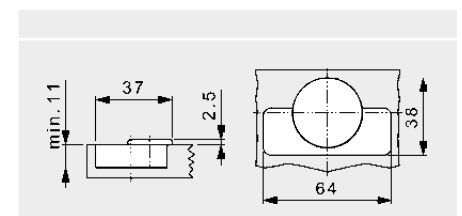
Screw fixing



Press fitting



CUP DIMENSIONS



NEXIS SLIDE-ON 05

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



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

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	Slide-on Press fitting
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F016073028	-
Half overlay		Steel, nickel-plated	Steel, nickel-plated	8	■	F016073039	-
Inset		Steel, nickel-plated	Steel, nickel-plated	15	■	F016073044	F016073045

COVER CAPS

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

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358
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NEXIS SLIDE-ON 25

95° profiled door hinge (Door thicknesses up to 36 mm)



- 95° opening angle
- Minimum reveals with thick doors
- Ø 40 mm hinge cup
- For thick profiled and frame doors up to 36 mm thickness
- Special spring mechanism ensures excellent closing force – also in the case of large doors
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Steel, nickel-plated	Zamak, nickel-plated	0	■	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	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15		
Mounting plate height 2			Mounting plate height 2			Mounting plate height 4				
Door overlay	Cup distance									
	0	3	4	5	6	7	8	9	10	11
	24									0
	23								0	
	22							0	2	
	21						0	2	3	
	20					0	2	3	4	
	19			0		2	3	4		
	18		0		2	3	4			
	17	0		2	3	4				
16	0	2	3	4						
15	2	3	4							
14	2	3	4							
Mounting plate height										
Door overlay	Cup distance									
	8	3	4	5	6	7	8	9	10	11
	16									0
	15								0	
	14							0	2	
	13						0	2	3	
	12					0	2	3	4	
	11			0		2	3	4		
	10		0		2	3	4			
	9	0	2	3	4					
8	0	2	3	4						
7	2	3	4							
6	2	3	4							
Mounting plate height										
Door reveal	Cup distance									
	15	3	4	5	6					
	0	2	3	4						
	1	2	3	4						
	2	3	4							
Mounting plate height										

MINIMUM GAP

Door thickness	Cup distance								
	3	4	5	6	8	10			
20	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	0.0			
24	0.0	0.0	0.0	0.0	0.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.0	0.0	0.0	0.0			
32	0.0	0.0	0.0	0.0	0.0	0.0			
34	0.0	0.0	0.0	0.0	0.0	0.0			
36	0.0	0.0	0.0	0.0	0.0	0.0			
Minimum gap									

MINIMUM REVEAL

Door thickness	Cup distance								
	3	4	5	6	8	10			
20	0.1	0.1	0.1	0.1	0.1	0.1			
22	0.2	0.2	0.2	0.2	0.2	0.2			
24	0.3	0.3	0.3	0.3	0.3	0.3			
26	0.4	0.4	0.4	0.4	0.4	0.4			
28	0.6	0.6	0.6	0.6	0.6	0.6			
30	0.8	0.8	0.8	0.8	0.8	0.8			
32	2.1	1.1	1.1	1.1	1.1	1.1			
34	4.2	3.1	2.3	1.6	1.4	1.4			
36	6.5	5.2	4.2	3.5	2.2	1.7			
Minimum reveal (F)									

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

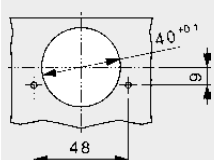
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

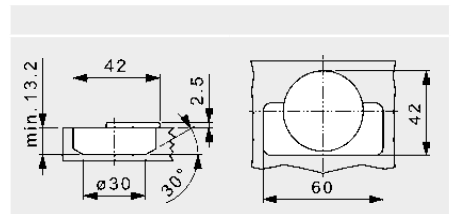
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS SLIDE-ON 05/30/2

+30° angle corner cabinet hinge (Door thicknesses up to 30 mm)



- For 30° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F016073032	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358

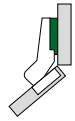
NEXIS SLIDE-ON 05/45/3

+45° angle corner cabinet hinge (Door thicknesses up to 30 mm)




- For 45° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate





ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F016073033	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358

NEXIS SLIDE-ON 05/45/8

+45° angle corner cabinet hinge (Door thicknesses up to 30 mm)



- For 45° angled cabinets
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated		■	F016073038	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

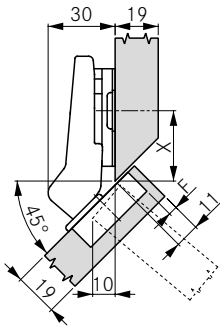
Soft-close Click-on	284
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

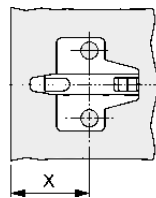
All dimensions in millimetres

Half overlay



Mounting plate height 4

Door overlay max.	Cup distance				Mounting plate height
	3	4	5	6	
19.5				0	
18.5			0		
18.0		0		2	
17.3	0		2	3	
16.5		2	3	4	
15.8	2	3	4		
15.0	3	4			
14.5	4				



X	Mounting plate height				Mounting plate position
	0	2	3	4	
X	35.0	33.0	32.0	31.0	

MINIMUM GAP

Door thickness	Cup distance				Minimum gap
	3	4	5	6	
16	0.5	0.5	0.5	0.5	
18	0.5	0.5	0.5	0.5	
19	0.5	0.5	0.5	0.5	
20	0.0	0.0	0.0	0.5	
22	0.5	0.5	0.5	0.5	
24	0.5	0.5	0.5	0.5	
26	0.5	0.5	0.5	0.7	
28	0.5	0.5	0.5	0.9	
30	0.5	0.5	1.1	1.1	

MINIMUM REVEAL

Door thickness	Cup distance				Minimum reveal (F)
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

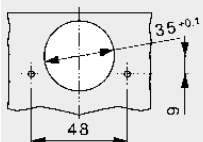
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

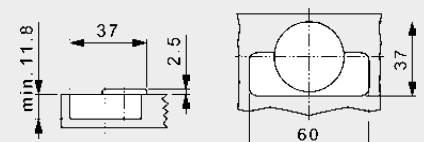
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



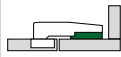
NEXIS SLIDE-ON 05/90/4

95° blind corner hinge (Door thicknesses up to 30 mm)




- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate





ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F016073048	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

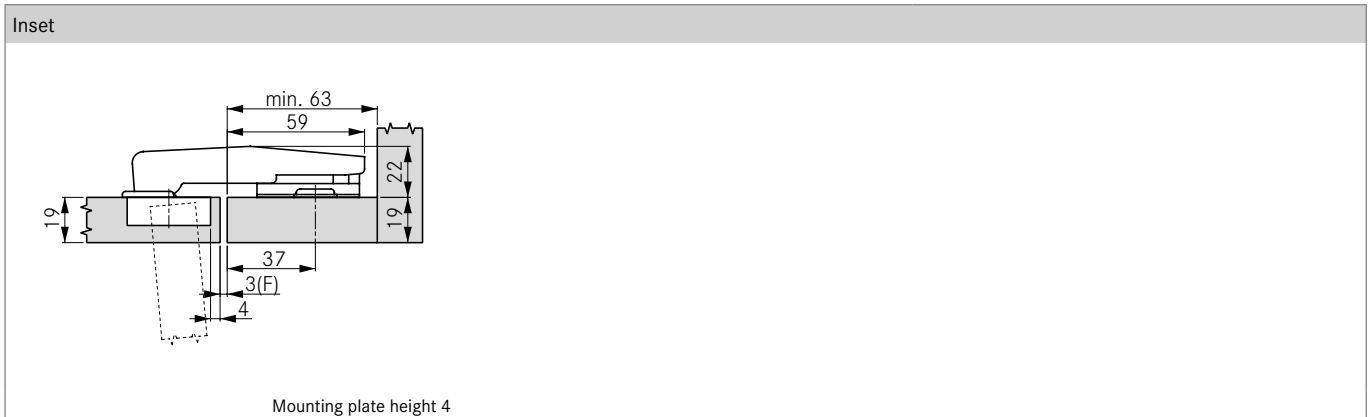
Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Click-on	284
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



MINIMUM REVEAL

	Cup distance				
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	
	Minimum reveal (F)				

NOTES

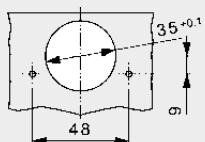
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

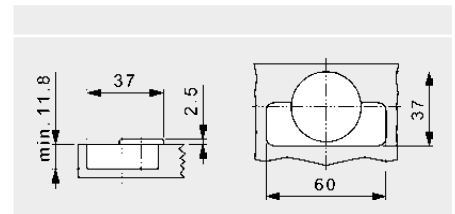
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



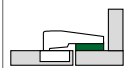
NEXIS SLIDE-ON 05/90/0

95° blind corner hinge (Door thicknesses up to 30 mm)

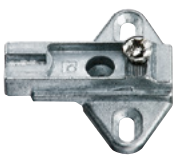
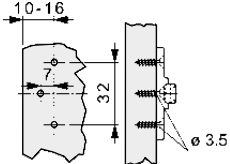


- For direct mounting on protruding post
- 95° opening angle
- Optimum reveals with door thicknesses up to 30 mm
- Soft-close compatible
- Short hinge arm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate


ORDER INFORMATION

Door overlay		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Inset		Steel, nickel-plated	Zamak, nickel-plated		■	F016073027	





SUITABLE MOUNTING PLATES

	Drilling pattern	Height	Material	Fixing	Hole spacing	Item No.	
						Screw fixing	
		0	Zamak, natural	Wood screws	32	F063073348	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528		Countersunk wood screw Ø 3.5 x 15 mm	F146073976
	Soft-close Click-on set	F069073714		Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687

Nexis Slide-on mounting plates	270
Accessories	274

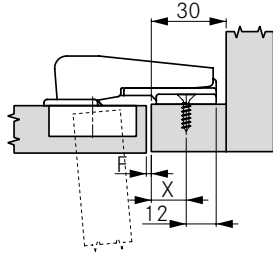
Soft-close Click-on	284
Technical information	276

Assembly aids	358
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INSTALLATION INFORMATION

All dimensions in millimetres

Inset



Mounting plate height 0

MOUNTING PLATE POSITION

Mounting plate position (X)	Cup distance				
	3	4	5	6	
17	0				
16	1	0			
15	2	1	0		
14	3	2	1	0	
13	4	3	2	1	
12	5	4	3	2	
11	6	5	4	3	
10	7	6	5	4	
	Door reveal				

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	0.1	0.1	0.1	0.1	
18	0.2	0.2	0.2	0.2	
19	0.3	0.3	0.3	0.3	
20	0.4	0.4	0.4	0.4	
22	0.7	0.7	0.7	0.7	
24	1.0	1.0	1.0	1.0	
26	1.4	1.4	1.4	1.4	
28	1.9	1.9	1.9	1.9	
30	3.8	2.9	2.6	2.5	
	Minimum reveal (F)				

NOTES

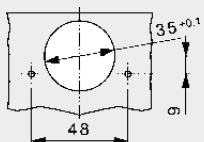
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

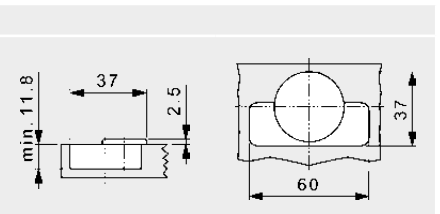
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS SLIDE-ON 70

270° single joint hinge (Door thicknesses 15 to 21 mm)



- 270° opening angle
- For door thicknesses from 15 to 21 mm
- For door overlay up to 16 mm
- With automatic hold-closed function
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Door thickness	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	T20 (15 - 21 mm)	■	F016073088	
				T17 (15 - 18 mm)	■	F016073090	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay (T20)

Mounting plate height 0

Full overlay (T17)

Mounting plate height 0

Recess depth (x)	
0	0
16	0
15	
14	2
13	3
12	4
11	
10	
9	
8	2
7	3
6	4
Mounting plate height	

NOTES

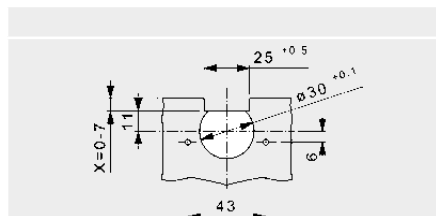
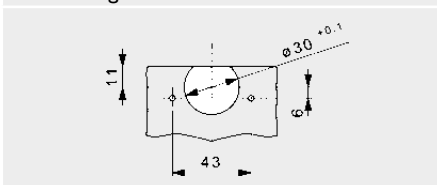
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

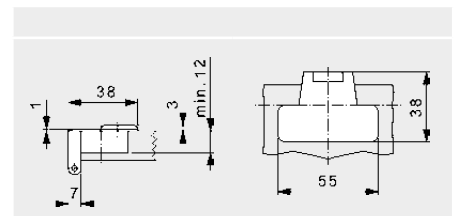
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing

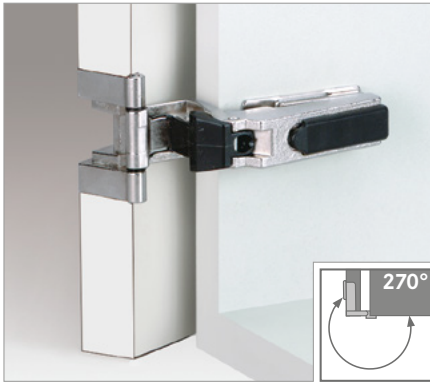


CUP DIMENSIONS



NEXIS SLIDE-ON 73

270° single joint hinge (Door thicknesses 15 to 21 mm)



- 270° opening angle
- For door thicknesses from 15 to 21 mm
- For door overlay up to 16 mm
- With automatic hold-closed function
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Zamak, nickel-plated	Zamak, nickel-plated	0	■	F016073084	
Half overlay		Zamak, nickel-plated	Zamak, nickel-plated	8	■	F016073095	

COVER CAP

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0		Half overlay		K8											
Mounting plate height 0		Mounting plate height 0															
Door overlay	Recess depth (x)							Door overlay	Recess depth (x)								
	0	6	5	4	3	2	1		0	8	6	5	4	3	2	1	0
	16	0								8	0						
	15		0							7		0					
	14	2		0						6	2		0				
	13	3	2		0					5	3	2		0			
	12	4	3	2		0				4	4	3	2		0		
	11		4	3	2		0			3		4	3	2		0	
	10			4	3	2			0	2			4	3	2		0
	9				4	3	2			1				4	3	2	
8					4	3	2										
7						4	3										
6							4										
Mounting plate height				Mounting plate height													

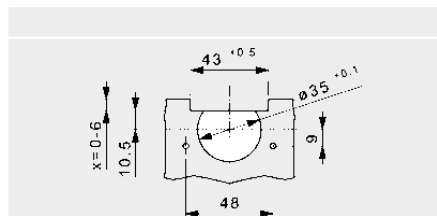
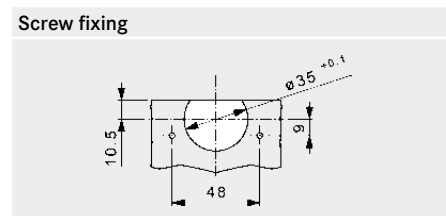
NOTES

Important: Reveals were calculated for doors with a radius of 1 mm!

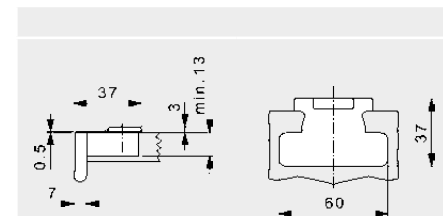
Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

DRILLING PATTERNS



CUP DIMENSIONS



NEXIS SLIDE-ON 80

180° single-joint hinge (for rebated doors)



- 180° opening angle
- With visible nickel-plated finial
- For door thicknesses from 14 to 21 mm
- With automatic hold-closed function
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Finials	Automatic hold-closed function	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Overlay		Zamak, nickel-plated	Zamak, nickel-plated	-	■	F016073099	
		Zamak, brass, burnished	Zamak, brass, burnished	-	■	F016073098	
		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	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

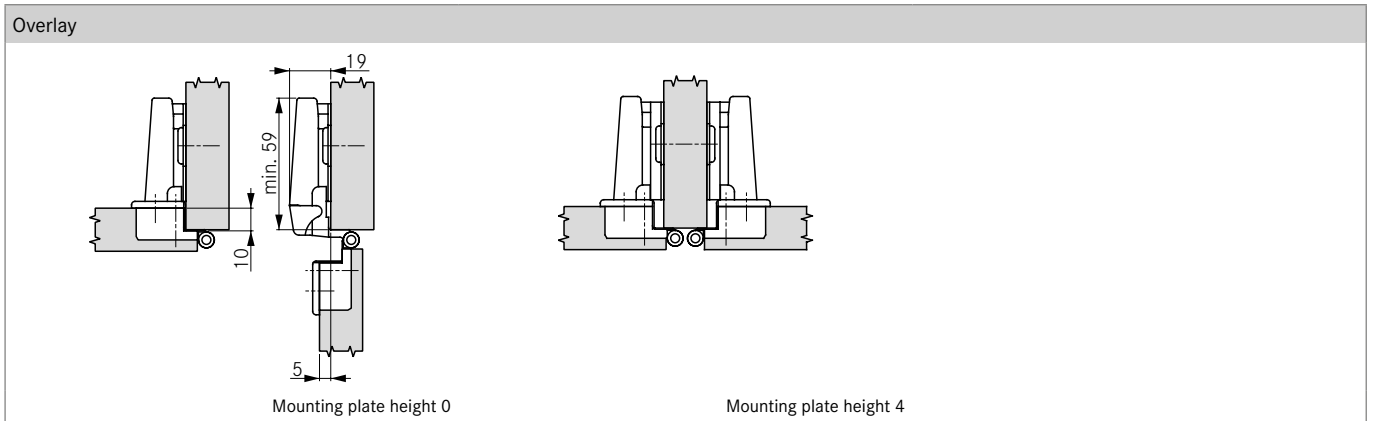
Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



NOTE

We recommend a trial fitting.

Tiomos

Nexis

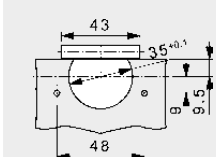
Special hinges

Single-joint hinges

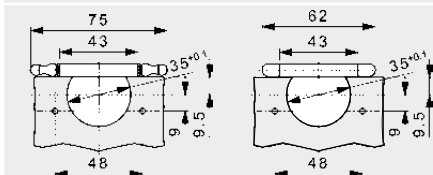
Cabinet making accessories

DRILLING PATTERNS

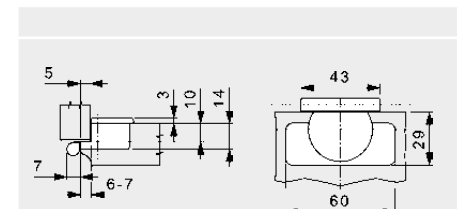
Screw fixing



With finials



CUP DIMENSIONS



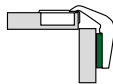
NEXIS SLIDE-ON PCC

Pie-cut corner hinge (for corner fitting)




- For connecting two corner cabinet doors
- For door thicknesses from 14 to 22 mm
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate


ORDER INFORMATION

		Material			with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
		Zamak, nickel-plated	Zamak, nickel-plated		■	F016073100	

COVER CAP

	Designation	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	On request	F069073570

ACCESSORIES

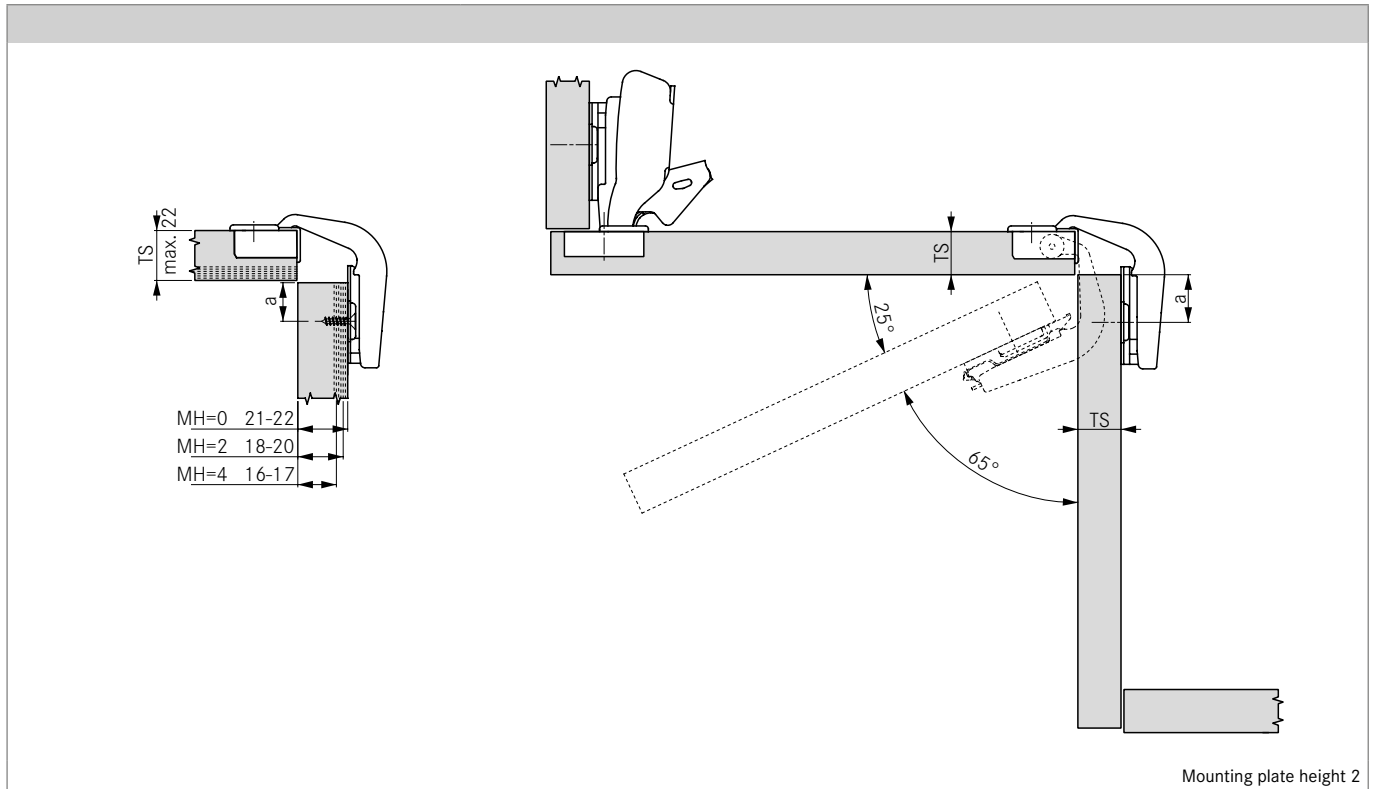
	Designation	Item No.		Designation	Item No.
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres



DISTANCE TABLE

	Mounting plate height			
	0	2	4	
16			25	
17			24	
18		22		
19		21		
20		20		
21	18			
22	17			
	Distance (a)			

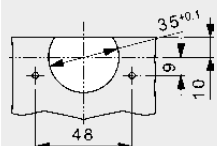
NOTES

Hinge dimensions and reveal calculation with factory setting.

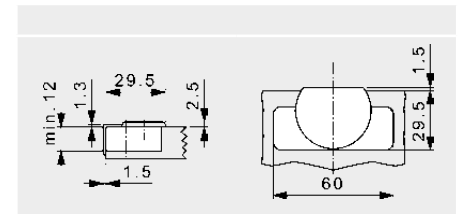
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing



CUP DIMENSIONS



NEXIS SLIDE-ON 17

95° hinge (Door thicknesses up to 19 mm)



- 95° opening angle
- Optimum reveals with door thicknesses up to 19 mm
- Suitable for small doors and doors with narrow frames
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Steel, nickel-plated	Steel, nickel-plated	0	■	F016073049	
Half overlay		Steel, nickel-plated	Zamak, nickel-plated	8	■	F016073051	
Inset		Steel, nickel-plated	Zamak, nickel-plated	15	■	F016073052	

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069073669

ACCESSORIES

	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	Countersunk wood screw Ø 3.5 x 15 mm	F146073976			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358

INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay		K0		Half overlay		K8		Inset		K15	
Mounting plate height 2		Mounting plate height 2		Mounting plate height 2		Mounting plate height 4					
Door overlay	0 Cup distance		3	4	5	6					
	19					0					
	18				0						
	17			0		2					
	16	0		2	3						
	15		2	3	4						
	14	2	3	4							
	13	3	4								
	12	4									
	Mounting plate height		Mounting plate height		Mounting plate height		Mounting plate height				

MINIMUM GAP

Door thickness	Cup distance				
	3	4	5	6	
16	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.2	
Minimum gap					

MINIMUM REVEAL

Door thickness	Cup distance				
	3	4	5	6	
16	1.0	1.0	1.0	1.0	
18	1.7	1.6	1.5	1.5	
19	2.7	2.5	2.2	2.2	
20	3.4	2.9	2.5	2.3	
22	5.2	4.6	4.1	3.7	
Minimum reveal (F)					

NOTES

The minimum gap is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.

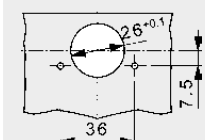
Important: The reveals were calculated for doors with a radius of 1 mm!

Hinge dimensions and reveal calculation with factory setting.

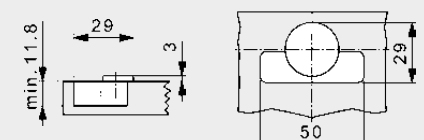
We recommend a trial fitting.

