



Concealed Hinges

2025

Important Information

Technical information

Our catalog strives for information accuracy, but as our products are continually updated, we recommend verifying the latest specifications before placing an order. We retain the right to make unannounced changes due to ongoing product improvements.

User responsibility

Users are responsible for ensuring that our hardware suits their intended purpose. We suggest conducting appropriate tests and reaching out to our technical representatives for assessment.

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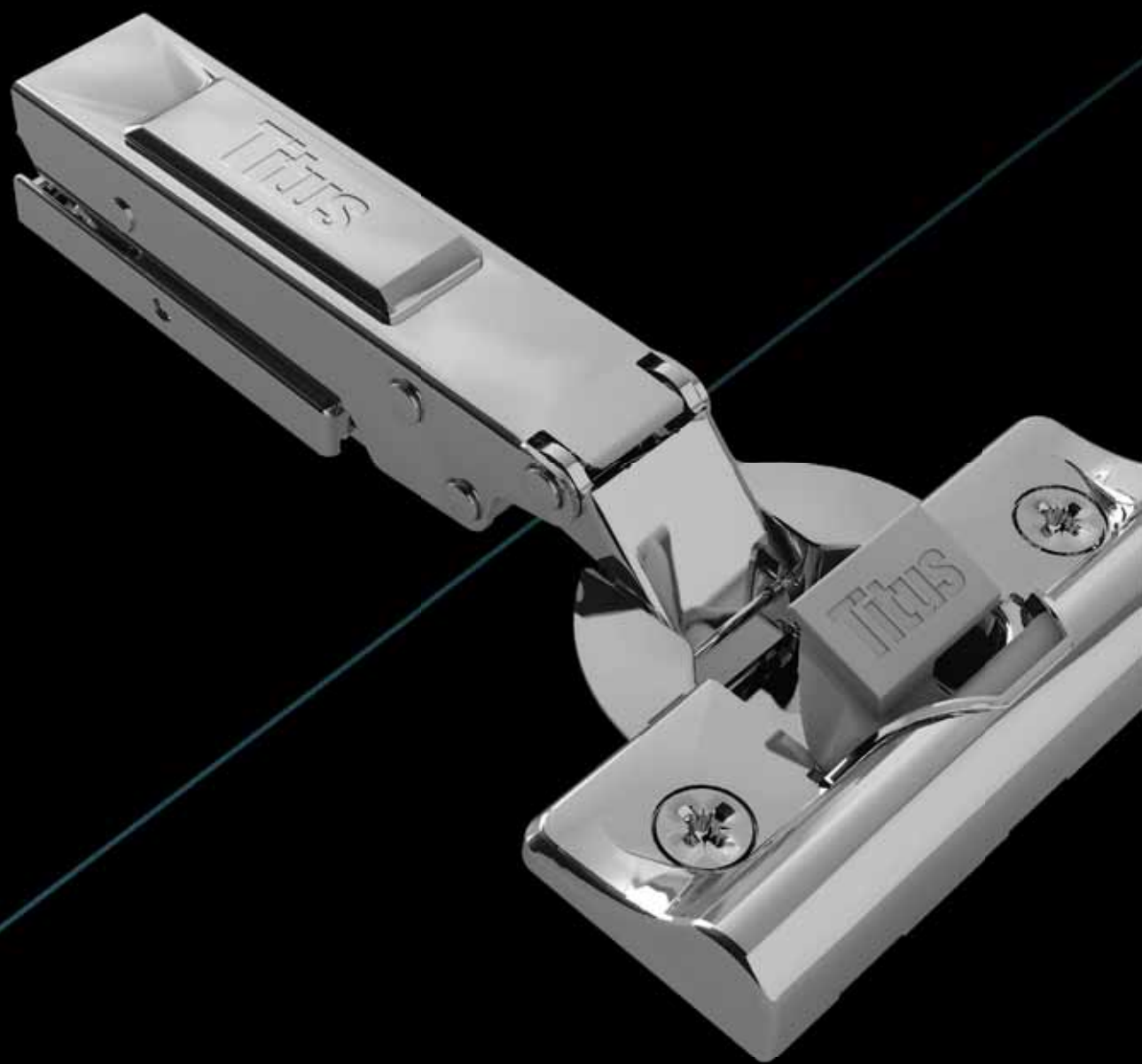
Non-preferred articles

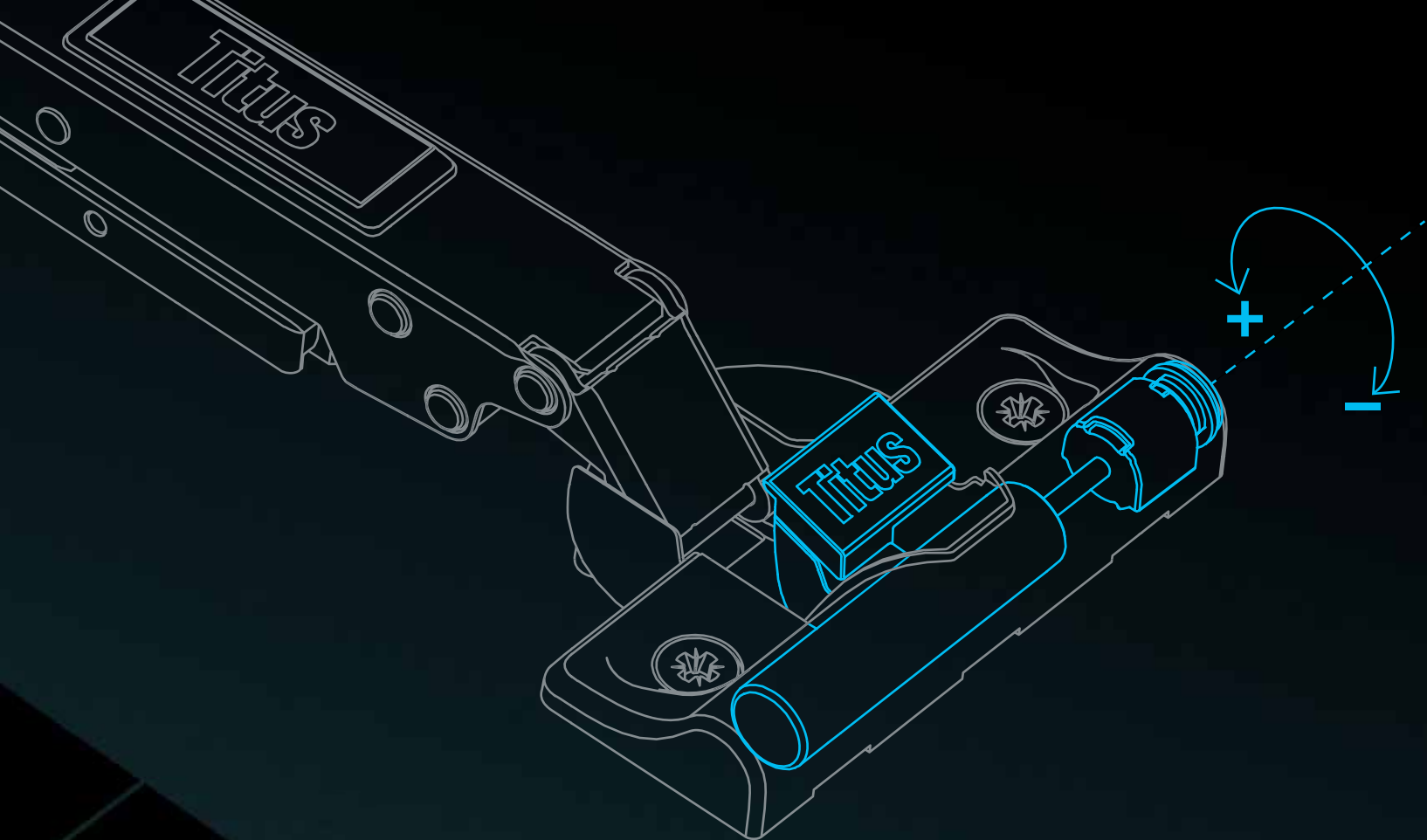
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Concealed Hinges





ConfidentClose

The hinge is designed to provide consumer preferred way of soft closing action.

- Fast closing
- Late start of deceleration action
- Quiet landing with SoftTouch

Based on independent consumer researches.

One-for-All

- Damping on the hinge cup
- Damper, positioned transversal to the hinge allows for easy introduction of various hinge versions
- Damped and non-damped version on one mounting plate platform

Adjustable Damping

Flexibility to tune performance to wide range of applications

- Consistent performance over a wide range of doors of different sizes and weights
- Easy accessible button for intuitive and quick adjustment

Titus Damper Inside

- Efficient damping at any closing speed
- Reliable closing
- Damping force consistency

Concealed Hinges

A Comprehensive Range

T-type hinge



Titus hinge for quick furniture assembly and consistent performance on wide range of doors

- 3Way snap-on mounting
- Highly tolerant
- Adjustable damping
- Shallow hinge cup
- Touch opening for handleless furniture

S-type hinge



Simple and quick snap-on mounting system

- Easy assembly and disassembly
- ConfidentClose
- Touch opening for handleless furniture

B-type hinge



Reliable slide-on mounting system

- ConfidentClose
- Reliable door closing

Opening angle	Door thickness	Cranking	Door tab K	Mounting mode	Mounting plate type	Mounting plate height	Soft closing options	Page
95° 110° 120° 170°	15-34mm 15-26mm	0mm 5mm 9mm 17mm angled	3-9mm 3-6mm	'3Way' snap-on	cruciform linear for face frame	0mm 1mm 2mm 3mm 4mm 9mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.27
110° 170°	16-24mm	0mm 9mm 15mm angled	3-5mm 3-12mm	snap-on	cruciform for face frame	0mm 1mm 2mm 3mm 6mm 9mm 18mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.89
110° 170°	16-24mm	0mm 9mm 15mm angled	3-5mm 3-12mm	slide-on	cruciform	0mm 1mm 2mm 3mm 4mm 5mm 6mm 9mm 18mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.137

Concealed Hinges

Product Guide

	Cranking	Opening angle	Cup type	Page
T-type				
T-type-i 110	0mm	110°	for wood door	2.29
	5mm	110°	for wood door	2.29
	9mm	110°	for wood door	2.31
	17mm	110°	for wood door	2.31
T-type-i 110/15°	15°, 9mm	110°	for wood door	2.33
T-type-i 110/30°	30°, 9mm	110°	for wood door	2.35
T-type-i 110/45°	45°, 9mm	110°	for wood door	2.37
	45°, 17mm	110°	for wood door	2.39
	45°, 23 mm	110°	for wood door	2.41
T-type-i 110/90° for blind corner	90°, 17mm	110°	for wood door	2.43
T-type-i 120	0mm	120°	for wood door	2.45
T-type-i 95	0mm	95°	for wood door	2.47
	5mm	95°	for wood door	2.47
	9mm	95°	for wood door	2.49
	17mm	95°	for wood door	2.49
T-type-i 170	0mm	170°	for wood door	2.51
	5mm	170°	for wood door	2.53
	9mm	170°	for wood door	2.53
T-type 110	0mm	110°	for wood door	2.55
	5mm	110°	for wood door	2.55
	9mm	110°	for wood door	2.57
	17mm	110°	for wood door	2.57
T-type 110/15°	15°, 9mm	110°	for wood door	2.59
T-type 110/30°	30°, 9mm	110°	for wood door	2.61
T-type 110/45°	45°, 9mm	110°	for wood door	2.63
	45°, 17mm	110°	for wood door	2.65