DRILLING PATTERNS

Screw fixing

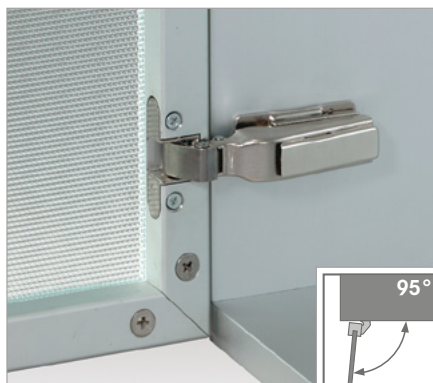


CUP DIMENSIONS



NEXIS SLIDE-ON 17 AL

95° aluminium frame hinge (Aluminium frame up to 20 mm)



- 95° opening angle
- Optimum reveals with aluminium frames up to 20 mm
- Hinge fits flush with the milled aluminium profile
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on	Screw fixing
Full overlay		Zamak, nickel-plated	Steel, nickel-plated	0	■	F016073053	
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	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069073669

ACCESSORIES

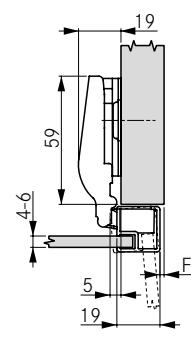
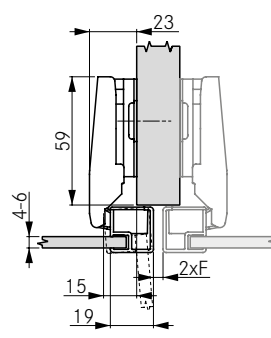
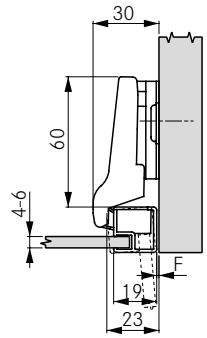
	Designation	Item No.		Designation	Item No.
	Soft-close Pin	F069066528			
	M 3 x 6 screw	F069073405			

Nexis Slide-on mounting plates	270
Accessories	274

Technical information	276
Assembly aids	358

INSTALLATION INFORMATION

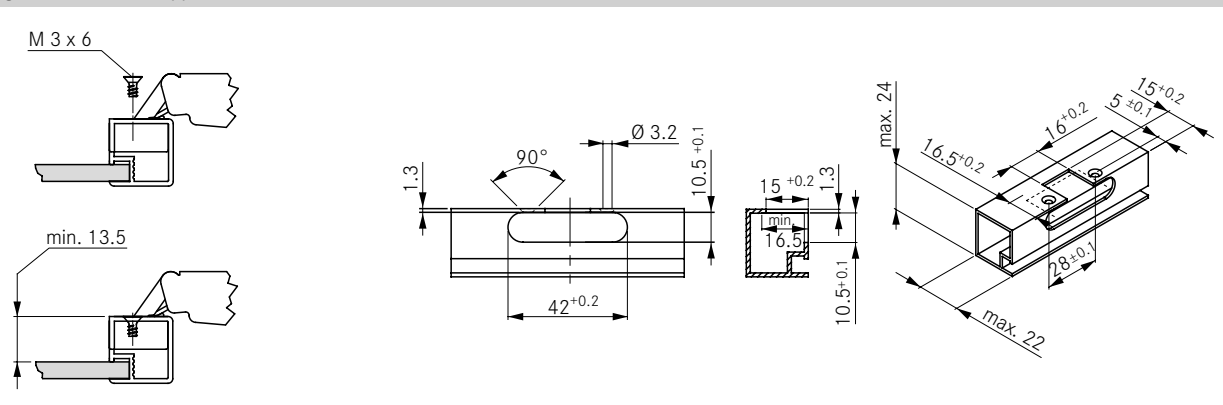
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
 <p>Mounting plate height 2</p>			 <p>Mounting plate height 4</p>			 <p>Mounting plate height 4</p>		
Door overlay	0		8			15		
	17	2	11	0		1	4	
	16	3	9	2				
	15	4	8	3				
			7	4				
Mounting plate height			Mounting plate height			Mounting plate height		

INSTALLATION DIMENSIONS

Hinge dimensions and reveal calculation with factory setting

Fixing screws are not supplied



NEXIS SLIDE-ON 17 GL

95° glass door hinge (glass thicknesses from 4 to 6 mm)



- Glass door hinge, 26 mm cup
- For glass thicknesses from 4 to 6 mm
- 95° opening angle
- With self-closing mechanism (spring)
- 3-dimensional adjustment with appropriate mounting plate

ORDER INFORMATION

Door overlay		Material		Cranking	with spring	Item No.	
		Cup	Arm			Slide-on Screw fixing	
Full overlay		Plastic, black	Steel, nickel-plated	0	■	F016073056	
Half overlay		Plastic, black	Zamak, nickel-plated	8	■	F016073057	
Inset		Plastic, black	Zamak, nickel-plated	15	■	F016073058	

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0/8	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	15	On request	F069073669

DECORATIVE COVER CAPS

	Designation	Item No.
	Nickel velour	F069073420
	Nickel polished, eroded	F069073421
	Brass polished, eroded	F069073422
	Silver RAL 9006	F069073410
	Black	F069073424

	Designation	Item No.
	Nickel velour	F069073425
	Nickel polished, eroded	F069073414
	Brass polished, eroded	F069073427
	Silver RAL 9006	F069073417
	Black	F069073428
	Chrome finish	F069073419

ACCESSORIES

	Designation	Item No.
	Soft-close Pin	F069066528

	Designation	Item No.

Nexis Slide-on mounting plates	270
Accessories	274

Soft-close Pin	290
Technical information	276

Assembly aids	358

INSTALLATION INFORMATION

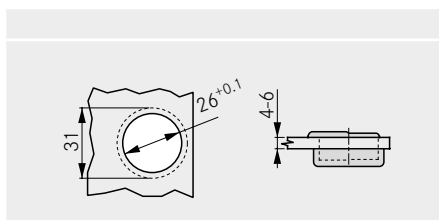
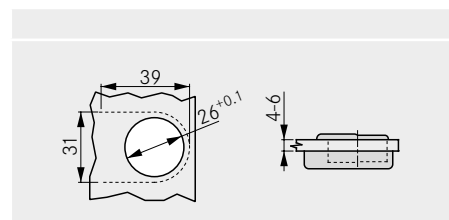
All dimensions in millimetres

Full overlay		K0	Half overlay		K8	Inset		K15
Mounting plate height 2		Mounting plate height 2		Mounting plate height 4				
Door overlay	0 Cup distance							
		4	5	6				
	17	0		2				
	16		2	3				
	15	2	3	4				
	14	3	4					
	13	4						
Mounting plate height								
Door overlay	8 Cup distance							
		4	5	6				
	11			0				
	10			0				
	9	0		2				
	8		2	3				
	7	2	3	4				
	6	3	4					
	5	4						
Mounting plate height								
Door reveal	15 Cup distance							
		4	5	6				
	0	2	3	4				
	1	3	4					
	2	4						
Mounting plate height								

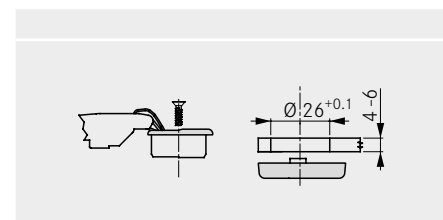
NOTE

Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS



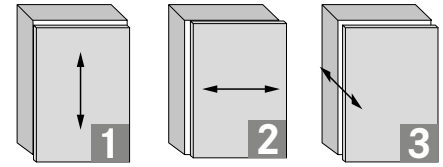
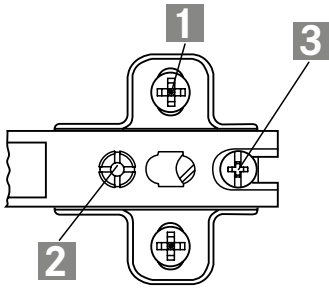
CUP DIMENSIONS



Tiomos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

NEXIS SLIDE-ON

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

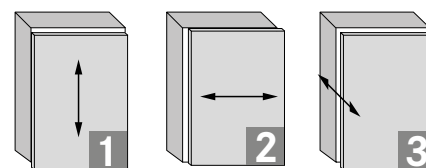
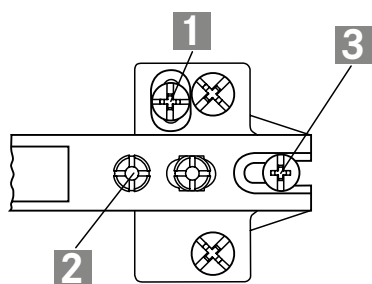
ORDER INFORMATION

CROSS MOUNTING PLATE, 2-POINT FIXING

For screw fixing		37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm 			0	F062073298
			2	F062073299
			4	F062073300
<ul style="list-style-type: none"> Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm 			8	F063073351

CROSS MOUNTING PLATE, 2-POINT FIXING

With pre-assembled Euro screws		37/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm 			0	F062073316
			2	F062073317
			4	F062073318
<ul style="list-style-type: none"> Zamak, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 37 mm Hole spacing 32 mm 			8	F063073366



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

ORDER INFORMATION

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm 		0	F062073301
		2	F062073302
		4	F062073303
		8	F062073304

2-PART CROSS MOUNTING PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 32 mm 		0	F062073307
		2	F062073308
		4	F062073309
		8	F062073310
		18	F062073311

2-PART COMPACT PLATE, 3-POINT FIXING

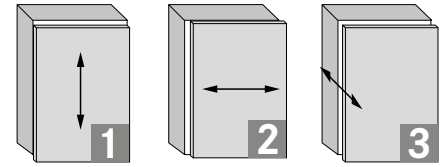
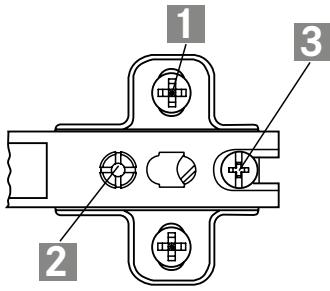
For screw fixing	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with wood screws Fixing distance 37 mm Hole spacing 32 mm 		0	F063073340
		2	F063073342
		4	F063073344

2-PART COMPACT PLATE, 3-POINT FIXING

For Euro screws	37/32	Height	Item No.
<ul style="list-style-type: none"> Steel/Zamak, nickel-plated Fixing with Euro screws Fixing distance 37 mm Hole spacing 32 mm 		0	F063073360
		2	F063073361
		4	F063073362

NEXIS SLIDE-ON

Mounting plates



Height adjustment
+/-2 mm

Side adjustment
+1/-3 mm

Depth adjustment
+3/-1 mm

All adjustments can be carried out independently of each other.

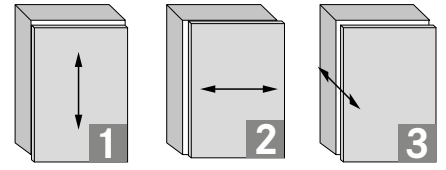
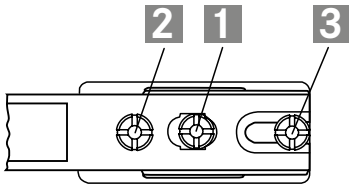
ORDER INFORMATION

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

For screw fixing	28/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with wood screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment via slot 		0	F062073296
		4	F062073297

1-PART CROSS MOUNTING PLATE, 2-POINT FIXING, FIXING DISTANCE 28 MM

With pre-assembled Euro screws	28/32	Height	Item No.
<ul style="list-style-type: none"> Steel, nickel-plated Fixing with pre-assembled Euro screws Fixing distance 28 mm Hole spacing 32 mm Height adjustment via slot 		0	F062073313
		2	F062073314
		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	Item No.	
<ul style="list-style-type: none"> • Steel/Zamak, nickel-plated • Fixing with wood screws • Height adjustment 			0	F063073336
			2	F063073337
			4	F063073338

Tiomos

Nexis

Special hinges






Single-joint hinges

Cabinet making accessories



NEXIS SLIDE-ON

Accessories


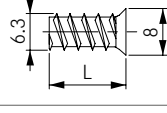

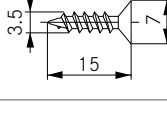

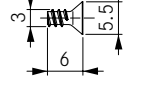
COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, long, nickel-plated, not imprinted	0	On request	F069073548
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669
	Hinge arm cover cap, plastic, black, Soft-close compatible	-	-	F069073534
	Slide-on hinge cup cover cap, steel, nickel-plated, not imprinted	-	-	F069073687

OPENING ANGLE REDUCTION CLIPS

	Designation			Item No.
	85° opening angle reduction clip for 110° standard door hinge. Prevents the door from colliding with kitchen unit fronts or walls (when fitted at corners). Plastic, black			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			Item No.
	Euro screw, nickel-plated, Ø 6.3 mm	L = 10.5		F146073979
		L = 13.5		F069135297
	Countersunk wood screw, nickel-plated, Ø 3.5 mm	L = 15		F146073976
	Steel housing fixing screw for aluminium frame hinge, nickel-plated. M 3 x 6 screw	L = 6		F069073405

NEXIS SLIDE-ON

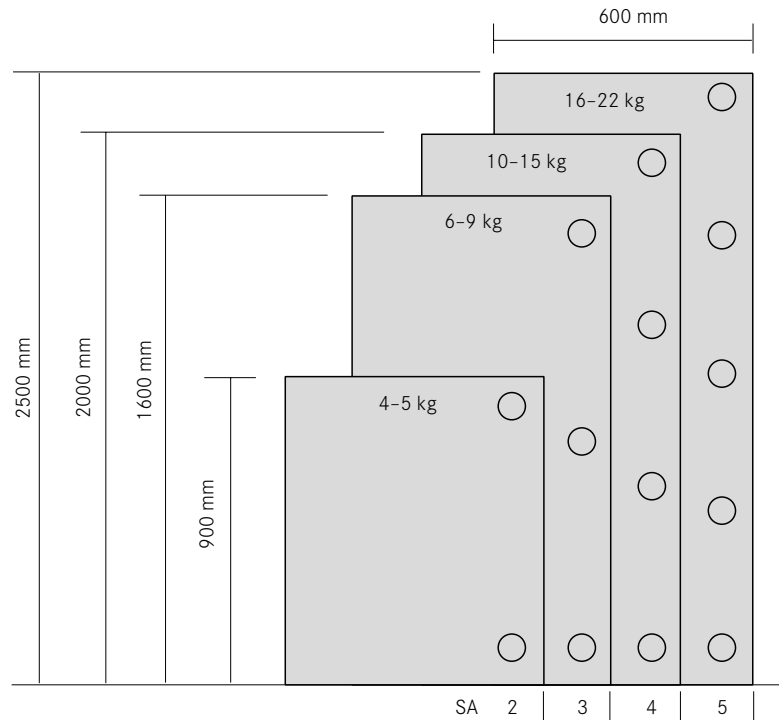
Technical information

NUMBER OF HINGES PER DOOR

Description

This is determined by the door height, door weight, quality of the material and the fixing of the cup and mounting plate. The load and height data refer to 600 mm standard door widths.

Hinges with Ø 26 mm housings have been tested with a door width of 450 mm. In case of doubt, the number of hinges should be determined with a trial fitting.



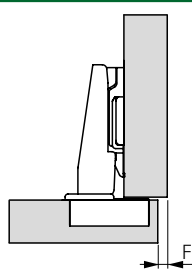
DOOR REVEAL AND MINIMUM REVEAL

Description

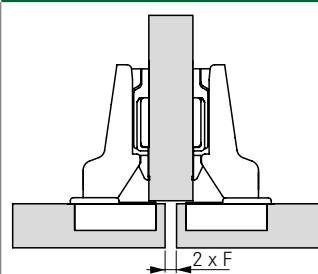
The reveal is the distance between two doors or between the door and the cabinet side wall.

The minimum reveal (F) is the clearance required between two doors or between door and side wall so that the door can open without hindrance.

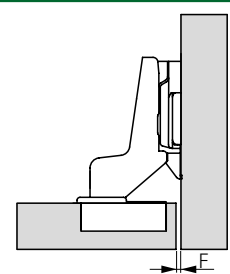
Full overlay door



Half overlay door



Inset door



Minimum reveal table

The width of reveal required depends on the thickness of the door.

Example:

For a **18 mm** thick door and a **cup distance of 6 mm** the reveal required is **0.2 mm**.

Important

Reveals were calculated for doors with a radius of 1 mm! Hinge dimensions and reveal calculation with factory setting.

We recommend a trial fitting.

	Cup distance						
	3	4	5	6			
16	0.1	0.1	0.1	0.1			
18	0.2	0.2	0.2	0.2			
19	0.3	0.3	0.3	0.3			
20	0.4	0.4	0.4	0.4			
22	0.7	0.7	0.7	0.7			
24	1.0	1.0	1.0	1.0			
26	1.4	1.4	1.4	1.4			
28	1.9	1.9	1.9	1.9			
30	3.8	2.9	2.6	2.5			
Door thickness				Minimum reveal (F)			

Achievable reveal with inset door

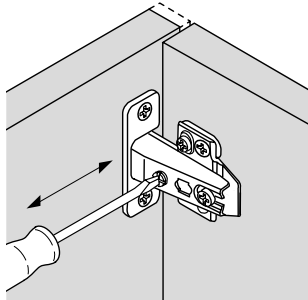
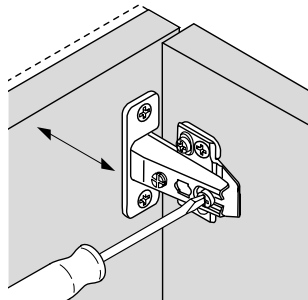
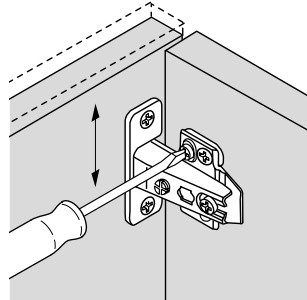
The table shows the achievable reveal width for inset doors, depending on the cup distance and mounting plate height.

Example:

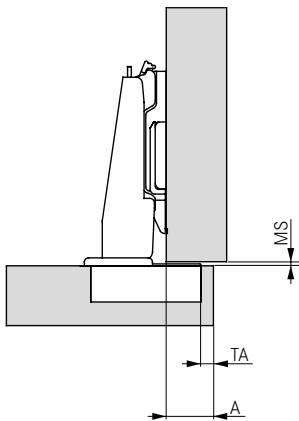
For a **cup distance of 4 mm** and a **mounting plate height of 4 mm** the reveal is **2 mm**.

	Cup distance						
	3	4	5	6			
0		2		4			
1	2		4				
2		4					
3							
4							
5							
6							
7							
8							
9							
10							
Door reveal				Mounting plate height			

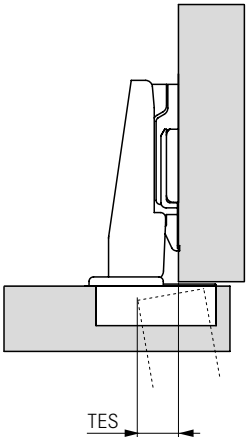
ADJUSTMENTS

Description	Side adjustment +1/-3 mm	Depth adjustment +3/-1 mm	Height adjustment +/- 2mm
The height adjustment option depends on the type of mounting plate. All adjustments can be carried out independently of each other.			

MINIMUM GAP – CUP DISTANCE

Description	Example:	Cup distance																																																																						
		3	4	5	6																																																																			
<p>The minimum gap (MS) is the clearance required between the front edge of the cabinet and the closed door so that the door can open without hindrance.</p> <p>The cup distance (TA) is the distance between the edge of the door and the edge of the cup hole.</p>		<p>For a door thickness of 26 mm and a cup distance of 6 mm, the minimum gap is 0.7 mm.</p>																																																																						
		<table border="1"> <thead> <tr> <th rowspan="10">Door thickness</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th></th> </tr> </thead> <tbody> <tr><td>16</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.5</td><td></td></tr> <tr><td>18</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.5</td><td></td></tr> <tr><td>19</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.5</td><td></td></tr> <tr><td>20</td><td>0.0</td><td>0.0</td><td>0.0</td><td>0.5</td><td></td></tr> <tr><td>22</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.5</td><td></td></tr> <tr><td>24</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.5</td><td></td></tr> <tr><td>26</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.7</td><td></td></tr> <tr><td>28</td><td>0.5</td><td>0.5</td><td>0.5</td><td>0.9</td><td></td></tr> <tr><td>30</td><td>0.5</td><td>0.5</td><td>1.1</td><td>1.1</td><td></td></tr> <tr> <td></td> <td colspan="5">Minimum gap</td> </tr> </tbody> </table>	Door thickness	Cup distance					3	4	5	6		16	0.5	0.5	0.5	0.5		18	0.5	0.5	0.5	0.5		19	0.5	0.5	0.5	0.5		20	0.0	0.0	0.0	0.5		22	0.5	0.5	0.5	0.5		24	0.5	0.5	0.5	0.5		26	0.5	0.5	0.5	0.7		28	0.5	0.5	0.5	0.9		30	0.5	0.5	1.1	1.1			Minimum gap			
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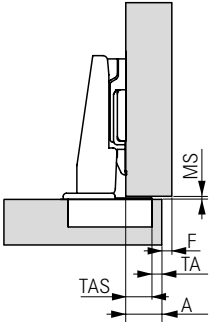
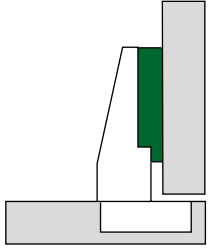
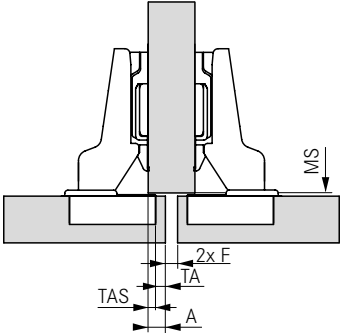
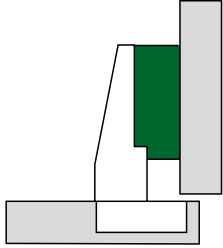
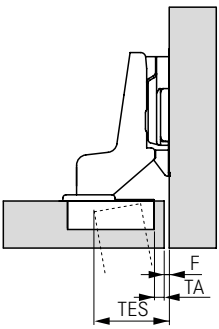
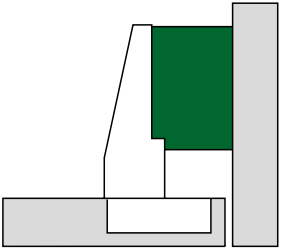
DOOR PROTRUSION / DOOR OVERLAY

Door protrusion	Door overlay																																																																							
<p>Door protrusion (TES) occurs when the door is opened and varies depending on the type of hinge and method of application.</p> <p>It is shown on each catalogue page and refers to the factory setting with the respective mounting plate shown. It can be altered by using a different mounting plate height and by changing the side adjustment.</p>	<p>The door overlay (A) is that part of the side wall or frame which is covered by the door.</p> <p>Example: With a hinge with cranking size 8, a mounting plate height of 0 and a cup distance of 5 mm, the door overlay is 10 mm.</p>																																																																							
	<table border="1"> <thead> <tr> <th rowspan="2">Door overlay</th> <th colspan="5">Cup distance</th> </tr> <tr> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th></th> </tr> </thead> <tbody> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td>0</td><td></td></tr> <tr><td>10</td><td></td><td></td><td>0</td><td></td><td></td></tr> <tr><td>9</td><td></td><td>0</td><td></td><td>2</td><td></td></tr> <tr><td>8</td><td>0</td><td></td><td>2</td><td>3</td><td></td></tr> <tr><td>7</td><td></td><td>2</td><td>3</td><td>4</td><td></td></tr> <tr><td>6</td><td>2</td><td>3</td><td>4</td><td></td><td></td></tr> <tr><td>5</td><td>3</td><td>4</td><td></td><td></td><td></td></tr> <tr><td>4</td><td>4</td><td></td><td></td><td></td><td></td></tr> <tr> <td></td> <td colspan="5">Mounting plate height</td> </tr> </tbody> </table>	Door overlay	Cup distance					3	4	5	6		8						11				0		10			0			9		0		2		8	0		2	3		7		2	3	4		6	2	3	4			5	3	4				4	4						Mounting plate height				
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4	4																																																																							
	Mounting plate height																																																																							

NEXIS SLIDE-ON

Technical information

OPTIONS FOR CHANGING THE DOOR OVERLAY

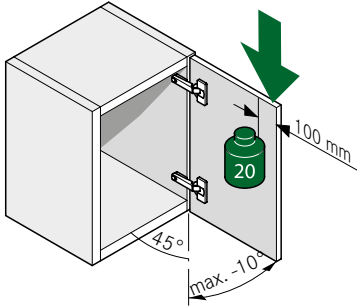
By selecting the cranking	By using a mounting plate with a different height
<p>Full overlay (cranking 0)</p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Full overlay</p> <p>Hinge with 0 cranking and mounting plate height 0</p> 
<p>Half overlay (cranking 8)</p> <p>The door overlay (A) is the cup overlay (TAS/factory setting) plus the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Half overlay</p> <p>Hinge with 0 cranking and mounting plate height 8</p> 
<p>Inset (cranking 15)</p> <p>There is no door overlay.</p> <p>The reveal (F) between the cabinet side wall and the door depends on the mounting plate height (MH) and the cup distance (TA).</p> <p>The dimensions are shown in a table on the respective catalogue page.</p> 	<p>Inset</p> <p>Hinge with 0 cranking and mounting plate height 18</p> 

TEST CRITERIA FOR HINGES

Functional test

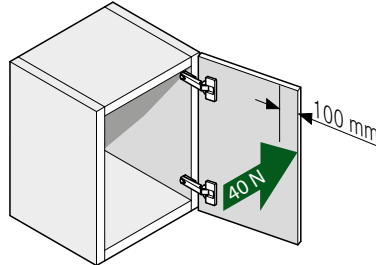
Static load – vertical

Additional load: 20 kg
Opening angle: max. -10°
Number: 10



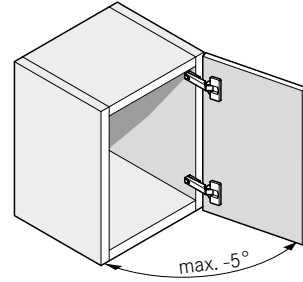
Static load – horizontal

Force: 40 N
Number: 10



Endurance test

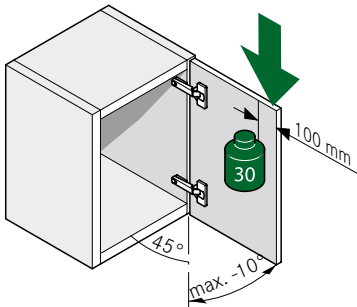
Opening angle: max. -5°
Open and close movements: 100,000



Overload testing

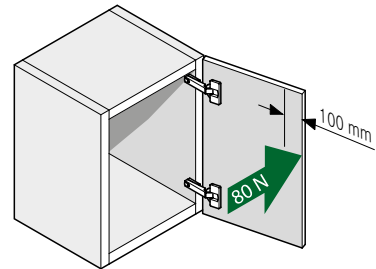
Vertical

Additional load: 30 kg
Opening angle: max. -10°
Number: 10



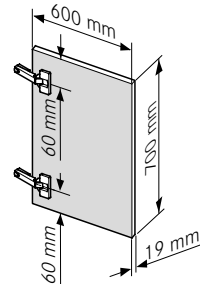
Horizontal

Force: 80 N
Number: 10



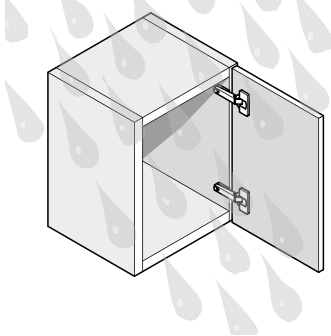
Test door

Weight approx. 5.2 kg



Salt spray and humidity test

Based on DIN ISO 9227 and DIN 6270-2



Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories



NEXIS SOFT-CLOSE

This unique hinge damping system gently slows down the movement and closes the furniture door softly and quietly. Convenient, quiet and can be retrofitted.

QUALITY CERTIFICATE
LGAD



**Comfort is a question of technology:
Soft-close – the unique damping system
for furniture doors sets the standard.**

Soft-close can be inserted securely and without tools into the hinges of the various hinge series, either straight away or at a later date. Quick, reliable and completely tool-free. The movement is gently slowed down and the furniture door closes softly and quietly – a perfect balance of form and function. The number of Soft-close dampers per door depends on its size and weight.

SOFT-CLOSE FOR NEXIS

Damping system suitable for retrofitting to all Nexis hinge systems.

Product designation	Application	Page
Soft-close Impresso	Nexis Impresso hinges (95°, 100°, 110° and 125°)	282
Soft-close Click-on	Nexis Click-on and Slide-on hinges (95°, 100°, 110° and 125°)	284
170° Soft-close	Nexis wide-angle hinges 170°	286
Soft-close Mirro	Nexis Click-on Mirro hinges	288
Soft-close Pin	Pneumatic damper for doors	290
Assembly aids		358

Tiomos

Nexis

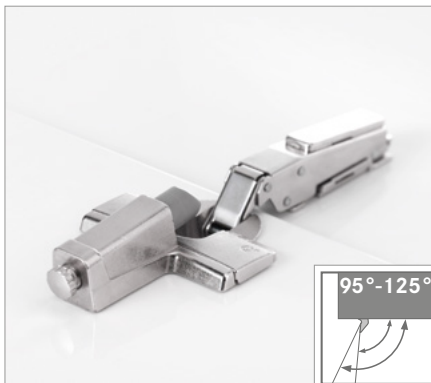
Special hinges

Single-joint hinges

Cabinet making accessories

SOFT-CLOSE IMPRESSO

For Nexis Impresso 95°, 100°, 110° and 125° hinges



- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted
- Damping system to be used with hinges from the Nexis Impresso series

ORDER INFORMATION

Soft-close Impresso set	Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 1 Soft-close adapter for Nexis Impresso hinges • 1 Soft-close damper • 2 cover caps 	<p>F069073728</p>
Soft-close Impresso adapter	Item No.
<ul style="list-style-type: none"> • Soft-close Impresso adapter for Nexis Impresso hinges 	<p>F069073726</p>
Soft-close damper	Item No.
<ul style="list-style-type: none"> • Soft-close damper for Soft-close Impresso adapter 	<p>F069073701</p>

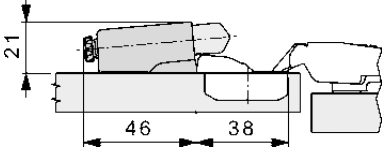
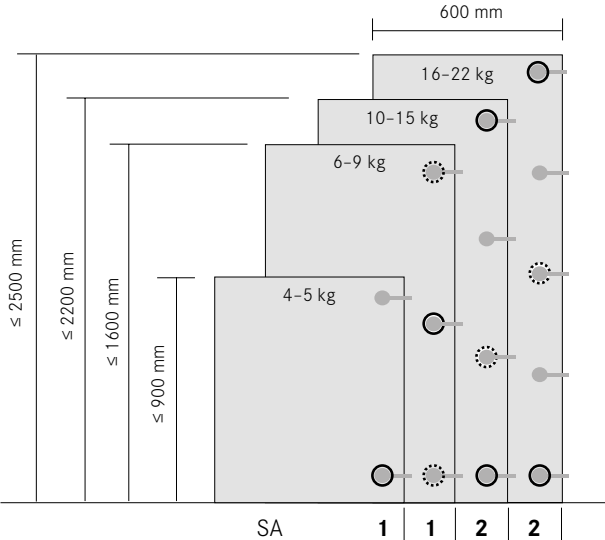
COVER CAPS







	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669

Nexis Impresso	125

INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Soft-close Impresso
	 <p>○ Recommended position for Soft-close Impresso ⊙ Position for additional Soft-close Impresso (if required)</p>

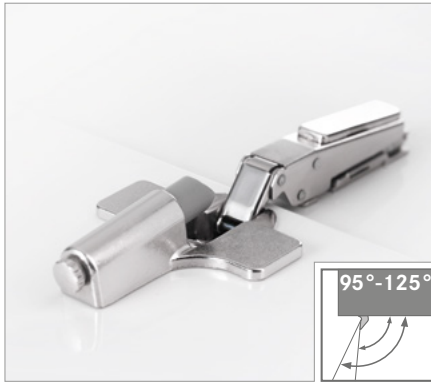
Installation	Soft-close Impresso - quick and easy to fit
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>1</p>  </div> <div style="width: 50%;"> <p>2</p>  </div> <div style="width: 50%;"> <p>3</p>  </div> <div style="width: 50%;"> <p>4</p>  </div> <div style="width: 50%;"> <p>5</p>  </div> <div style="width: 50%;"> <p>6</p>  </div> </div>	<ol style="list-style-type: none"> Remove door from cabinet and open hinge cup cover. Place Soft-close Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly. Close hinge cup cover and press down fully. Adapter must make full contact with the door. Fully insert damper into the adapter opening, with the flat side facing downwards. Re-hang the door and, if required, adjust the damping level via the adjustment screw. If not already in place, fit the short hinge arm cover cap (supplied with the set). <p>NOTES</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

SA Number of hinges		
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SOFT-CLOSE CLICK-ON

For Nexis Click-on and Slide-on 95°, 100°, 110° and 125° hinges



- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted
- Damping system to be used with hinges from the Nexis Click-on and Nexis Slide-on series

ORDER INFORMATION

Soft-close Click-on set		Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 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 		F069073714
Soft-close adapter		Item No.
<ul style="list-style-type: none"> • Soft-close adapter incl. pre-assembled Soft-close damper for Nexis Click-on and Nexis Slide-on hinges 		F069073715

COVER CAPS

	Designation	Cranking	Imprinted/Embossed	Item No.
	Hinge arm cover cap, steel, short, nickel-plated, not imprinted, Soft-close compatible	0	On request	F069073570
	Hinge arm cover cap, steel, open, nickel-plated, not imprinted, Soft-close compatible	8/15	On request	F069073669

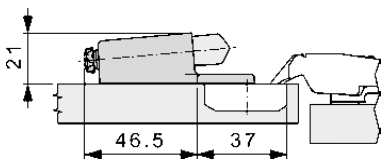
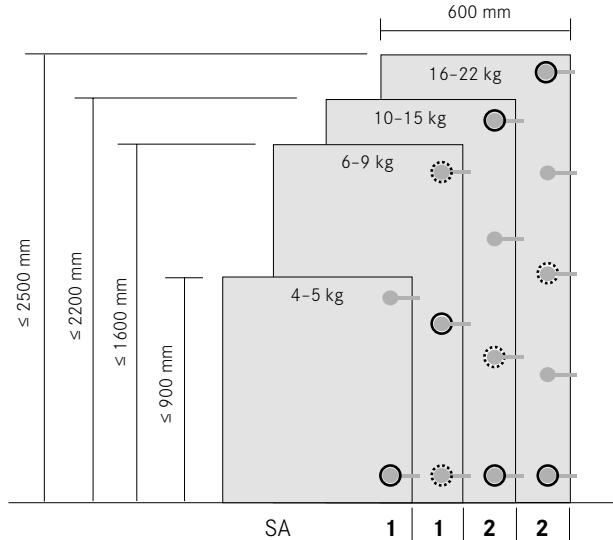
ACCESSORIES


	Designation	Item No.		Designation	Item No.
	Hinge cup cover cap, steel, nickel-plated, not imprinted	F069073687			

Nexis Click-on	167

INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Soft-close Click-on
	 <p>○ Recommended position for Soft-close Click-on ⊘ Position for additional Soft-close Click-on (if required)</p>

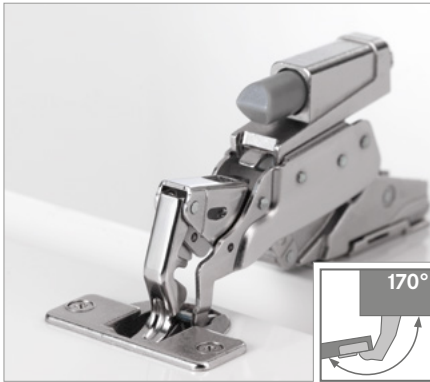
Installation	Soft-close Click-on - quick and easy to fit
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%; text-align: center;">1</div> <div style="width: 33%; text-align: center;">2</div> <div style="width: 33%; text-align: center;">3</div> <div style="width: 33%; text-align: center;">4</div> <div style="width: 33%; text-align: center;">5</div> <div style="width: 33%; text-align: center;">6</div> </div> 	<ol style="list-style-type: none"> Hinges with 0 cranking: remove hinge arm cover cap (if fitted). Insert Soft-close Click-on adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge cup. Press down both sides of the adapter simultaneously, until it engages with an audible click. If required, fit short hinge arm cover cap (supplied with the set). If required, the adjustment screw can be used to finely adjust the Soft-close Click-on to different opening angles and cranking. The cover cap (supplied with the set) for hinges without Soft-close Click-on or Slide-on is used to ensure a uniform appearance. <p>NOTES</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

SA	Number of hinges	
----	------------------	--

170° SOFT-CLOSE

For Nexis wide-angle hinges 170°



- For Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinges
- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet or door
- Damping levels can be individually adjusted

ORDER INFORMATION

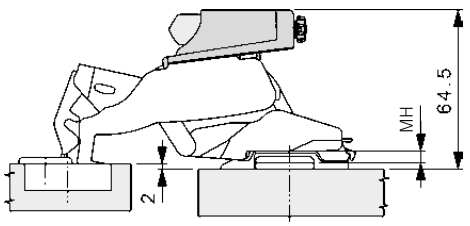
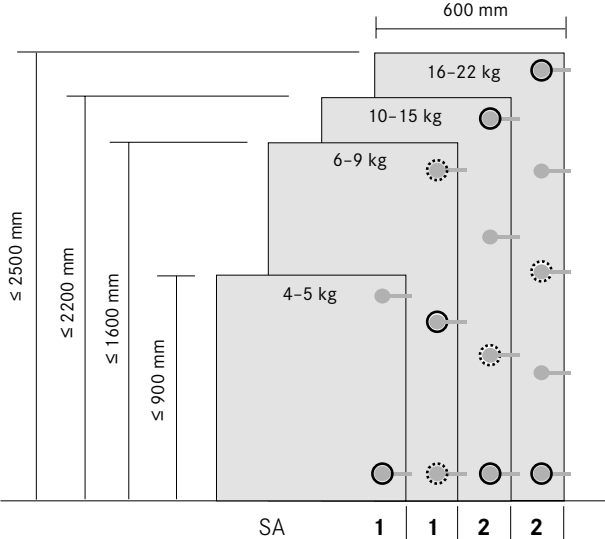
170° Soft-close		Item No.
<ul style="list-style-type: none"> • Soft-close adapter for Nexis Impresso, Nexis Click-on and Nexis Slide-on 170° wide-angle hinge with pre-assembled Soft-close damper 		<p>F069073729</p>



Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231

INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for 170° Soft-close
 <p>Drawing with mounting plate height 2</p>	 <p>○ Recommended position for Soft-close 170° ⊙ Position for additional Soft-close 170° (if required)</p>

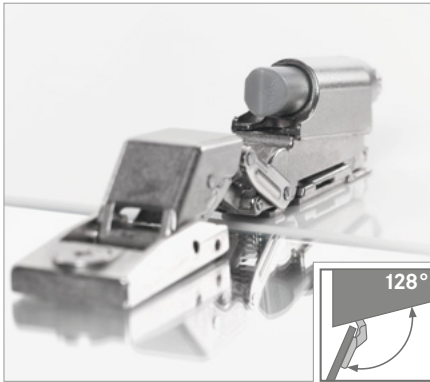
Installation	170° Soft-close - quick and easy to fit
<p>1</p>  <p>2</p> 	<ol style="list-style-type: none"> 1 Insert 170° Soft-close adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge arm. 2 Press down adapter until it engages with an audible click. <p>NOTES</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

MH	Mounting plate height
SA	Number of hinges

SOFT-CLOSE MIRRO

For Nexis Click-on Mirro hinges



- For Nexis Click-on Mirro and Mirro -15° hinges
- Tool-free installation – can also be retrofitted
- No additional drilling of the cabinet
- Damping levels can be individually adjusted

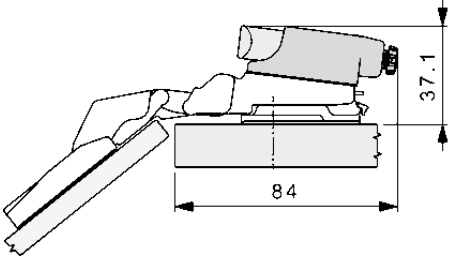
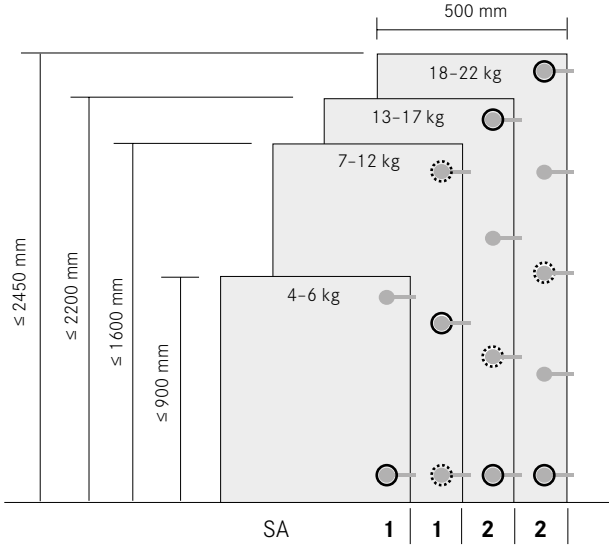
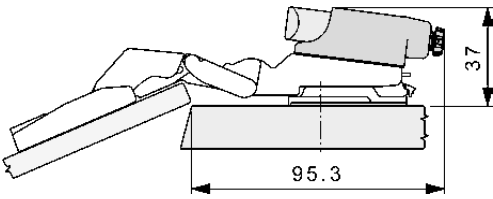
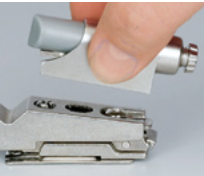

ORDER INFORMATION

Soft-close Mirro	Item No.
<ul style="list-style-type: none"> • Soft-close adapter with pre-assembled Soft-close damper for Nexis Click-on Mirro and Mirro -15° hinges 	<p>F069073711</p>

Nexis Slide-on	231		
Nexis Click-on Mirro 07/-15	214		

INSTALLATION INFORMATION

All dimensions in millimetres

Mirro dimensions	Position for Soft-close Mirro
 <p>Drawing with mounting plate height 2</p>	 <p>○ Recommended position for Soft-close Mirro ⊙ Position for additional Soft-close Mirro (if required)</p>
Mirro -15° dimensions	
 <p>Drawing with mounting plate height 2</p>	
Installation	Soft-close Mirro - quick and easy to fit
<p>1</p>  <p>2</p> 	<p>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.</p> <p>NOTES</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability.</p> <p>If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>We thank you for your understanding.</p>

LEGEND

SA	Number of hinges	

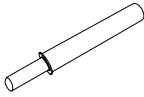
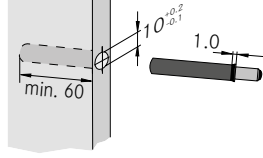
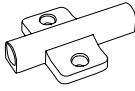
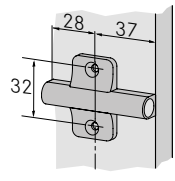
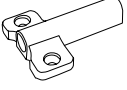
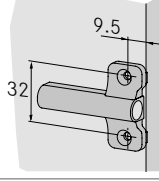
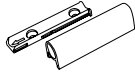
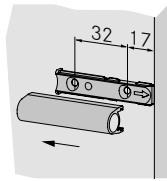
SOFT-CLOSE PIN

Pneumatic damper for doors



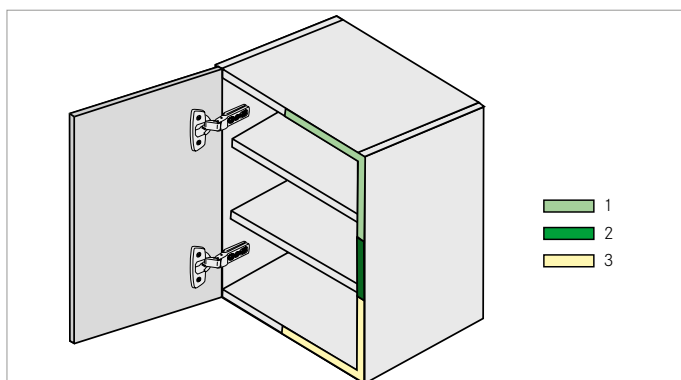
- Suitable for all door sizes, shapes and materials
- Can also be retrofitted
- For insertion into a drill hole or for fitting with adapter plate

ORDER INFORMATION

Soft-close Pin	For drilling	Item No.
<ul style="list-style-type: none"> • Hole drilled into cabinet front edge • For perfect appearance • Housing: plastic, anthracite • Piston: light grey 		F069066528
Adapter plate for line hole drilling	For Euro screws	Item No.
<ul style="list-style-type: none"> • Suitable for hole spacing 28 mm and 37 mm • Fixing with Euro screws (6.3 x 13.5) • Plastic, light grey 		F069063310
Frame adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (3.5 x 13) • Plastic, light grey 		F069073697
Linear adapter plate	For screw fixing	Item No.
<ul style="list-style-type: none"> • Design solution – also in conjunction with inset doors • Fixing with wood screws (3.5 x 13) • Plastic, light grey 		F069073696

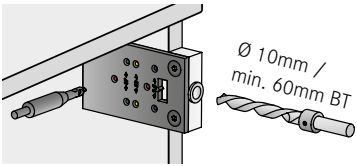
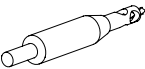

Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231
Special hinges	307



- Possible damper positions when fitting to a standard door:
 - 1 good position
 - 2 optimum position
 - 3 possible position
- For larger doors we recommend the installation of an additional damper.

ORDER INFORMATION

Drilling jig for adapter plates and drill-in damper	Item No.
<ul style="list-style-type: none"> • The GRASS drilling jig for Soft-close can be used for drilling all adapter plate versions and the drill-in damper • Note: Drill bits are not supplied! 	 <p>F146095470</p>
Pilot drill bit	Item No.
<ul style="list-style-type: none"> • Ø 3.5 mm 	 <p>F146035692</p>
Pilot drill bit with stop ring	Item No.
<ul style="list-style-type: none"> • Ø 10 mm 	 <p>F146038823</p>

LEGEND

BT Drilling depth		
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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	294
Tipmatic Plus Click-on	Nexis Click-on hinges without self-closing mechanism	296
170° Tipmatic Plus	170° wide-angle hinges without self-closing mechanism	298
Tipmatic Plus Mirro	Nexis Click-on Mirro and Mirro -15° hinges without self-closing mechanism	300
Tipmatic Pin	Handle-free wood/aluminium frame doors and glass/mirror doors	302
Assembly aids		304

Tiomos

Nexis

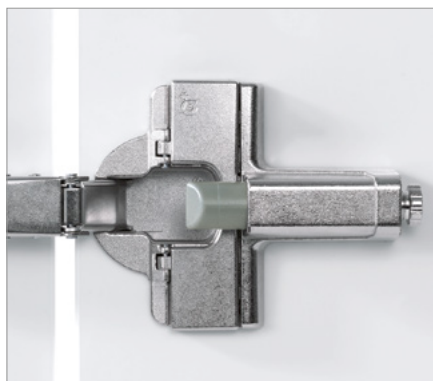
Special hinges

Single-joint hinges

Cabinet making accessories

TIPMATIC PLUS IMPRESSO

For Nexis Impresso hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- Compatible with hinges from the Nexis Impresso series without self-closing mechanism
- Can also be retrofitted thanks to easy installation

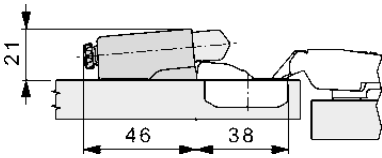
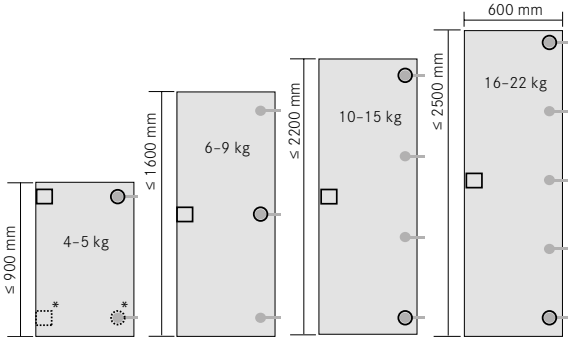
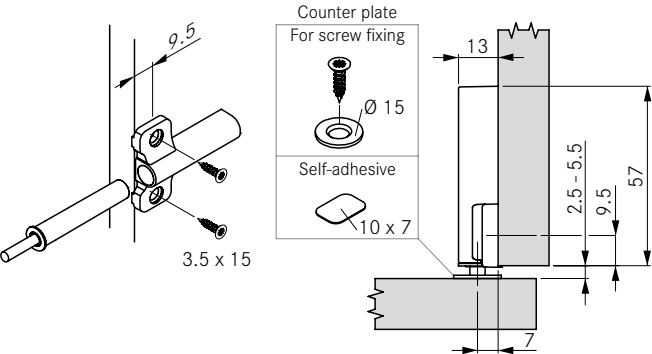
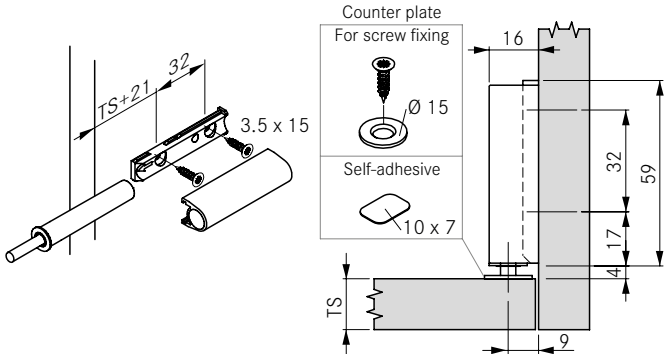




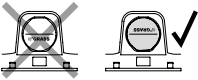

ORDER INFORMATION

<p>Tipmatic Plus Impresso set</p> <p>1 set includes:</p> <ul style="list-style-type: none"> • 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 	<p>Item No.</p> <p>F069135014</p>
<p>Tipmatic Plus Impresso adapter</p> <ul style="list-style-type: none"> • Tipmatic Plus Impresso adapter for Nexis Impresso hinges 	<p>Item No.</p> <p>F069135013</p>
<p>Tipmatic Plus ejector</p> <ul style="list-style-type: none"> • Tipmatic Plus ejector for Tipmatic Plus Impresso adapter 	<p>Item No.</p> <p>F069135060</p>
<p>Linear adapter plate for magnetic pin</p> <ul style="list-style-type: none"> • Design solution, also in conjunction with inset doors • Fixing with wood screws (Ø 3.5 x 13 mm) 	<p>Item No.</p> <p>F069073696</p>
<p>Frame adapter plate for magnetic pin</p> <ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (Ø 3.5 x 13 mm) 	<p>Item No.</p> <p>F069073697</p>
<p>Magnetic pin and counter plates</p> <p>1 set includes:</p> <ul style="list-style-type: none"> • 1 magnetic pin • 1 counter plate, self-adhesive • 1 counter plate for screw fixing, inc. screw 	<p>Item No.</p> <p>F069135396</p>