	Cranking	Opening angle	Cup type	Page
T-type				
T-type 110/90° for blind corner	90°, 17mm	110°	for wood door	2.67
T-type 120	0mm	120°	for wood door	2.69
T-type 95	0mm	95°	for wood door	2.71
	5mm	95°	for wood door	2.71
	9mm	95°	for wood door	2.73
	17mm	95°	for wood door	2.73
T-type 110 Unsprung Hinge	0mm	110°	for wood door	2.75
	5mm	110°	for wood door	2.75
	9mm	110°	for wood door	2.77
T-type 170	0mm	170°	for wood door	2.79
	5mm	170°	for wood door	2.81
	9mm	170°	for wood door	2.81
T-type for pie-cut corner cabinet			for wood door	2.83
T-type mounting plates				2.85

	Cranking	Opening angle	Cup type	Page
S-type				
S-type-i3 110	0mm	110°	for wood door	2.91
	9mm	110°	for wood door	2.91
	15mm	110°	for wood door	2.91
S-type-i3 110/15°	15°, 9mm	110°	for wood door	2.93
S-type-i3 110/24°	24°, 9mm	110°	for wood door	2.95
S-type-i3 110/30°	30°, 9mm	110°	for wood door	2.97
S-type-i3 110/45°	45°, 9mm	110°	for wood door	2.99
	45°, 18mm	110°	for wood door	2.101
S-type-i3 110/90°	90°, 18mm	110°	for wood door	2.103
S-type 110	0mm	110°	for wood door	2.105
	9mm	110°	for wood door	2.105
	15mm	110°	for wood door	2.105
S-type 110/-15°	-15°, 9mm	110°	for wood door	2.107
S-type 110/15°	15°, 9mm	110°	for wood door	2.109
S-type 110/24°	24°, 9mm	110°	for wood door	2.111
S-type 110/30°	30°, 9mm	110°	for wood door	2.113
S-type 110/45°	45°, 9mm	110°	for wood door	2.115
	45°, 18mm	110°	for wood door	2.117
S-type 110/90°	90°, 18mm	110°	for wood door	2.119
S-type 110 AL	0mm	110°	for aluminium frame door	2.121
	9mm	110°	for aluminium frame door	2.121
	15mm	110°	for aluminium frame door	2.121
S-type 110 PushOpen Hinge	0mm	110°	for wood door	2.123

	Cranking	Opening angle	Cup type	Page
S-type				
S-type 170	0mm	170°	for wood door	2.125
	9mm	170°	for wood door	2.127
S-type for pie-cut corner cabinet			for wood door	2.129
S-type mounting plates				2.131

	Cranking	Opening angle	Cup type	Page
B-type				
B-type-i3 110	0mm	110°	for wood door	2.139
	9mm	110°	for wood door	2.139
	15mm	110°	for wood door	2.139
B-type-i3 110/30°	30°, 9mm	110°	for wood door	2.141
B-type-i3 110/45°	45°, 9mm	110°	for wood door	2.143
	45°, 18mm	110°	for wood door	2.145
B-type-i3 95°/90°	90°, 18mm	95°	for wood door	2.147
B-type 110	0mm	110°	for wood door	2.149
	9mm	110°	for wood door	2.149
	15mm	110°	for wood door	2.149
B-type 110/30°	30°, 9mm	95°	for wood door	2.151
B-type 110/45°	45°, 9mm	110°	for wood door	2.153
	45°, 18mm	110°	for wood door	2.155
B-type 110°/90°	90°, 0mm	110°	for wood door	2.157
	90°, 18mm	95°	for wood door	2.157
B-type 110 AL	0mm	110°	for aluminium frame door	2.159
	9mm	110°	for aluminium frame door	2.159
	15mm	110°	for aluminium frame door	2.159
B-type 110 AL (Glissando AL ready)	0mm	110°	for aluminium frame door	2.161
	9mm	110°	for aluminium frame door	2.161
	15mm	110°	for aluminium frame door	2.161
B-type 170	0mm	170°	for wood door	2.163
	9mm	170°	for wood door	2.165
B-type for pie-cut corner cabinet			for wood door	2.167
B-type flap door hinge	0mm	90°	for wood door	2.169
B-type mounting plates				2.171

	Opening angle	Cup type	Page
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Other Hinges

Wide angle hinge and mounting plate	270°	for wood door	2.175
Refrigerator cabinet door hinge	100°	for wood door	2.177

Accessories

Hinge Angle Restrictor	2.179
Cover caps	2.181

Glissando Soft Closing Systems for Hinges

Glissando TL3	2.193
Glissando TT	2.193
Glissando TL 170	2.195
Glissando AL	2.197
Glissando CR	2.199

PushOpen Solutions

Push Latch S2	2.203
Push Latch	2.205
PushOpen Short	2.207
PushOpen Long	2.209

Concealed Hinges

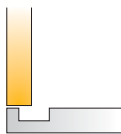
Door Overlay

How to Achieve the Desired Door Overlay?

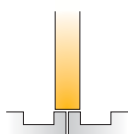
By choosing the hinge of appropriate cranking

Concealed hinges with specific hinge arms are available for different door overlays. The most common overlays are:

■ Cabinet side
■ Door



- 1. Full overlay**
Use a hinge with 0mm cranking



- 2. Partial overlay for double doors**
Use a hinge with 5mm or 9mm cranking

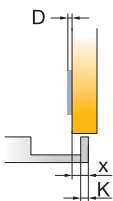


- 3. Inset door**
Use a hinge with 15mm or 17mm cranking

By choosing the mounting plates of appropriate thickness

To achieve the desired overlay (x) while using a determined drilling distance (K), a mounting plate of appropriate

thickness (D) must be chosen from the enclosed table or calculated with given formula.

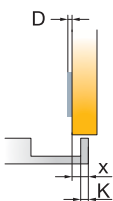


x	4	5	6	7	8	9
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0

$D=4+K-x$

By choosing the appropriate drilling distance K

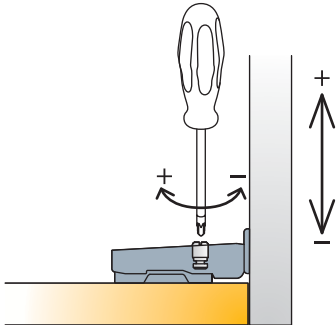
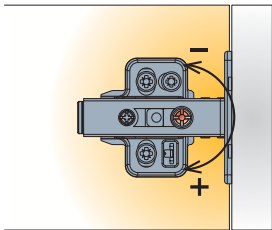
To achieve the desired door overlay (x) while using a determined mounting plate thickness (D), an appropriate drilling distance K must be chosen.



x	4	5	6	7	8	9
0				3	4	5
1			3	4	5	
D 2				5		
3	3	4	5			

Through side adjustment

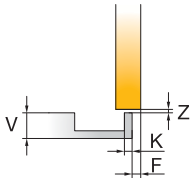
Side adjustment is made by rotating the appropriate screw on the hinge arm.



Door clearance and gap

Door clearance ($F \geq F_{min}$) and gap (Z) represent the minimal necessary space needed for the correct opening and closing of the door. The minimal required values depend on the cup drilling distance (K), door thickness (V)

and the type of hinge. The minimum clearance scale can be found on product pages → see Door clearance chart. When using hinges with partial overlay the door clearance must be twice as large ($F \geq 2F_{min}$).



V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap $Z_{min}=0$

Concealed Hinges

Hinge Cup Types

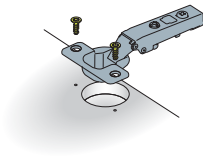
How to Mount the Hinge on the Door?

There are cup type symbols listed on product pages beside item numbers. Below you can find their explanation.

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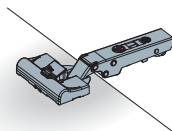
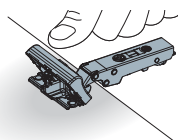
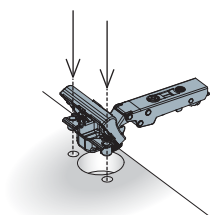
No pre-mounting

The hinge is fixed on the door with two screws.
3mm pilot holes recommended.



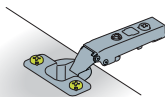
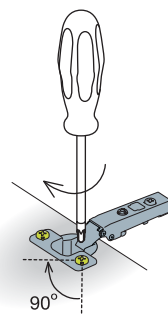
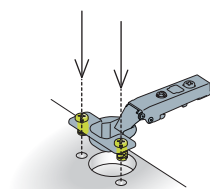
PressTo tool-less mounting

The hinge is inserted into cup hole and locked in place without tools



EasyFix

Quarter turn fixing for 8mm holes (interaxis 45/9.5) or 10mm holes (interaxis 48/6 and 52/5.5).

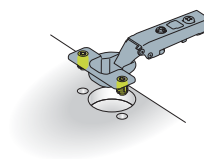


How to Mount the Hinge on the Door?



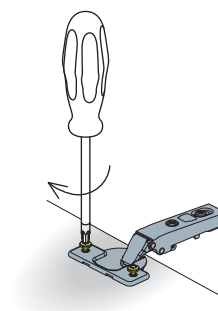
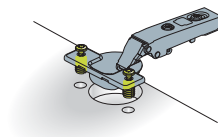
Machine insertion ready hinge cup

Pre-mounted dowels suitable for machine insertion into 8mm holes (interaxis 45/9.5) or 10mm holes (interaxis 48/6 and 52/5.5)



FastFix

Pre-mounted expanding dowels with triple-start screw for fast fixing, suitable for 8mm holes.



Concealed Hinges

Drilling Details

Drilling Patterns for Hinge Cup

Interaxis
45mm, 48mm and 52mm*

· T-type, S-type, B-type

**Available on special request → see page 1.3*

		Interaxis 45mm	Interaxis 48mm
Hinge cup type		Drilling pattern	Drilling pattern
Screw-on ready	Pre-mounted Ø4.5mm screws		
Machine insertion ready	FastFix EasyFix		
Pre-mounted euro screws			
Tool-less mounting	PressTo		

Interaxis is the distance between
two holes center for fixing screws on the hinge cup.

Concealed Hinges

Mounting Plate Type

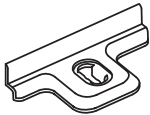
How to Fix the Mounting Plate on the Cabinet Side?

There are mounting plate type symbols listed on product pages beside item numbers. Below you can find their explanation.



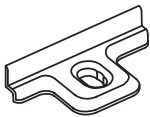
Chipboard screw-on ready

Mounting plate is fixed with two chipboard screws or equivalent. 3mm pilot holes recommended.