Nexis Impresso 125

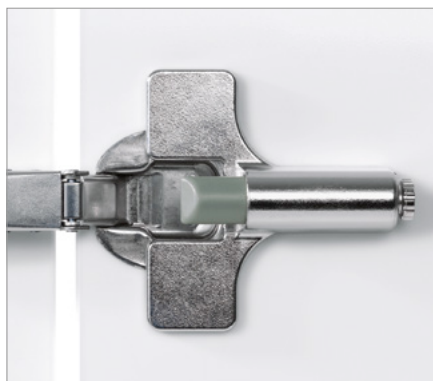
INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Tipmatic Plus Impresso
	 <p>○ Recommended position for Tipmatic Plus Impresso. □ Position for counter plate (at level of the magnetic pin). One magnet pin per door. ⊙* Recommended position for Tipmatic Plus Impresso for applications in wall cabinets. ⊙* Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door.</p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	Tipmatic Plus Impresso - quick and easy to fit
<p>1 </p> <p>2 </p> <p>3 </p> <p>4  </p> <p>5 </p>	<p>1 Remove door from the cabinet, take off hinge arm cover cap (if fitted) and open the hinge cup cover.</p> <p>2 Place Tipmatic Plus Impresso adapter level onto both matching parts in the hinge cup, ensure proper fit and press down firmly.</p> <p>3 Close hinge cup cover and press down fully. Adapter must make full contact with the door.</p> <p>4 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards.</p> <p>5 Clip the door back on to the mounting plates, adjust the front gap, replace hinge arm cover cap (if available).</p> <p>NOTES</p> <p>Tipmatic Plus Impresso is only suitable for hinges without self-closing mechanism.</p> <p>For framed doors we recommend Tipmatic Plus Click-on.</p> <p>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system. When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly. We thank you for understanding.</p>

TIPMATIC PLUS CLICK-ON

For Nexis Click-on hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- Compatible with hinges from the Nexis Click-on series without self-closing mechanism
- Can also be retrofitted thanks to easy installation

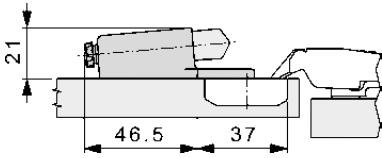
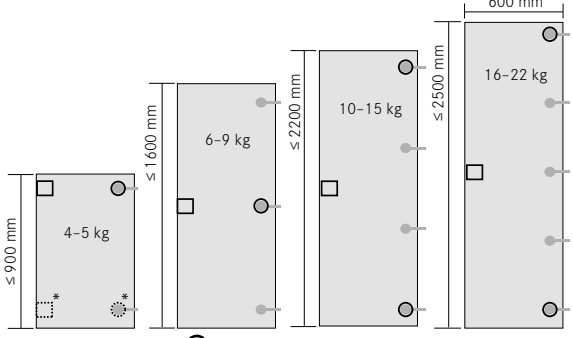
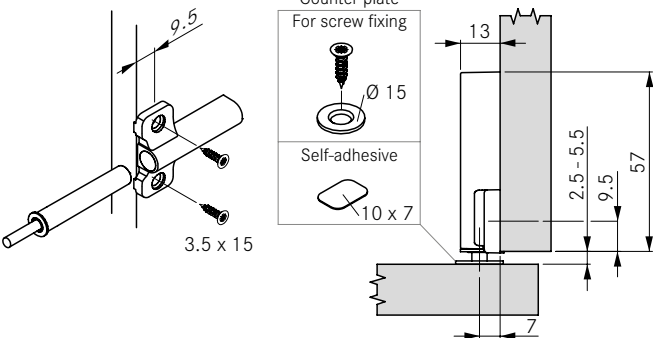
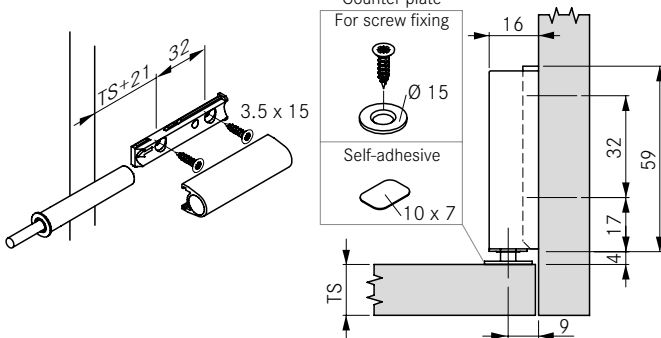







ORDER INFORMATION

Tipmatic Plus Click-on set		Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 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 		F069073752
Tipmatic Plus Click-on adapter		Item No.
<ul style="list-style-type: none"> • Tipmatic Plus Click-on adapter for Nexis Click-on hinges 		F069073751
Tipmatic Plus ejector		Item No.
<ul style="list-style-type: none"> • Tipmatic Plus ejector for Tipmatic Plus Click-on adapter 		F069135060
Linear adapter plate for magnetic pin		Item No.
<ul style="list-style-type: none"> • 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		Item No.
<ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (Ø 3.5 x 13 mm) 		F069073697
Magnetic pin and counter plates		Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 1 magnetic pin • 1 counter plate, self-adhesive • 1 counter plate for screw fixing, inc. screw 		F069135396

Nexis Click-on	167				
Nexis Slide-on	231				

INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for Tipmatic Plus Click-on
	 <p> Recommended position for Tipmatic Plus Click-on. Position for counter plate (at level of the magnetic pin). One magnet pin per door. Recommended position for Tipmatic Plus Click-on for applications in wall cabinets. Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door </p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	Tipmatic Plus Click-on – quick and easy to fit
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1</p>  </div> <div style="text-align: center;"> <p>2</p>  </div> <div style="text-align: center;"> <p>3</p>  </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>4</p>  <div style="display: flex; justify-content: center; align-items: center; margin-top: 10px;">   </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>5</p>  </div>	<p>1 Remove hinge arm cover cap (if fitted). 2 Insert Tipmatic Plus Click-on adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge cup. 3 Press down both sides of the adapter simultaneously, until it engages with an audible click. 4 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards. 5 Adjust the front gap, replace hinge arm cover cap (if available).</p> <p>NOTES</p> <p>Tipmatic Plus Click-on is only suitable for hinges without self-closing mechanism.</p> <p>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system.</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>Thank you for your understanding.</p>

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

170° TIPMATIC PLUS

For 170° wide-angle hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- For 170° Nexis Impresso wide-angle hinges without self-closing mechanism
- For 170° Nexis Click-on wide-angle hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

ORDER INFORMATION

170° Tipmatic Plus set		Item No.	
<p>1 set includes:</p> <ul style="list-style-type: none"> • 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	
<p>Tipmatic Plus Click-on adapter</p> <ul style="list-style-type: none"> • 170° Tipmatic Plus adapter for Nexis Impresso and 170° Nexis Click-on wide-angle hinges 			F069135017
<p>Tipmatic Plus ejector</p> <ul style="list-style-type: none"> • Tipmatic Plus ejector for 170° Tipmatic Plus adapter 			F069135060
<p>Linear adapter plate for magnetic pin</p> <ul style="list-style-type: none"> • Design solution, also in conjunction with inset doors • Fixing with wood screws (Ø 3.5 x 13 mm) 			F069073696
<p>Frame adapter plate for magnetic pin</p> <ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (Ø 3.5 x 13 mm) 			F069073697
<p>Magnetic pin and counter plates</p> <p>1 set includes:</p> <ul style="list-style-type: none"> • 1 magnetic pin • 1 counter plate, self-adhesive • 1 counter plate for screw fixing, inc. screw 			F069135396

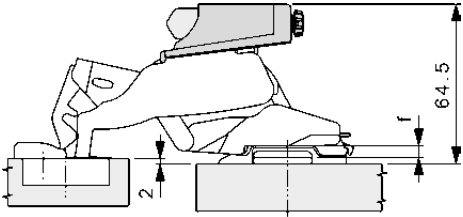
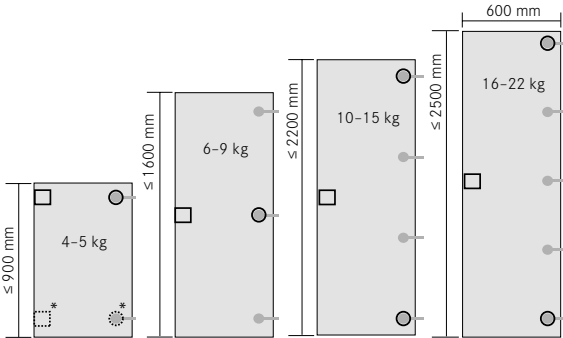
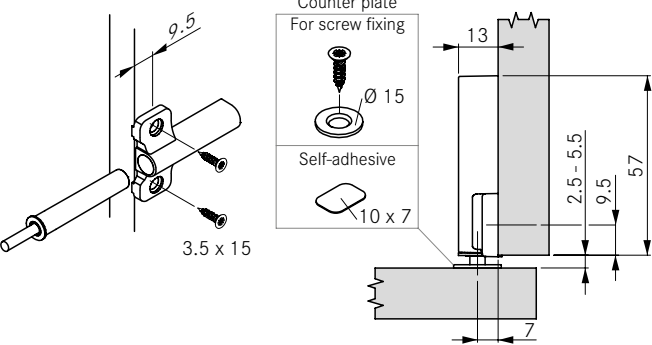
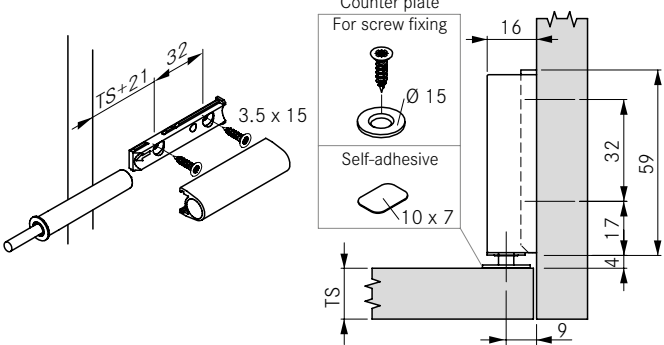

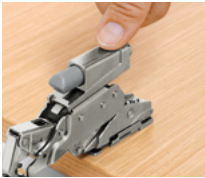
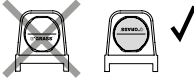
Nexis Impresso 65	134
Nexis Click-on 65	176

Nexis Slide-on 65	240
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INSTALLATION INFORMATION

All dimensions in millimetres

Dimensions	Position for 170° Tipmatic Plus
	 <p>○ Recommended position for Tipmatic Plus 170°. □ Position for counter plate (at level of the magnetic pin). One magnet pin per door. ⋄ Recommended position for Tipmatic Plus 170° for applications in wall cabinets. ⋄ Position for counter plate (at level of the magnetic pin). In wall cabinets. One magnet pin per door</p>
Position for frame adapter plate	Position for linear adapter plate
 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>	 <p>Do not use door buffers! Counter plate, self-adhesive or for screw fixing.</p>
Installation	170° Tipmatic Plus- quick and easy to fit
<p>1 </p> <p>2 </p> 	<p>1 Fully insert Tipmatic Plus ejector into the adapter opening, with the flat side facing downwards. Insert adapter, engaging the two small hooks at a slight angle in the recesses underneath the hinge arm.</p> <p>2 Press down the Tipmatic Plus 170° adapter until it engages with an audible click.</p> <p>NOTES</p> <p>170° Tipmatic Plus is only suitable for hinges without self-closing mechanism.</p> <p>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system.</p> <p>When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly.</p> <p>Thank you for your understanding.</p>

Tiomos

Nexis

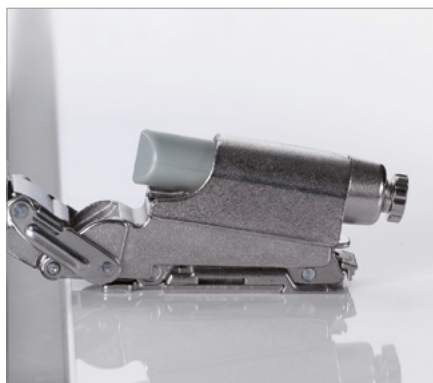
Special hinges

Single-joint hinges

Cabinet making accessories

TIPMATIC PLUS MIRRO

For Nexis Click-on Mirro hinges without self-closing mechanism



- Doors open by gently tapping the front, in a wide opening angle
- For Nexis Mirro and Nexis Mirro -15° hinges without self-closing mechanism
- Can also be retrofitted thanks to easy installation

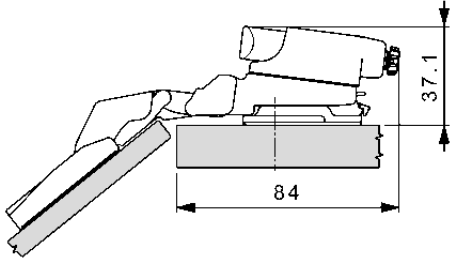
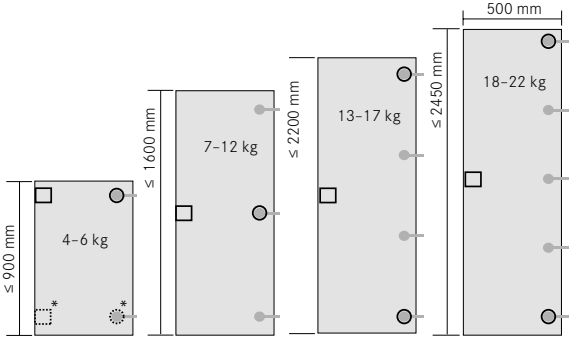
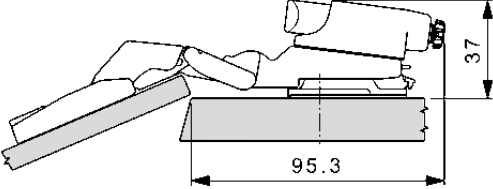
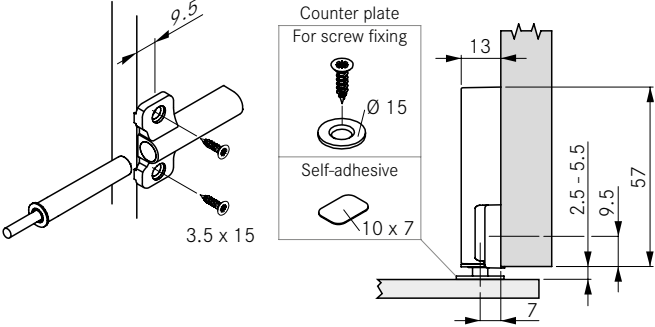
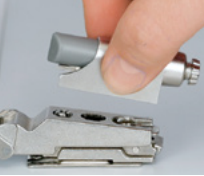
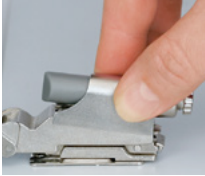
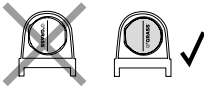
ORDER INFORMATION

Tipmatic Plus Mirro set		Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 1 Tipmatic Plus Mirro adapter • 1 Tipmatic Plus ejector • 1 counter plate, self-adhesive • 1 magnetic pin 		F069073746
Tipmatic Plus Mirro adapter		Item No.
<ul style="list-style-type: none"> • Tipmatic Plus Mirro adapter for Nexis Click-on Mirro hinges 		F069135304
Tipmatic Plus ejector		Item No.
<ul style="list-style-type: none"> • Tipmatic Plus ejector for Tipmatic Plus Mirro adapter 		F069135060
Linear adapter plate for magnetic pin		Item No.
<ul style="list-style-type: none"> • 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		Item No.
<ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (Ø 3.5 x 13 mm) 		F069073697
Magnetic pin and counter plate		Item No.
<p>1 set includes:</p> <ul style="list-style-type: none"> • 1 magnetic pin • 1 counter plate, self-adhesive • 1 counter plate for screw fixing, inc. screw 		F069135396

Nexis Click-on 07 Mirro	212		
Nexis Click-on 07/-15° Mirro	214		

INSTALLATION INFORMATION

All dimensions in millimetres

<p>Mirro dimensions</p>  <p>Drawing with mounting plate height 2</p>	<p>Position for Tipmatic Plus Mirro</p>  <p>○ Recommended position for Soft-close Mirro ⊙ Position for additional Soft-close Mirro (if required)</p>
<p>Mirro -15° dimensions</p>  <p>Drawing with mounting plate height 2</p>	<p>Position for Tipmatic Plus Mirro frame adapter plate</p>  <p>Do not use door buffers! Self-adhesive counter plate.</p>
<p>Installation</p> <p>1  2 </p> 	<p>Tipmatic Plus Mirro – quick and easy to fit</p> <ol style="list-style-type: none"> 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. Push the Tipmatic Plus Mirro adapter back until it engages with an audible click. <p>NOTES</p> <p>Tipmatic Plus Mirro is only suitable for hinges without self-closing mechanism.</p> <p>Before attaching the self-adhesive plate, ensure that the surface is clean and free from grease.</p> <p>GRASS does not give any warranty if Tipmatic Plus is used with a different hold-closed system. When fitting GRASS furniture hardware, the installation instructions supplied with the applicable sales literature must be observed in detail, otherwise the company cannot accept liability. If you require further information relating to installation and assembly, please contact one of our factories directly. We thank you for your understanding.</p>

Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

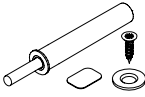
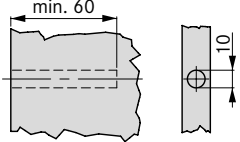
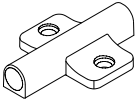
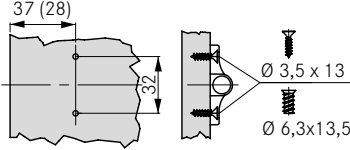
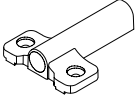
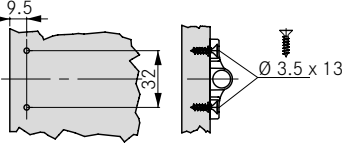
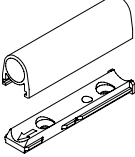
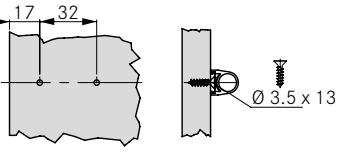
TIPMATIC

For handle-free wood/aluminium frame doors and glass/mirror doors



- Doors open to a convenient opening angle by gently tapping the front
- All hinges without self-closing mechanism can be used
- Wide catching range of magnet ensures reliable door closing
- The front gap can be adjusted between 2.5 and 5.5 mm using the integrated, self-locking and toolless depth adjustment
- Installation in the front edge of the cabinet or using an adapter plate

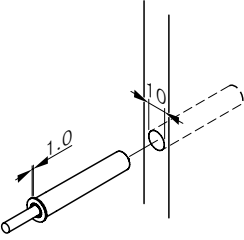
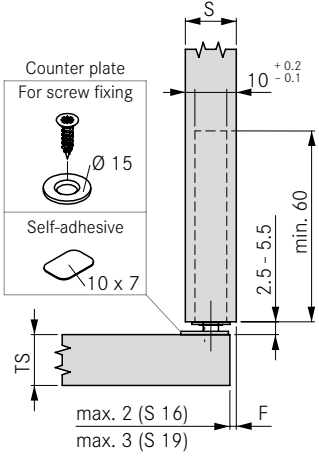
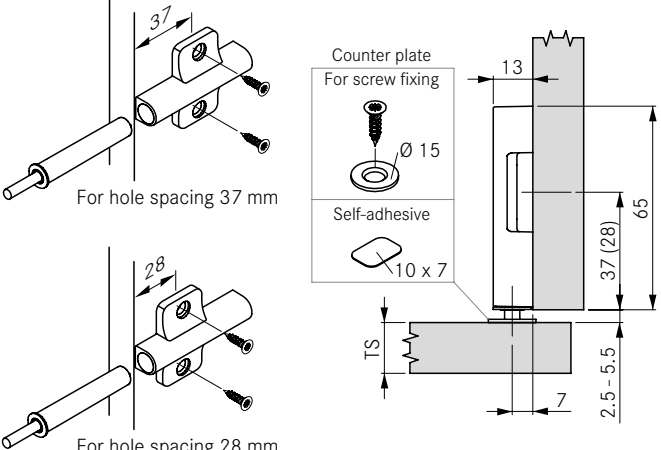
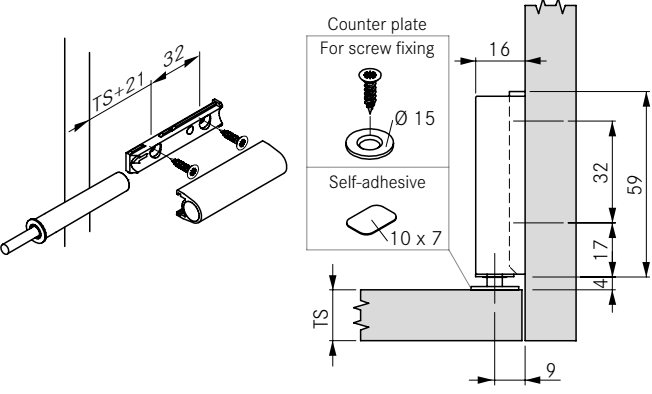
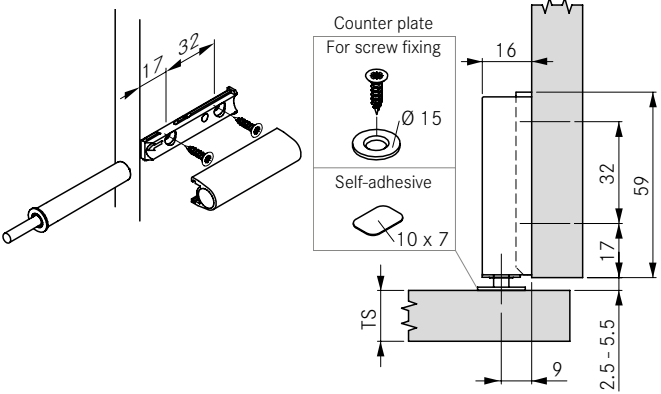
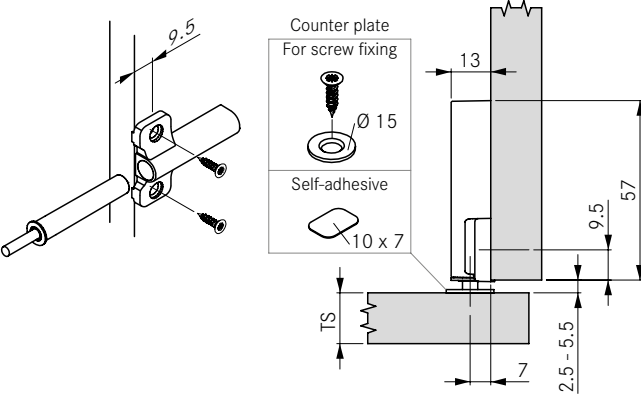
ORDER INFORMATION

Tipmatic Pin	For drilling	Item No.
<ul style="list-style-type: none"> • 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 		F069135396
Adapter plate for line hole drilling <ul style="list-style-type: none"> • 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 	For screw fixing 	F069063310
Frame adapter plate <ul style="list-style-type: none"> • For quick retrofit installation • Fixing with chipboard screws (Ø 3.5 x 13 mm) • Plastic RAL 7035, light grey 	For screw fixing 	F069073697
Linear adapter plate <ul style="list-style-type: none"> • Design solution – also in conjunction with inset doors • Fixing with chipboard screws (Ø 3.5 x 13 mm) • Plastic RAL 7035, light grey 	For screw fixing 	F069073696

Nexis Impresso	125
Nexis Click-on	167

Nexis Slide-on	231
Assembly aid	304

PLANNING AND INSTALLATION INSTRUCTIONS

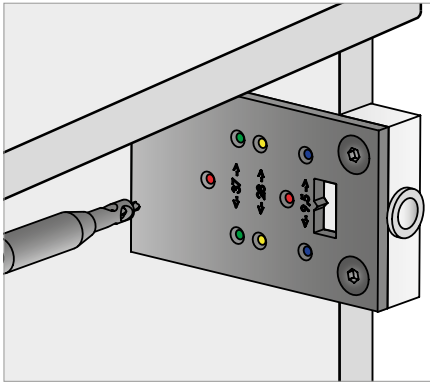
<p>Tipmatic Pin</p>   <p>Drilling into front edge of cabinet</p>	<p>Adapter plate for line hole drilling</p>  <p>Installation with adapter plates</p>
<p>Linear adapter plate inset</p>  <p>Installation with adapter plates</p>	<p>Linear adapter plate overlay</p>  <p>Installation with adapter plates</p>
<p>Frame adapter plate</p>  <p>Installation with adapter plates</p>	

LEGEND

F	Reveal
S	Cabinet side wall
TS	Door thickness

TIPMATIC

Installation jigs



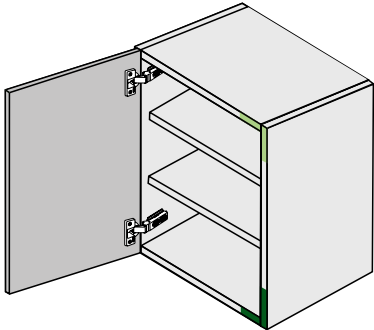
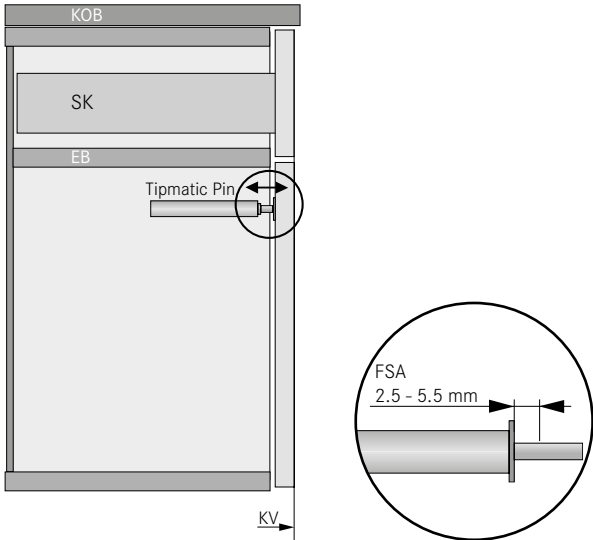
ORDER INFORMATION

Drilling jig for adapter plates and Tipmatic Pin		Item No.
<ul style="list-style-type: none"> The GRASS drilling jig can be used for all types of adapter plates and for the Tipmatic Pin Note: Drill bits are not supplied! 		F146095470
Pilot drill bit		Item No.
<ul style="list-style-type: none"> Ø 3.5 mm 		F146035692
Pilot drill bit with stop ring		Item No.
<ul style="list-style-type: none"> Ø 10 mm 		F146038823

Tipmatic	302

ASSEMBLY AIDS

All dimensions in millimetres

Recommended positions	Front gap adjustment
 <p>Position in the top corner opposite the hinge in the base cabinet</p> <p>Position in the bottom corner opposite the hinge in the wall cabinet</p> <p>General advice regarding the installation position: The Tipmatic element is installed opposite the hinge, either by inserting it into a hole in the front edge of the cabinet or with adapter plates, which are available in different versions.</p>	 <p>Adjustment of front gap with integrated toolless depth adjustment: The front gap can be set to line up with the Tipmatic drawer.</p>

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

LEGEND

BT	Drilling depth	KV	Front edge of cabinet	
EB	Dust panel	SK	Drawer	
FSA	Front gap adjustment			
KOB	Worktop			






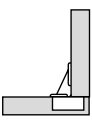
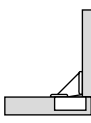
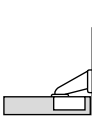

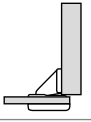
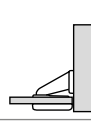

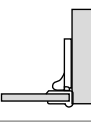
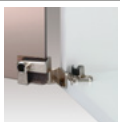

SPECIAL HINGES

From flap hinges and mini-hinges to glass door hinges for direct mounting on the cabinet side wall.