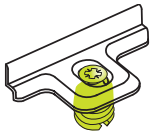
Euro screw ready

Fixing with 6.3mm euro screws into pre-drilled 5mm holes. To choose appropriate head and length for use with this mounting plate is recommended.



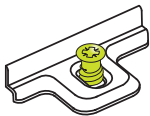
Machine insertion ready

Pre-mounted dowels for machine insertion into pre-drilled 10mm holes.



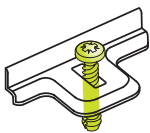
Pre-mounted euro screws

Euro screws for 5mm holes are pre-mounted on the mounting plate. Available lengths: 11mm, 13mm and 15mm



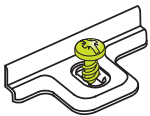
Pre-mounted expanding dowels

Pre-mounted expanding dowels for 5mm holes. Available lengths: 7.5mm and 10.5mm



Pre-mounted Ø4.5mm screws

Mounting plate is fixed with two pre-mounted chipboard screws. 3mm pilot holes recommended.



Concealed Hinges

Hinge-to-plate Mounting

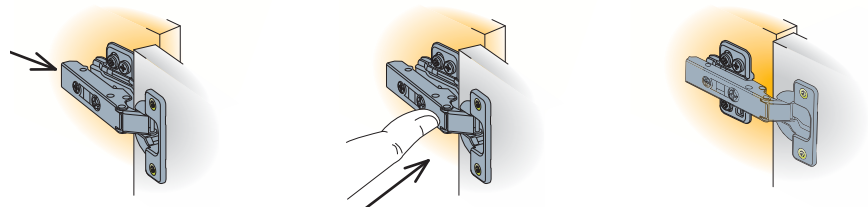
How to Assemble the Hinge and the Mounting Plate?

T-type 3Way snap-on

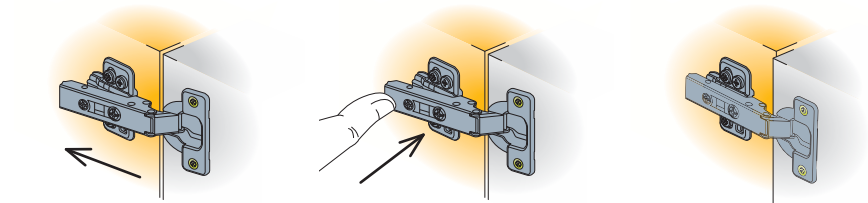
3Way snap-on mounting for intuitive hinge-to-plate assembly in three directions:

- from the hinge arm front
- from the hinge arm rear
- from the top

rear assembly



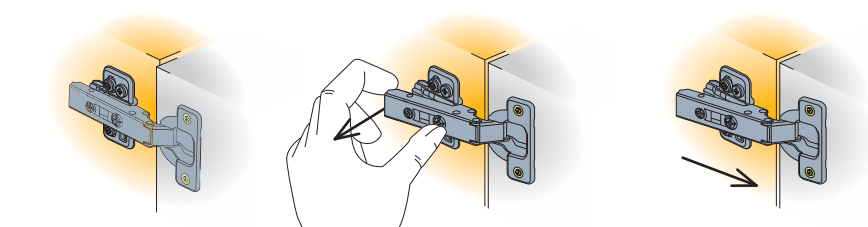
front assembly



top assembly



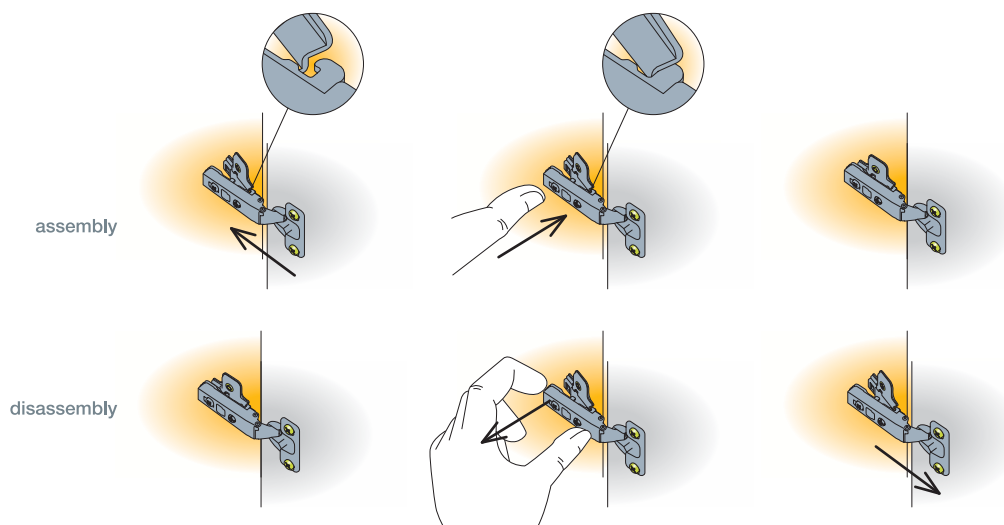
disassembly:
for disassembly press rear
lever on the hinge arm.



S-type snap-on

Door is assembled on the cabinet side simply by positioning the two hooks under the hinge arm on the outer part of the mounting plate and pressing gently on the rear part of the hinge arm.

For disassembly press the rear button on the hinge arm.



B-type slide-on

Hinge is assembled by sliding the hinge arm over the mounting plate. The hinge adjustment screw must fit into the groove on the mounting plate.

After adjusting the door depth, the mounting procedure is finished by tightening the fixing screw.

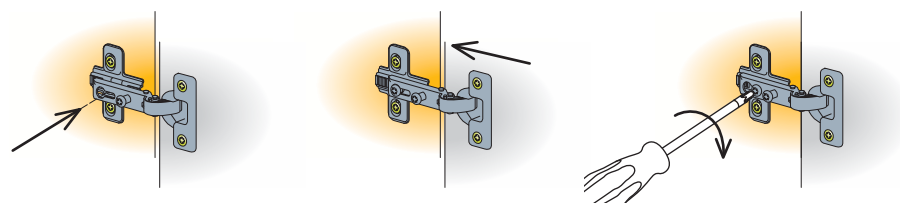


Key-hole

- Wide angle hinge
- Refrigerator cabinet door hinge

Hinge is assembled on the mounting plate by inserting the fixing screw on the appropriate hole on the hinge arm.

After adjusting the door depth, the mounting procedure is finished by tightening the fixing screw.



Concealed Hinges

Loads

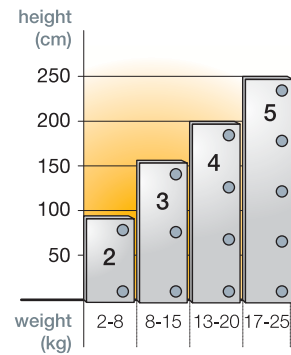
How Many Hinges per Door?

Check the enclosed recommendation for the number of recommended hinges per door by considering door height and weight.

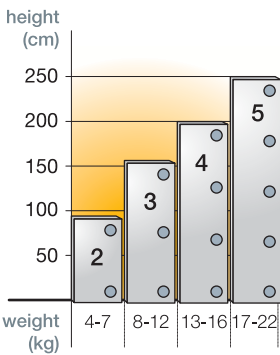
Hinges to be positioned as far apart as possible.

Recommendation:
Use the appropriate number of hinges, not exceeding door height and weight as shown below.

- Self-closing hinges
- Hinges without spring
- Hinges with integrated damping



T-type
T-type-i



S-type
B-type
S-type-i3
B-type-i3

Hinges with integrated damping can be combined with non-damped hinges from standard hinge range. A trial mounting is always recommended.

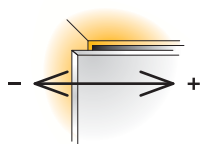
Concealed Hinges

Adjustments



Adjustment range can be found on the product pages.

Side Adjustment

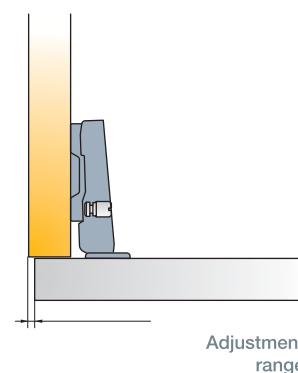
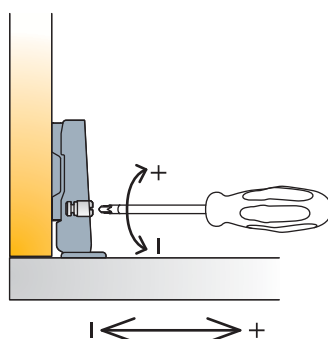
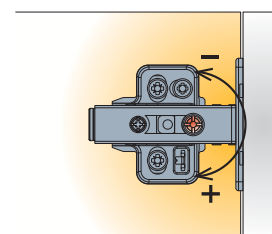


Side adjustment aligns the door with the side of the cabinet.

By rotating the adjustment screw

- T-type
- S-type
- B-type

Side adjustment is made by rotating the screw on the hinge arm.

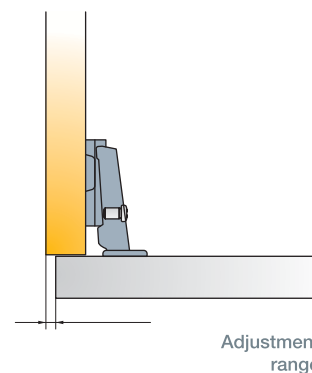
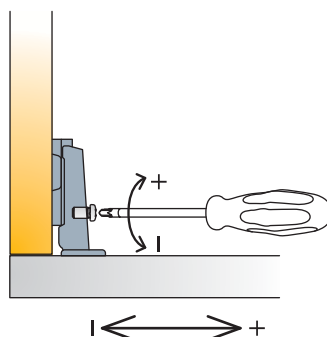


By temporarily loosening the fixing screw

- Wide angle hinge 270°
- Refrigerator cabinet hinge

For the side adjustment:

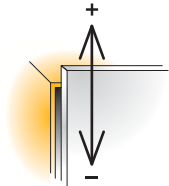
1. Release the fixing screw
 2. Make the necessary adjustment by rotating the appropriate screw
 3. Tighten the fixing screw
- Without releasing the fixing screw no side adjustment is possible.



Concealed Hinges

Adjustments

Height Adjustment



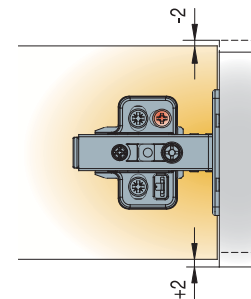
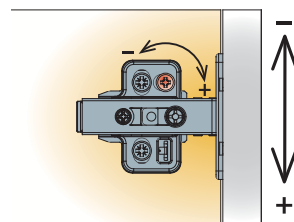
Height adjustment is necessary to achieve optimal vertical door position.

By rotating the cam adjuster

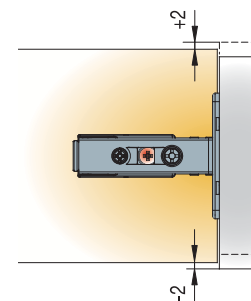
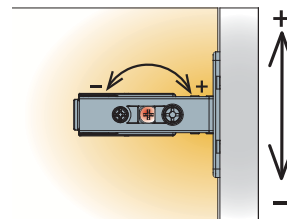
Height adjustment is made by rotating the cam adjuster on the mounting plate.

T-type with cam adjustable cruciform mounting plate

S-type with cam adjustable cruciform mounting plate



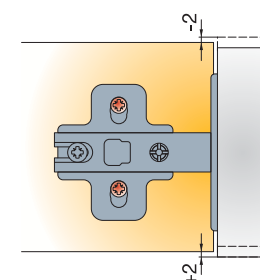
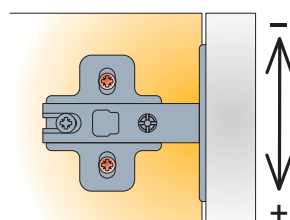
T-type with cam adjustable horizontal mounting plate



By releasing the fixing screws

For height adjustment the two mounting plate fixing screws have to be temporarily released while making the manual adjustment.

- T-type, S-type and B-type with cruciform mounting plate
- Wide angle hinge 270°
- Refrigerator cabinet hinge



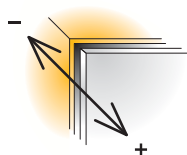
Concealed Hinges

Adjustments



Adjustment range can be found on the product pages.

Depth Adjustment

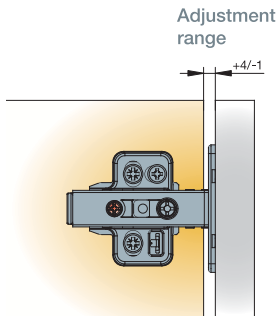
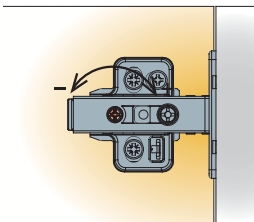


The system enables easy adjustment of the gap between door and cabinet.

By rotating the cam adjuster

Rotate the cam adjuster on the hinge arm.

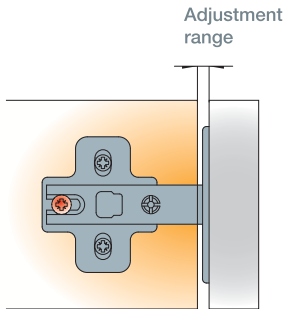
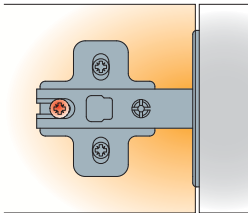
- T-type



By releasing the fixing or adjustment screw

- S-type
- B-type

The depth adjustment is made by temporarily releasing the adjustment screw (S-type) or fixing screw (B-type). After the adjustment is made the screw has to be re-tightened.



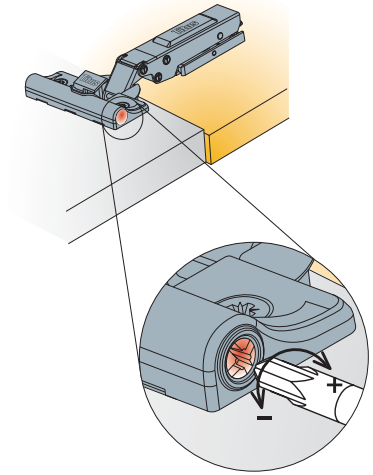
Concealed Hinges

Adjustments

Damping Adjustment

T-type-i

The damping action can be adjusted to fit different door weights and sizes which enables optimal door functioning.



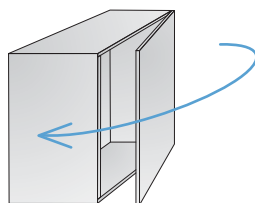
Damping is factory pre-set to the medium damping value.
Turn towards '+' to increase and '-' to decrease the damping.

Key Design Choices

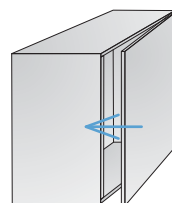
ConfidentClose

The hinge is designed to provide consumer preferred way of soft closing action.

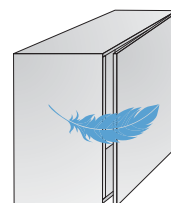
Based on results of Titus researches made in UK, Germany and Slovenia



Fast closing



Late start of deceleration action



Quiet landing with SoftTouch

One-for-all efficiency principle

Damping on the hinge cup
Damper, positioned transversal to the hinge cup allows for easy introduction of hinge versions

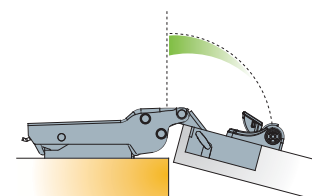
Damped and non-damped version on one mounting plate platform



Adjustable damping

Flexibility to tune performance for all applications

- Consistent performance over a wide range of doors of different sizes and weights
- Easy accessible adjustment button for intuitive and quick adjustment



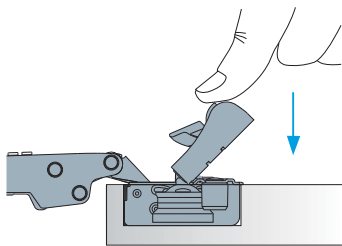
Adjustable damping zone and force

Titus Damper Inside

- Efficient damping at any closing speed
- Reliable closing
- Damping force consistency

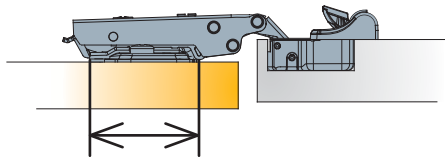


T-type Hinges



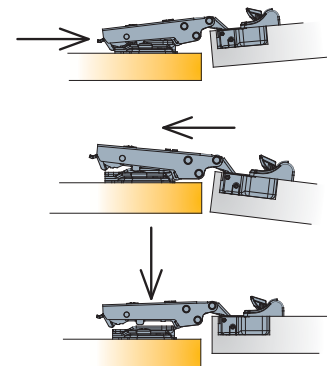
T-type PressTo Quick and easy tool-less mounting

- Effortless snap-on locking
- Confident locking action
- Reliable door attachment



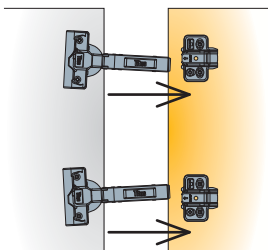
Rigidity

- Rigid hinge-to-plate attachment assures door stability
- Tight hinge-to-plate joint improves hinge stability and reduces door sag
- Smooth performance



3Way snap-on mounting

- Fast mounting from three directions



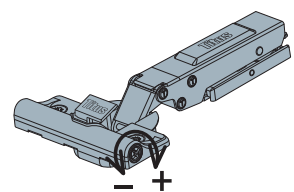
Highly tolerant

- Efficient performance in edge value of tolerances
- Reliable door closing in case of accidental misalignment
- ConfidentClose assured



Easy door installation even in cases of 3-5 hinges per door

- Easy and quick assembly and disassembly

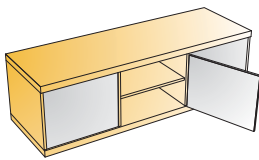
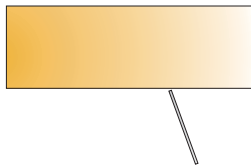
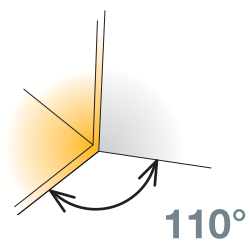


Adjustable damping

- Consistent performance on doors of different dimensions and weights
- Intuitive adjustment

T-type-i 110

For wood doors



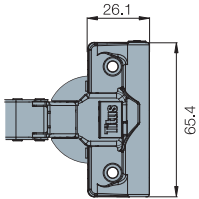
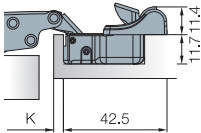
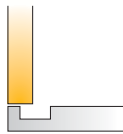
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
12mm
3Way snap-on



Technical details

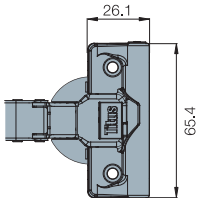
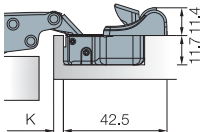
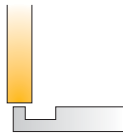
Cup type	Interaxis 45mm	Interaxis 48mm
	701-0AT0-054	701-0AS0-054
	701-0AT1-054	701-0AS1-054
	701-0AT4-054	701-0AS4-054
	701-0AT6-054	
Drilling patterns for hinge cups → see page 2.17		

Cranking
0mm



150 Pcs Made of steel

Cranking
5mm



150 Pcs Made of steel

	701-0BT0-054	701-0BS0-054
	701-0BT1-054	701-0BS1-054
	701-0BT4-054	701-0BS4-054
	701-0BT6-054	
Drilling patterns for hinge cups → see page 2.17		

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready



EasyFix system



PressTo
Tool-less mounting

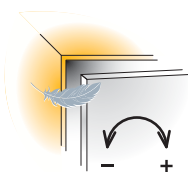


Cover caps for hinge arm
→ see page 2.181

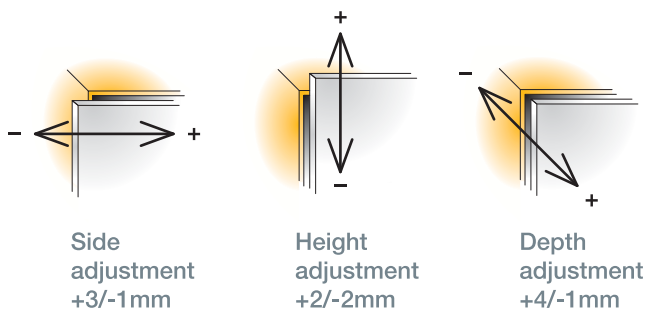


Hinge angle restrictor
→ see page 2.179

Damping adjustment



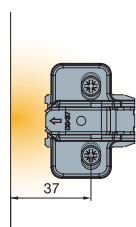
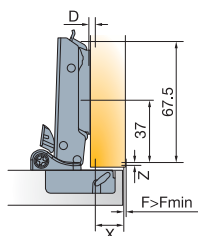
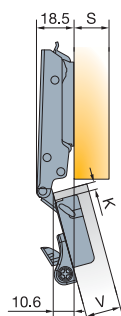
Door adjustment