SPECIAL HINGES

Hinges for special applications.
Where individual solutions are needed.

Opening angle		Product description	Full Overlay	Half Overlay	Inset	Page
90°		Flap hinge <ul style="list-style-type: none"> • Flap thicknesses up to 20 mm • Cup hole 35 mm • 3-dimensional adjustment 		-	-	308
90°		Mini-hinge A 90/E 90 <ul style="list-style-type: none"> • Direct mounting on cabinet side wall • Cup diameter 26 mm • Ideal for doors with narrow frames 				310
92°		Glass door hinge A 90GL/E 90GL <ul style="list-style-type: none"> • Direct mounting on cabinet side wall • Cup diameter 26 mm • Ideal for display cabinets 	-			312
180°		180° glass door hinge <ul style="list-style-type: none"> • For glass thicknesses from 4 to 6 mm • Direct mounting on cabinet side wall • Fixing to the door without drilling 	-	-		314
210°		Glass door hinge +30/-30 <ul style="list-style-type: none"> • For glass thicknesses from 5 to 6 mm • Universal application for cabinet angles from +30° to -30° • Fixing to the door without drilling 		-	-	316

Tiimos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

FLAP HINGE

90° hinge with 35 mm cup



- 90° opening angle
- For flap thicknesses up to 20 mm
- Cup edge cover
- Base and flap part are supplied unassembled
- Base and flap part have the same drilling dimensions
- 3-dimensional adjustment
- Sturdy design

ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm	Screw fixing	
Full overlay			Zamak, nickel-plated	Zamak, nickel-plated	F078073799	

Installation technology	354

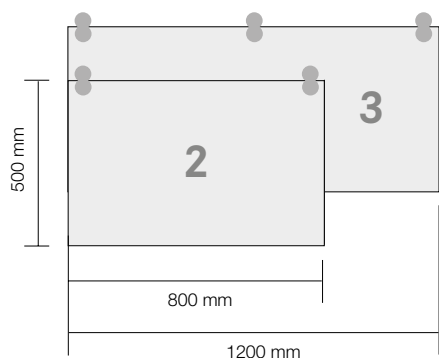
INSTALLATION INFORMATION

All dimensions in millimetres

Full overlay

Minimum reveal (F)	
Flap thickness (TS)	
14	0.2
15	1.0
16	2.0
17	3.0
18	3.8
19	5.0
20	6.0

NUMBER OF HINGES



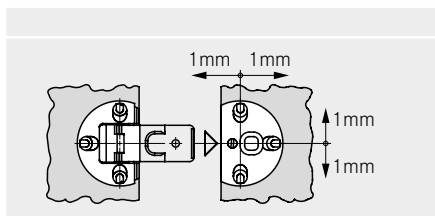
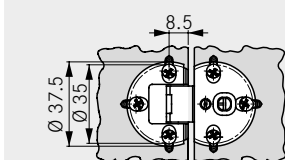
NOTES

Fixing of flap and base parts with cylinder head screws ($\varnothing 3 \times 13$ mm) (screws not supplied).

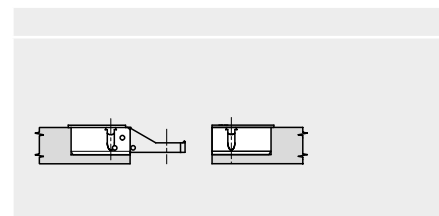
Hinge dimensions and reveal calculation with factory setting.

DRILLING PATTERNS

Version for screw fixing



CUP DIMENSIONS



MINI-HINGE A 90/E 90

90° hinge with 26 mm cup



- 90° opening angle
- With Ø 26 mm cup hole, ideal for doors with narrow frames
- One-piece hinge
- 3-point fixing on cabinet is possible
- Height adjustment by means of slots

ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm	Screw fixing	
Full overlay			Steel, nickel-plated	Zamak, nickel-plated	F078073814	
Half overlay			Steel, nickel-plated	Zamak, nickel-plated	F078073813	
Inset			Steel, nickel-plated	Zamak, nickel-plated	F078073812	

Installation technology	354
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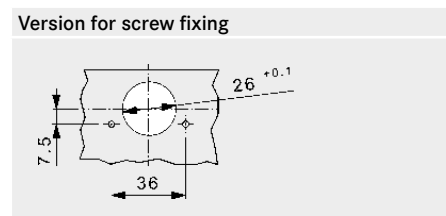
INSTALLATION INFORMATION

All dimensions in millimetres

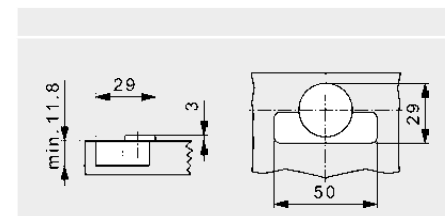
Full overlay		A 90		Half overlay		A 90		Inset		E 90		
										(TS) = door thickness		
Door overlay	Cup distance			Cup distance			Cup distance					
	15	4		6	4		4	4				
	16	5		7	5		3	5				
	17	6		8	6		2	6				

Position of holes for fixing hinge to cabinet					

DRILLING PATTERNS



CUP DIMENSIONS



Timos
Nexis
Special hinges
Single-joint hinges
Cabinet making accessories

GLASS DOOR HINGE A 90GL/E 90GL

With direct mounting on cabinet sidewall



- 92° opening angle
- One-piece glass door hinge
- Ideal for display cabinets
- 3-point fixing on cabinet is possible
- Height adjustment by means of slots

ORDER INFORMATION

Door overlay			Material		Item No.	
			Cup	Arm		
Half overlay			Plastic, black	Zamak, nickel-plated	F078073786	
Inset			Plastic, black	Zamak, nickel-plated	F078073787	

DECORATIVE COVER CAPS

	Designation	Item No.
	Nickel velour	F069073420
	Nickel polished, eroded	F069073421
	Brass polished, eroded	F069073422
	Brass velour	F069073423
	Silver RAL 9006	F069073410
	Black	F069073424

	Designation	Item No.
	Nickel velour	F069073425
	Stainless steel	F069073426
	Nickel polished, eroded	F069073414
	Brass polished, eroded	F069073427
	Silver RAL 9006	F069073417
	Black	F069073428
	Chrome finish	F069073419

Installation technology 354

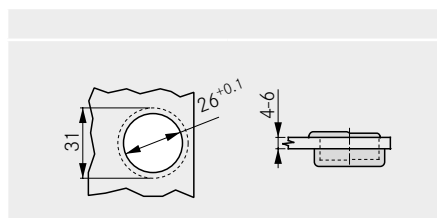
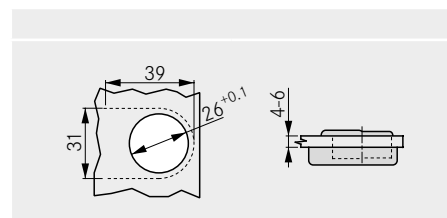
INSTALLATION INFORMATION

All dimensions in millimetres

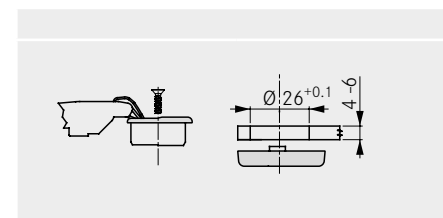
Half overlay		A 90GL	Inset		E 90GL																																				
		(TS) = door thickness																																							
Door overlay	<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>6</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Cup distance						6	4					7	5					8	6																
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	6	4																																							
	7	5																																							
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Door reveal (F)	<table border="1"> <thead> <tr> <th colspan="2">Cup distance</th> <th colspan="2"></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>6</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Cup distance						4	4					3	5					2	6																
	Cup distance																																								
	4	4																																							
	3	5																																							
	2	6																																							

Position of holes for fixing hinge to cabinet	

DRILLING PATTERNS



CUP DIMENSIONS



GLASS DOOR HINGE

180° with direct mounting on cabinet sidewall



- 180° opening angle
- Particularly flat design
- Fixing to the door without drilling
- For glass thicknesses from 4 to 6 mm

ORDER INFORMATION

Door overlay		Position	Material		Item No.	
			Cup	Arm		
Inset		1 	Zamak, nickel-plated	Zamak, nickel-plated	F078073792	
		2 				

¹ Left at the top / right at the bottom

² Left at the top / right at the bottom

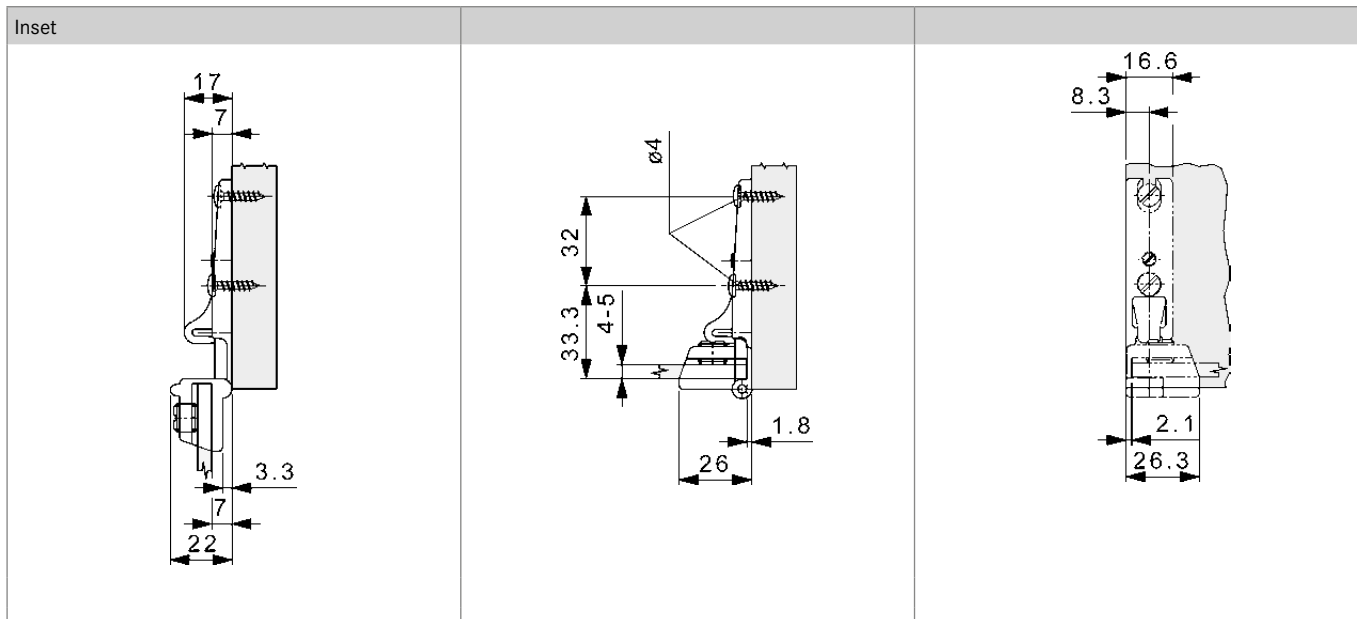
PULL

	Designation	Item No.
	Zamak, nickel-plated, fixing with self-adhesive pad	F069073457

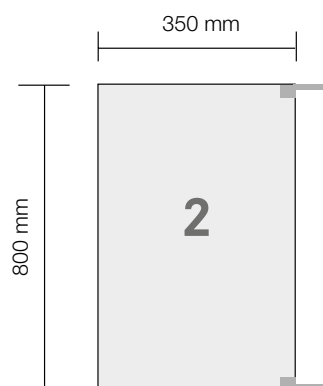
Installation technology 354

INSTALLATION INFORMATION

All dimensions in millimetres



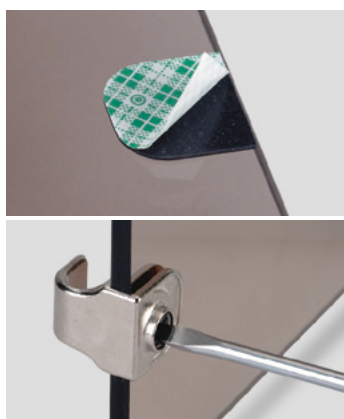
NUMBER OF HINGES



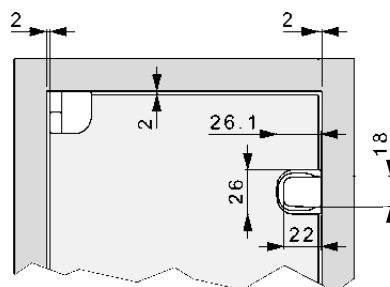
INSTALLATION INSTRUCTIONS

Attach double-sided adhesive pad at the glass corners. Remove foil. Insert the glass door into the fitted hinge with the side with the adhesive pad facing outwards. Tighten clamping screw.

Density: $2.5 \text{ kg/dm}^3 = 4.2 \text{ kg}$
with 6 mm glass thickness



PULL POSITION



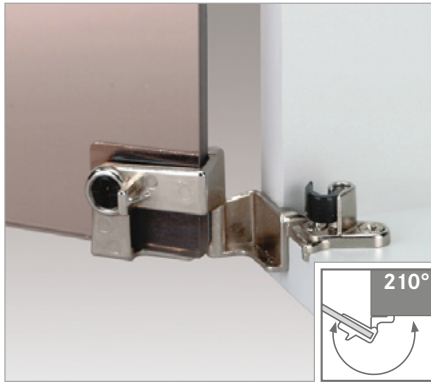
INSTALLING THE PULL

Decide the pull position, attach double-sided adhesive pad. Remove foil. Insert glass door into the pull with the adhesive pad facing outwards.

Tighten clamping screw (max. 2 Nm).





GLASS DOOR HINGE

+30° to -30° variable angle glass and mirror door hinge



- 210° opening angle
- Universal application for cabinet angles from +30° to -30°
- Fixing to the door without drilling
- Ideal for small doors
- For glass thicknesses from 5 to 6 mm

ORDER INFORMATION

Door overlay			Position	Material		Item No.	
				Cup	Arm		
Full overlay				Zamak, nickel-plated	Zamak, nickel-plated	F078073783	
				Zamak, nickel-plated	Zamak, nickel-plated	F078073785	

¹ Left at the top / right at the bottom

² Left at the top / right at the bottom

PULL

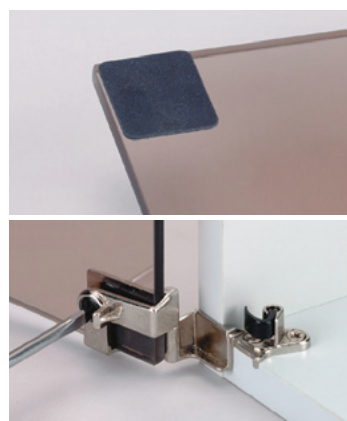
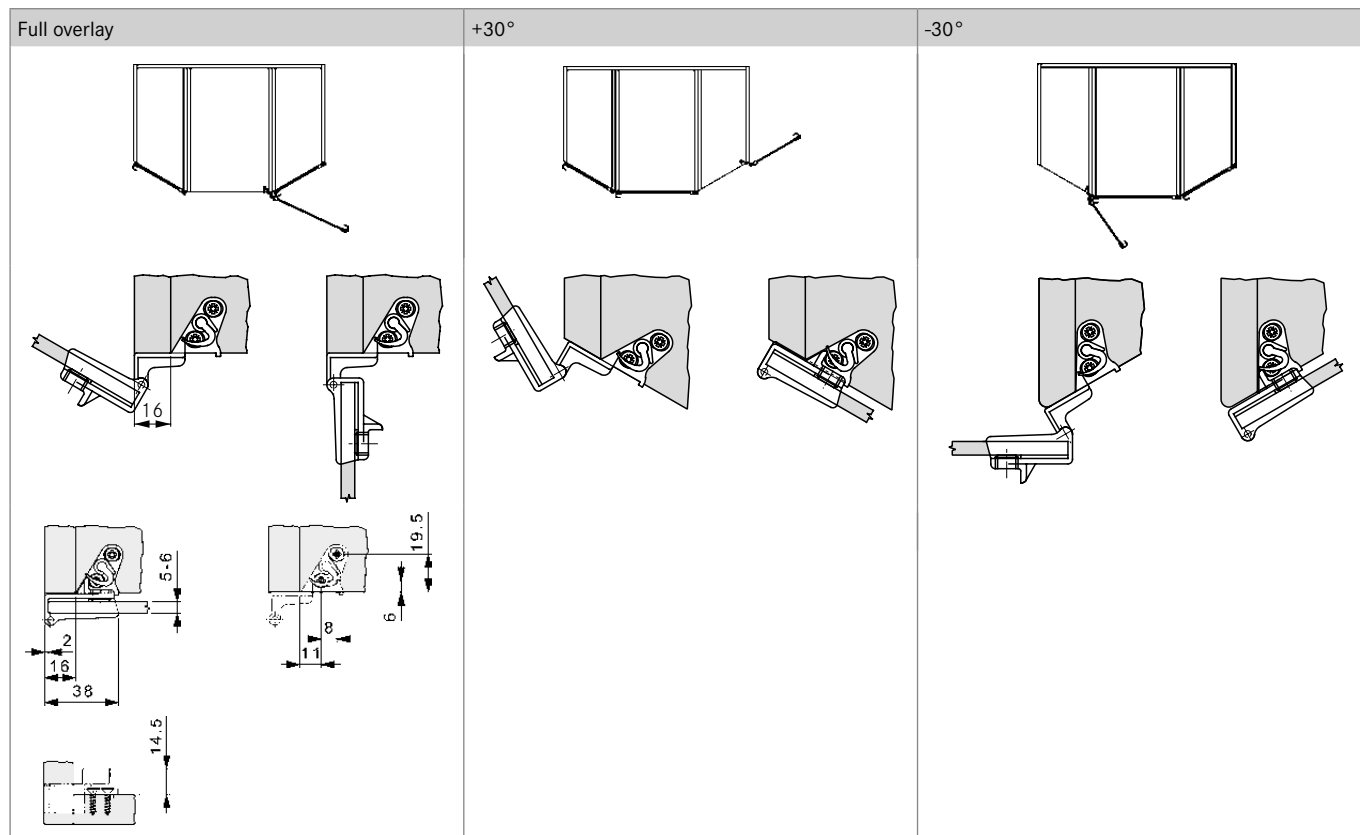
	Designation	Item No.
	Zamak, nickel-plated, fixing with self-adhesive pad	F069073457

Installation technology

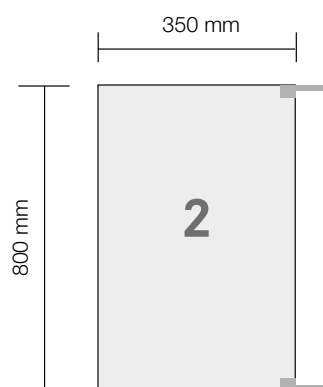
354

INSTALLATION INFORMATION

All dimensions in millimetres



NUMBER OF HINGES



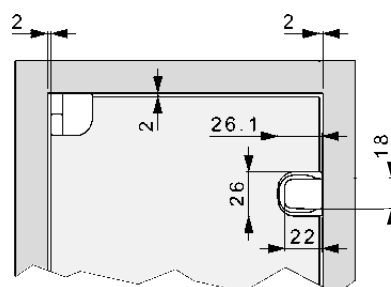
INSTALLATION INSTRUCTIONS

Attach adhesive pad to the glass corners. Insert the glass door into the fitted hinge with the side with the adhesive pad facing outwards. Tighten clamping screw.

Density: $2.5 \text{ kg/dm}^3 = 4.2 \text{ kg}$
with 6 mm glass thickness



PULL POSITION



INSTALLING THE PULL

Decide the pull position, attach double-sided adhesive pad. Remove foil. Insert glass door into the pull with the adhesive pad facing outwards.

Tighten clamping screw (max. 2 Nm).



SINGLE-JOINT HINGES

Functional movement systems
for furniture in offices and public buildings.


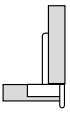
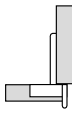


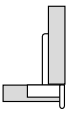
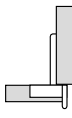
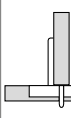

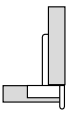


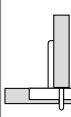

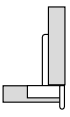
QUALITY CERTIFICATE
LGAD

Reduced to the essentials.

For us, that means focusing on quality, design and function. Our range of hinges for furniture in offices and public buildings is the best example of that. We offer the ideal single-joint hinge for all applications. Its high-quality materials, excellent workmanship and top quality are just as important to us as its aesthetic design and reliable operation. Try it for yourself.

SINGLE-JOINT HINGES

Single-joint hinges for continuous or individual cabinet construction and for concealed applications. Flexible. Functional. Decorative.

Opening angle		Product description	Full Overlay	Half Overlay	Inset	Twin application	Page
270° 180°		Single-joint hinge MB-6010 <ul style="list-style-type: none"> Extremely narrow reveals (3 mm) Tool-free clip fitting of door Direct reveal and height adjustment 				-	320
230° 180°		Single-joint hinge MB-6010 <ul style="list-style-type: none"> Narrow reveals (6/12.5 mm) Tool-free clip fitting of door Direct reveal and height adjustment 			-		322
270°		Single-joint hinge MB-8010 <ul style="list-style-type: none"> Narrow reveals (4 mm) Tool-free clip fitting of door Direct reveal and height adjustment 		-	-	-	324
230° 180°		Single-joint hinge MB-8010 <ul style="list-style-type: none"> Reveals (8/13.5 mm) Tool-free clip fitting of door Direct reveal and height adjustment 	-		-		326
270°		Single-joint hinge MB-8320 <ul style="list-style-type: none"> Reveals (4/8 mm) Tool-free clip fitting of door Height adjustment via a cam 		-	-	-	328

	Soft-close Pin <ul style="list-style-type: none"> Pneumatic damper 	330
	Technical information	332
	Installation technology	354

Tiimos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

SINGLE-JOINT HINGE MB-60 10

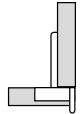

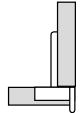

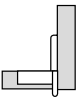

For very narrow reveals



- 270° / 180° opening angle
- Reveal 3 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ± 2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately

ORDER INFORMATION







HINGE ARM

Door overlay		Designation	Material	Item No.	
Full overlay (19 mm cabinet side) Reveal 3 mm			MB-63 10	Zamak, nickel-plated	F15000009
Full overlay (16 mm cabinet side) Reveal 3 mm			MB-62 10	Zamak, nickel-plated	F15000008
Inset Reveal 3 mm			MB-61 10	Zamak, nickel-plated	F15000007

HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	F15000006	F15000021

ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F15000018
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F15000017
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F15000019
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F15000020
	Euro collar screws, nickel-plated, \varnothing 6.3 x 10.5 mm	-	F150145235
	Euro collar screws, nickel-plated, \varnothing 6.3 x 13.5 mm	-	F150145234

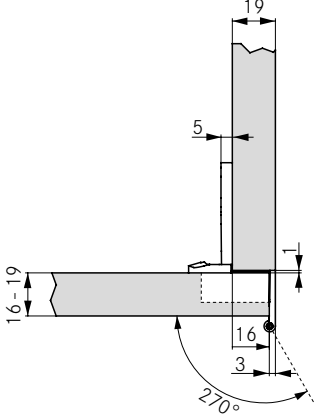
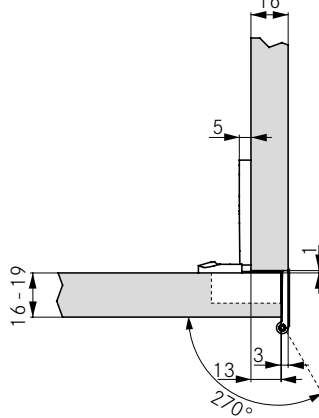
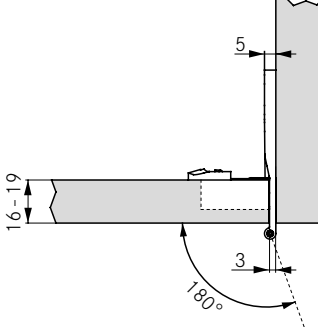
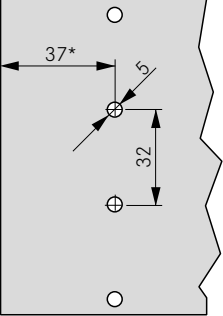
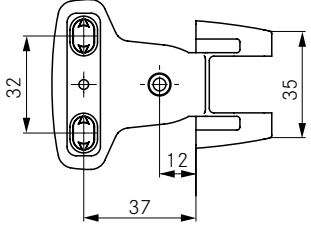
Soft-close Pin	330
Technical information	332

Installation technology	354
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INSTALLATION INFORMATION

All dimensions in millimetres

MB-6310 full overlay (19 mm cabinet side)	MB-6210 full overlay (16 mm cabinet side)	MB-6110 inset
 <p>Door overlay 16</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 13</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door protrusion 3 mm with 180° opening angle</p>
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
 <p>*=39 mm + door thickness with inset application, MB-6110</p>		

Tiomos

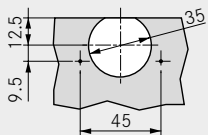
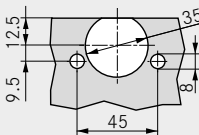
Nexis

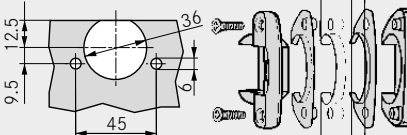
Special hinges

Single-joint hinges

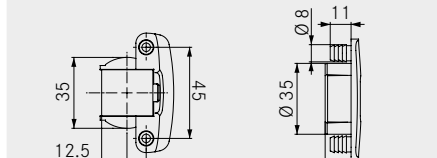
Cabinet making accessories

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS



SINGLE-JOINT HINGE MB-60 10

For narrow reveals



- 230° / 180° opening angle
- Reveal 6/12.5 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ±2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- For a twin fitting for one hinge arm, 2 cups are required
- Hinge arms and cups have to be ordered separately

ORDER INFORMATION

HINGE ARM

Door overlay		Designation	Material	Item No.
Full overlay (19 mm cabinet side) Reveal 6 mm		MB-68 10	Zamak, nickel-plated	F150000012
Half overlay Reveal 12.5 mm		MB-65 10	Zamak, nickel-plated	F150000010
Twin fitting Reveal 6 mm		MB-66 10	Zamak, nickel-plated	F150000011

HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	F150000006	F150000021

ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	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	-	F150145234

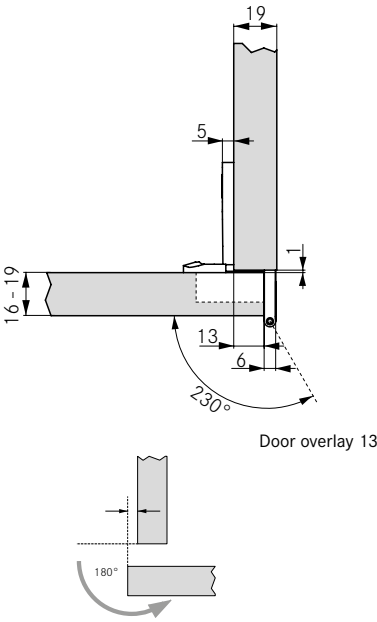
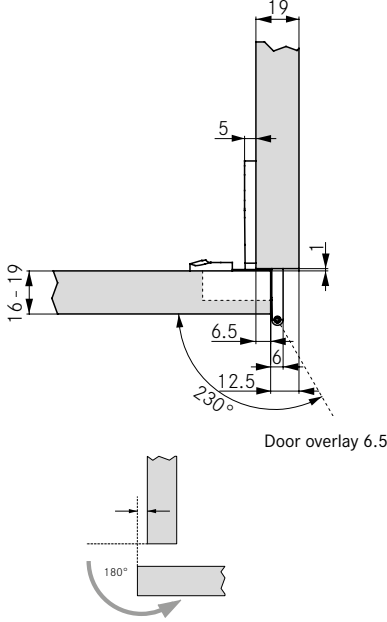
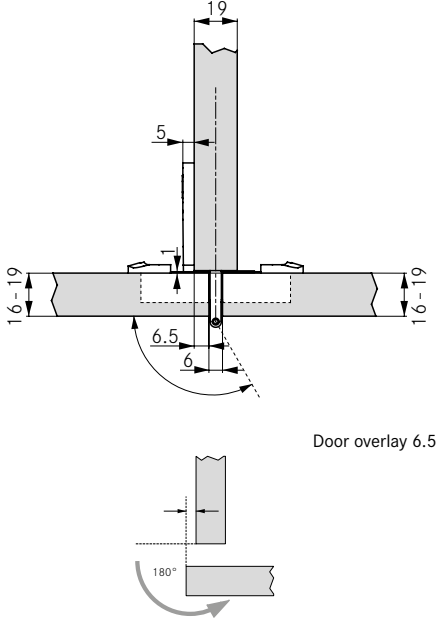
Soft-close Pin	330
Technical information	332

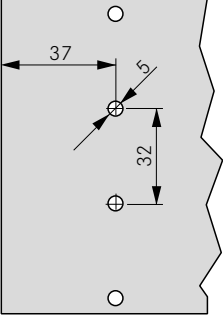
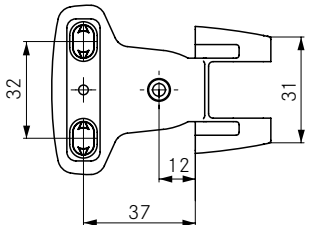
Installation technology	354
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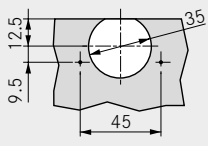
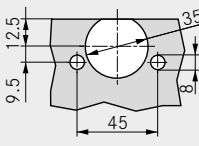
INSTALLATION INFORMATION

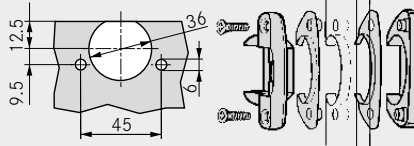
All dimensions in millimetres

MB-6810 full overlay (19 mm cabinet side)	MB-6510 half overlay	MB-6610 twin application
 <p>Door overlay 13</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 6.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 6.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>

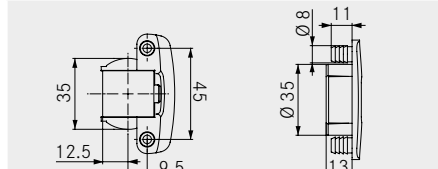
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS



SINGLE-JOINT HINGE MB-80 10

For narrow reveals, suitable for heavy doors



- 270° opening angle
- Reveal 4 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ± 2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately

ORDER INFORMATION







HINGE ARM

Door overlay		Designation	Material	Item No.
Full overlay (19 mm cabinet side) Reveal 4 mm		MB-83 10	Zamak, nickel-plated	F15000014
Full overlay (16 mm cabinet side) Reveal 4 mm		MB-82 10	Zamak, nickel-plated	F15000013

HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	F15000006	F15000021

ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	F15000018
	Clothes protector, prevents soiling and damage through trapping. To be used with all single-joint hinges.	Plastic	F15000017
	Opening angle reduction clip, approx. 90°, for all single-joint hinges, except inset applications	-	F15000019
	Opening angle reduction clip, approx. 110°, for all single-joint hinges, except inset applications	-	F15000020
	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	-	F150145234

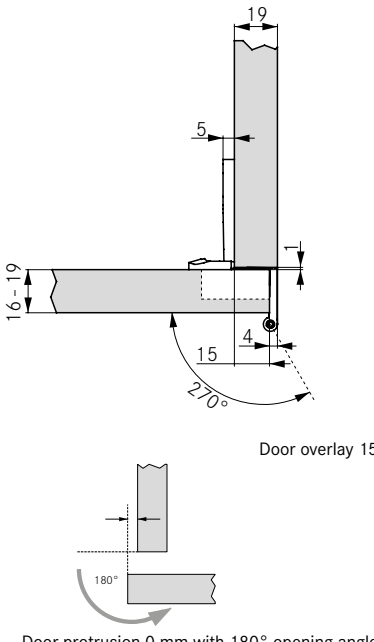
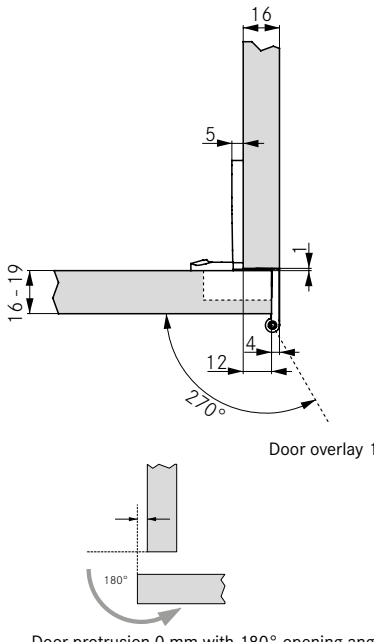
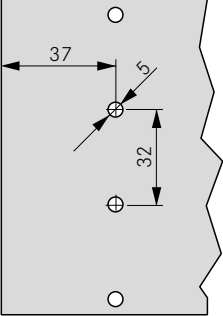
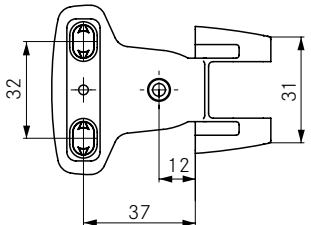
Soft-close Pin	330
Technical information	332

Installation technology	354
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INSTALLATION INFORMATION

All dimensions in millimetres

MB-8310 full overlay (19 mm cabinet side)	MB-8210 full overlay (16 mm cabinet side)	
 <p>Door overlay 15</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 12</p> <p>Door protrusion 0 mm with 180° opening angle</p>	
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

Timos

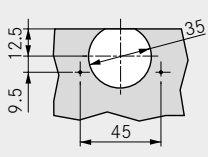
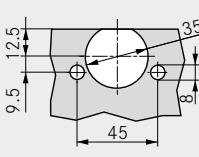
Nexis

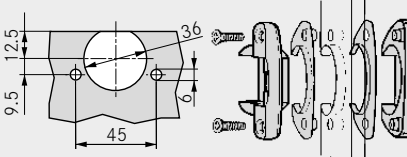
Special hinges

Single-joint hinges

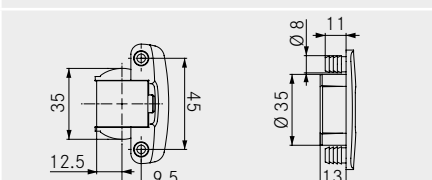
Cabinet making accessories

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS



SINGLE-JOINT HINGE MB-80 10

Suitable for heavy doors



- 230°/180° opening angle
- Reveal 8/13.5 mm
- Tool-free clip fitting of door
- Cup edge cover
- Side adjustment -2 mm
- Height adjustment ±2 mm via slots
- Visible joint
- Supplied with black cover caps, neutral
- Hinge arms and cups have to be ordered separately
- For a twin application for one hinge arm, 2 cups are required

ORDER INFORMATION







HINGE ARM

Door overlay		Designation	Material	Item No.
Half overlay (19 mm cabinet side) Reveal 13.5 mm		MB-85 10	Zamak, nickel-plated	F150000015
Twin application (19 mm cabinet side) Reveal 8 mm		MB-86 10	Zamak, nickel-plated	F150000016

HINGE CUP

	Screw fixing	Press fitting
Hinge cup - suitable for all MB hinge types	F150000006	F150000021

ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	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	-	F150145234

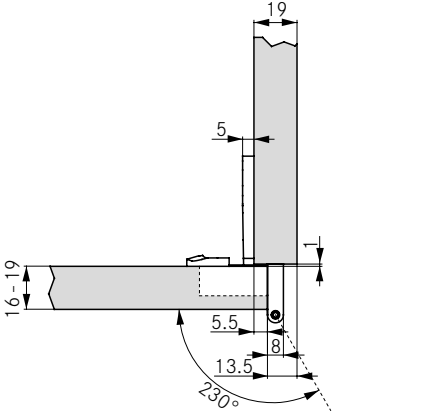
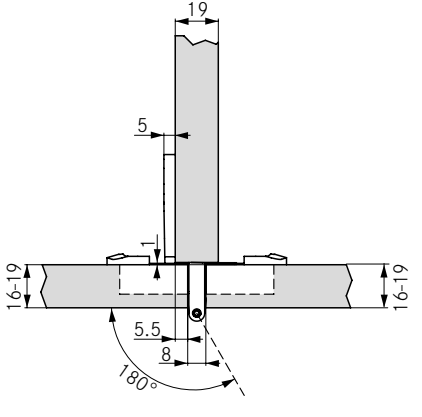
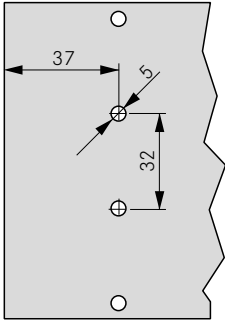
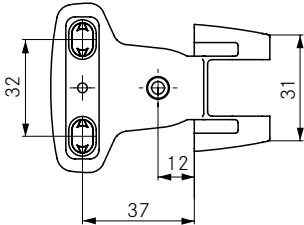
Soft-close Pin	330
Technical information	332

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INSTALLATION INFORMATION

All dimensions in millimetres

MB-85 10 half overlay	MB-86 10 twin application	
 <p>Door overlay 5.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	 <p>Door overlay 5.5</p> <p>Door protrusion 0 mm with 180° opening angle</p>	
Position of holes for fixing hinge to cabinet	Hinge arm dimensions	
		

Tiomos

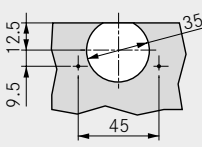
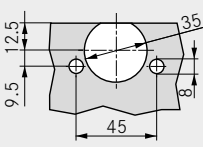
Nexis

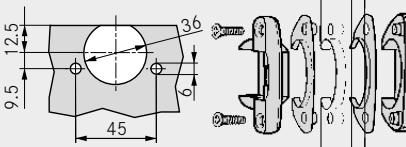
Special hinges

Single-joint hinges

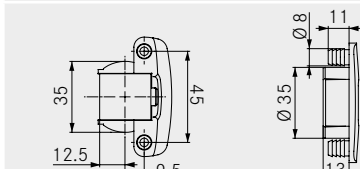
Cabinet making accessories

DRILLING PATTERNS

Version for screw fixing	Version for press fitting
	

Glass hole for decorative cover cap inst. set


CUP DIMENSIONS



SINGLE-JOINT HINGE MB-8320

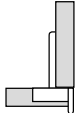

With direct height adjustment



- 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	Item No.	
Full overlay (19 mm cabinet side) Reveal 4 mm			MB-8320	Zamak, nickel-plated	F150145167

HINGE CUP

	Screw fixing	Press fitting
Hinge cup – suitable for all MB hinge types	F150000006	F150000021

ACCESSORIES

	Designation	Material	Item No.
	Decorative cover cap for use as glass door hinge. For 5 to 6 mm glass thicknesses. Set complete with plastic underlay and connecting screws.	Zamak, nickel-plated	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, \varnothing 6.3 x 10.5 mm	–	F150145235
	Euro collar screws, nickel-plated, \varnothing 6.3 x 13.5 mm	–	F150145234

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INSTALLATION INFORMATION

All dimensions in millimetres

MB-8320 full overlay (19 mm cabinet side)

Door overlay 15

Door protrusion 0 mm with 180° opening angle

Position of holes for fixing hinge to cabinet	Hinge arm dimensions	

DRILLING PATTERNS

Version for screw fixing	Version for press fitting

Glass hole for decorative cover cap inst. set

CUP DIMENSIONS

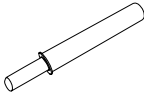
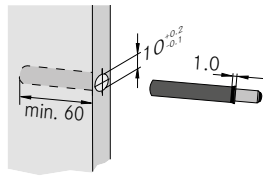
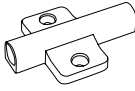
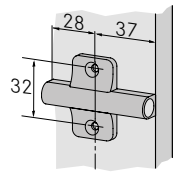
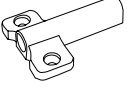
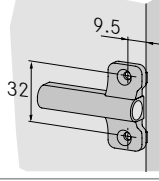
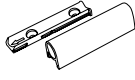
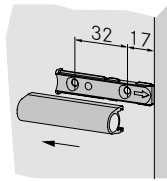
SOFT-CLOSE PIN

Pneumatic damper for doors with single-joint hinges



- Suitable for all door sizes, shapes and materials
- Can also be retrofitted
- For insertion into a drill hole or for fitting with adapter plate

ORDER INFORMATION

Soft-close Pin	Fitting into a drill hole	Item No.
<ul style="list-style-type: none"> • Hole drilled into cabinet front edge • For perfect appearance • Housing: plastic, anthracite • Piston: light grey 		F069066528
Adapter plate for line hole drilling	Euro screws	Item No.
<ul style="list-style-type: none"> • Suitable for hole spacing 28 mm and 37 mm • Fixing with Euro screws (6.3 x 13.5) • Plastic, light grey 		F069063310
Pin adapter Tipmatic Plus	Screw fixing	Item No.
<ul style="list-style-type: none"> • For quick retrofit installation • Fixing with wood screws (3.5 x 13) • Plastic, light grey 		F069073697
Pin linear adapter Tipmatic Plus	Screw fixing	Item No.
<ul style="list-style-type: none"> • Design solution – also in conjunction with inset doors • Fixing with wood screws (3.5 x 13) • Plastic, light grey 		F069073696

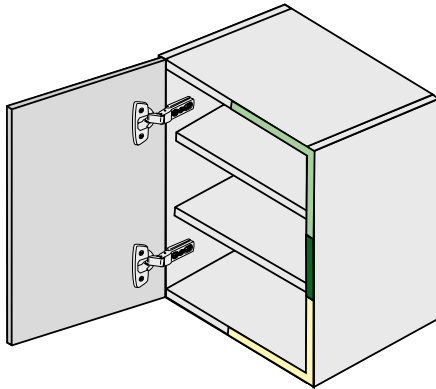
Soft-close Pin drilling jig

359

INSTALLATION INFORMATION

All dimensions in millimetres

Possible damper positions when fitting to a standard door

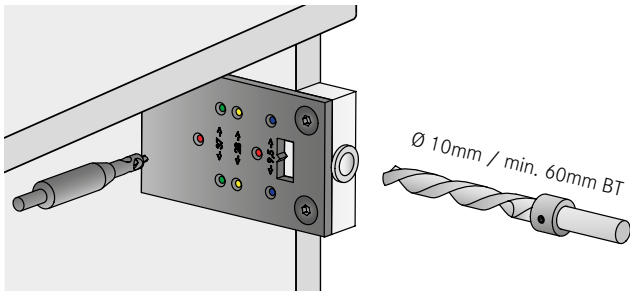


- 1
- 2
- 3

- 1 good position
- 2 optimum position
- 3 possible position

- For larger doors we recommend the installation of an additional damper.

Drilling jig for adapter plates and drill-in damper



The GRASS drilling jig for Soft-close can be used for drilling all adapter plate versions and the drill-in damper

Note: Drill bits are not supplied!

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

LEGEND

BT	Drilling depth
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SINGLE-JOINT HINGES

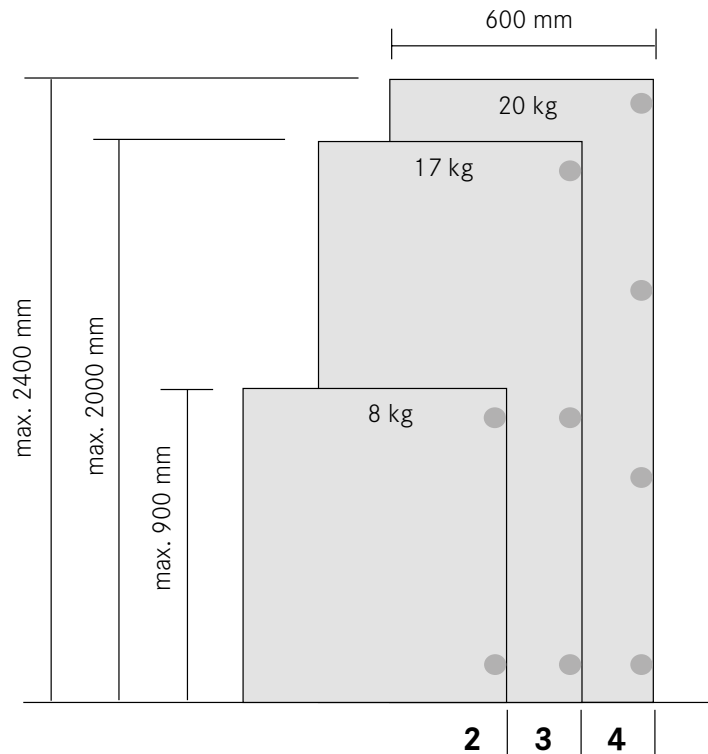
Technical information

NUMBER OF HINGES

Number of hinges

Applies to 19 mm thick chipboard.

Doors must not be greater in width than in height.



MOUNTING/DISMOUNTING

Installation

Simply press in – cabinet and door are now firmly attached to each other.



Dismounting

The hinge connection can be released with a twist of a flat blade. This means that unintentional dismounting is not possible.



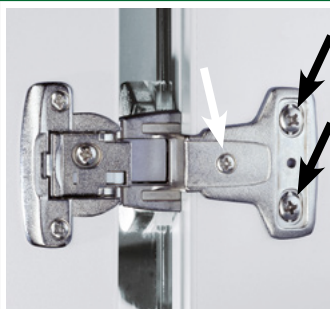
ARM FIXING

Screws for arm fixing

2 Euro collar screws
(6.3 x 10.5 mm or 6.3 x 13.5 mm)

1 chipboard screw 3.5 x 13 mm,
Pozidriv size 2

This screw must be fitted
for safety reasons.



ADJUSTMENTS

<p>Side adjustment MB-6010, MB-8010</p> <p>With this screw, the reveal can be directly adjusted. Adjustment range -2 mm.</p>		<p>Height adjustment MB-6010, MB-8010</p> <p>Adjustment via slots by breaking out the two pins below the Euro screws. Adjustment range +/-2 mm. Following adjustment, set 3rd screw.</p>	
<p>Side adjustment MB-8320</p> <p>With this screw, the reveal can be directly adjusted. Adjustment range -2 mm.</p>		<p>Direct height adjustment MB-8320</p> <p>Adjustment via screw. Adjustment range +/-2 mm. Release 3rd screw before adjustment; re-tighten following the adjustment.</p>	

Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories






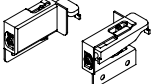
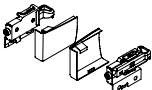



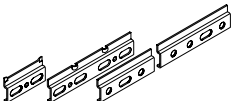
CABINET MAKING ACCESSORIES

From shelf supports, connecting screws, door buffers through to corner connectors – everything necessary for cabinet making.



CABINET MAKING ACCESSORIES

Small components
with a big effect.