For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

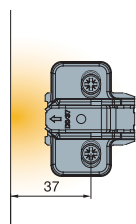
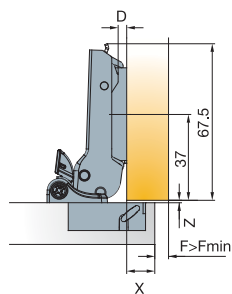
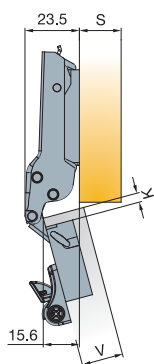
Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19
K	3	3	2	1	0		
	4	4	3	2	1	0	
	5		4	3	2	1	0
	6			4	3	2	1
							0
							D

$$D=13+K-X$$



Drawings show application on D=0mm mounting plate

X	8	9	10	11	12	13	14
---	---	---	----	----	----	----	----

K	3	3	2	1	0		
	4	4	3	2	1	0	
	5		4	3	2	1	0
	6			4	3	2	1
							0
							D

$$D=8+K-X$$

Push opening

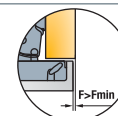


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

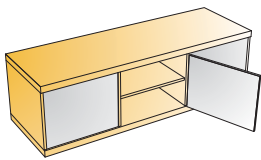
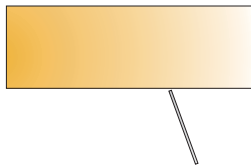
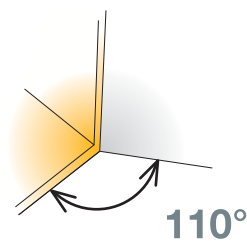


V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F _{MIN}

Gap Z_{MIN}=0

T-type-i 110

For wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

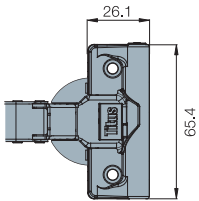
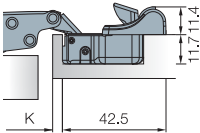
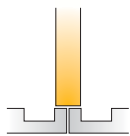


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	701-OCT0-054	701-OCS0-054
	701-OCT1-054	701-OCS1-054
	701-OCT4-054	701-OCS4-054
	701-OCT6-054	
Drilling patterns for hinge cups → see page 2.17		

Cranking

9mm

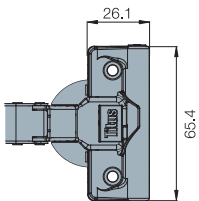
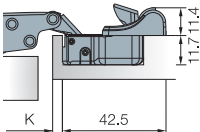
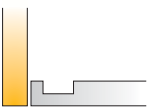


150 Pcs

Made of steel

Cranking

17mm



150 Pcs

Made of steel

	701-ODT0-054	701-ODS0-054
	701-ODT1-054	701-ODS1-054
	701-ODT4-054	701-ODS4-054
	701-ODT6-054	
Drilling patterns for hinge cups → see page 2.17		

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready



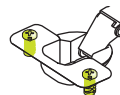
EasyFix system



PressTo
Tool-less mounting

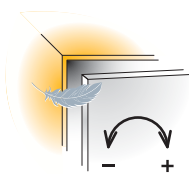


Cover caps for hinge arm
→ see page 2.181

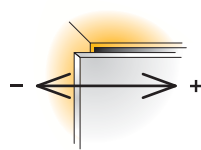


Hinge angle restrictor
→ see page 2.179

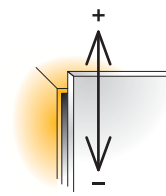
Damping adjustment



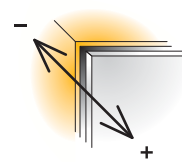
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

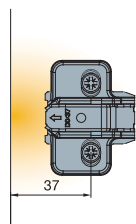
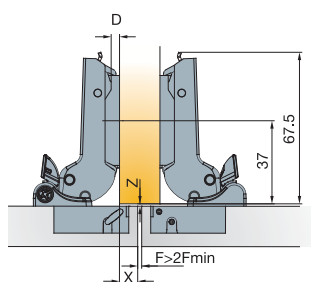
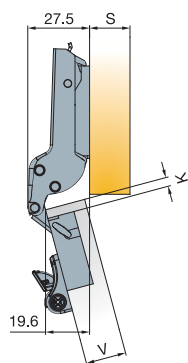


Depth
adjustment
+4/-1mm

For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

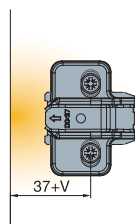
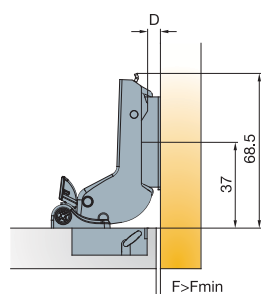
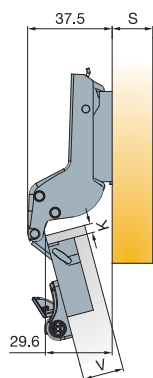
Mounting plate thickness table

For further explanation → see page 2.13

X	4	5	6	7	8	9	10
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D = 4 + K - X$$

Drawings show application on
D=0mm mounting plate



V	16	17	18	19	20	21	22	23	24
K	3	0	0	0	1	1	1	1	2
	4	1	1	1	2	2	2	2	3
	5	2	2	2	3	3	3	3	4
	6	3	3	3	4	4	4	4	

$$D = -4 + K + F$$

Drawings show application on
D=2mm mounting plate

Push opening

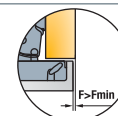


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

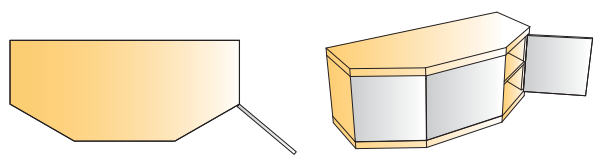
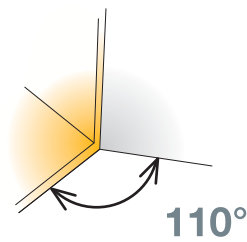


V	16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6

Gap $Z_{MIN}=0$

T-type-i 110/15°

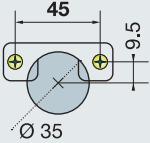
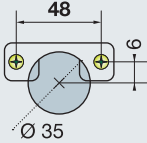
15° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

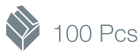
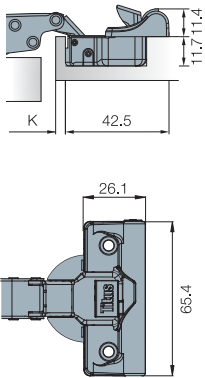


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	701-0D64-650	701-0D66-650
	701-0D70-650	701-0D72-650
EasyFix 	701-0D76-650	701-0D78-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131

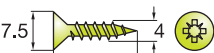
Cruciform mounting plate
→ see page 2.133

Cam adjustable linear mounting plate
→ see page 2.131

Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

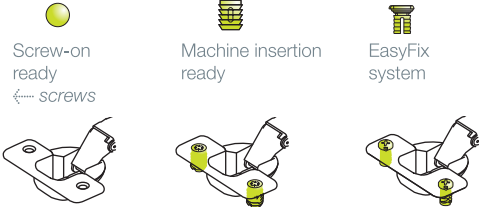
10000 Pcs

Accessories

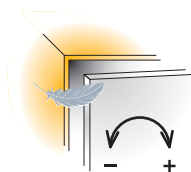


Cover caps for hinge arm
→ see page 2.181

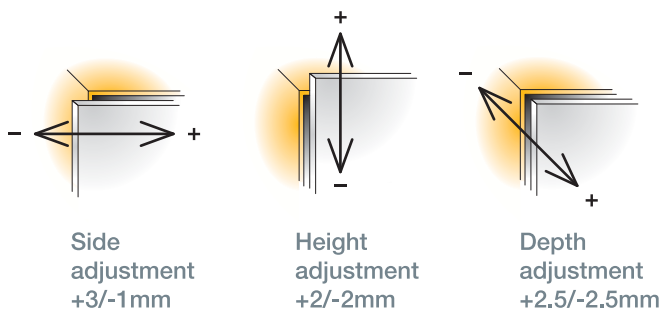
Legend of hinge cup symbols



Damping adjustment



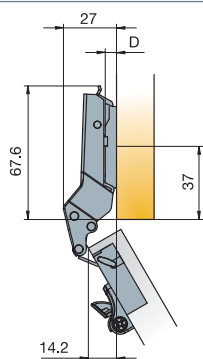
Door adjustment



For further explanation → see page 2.25

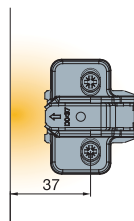
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

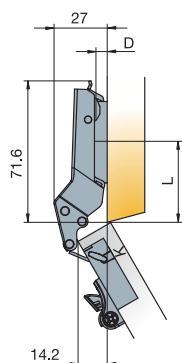
Mounting plate drilling distance



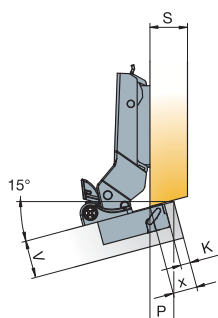
Mounting plate thickness table

For further explanation → see page 2.13

P	11	12	13	14	15	16	17	18
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0



Drawings show application on
D=0mm mounting plate



L=45 for thickness D=0
L=44 for thickness D=1
L=43 for thickness D=2
L=42 for thickness D=3
L=41 for thickness D=4

P	6	7	8	9	10	11	12	13
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0

Push opening

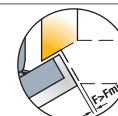


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

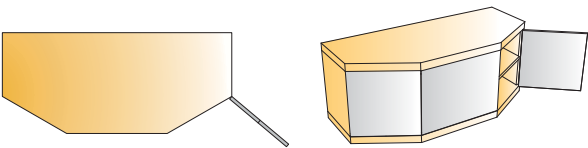
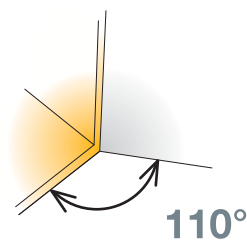


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

T-type-i 110/30°

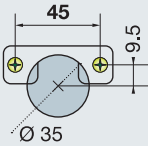
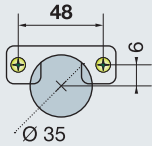
30° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

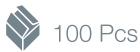
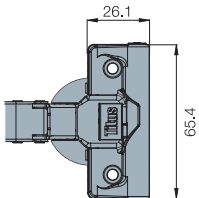
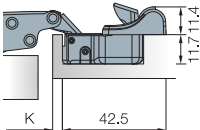
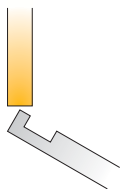


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	701-0E52-650	701-0E54-650
	701-0E58-650	701-0E60-650
EasyFix 	701-0E64-650	701-0E66-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready

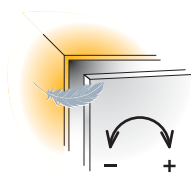


EasyFix system

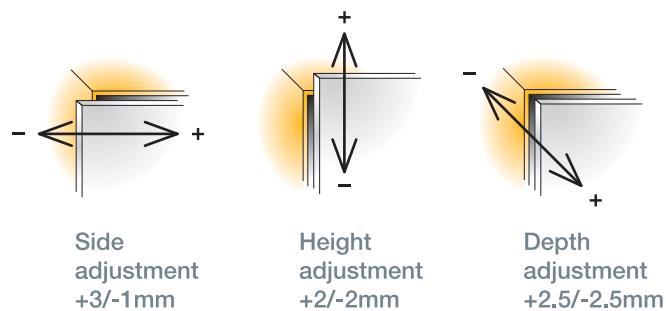


Hinge angle restrictor
→ see page 2.179

Damping adjustment



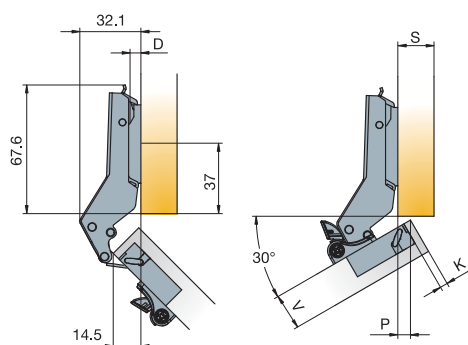
Door adjustment



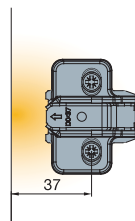
For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

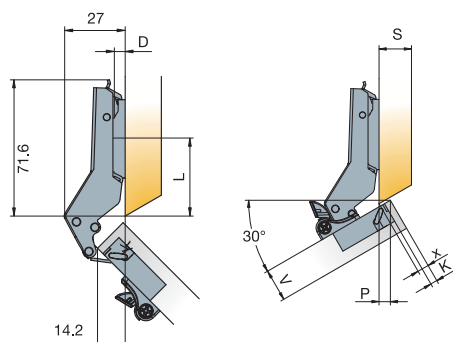


Mounting plate thickness table

For further explanation → see page 2.13

P	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0

Drawings show application on D=0mm mounting plate



Drawings show application on D=0mm mounting plate

L=41 for thickness D=0
L=41 for thickness D=1
L=40 for thickness D=2
L=40 for thickness D=3
L=39 for thickness D=4

X	2	3	4	5	6	7	8	9
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0

Push opening

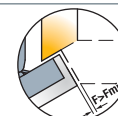


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

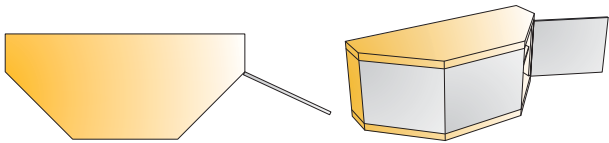
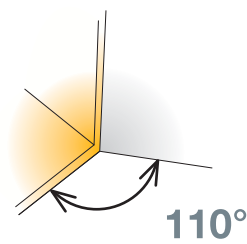


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

T-type-i 110/45°

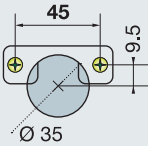
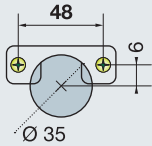
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



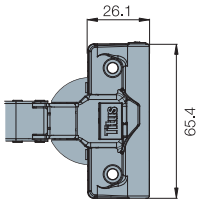
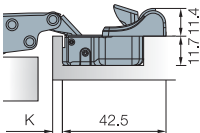
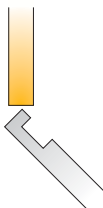
Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	701-0D82-650	701-0D84-650
	701-0D88-650	701-0D90-650
EasyFix 	701-0D98-650	701-0E32-650

Drilling patterns for hinge cups → see page 2.17

Cranking

9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



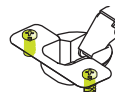
Screw-on ready
← screws



Machine insertion ready

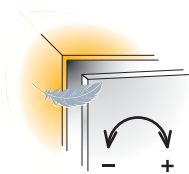


EasyFix system

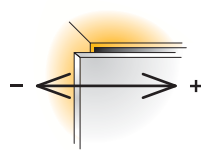


Hinge angle restrictor
→ see page 2.179

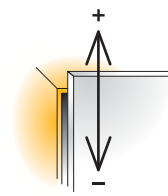
Damping adjustment



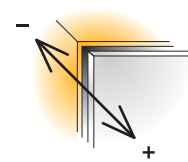
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

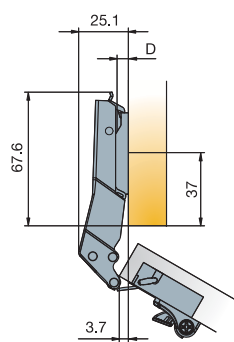


Depth
adjustment
+2.5/-2.5mm

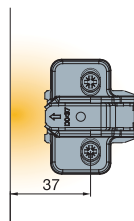
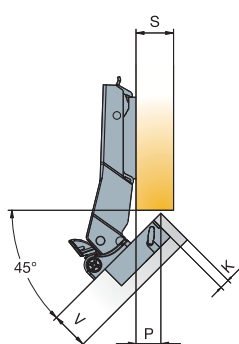
For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

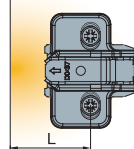
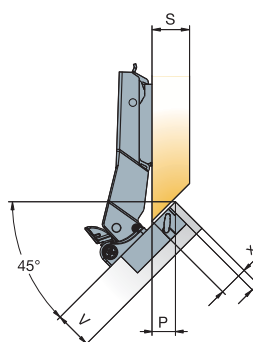
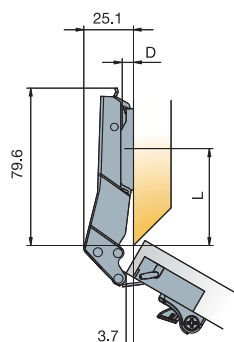


Mounting plate thickness table

For further explanation → see page 2.13

P	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5
K	3	4	3		2		1		0					
	4		4		3		2		1		0			
	5			4		3		2		1		0		
	6					4		3		2		1		0

Drawings show application on
D=0mm mounting plate



X	10	11	12	13	14	15	16	17	
K	3	4	3	2	1	0			
	4		4	3	2	1	0		
	5			4	3	2	1	0	
	6				4	3	2	1	0

Drawings show application on
D=0mm mounting plate

L=49 for thickness D=0
L=48 for thickness D=1
L=47 for thickness D=2
L=46 for thickness D=3
L=45 for thickness D=4

Push opening

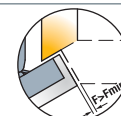


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

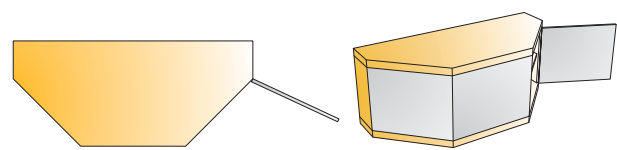
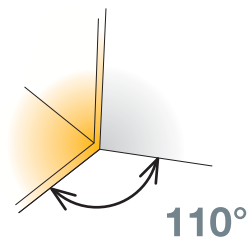


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

T-type-i 110/45°

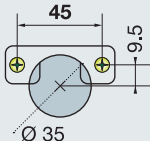
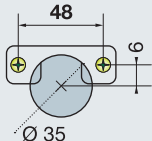
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

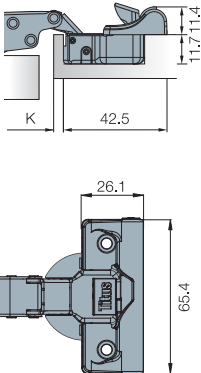


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	701-0B08-650	701-0B10-650
	701-0C78-650	701-0C80-650
EasyFix 	701-0C54-650	701-0C56-650

Drilling patterns for hinge cups → see page 1.10

Cranking
17mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131

Cruciform mounting plate
→ see page 2.133

Cam adjustable linear mounting plate
→ see page 2.131

Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

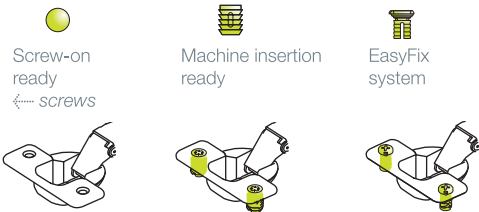
Accessories



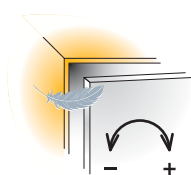
Cover caps for hinge arm
→ see page 2.181

Hinge angle restrictor
→ see page 2.179

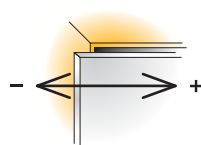
Legend of hinge cup symbols



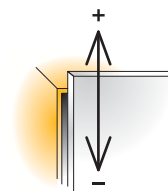
Damping adjustment



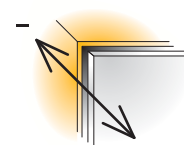
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

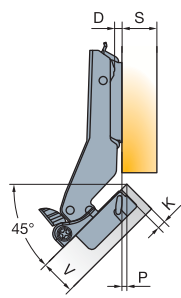
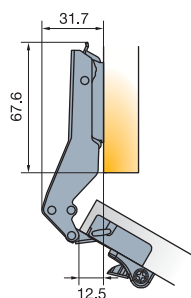


Depth
adjustment
+2.5/-2.5mm

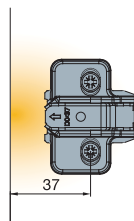
For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

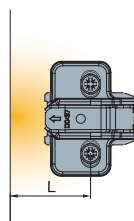
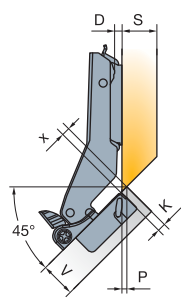
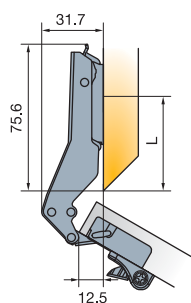


Mounting plate thickness table

For further explanation → see page 2.13

P	0	0.5	1	1.5	2	2.5	3	3.5	4
K	3	2		1		0			
	4	3	2		1		0		
	5		3	2		1		0	
	6	4		3	2		1		0
									D

Drawings show application on
D=0mm mounting plate



X	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
K	3	2		1		0						
	4		2		1		0					
	5		3		2		1		0			
	6	4		3		2		1		0		D

Drawings show application on
D=0mm mounting plate

L=45 for thickness D=0
L=44 for thickness D=1
L=43 for thickness D=2
L=42 for thickness D=3
L=41 for thickness D=4

Push opening

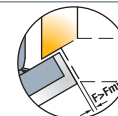


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

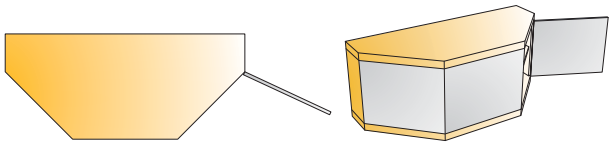
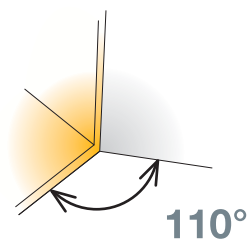


V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F _{MIN}

Gap Z_{MIN}=0

T-type-i 110/45°

45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

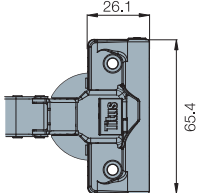
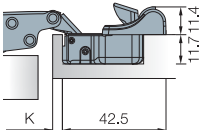
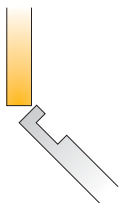