	Product description	Page
	Connecting shelf supports, shelf supports	336
	Mitre joint fasteners, front panel adjuster, door buffers	338
	Eccentric connector FixoGRASS 9200	340
	Cabinet suspension fitting SH-25	342
	Cabinet suspension fitting SH-40	344
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	Suspension rails	352
	Installation technology	354

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

CABINET MAKING ACCESSORIES

Shelf supports




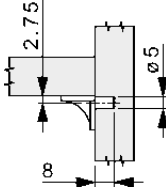

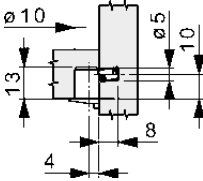

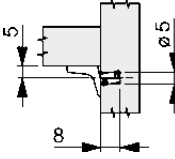

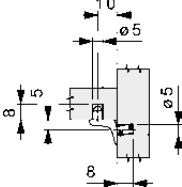

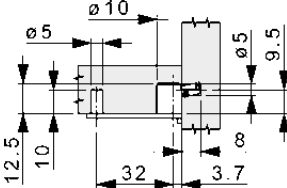

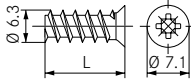

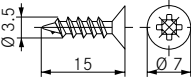
- Connecting shelf support FixoGRASS 9000
- Avoids possible buckling of cabinet side wall
- For heavily loaded shelves
- For shelves with a minimum thickness of 19 mm
- Clip prevents fitting from working loose

ORDER INFORMATION

Designation			Material	Item No.
Shelf support for fixing with wood screws (length 13 mm, Ø 3.5 mm)			Zamak, nickel-plated	F148043028
Shelf support for fixing with Euro screws (length 13 mm, Ø 6.2 mm) BT- drilling depth			Zamak, nickel-plated	F148043036
Shelf support with steel pin Ø 3 mm BT- drilling depth			Zamak, nickel-plated	F148045392
Shelf support with steel pin Ø 5 mm BT- drilling depth			Zamak, nickel-plated	F148045314
Housing			Plastic, white	F148043056
Expanding pin (for housing)			Steel, zink-plated	F148043053

Installation technology 354

ORDER INFORMATION

Designation			Material	Item No.
Shelf support			Zamak, nickel-plated	F069073459
Shelf support			Zamak, nickel-plated	F069073460
Shelf support			Zamak, nickel-plated	F069073464
Shelf support			Zamak, nickel-plated	F069073463
Shelf support			Zamak, nickel-plated	F069073461
Euro screw, Ø 6.3 x 10.5 mm			nickel-plated	F146073979
Euro screw, Ø 6.3 x 13 mm				F069135297
Countersunk wood screw, Ø 3.5 x 15 mm			nickel-plated	F146073976


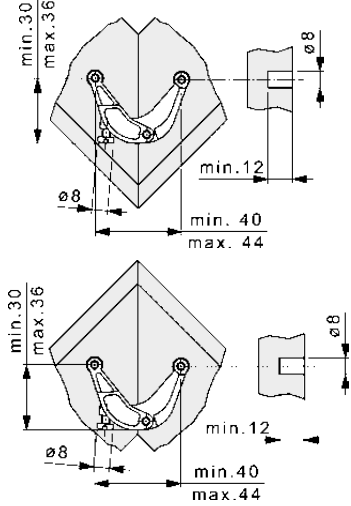

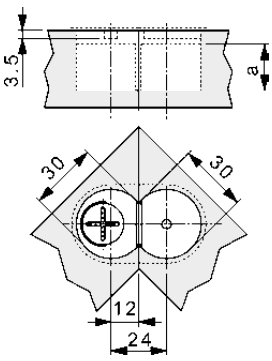
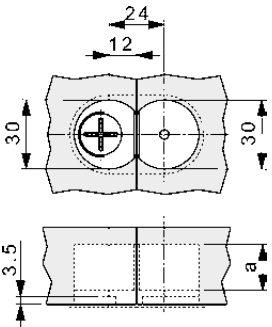
Installation technology 354

CABINET MAKING ACCESSORIES

Mitre joint fasteners, front panel adjuster, door buffers



ORDER INFORMATION


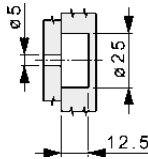

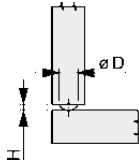
Designation			Material	Item No.
Mitre joint fastener			Zamak, natural	F069073454
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 12 mm			Zamak, natural plastic, white	F069073453
Mitre joint fastener for thick profiles and worktops, drilling depth (a) 20 mm				F069073452

Installation technology

354



ORDER INFORMATION

Designation			Material	Item No.
Front panel adjuster (Fixing with screw M4)			Plastic, black	F069073381
Door buffer Ø 7 mm (D), H 1.5 mm			Plastic, trans- parent	F146073835
Door buffer Ø 10 mm (D), H 3 mm				F146073836

Installation technology	354

CABINET MAKING ACCESSORIES

Eccentric connector FixoGRASS 9200



- For connecting side walls with worktops, base panels or shelves
- Small but sturdy connection fitting
- A range of steel bolts for different application options
- Easy to fit
- Eccentric installation with SW5 Allen key

ORDER INFORMATION

Designation			Material	Item No.
Eccentric for board thickness 14 - 16 mm			Zamak, nickel-plated	F148043000
Eccentric for board thickness 17 - 20 mm				F148043007
Eccentric for board thickness 21 - 23 mm				F148043015
Corner bolt for fixing with Euro thread \varnothing 6 mm			Steel, zink-plated	F148044883
Corner bolt for fixing with dowel \varnothing 8 mm/M5			Steel, zink-plated	F148044748
Dowel \varnothing 8 mm/M5			Plastic, white	F071085142
Corner bolt for fixing with dowel \varnothing 10 mm/M6			Steel, zink-plated	F148043024
Dowel \varnothing 10 mm/M6			Plastic, white	F145083050
Twin bolts for fitting in \varnothing 5 mm holes,			Steel, zink-plated	F148044841
Twin bolts for fitting in \varnothing 5 mm holes				F148044842

Installation technology 354

INSTALLATION INFORMATION

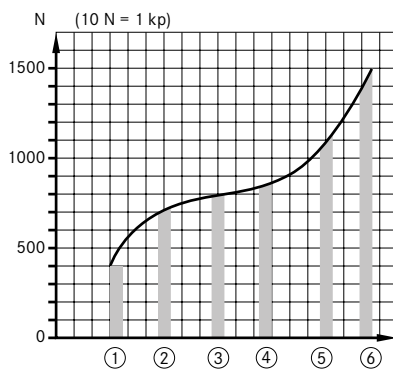
All dimensions in millimetres

Installation dimensions

Installation drawing with corner bolts Installation drawing with countersunk bolts / twin bolts

Board thickness		14 - 16	17 - 20	21 - 23	
a		12.5	15.0	16.2	
b		8.0	9.5	11.0	

LOAD



- 1 Dowel Ø8/M5 (not glued)
- 2 Dowel Ø8/M5 (glued)
- 3 Euro screw Ø6 x 11
- 4 Dowel Ø10/M6 (not glued)
- 5 Dowel Ø10/M6 (glued)
- 6 Twin pins

NOTES

The max. loads shown in the diagram are guide values for the axial pull-out resistance (of the bolt on the cabinet side).

The critical factors are the material quality and the diameter of the hole.

In case of doubt, the pull-out resistance should be determined with a trial application.

LEGEND

BOLH Bolt sleeve
BOLS Bolt screw
BS Shelf thickness
BT Drilling depth

kp Kilopond
N Newton

CABINET SUSPENSION FITTING SH-25

Load capacity 200 kg

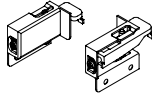


- Load capacity up to 200 kg per top cabinet in compliance with DIN 68840
- Made completely of steel
- Bearing arm closed
- Suitable for very heavy loads
- Surface: Nickel-plated or white powder coating
- Visible installation with low space requirements
- For steel rail suspension
- Screw fixing prevents accidental unscrewing

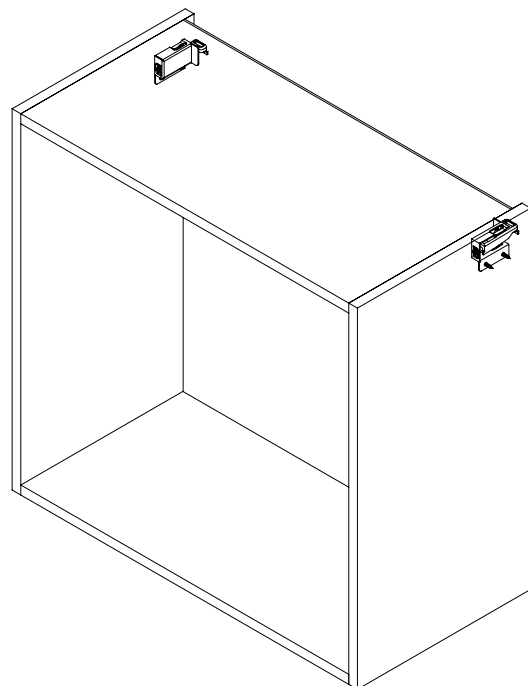
One set includes:

- Right-hand version (15x)
- Left-hand version (15x)

ORDER INFORMATION

Designation		White	Nickel-plated
Cabinet suspension fitting set SH-25 left/right		F155000003	F155000001

Fixing with chipboard screws only



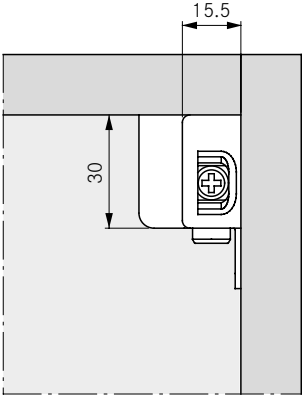
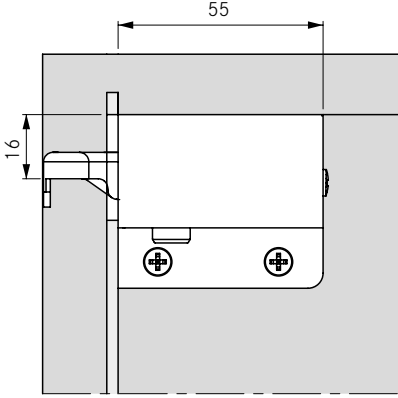
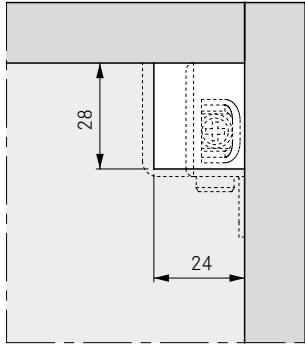
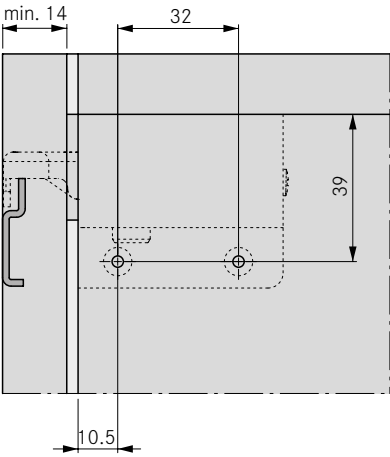
Tiomos	11
Nexis Impresso	125

Nexis Click-on	167
Nexis Slide-on	231

Special hinges	307
Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Required space in the cabinet	Required space on the side wall	Back panel cut-out
		
<p>Fixture with suspension rail</p>  <p>Suspension rail adjustment range:</p> <ul style="list-style-type: none"> • Downwards 9 mm • Upwards 7 mm • To the rear 7 mm • To the front 7 mm • To the left 9 mm • To the right 9 mm 		
<p>Fixing with chipboard screw $\varnothing 4 \times 16$</p>		

Tiomos

Nexis

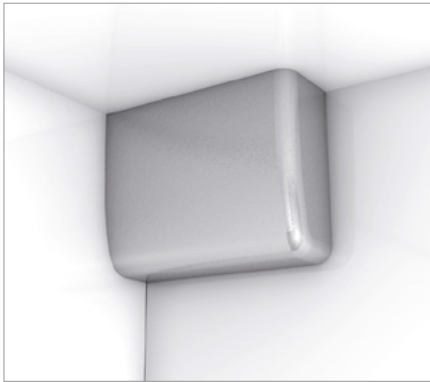
Special hinges

Single-joint hinges

Cabinet making accessories

CABINET SUSPENSION FITTING SH-40

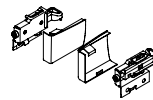
Load capacity 130 kg



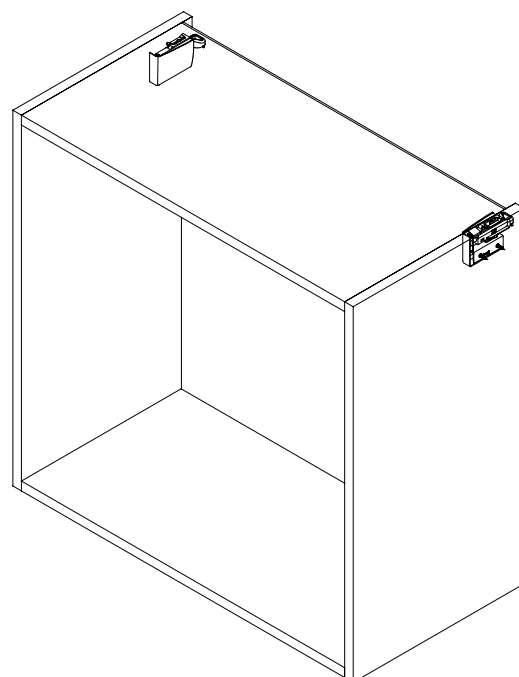
- Load capacity up to 130 kg per top cabinet in compliance with DIN 68840
 - Made completely of steel, anti-corrosion zinc coating
 - Suitable for very heavy loads
 - Visible installation with low space requirements
 - For steel rail, hook and wood rail suspension, with slip guard when suspended with hooks
 - Screw fixing prevents accidental unscrewing
 - Fast, exact adjustment with cross-recess screwdriver Pozidriv size 2
 - Automated installation possible
 - Cover caps in two colours
- One set includes:**
- Right-hand version (15x)
 - Left-hand version (15x)
 - Cover caps white or metallic silver (30x)

ORDER INFORMATION

Designation	Cover caps	
	White	Metallic silver
Cabinet suspension fitting set SH-40 left/right including cover caps	F155145202	F155145203



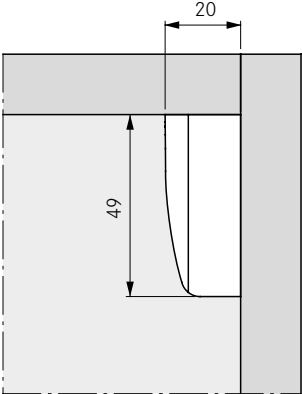
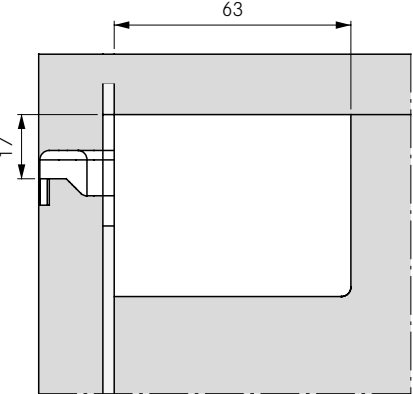
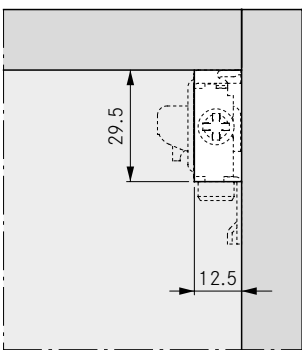
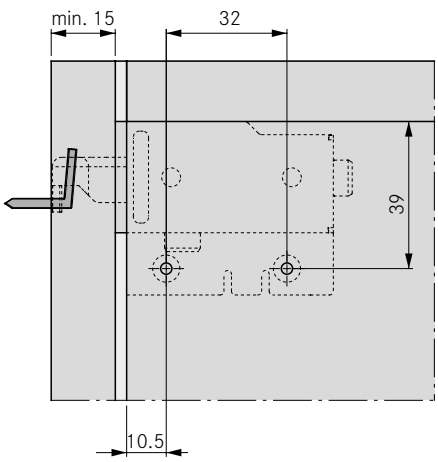
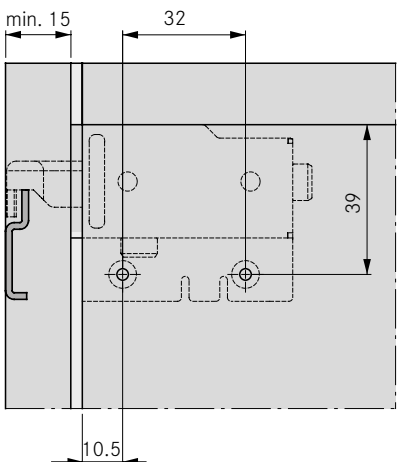

Fixture with chipboard screws only



Tiomos	11	Nexis Click-on	167	Special hinges	307
Nexis Impresso	125	Nexis Slide-on	231	Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Required space in the cabinet	Required space on the side wall	Back panel cut-out
		
Fixture with hooks	Fixture with suspension rail	Note
 <p>Hook adjustment range:</p> <ul style="list-style-type: none"> • Downwards 10 mm • Upwards 8 mm • To the rear 7 mm • To the front 7 mm • To the left 2.5¹ mm • To the right 2.5¹ mm <p>¹ with hooks Ø 5 mm</p>	 <p>Suspension rail adjustment range:</p> <ul style="list-style-type: none"> • Downwards 10 mm • Upwards 8 mm • To the rear 7 mm • To the front 7 mm • To the left 9 mm • To the right 9 mm 	<p>The cross-recess screwdriver can be positioned at an angle.</p> 
<p>Fixing with chipboard screw Ø 4 x 16</p>		

Timos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

CABINET SUSPENSION FITTING SH-62

Load capacity 130/184 kg – Straight bearing arm

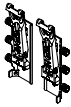
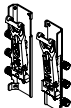


- SH6201: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
- SH6202: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
- Straight bearing arm
- Concealed installation independent of the top cabinet panel
- If SH-6202 is used, additional fixing on top panel possible
- Suitable for steel rails and wall hooks
- Load distribution on 3 mounting studs and chipboard screws
- Low space requirements of only 16 mm behind the back panel
- Automated installation possible
- Plastic assembly guide to ensure correct positioning of fitting
- Cover caps for back panel in two colours

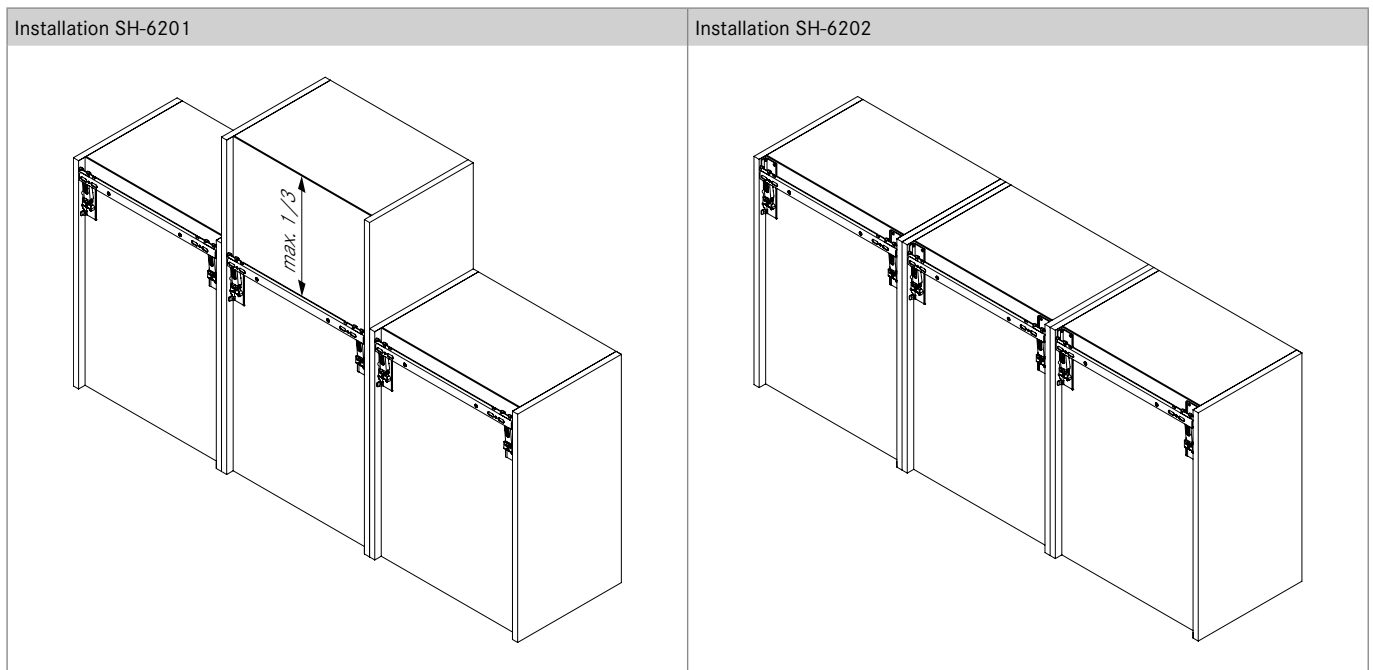
One set includes:

- Right-hand version (15x)
- Left-hand version (15x)
- Cover caps white or nickel-plated (60x)

ORDER INFORMATION

Designation	Cover caps	
	White	Nickel-plated
Cabinet suspension fitting set SH-6201 with short base plate, straight bearing arm, left/right including cover caps	 F155147979	F155147980
Cabinet suspension fitting set SH-6202 with long base plate for additional fixing on the top panel, straight bearing arm, left/right incl. cover caps, transport protection for suspension rail	 F155147985	F155147986

ASSEMBLY AND INSTALLATION INSTRUCTIONS



Tiomos	11
Nexis Impresso	125

Nexis Click-on	167
Nexis Slide-on	231

Special hinges	307
Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Space requirements for SH-6201		Fixing with hooks or suspension rail for SH-6201	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 9 mm	To the rear 9 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6202		Fixing with hooks or suspension rail for SH-6202	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 9 mm	To the rear 9 mm
		To the front 11 mm	To the front 11 mm

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

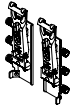
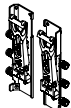
CABINET SUSPENSION FITTING SH-63

Load capacity 130/184 kg – Offset bearing arm

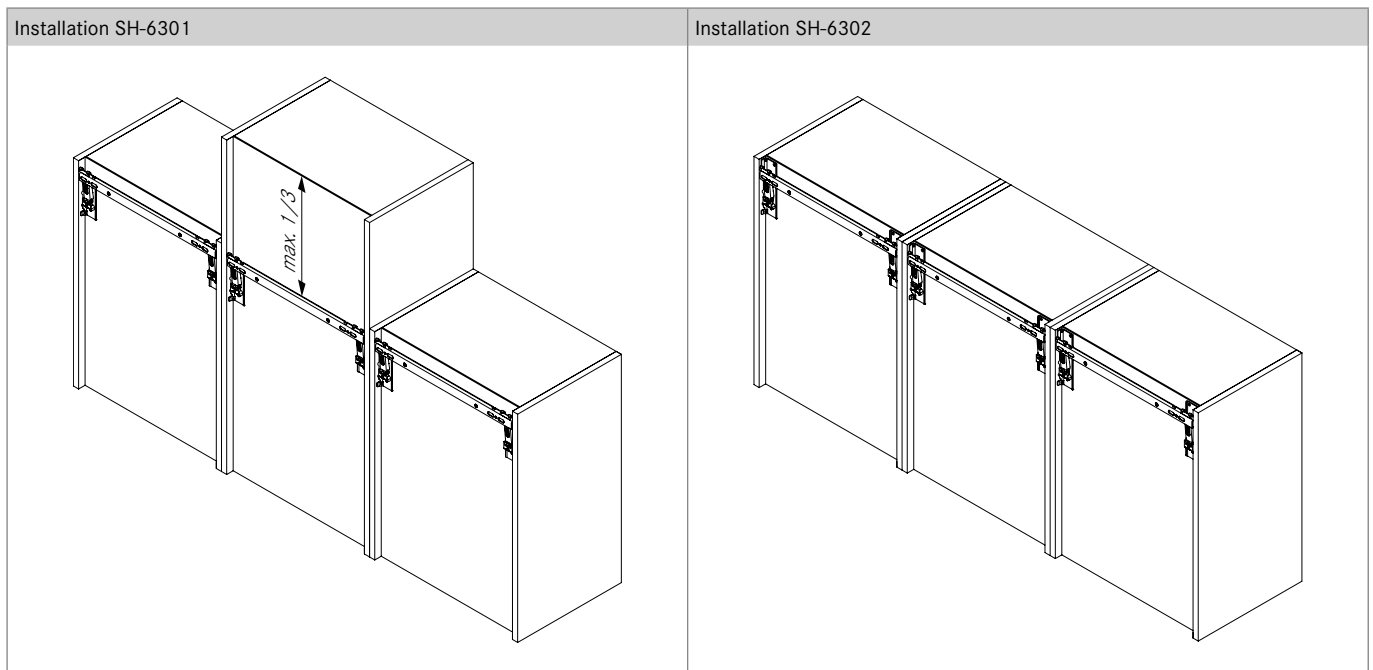


- SH6301: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
 - SH6302: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
 - Offset bearing arm – safe clamping with small spaces
 - Concealed installation independent of the top cabinet panel
 - If SH-6302 is used, additional fixing on top panel possible
 - Suitable for steel rails and wall hooks
 - Load distribution on 3 mounting studs and chipboard screws
 - Low space requirements of only 16 mm behind the back panel
 - Automated installation possible
 - Plastic assembly guide to ensure correct positioning of fitting
 - Cover caps for back panel in two colours
- One set includes:**
- Right-hand version (15x)
 - Left-hand version (15x)
 - Cover caps white or nickel-plated (60x)

ORDER INFORMATION

Designation		Cover caps	
		White	Nickel-plated
Cabinet suspension fitting set SH-6301 with short base plate, offset bearing arm, left/right including cover caps		F155145206	F155145207
Cabinet suspension fitting set SH-6302 with long base plate for additional fixing on the top panel, offset bearing arm, left/right incl. cover caps, transport protection for suspension rail		F155147983	F155147984

ASSEMBLY AND INSTALLATION INSTRUCTIONS



Tiomos	11
Nexis Impresso	125

Nexis Click-on	167
Nexis Slide-on	231

Special hinges	307
Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

Space requirements for SH-6301		Fixing with hooks or suspension rail for SH-6301	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6302		Fixing with hooks or suspension rail for SH-6302	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Tiomos

Nexis

Special hinges

Single-joint hinges

Cabinet making accessories

CABINET SUSPENSION FITTING SH-64

Load capacity 130/184 kg – Offset bearing arm incl. tool-free dislodgement protection



- SH6401: Load capacity up to 130 kg per top cabinet in compliance with DIN EN 15939
- SH6402: Load capacity up to 184 kg per top cabinet in compliance with DIN EN 15939
- Offset bearing arm
- Incl. tool-free dislodgement prevention
- Concealed installation independent of the top cabinet panel
- If SH-6402 is used, additional fixing on top panel possible
- Suitable for GRASS suspension rail and wall hook
- Load distribution on 3 mounting studs and chipboard screws
- Low space requirements of only 16 mm behind the back panel
- Automated installation possible
- Plastic assembly guide to ensure correct positioning of fitting
- Cover caps for back panel in two colours

One set includes:

- Right-hand version (15x)
- Left-hand version (15x)
- Cover caps white or nickel-plated (60x)

ORDER INFORMATION

Designation	Cover caps	
	White	Nickel-plated
Cabinet suspension fitting set SH-6401 with short base plate with dislodgement prevention, offset bearing arm, left/right incl. cover caps	F155147965	F155147966
Cabinet suspension fitting set SH-6402 with long base plate for additional fixing on the top panel with dislodgement prevention, offset bearing arm, left/right incl. cover caps, transport protection for suspension rail	F155147967	F155147968

ASSEMBLY AND INSTALLATION INSTRUCTIONS

<p>Installation SH-6401</p>	<p>Installation SH-6402</p>	
<p>Installation SH-64 with dislodgement prevention ¹</p>	<p>Hook-in adjustment</p>	<p>Depth adjustment with effective dislodgement prevention ¹</p>
<p>Before hanging: Put the bearing arm down completely</p>		

¹ When using the GRASS suspension rail

Tiomos	11	Nexis Click-on	167	Special hinges	307
Nexis Impresso	125	Nexis Slide-on	231	Cabinet making accessories	335

ASSEMBLY AND INSTALLATION INSTRUCTIONS

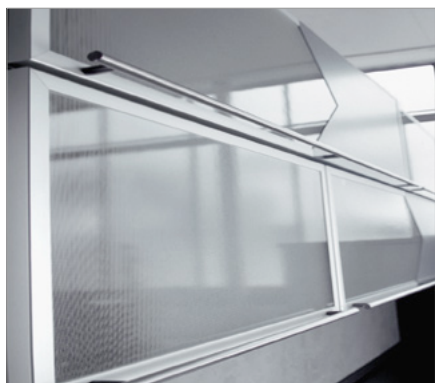
All dimensions in millimetres

Space requirements for SH-6401		Fixing with hooks or suspension rail for SH-6401	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

Space requirements for SH-6402		Fixing with hooks or suspension rail for SH-6402	
		Hook adjustment range	Suspension rail adjustment range
Height adjustment		± 7.5 mm	± 7.5 mm
Side adjustment		± 4 mm (with 6 mm hook width)	± 8 mm
Depth adjustment (with 16 mm space)		To the rear 4 mm	To the rear 4 mm
		To the front 11 mm	To the front 11 mm

SUSPENSION RAILS

For cabinet suspension fittings



- Safe wall fixing
- Surface zinc-coated
- Profile thickness 1.75 mm

One set includes:

- Suspension rail type 1 (10x)
- Suspension rail type 2 +3 (30x)

ORDER INFORMATION

	Length	Item No.
Suspension rail type 1, with round holes and slots for cabinet suspension fittings	2500	F155146852
Suspension rail type 2, with slip guard (embossing) for concealed cabinet suspension fittings SH-62, SH-63, SH-64	125	F155145208
Suspension rail type 3, with slip guard for visible cabinet suspension fitting SH-25 and SH-40	58	F155145209

For fixing use screw with a 13 mm head (5.5 x 60) as well as a suitable masonry dowel.
Fixing lengths upon request.