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	701-0W59-650	701-0W60-650
	701-0W62-650	701-0W63-650
EasyFix 	701-0W65-650	701-0W66-650

Drilling patterns for hinge cups → see page 2.17

Cranking
23mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready

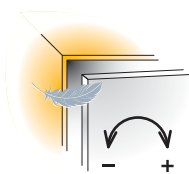


EasyFix system

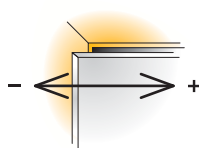


Hinge angle restrictor
→ see page 2.179

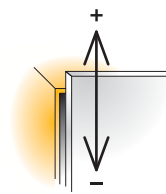
Damping adjustment



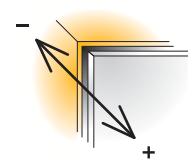
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

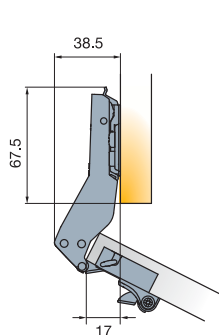


Depth
adjustment
+2.5/-2.5mm

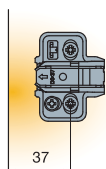
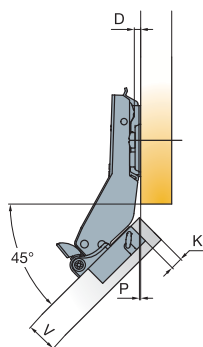
For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

P	7.5	7	6.5	6	5.5	5	4.5	4	3.5	3	2.5	2	1.5
K	3	4	3		2		1		0				
	4		4	3		2		1		0			
	5			4		3		2		1		0	
	6				4		3		2		1		0

Push opening

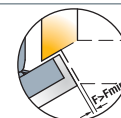


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

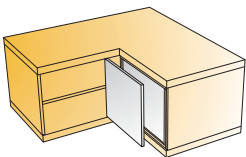
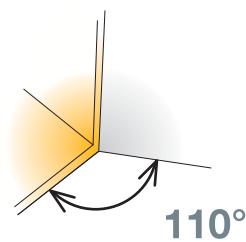


V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F _{MIN}

Gap Z_{MIN}=0

T-type-i 110/90°

For wood door cabinets with blind panels



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

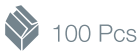
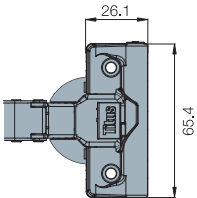
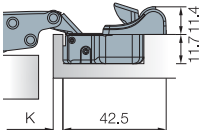


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	701-0A96-650	701-0A98-650
	701-0D36-650	701-0D38-650
EasyFix 	701-0D30-650	701-0D32-650

Drilling patterns for hinge cups → see page 2.17

Cranking
17mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



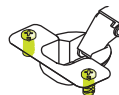
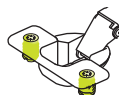
Screw-on ready
← screws



Machine insertion ready

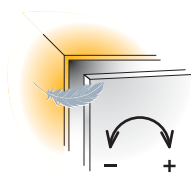


EasyFix system



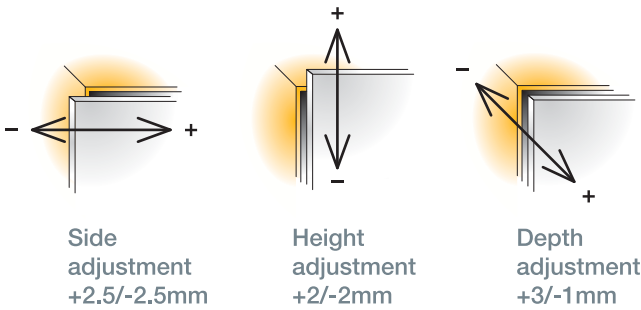
Hinge angle restrictor
→ see page 2.179

Damping adjustment



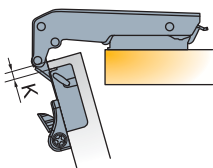
For further explanation → see page 2.25

Door adjustment



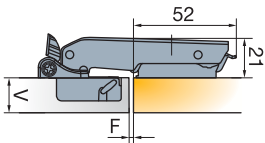
For further explanation → see pages 2.22-2.24

Mounting details

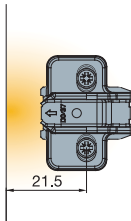


Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance



Drawing shows application on D=2mm mounting plate

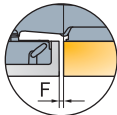


Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm
For further explanation → see page 2.14

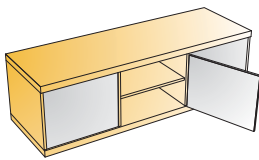
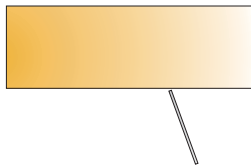
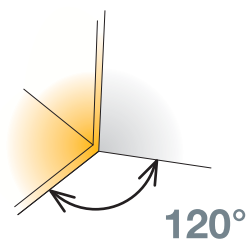


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9 F _{MIN}

Gap Z_{MIN}=0

T-type-i 120

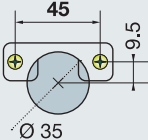
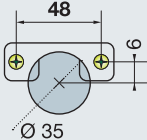
For wood doors



- Opening angle 120°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



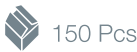
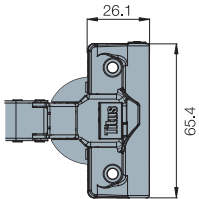
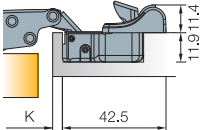
Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	701-OUT0-054	701-0US0-054
	701-OUT1-054	701-0US1-054
EasyFix 	701-OUT4-054	701-0US4-054

Drilling patterns for hinge cups → see page 2.17

Cranking

0mm



150 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



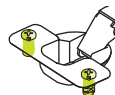
Screw-on ready
← screws



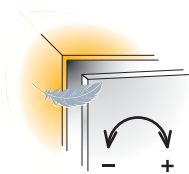
Machine insertion ready



EasyFix system

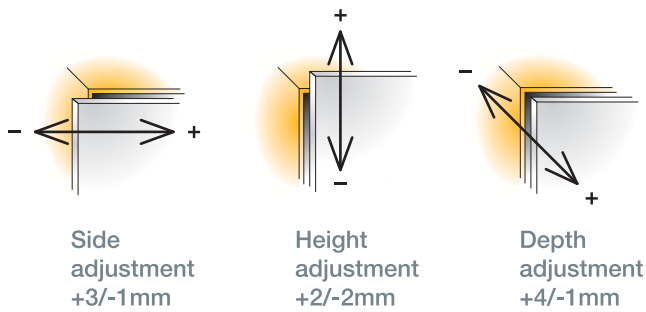


Damping adjustment



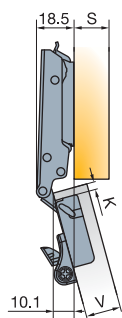
For further explanation → see page 2.25

Door adjustment



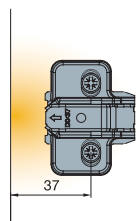
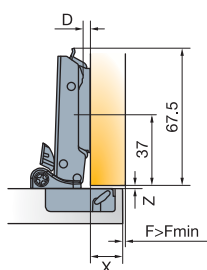
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=13+K-X$$

Push opening

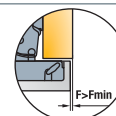


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

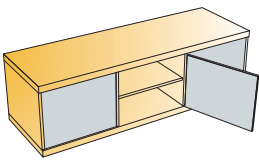
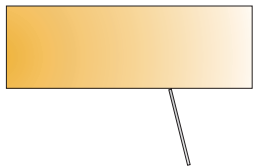
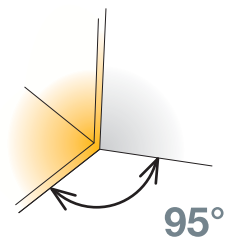


V	16	17	18	19
3	1.1	0.4	0	0
K	4	2	1.4	0.7
	5	3	2.3	1

Gap Z_{MIN} = 2

T-type-i 95 Thick Door Hinge

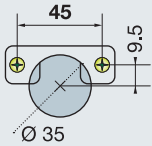
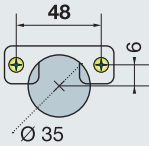
For wood doors



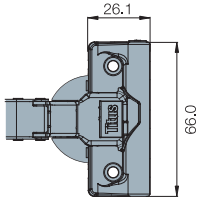
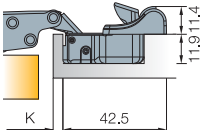
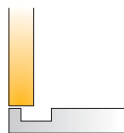
- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number

Cranking
0mm

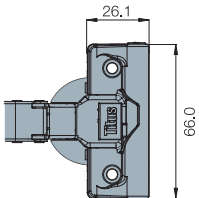
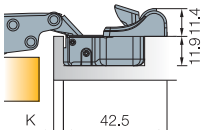
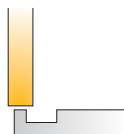


150 Pcs Made of steel

	708-0XT0-054	708-0XS0-054
	708-0XT1-054	708-0XS1-054
	708-0XT4-054	708-0XS4-054

Drilling patterns for hinge cups → see page 2.17

Cranking
5mm



150 Pcs Made of steel

	708-0YT0-054	708-0YS0-054
	708-0YT1-054	708-0YS1-054
	708-0YT4-054	708-0YS4-054

Drilling patterns for hinge cups → see page 2.17

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133

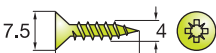


Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready



EasyFix system



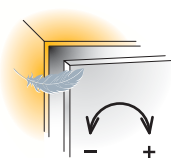
Push opening



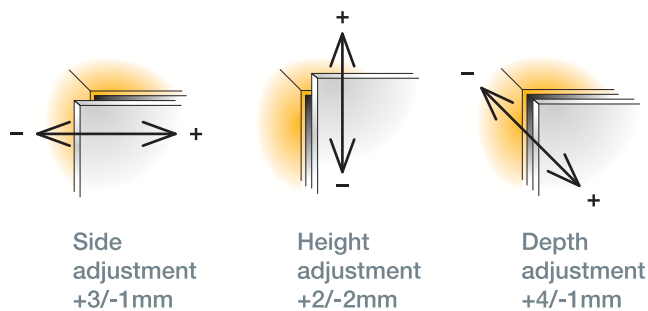
PushOpen Solutions

→ see pages 2.199-2.204

Damping adjustment



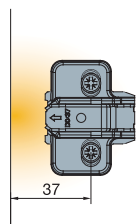
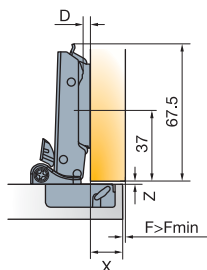
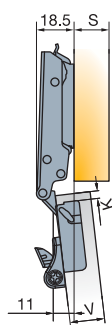
Door adjustment