Cabinet suspension fitting SH-25	342
Cabinet suspension fitting SH-40	344

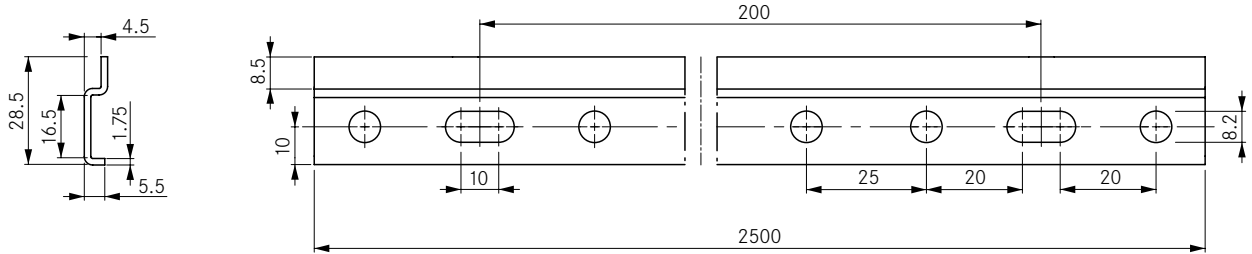
Cabinet suspension fitting SH-62	346
Cabinet suspension fitting SH-63	348

Cabinet suspension fitting SH-64	350
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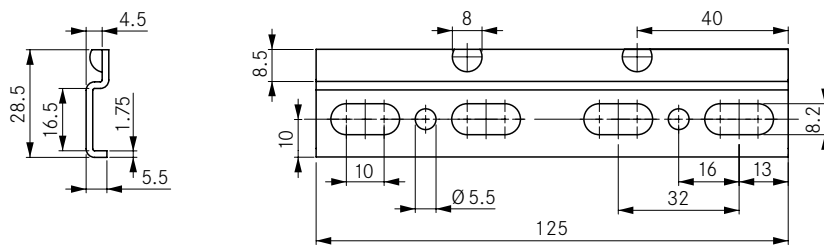
ASSEMBLY AND INSTALLATION INSTRUCTIONS

All dimensions in millimetres

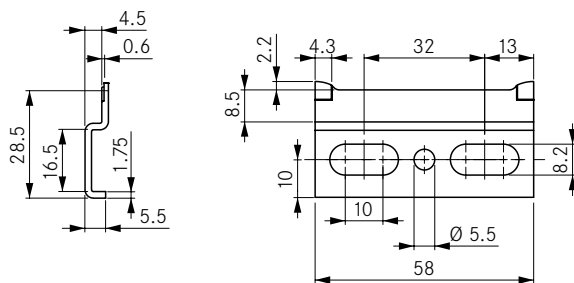
Suspension rail type 1



Suspension rail type 2



Suspension rail type 3



Timos

Nexis

Special
hinges

Single-joint
hinges

Cabinet making
accessories

TECMATOR RM

Ideal for cabinet makers



- Robust and practical construction
- Quick assembly
- 3 spindle drilling head for hinge holes

Standard specification

- 3 spindle drilling head
- 1 tool set
- 1 combined stop and ruler, 600 mm
- 2 pivoting stops with clamping lever
- 1 work plate

Pivoting lever, insertion die and drill bits are not included in the standard equipment. Please order separately.

ORDER INFORMATION

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 45/9.5	1 x 230 V	50 Hz	F146135852
Tecmator RM, 3 spindle, 45/9.5	1 x 110 V	60 Hz	F146135851


Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 48/9	1 x 230 V	50 Hz	F146135854
Tecmator RM, 3 spindle, 48/9	1 x 110 V	60 Hz	F146135853

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 42/11	1 x 230 V	50 Hz	F146135856
Tecmator RM, 3 spindle, 42/11	1 x 110 V	60 Hz	F146135855






Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 52/5.5	1 x 230 V	50 Hz	F146135858
Tecmator RM, 3 spindle, 52/5.5	1 x 110 V	60 Hz	F146135857

Designation	Voltage	Frequency	Item No.
Tecmator RM, 3 spindle, 48/6	1 x 230 V	50 Hz	F146135860
Tecmator RM, 3 spindle, 48/6	1 x 110 V	60 Hz	F146135859

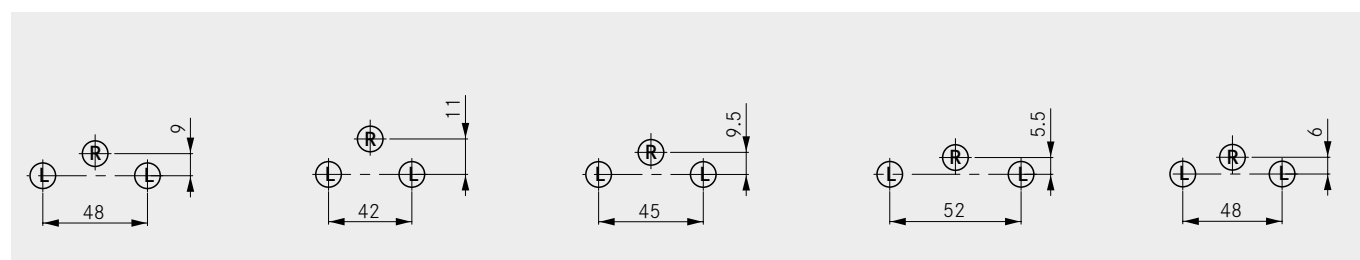
DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
	50	2.7	F146135822	F146135823
	57	5	F146135824	F146135825
		8	F146135826	F146135827
		10	F146135828	F146135829
		35	-	F146135830

ACCESSORIES

	Description	Item No.
	Pivoting lever for insertion die	F146135861
	Universal insertion die for Nexis and Tiomos 110° and 160° hinges (other dies upon request)	F146135821
	Side stop left or right	F146135810
	Extension ruler, 800 mm left	F146135831
	Extension ruler, 800 mm right	F146135832
	Quick-release chuck, left	F146135835
	Quick-release chuck, right	F146135836

DRILLING TEMPLATE



TECMATOR RP

Ideal for cabinet makers, shop fitters and small series manufacturers



- Robust and practical construction
- Easy and trouble-free swapping of the spindle head
- Certified, type-approved design
- Pneumatic two-hand control for fast, safe working
- 6 spindle drilling head for drilling hinge, mounting plate and fixtures and fittings holes
- Useful special accessories offer enhanced machining options for furniture parts

Standard specification

- 6 spindle drilling head including drill bit
- 1 insertion die for Nexis and Tiomos hinges
- 1 tool set
- 1 combined stop and ruler, 600 mm
- 2 pivoting stops with clamping lever
- 1 work plate

ORDER INFORMATION

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 45/9.5	1 x 230 V	50 Hz	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

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 48/9	1 x 230 V	50 Hz	F146135814
Tecmator RP, 6 spindle, 48/9	1 x 110 V	60 Hz	F146135812
Tecmator RP, 6 spindle, 48/9	1 x 220 V	60 Hz	F146135813
Tecmator RP, 6 spindle, 48/9	3 x 380 V	50 Hz	F146135815

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 42/11	1 x 230 V	50 Hz	F146135833
Tecmator RP, 6 spindle, 42/11	1 x 110 V	60 Hz	F146135831
Tecmator RP, 6 spindle, 42/11	1 x 220 V	60 Hz	F146135832
Tecmator RP, 6 spindle, 42/11	3 x 380 V	50 Hz	F146135834

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 52/5.5	1 x 230 V	50 Hz	F146135844
Tecmator RP, 6 spindle, 52/5.5	1 x 110 V	60 Hz	F146135842
Tecmator RP, 6 spindle, 52/5.5	1 x 220 V	60 Hz	F146135843
Tecmator RP, 6 spindle, 52/5.5	3 x 380 V	50 Hz	F146135845

Designation	Voltage	Frequency	Item No.
Tecmator RP, 6 spindle, 48/6	1 x 230 V	50 Hz	F146135848
Tecmator RP, 6 spindle, 48/6	1 x 110 V	60 Hz	F146135846
Tecmator RP, 6 spindle, 48/6	1 x 220 V	60 Hz	F146135847
Tecmator RP, 6 spindle, 48/6	3 x 380 V	50 Hz	F146135849

TECHNICAL DATA

Connections	
Electrical	1.5 KW
Pneumatic	6 bar 3000 N
Dust extraction	2 x Ø 100 mm

Dimensions	
Width	0.80 m
Depth	0.60 m
Height	0.78 m
Work table	0.60 m x 0.40 m

Weight	
	65 kg

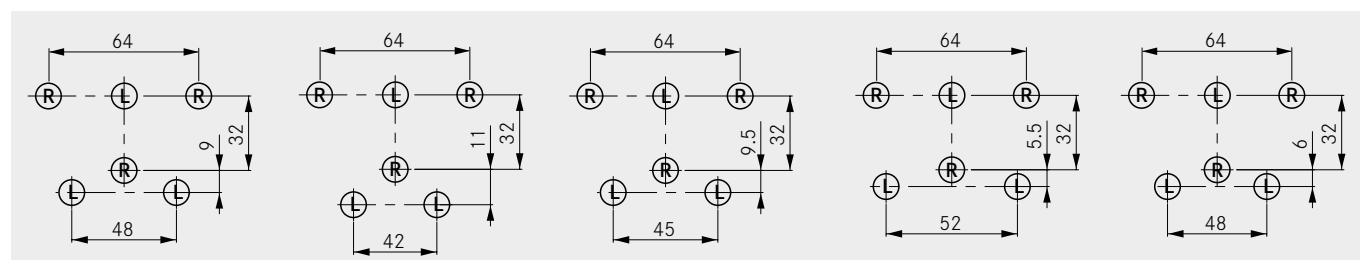
DRILL BITS WITH SHANK Ø 10

	Length of drill bit	Ø of drill bit	Left (red)	Right (black)
	50	2.7	F146135822	F146135823
	57	5	F146135824	F146135825
		8	F146135826	F146135827
		10	F146135828	F146135829
		35	-	F146135830

ACCESSORIES

	Description	Item No.
	7 spindle vertical drilling gear with integrated rig pins for drilling hole series in the 32 mm system (drill bits not supplied)	F146135811
	Side stop left or right	F146135810
	Extension ruler, 800 mm left	F146135831
	Extension ruler, 800 mm right	F146135832
	Universal insertion die for Nexis and Tiomos 110° and 160° hinges (other dies upon request)	F146135821
	Quick-release chuck, left	F146135835
	Quick-release chuck, right	F146135836

DRILLING TEMPLATE



ADVANTAGES

Optimal holding thanks to pneumatic hold-down block



Pneumatic two-hand control for fast, safe working



6 spindle drilling head for drilling holes for hinges, mounting plates and fixtures and fittings



HINGE SYSTEMS

Assembly aids

HINGE DRILLING JIG JIG 500



Drilling jig for Nexis and Tiomos hinges with wood screw fastening, pre-assembled dowels or Impresso hinges and for cross mounting plates.

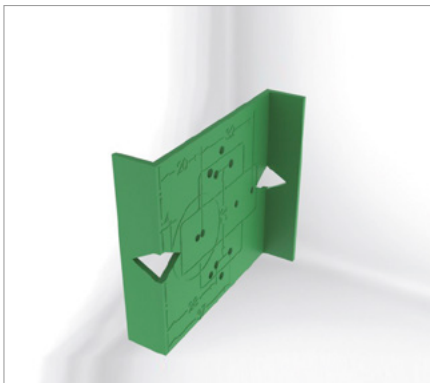
1 set includes:

- Drilling jig (1x)
- Template for cross mounting plates (1x)
- Drilling machine bit (1x)
- Drill bit Ø 35 mm (1x)
- Drill bits Ø 8 mm (2x)



Drilling pattern	Item No.
45/9.5	F146135776
48/9	F146078184
42/11	F146135792
52/5.5	F146135791
48/6	F146135793

MARKING JIG



Easy marking and pre-drilling for hinges, mini-hinges, cross and linear mounting plates.

Nexis drilling pattern	Item No.
48/9	F069073384

Tiomos drilling pattern	Item No.
45/9.5	F146135787
48/9	F146135786
42/11	F146135789
52/5.5	F146135788
48/6	F146135790

TIOMOS COMFORT MARKING GAUGE



- Easy to use
- Cup distance 3 – 5 mm
- Hinge cup positioning
- Linear mounting plate positioning
- Cross mounting plate positioning

	Item No.
	F146135865

PUNCHING TOOL FOR NEXIS SOFT-CLOSE



Place punching tool on the inserted Soft-close Impresso adapter and punch the adapter into place.

	Item No.
	F146095590

Tiomos hinge system	11
Nexis hinge system	123

Soft-close Impresso	282
Drilling and insertion machines	354

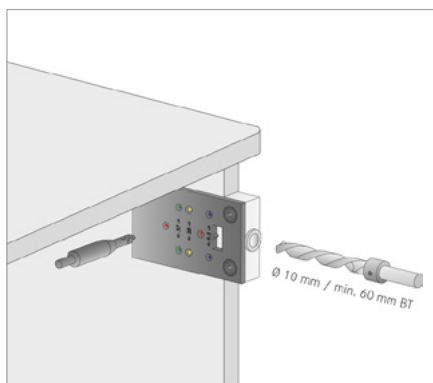
PUNCHING TOOL FOR TIOMOS



Punching tool for Tiomos linear mounting plates with dowel fixing.

Mounting plate height	Item No.
0/2/3/3.5	F146135774
12	F146135775

DRILLING JIG FOR SOFT-CLOSE PIN



Application

You can use the Soft-close Pin drilling jig for all adapter plate and drill-in damper versions.

	Item No.
Drilling jig (without bits)	F146095470
Drill bit Ø 10 mm with stop ring	F146038823

DRILL BIT Ø 5 MM WITH STOP RING



Use for pre-drilling holes for Euro screws.

- Ø 5 mm
- with stop ring
- Length 75 mm

	Item No.
	F146092594

PILOT DRILL BIT



Use for pre-drilling countersunk chipboard screws Ø 3.5 mm.

	Item No.
Pilot drill bit	F146035692
Spare drill bit Ø 2.7	F146090561

Tiomos hinge system	11
Nexis hinge system	123

Soft-close Pin	290
Drilling and insertion machines	354

HINGE SYSTEMS

Assembly aids

SCREWDRIVER



GRASS cross head screwdriver
(Pozidriv No. 2)

	Item No.
	F147010256

Tiomos hinge system	11
Nexis hinge system	123

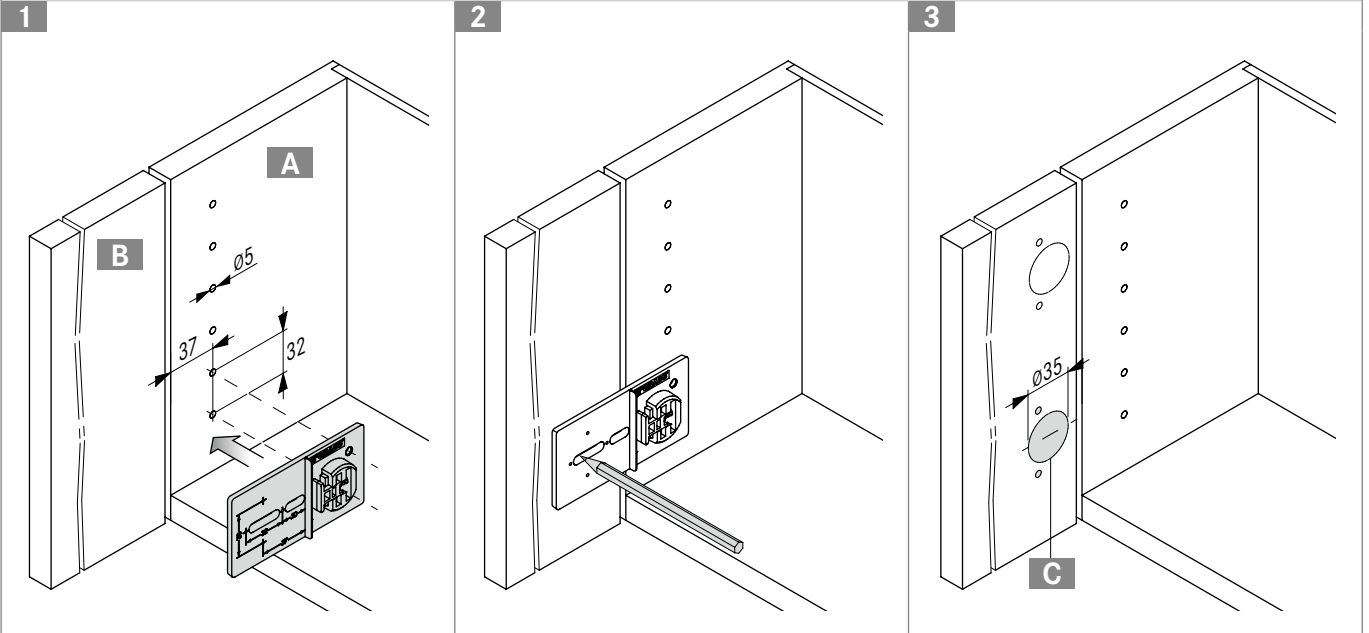
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ASSEMBLY INSTRUCTIONS

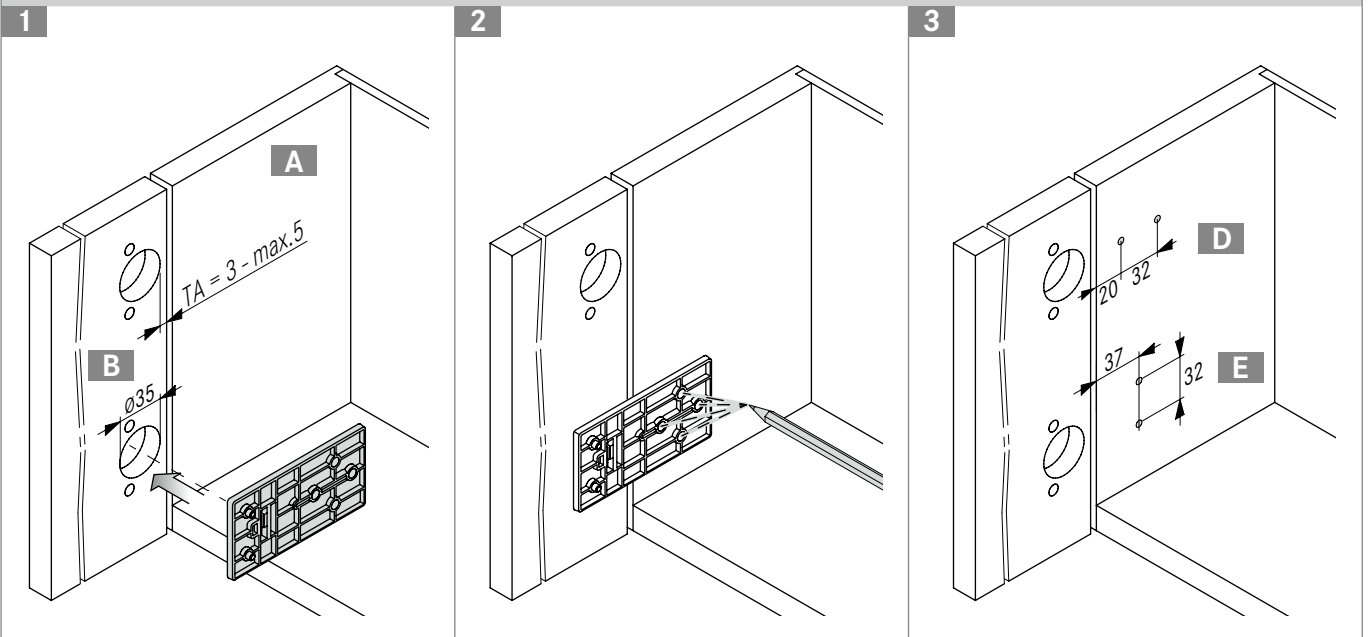
All dimensions in millimetres

Timos comfort marking gauge

Use with existing hole spacing 37



Use with existing cup hole



LEGEND

A	Cabinet side
B	Door
C	Cup hole
D	Linear mounting plate

E	Cross mounting plate
TA	Cup distance

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205	6
207	10
210	15
211	20
213	25
217	50
223	100
225	125
228	150
233	200
236	250
240	500
247	1000
253	2500
256	5000
299	1
401	1
501	1
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517.206.64.9915	F069073460240	500	337
517.206.65.9915	F069073461247	1000	337
517.206.73.9915	F069073463240	500	337
517.206.87.9915	F069073464240	500	337

52

525.090.04.0362	F069073764240	500	154
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62

621.300.20.5017	F069073731217	50	88
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63

630.000.03.0750	F146073835253	2500	339
630.000.03.1050	F146073836256	5000	339
63309-40	F069073696213	25	290
63310-40	F069063310213	25	290
63311-40	F069073697213	25	290

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641.000.10.9862	F069135032547	1000	130

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70

705.391.61.9715	F072135309256	5000	112
705.393.61.9715	F072135768256	5000	100
706.320.30.9711	F069073405240	500	30
707.333.51.9815	F146073976256	5000	14
707.363.51.9915	F069135026223	100	112

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711.331.61.9715	F146073979256	5000	160
711.362.61.9715	F069135297256	5000	112

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729.700.00.0700	F069073733205	6	212
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83050-42	F145083050123	100	340
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85142-42	F071085142123	100	340
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90561	F146090561299	1	359
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924.012.50.0142	F069073701523	100	282
924.075.00.0075	F069135060223	100	294
924.200.38.0215	F069073711217	50	212
924.200.40.0115	F069073714525	125	170
924.200.40.0215	F069073715225	125	284
924.200.46.1115	F069073729225	125	134
924.200.55.0115	F069073728525	125	128
924.200.55.0215	F069073726225	125	282
924.275.38.0015	F069135304223	100	300
924.275.40.0015	F069073751223	100	296
924.275.46.0015	F069135017223	100	298
924.275.55.0015	F069135013223	100	294
92594	F146092594501	1	359

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949.304.05.0000	F146078184201	1	358
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95

95470	F146095470299	1	291
95590	F146095590299	1	358

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B4050005125	F150145234147	1000	320
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B5

B5070054125	F150145235147	1000	320
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M8221281125	F150000016217	50	326
M8990001025	F150000019217	50	320

LEGEND

PU code	Quantity (units, pair, set)
113	25
123	100
147	1000
201	1
202	2
205	6
207	10
210	15
211	20
213	25
217	50
223	100
225	125
228	150
233	200
236	250
240	500
247	1000
253	2500
256	5000
299	1
401	1
501	1
504	5
513	25
514	30
517	50
523	100
525	125
536	250
540	500
547	1000
551	2000
807	10



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