For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

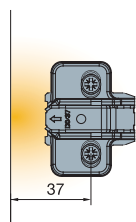
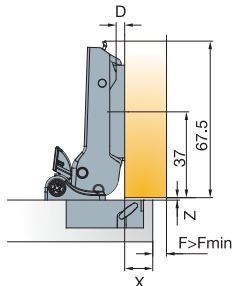
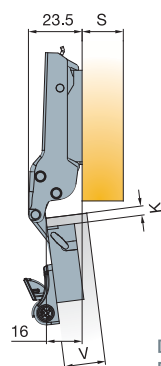
Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19	20	21	22
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0

$$D=13+K-X$$



Drawings show application on
D=0mm mounting plate

X	8	9	10	11	12	13	14	15	16	17
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0

$$D=8+K-X$$

Gap Z

V	20	22	24	26	28	30	32	34
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
K 6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	1.6	1.7	1.8	2.0	2.1	2.3

Z_{MIN}

Door clearance at R=1mm

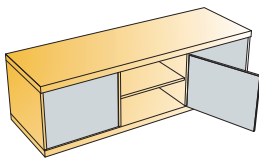
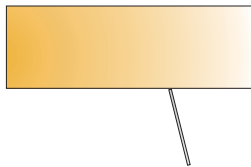
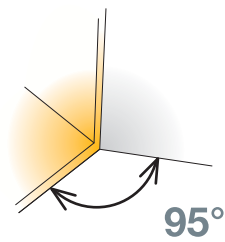
For further explanation → see page 2.14

V	20	22	24	26	28	30	32	34
3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8
4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1
5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5
K 6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9
7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3
8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8
9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4

F_{MIN}

T-type-i 95 Thick Door Hinge

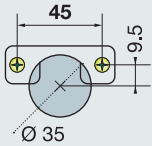
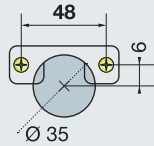
For wood doors



- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

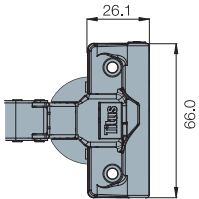
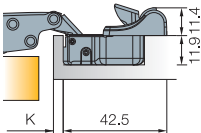
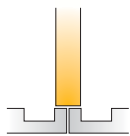


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number

Cranking

9mm



150 Pcs

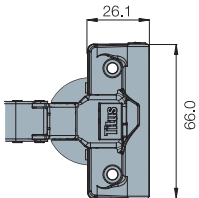
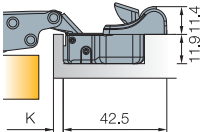
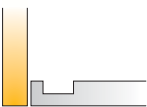
Made of steel

	708-0ZT0-054	708-0ZS0-054
	708-0ZT1-054	708-0ZS1-054
	708-0ZT4-054	708-0ZS4-054

Drilling patterns for hinge cups → see page 2.17

Cranking

17mm



150 Pcs

Made of steel

	708-0WT0-054	708-0WS0-054
	708-0WT1-054	708-0WS1-054
	708-0WT4-054	708-0WS4-054

Drilling patterns for hinge cups → see page 2.17

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133

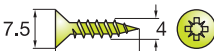


Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



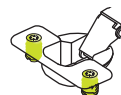
Machine insertion ready



EasyFix system



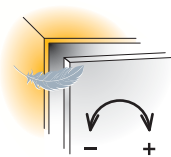
Push opening



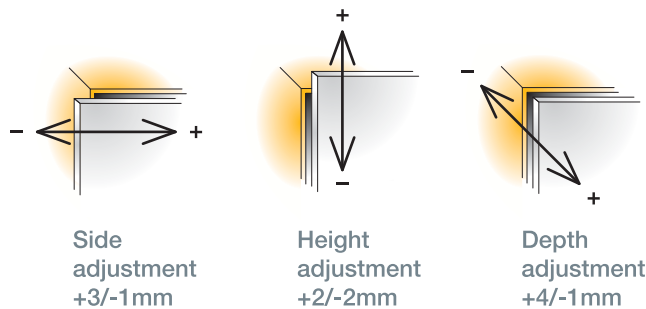
PushOpen Solutions

→ see pages 2.199-2.204

Damping adjustment



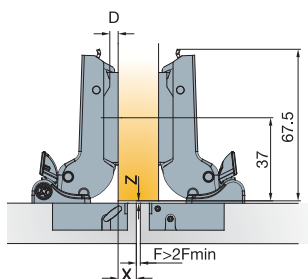
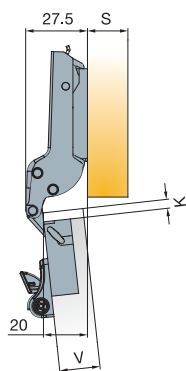
Door adjustment



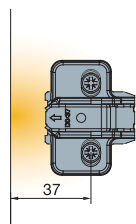
For further explanation → see page 2.25

For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



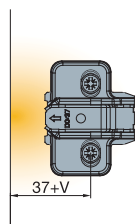
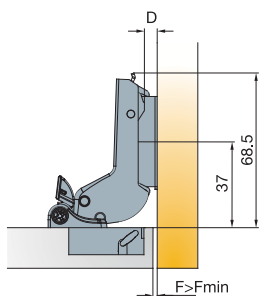
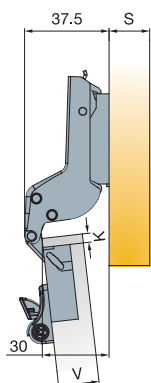
Mounting plate thickness table

For further explanation → see page 2.13

X	4	5	6	7	8	9	10	11	12	13
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0

$$D=4+K-X$$

Drawings show application on D=0mm mounting plate



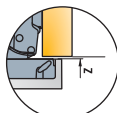
V	20	22	24	26	28	30	32
3	0	0	1	1	2	3	4*
4	1	1	2	2	3	4	4*
K 5	2	2	3	3	4	4	4*
6	3	3	4	4	4*	4*	
7	4	4	4*	4*	4*	4*	

$$D=-4+K+F$$

*Hinge adjustment needed

Drawings show application on D=2mm mounting plate

Gap Z

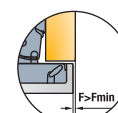


V	20	22	24	26	28	30	32	34
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
K 6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	1.6	1.7	1.8	2.0	2.1	2.3

Z_{MIN}

Door clearance at R=1mm

For further explanation → see page 2.14

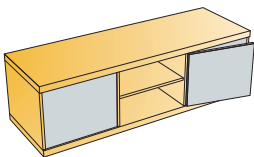
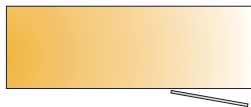
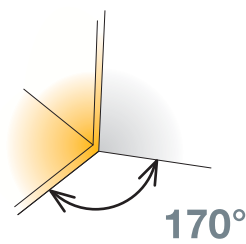


V	20	22	24	26	28	30	32	34
3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8
4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1
5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5
K 6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9
7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3
8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8
9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4

F_{MIN}

T-type-i 170

For wood doors



- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



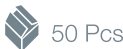
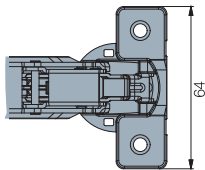
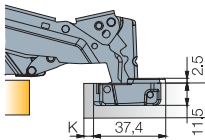
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	701-0ET0-054	701-0ES0-054
	701-0ET1-054	701-0ES1-054
	701-0ET4-054	701-0ES4-054
	701-0ET6-054	

Drilling patterns for hinge cups → see page 2.17

Cranking

0mm



50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



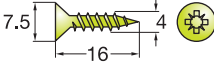
Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

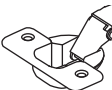
Accessories



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols

Screw-on ready
← screws



Machine insertion ready

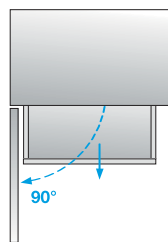


EasyFix system

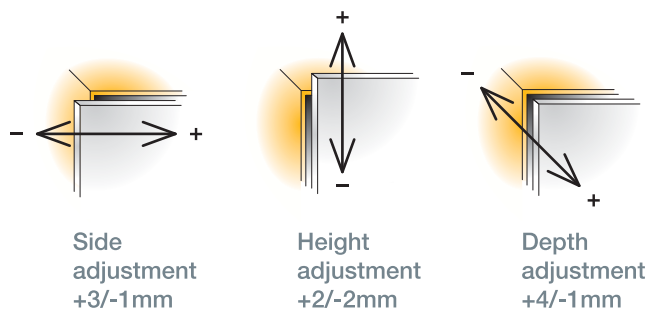


PressTo PressTo Tool-Less mounting



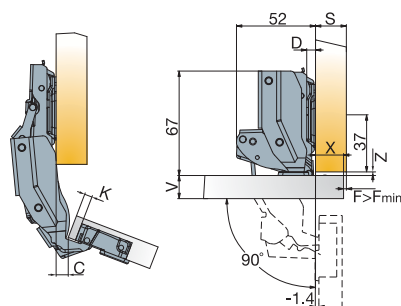


Door adjustment



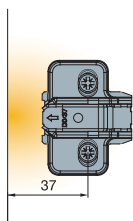
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate
No door protrusion in
90° position

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19	20
3	3	2	1	0				
4	4	3	2	1	0			
5		4	3	2	1	0		
6			4	3	2	1	0	
7				4	3	2	1	0

$$D=13+K-X$$

C value with D=0 mounting plate

K	3	4	5	6	7	
	-9.0	-8.1	-7.1	-6.1	-5.2	C

Soft closing systems



Glissando CR
→ see page 2.195 in
Furniture Fitting Systems catalogue

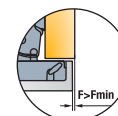
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

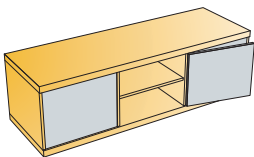
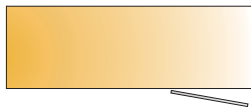
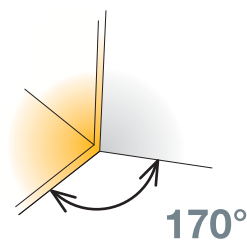


V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap Z_{MIN}=0.5

T-type-i 170

For wood doors



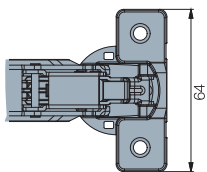
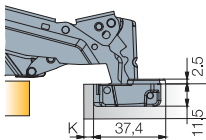
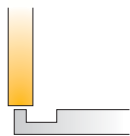
- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking
5mm



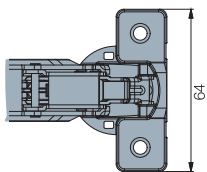
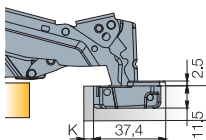
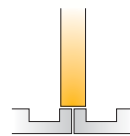
50 Pcs

Made of steel and zinc

	701-0FT0-054	701-0FS0-054
	701-0FT1-054	701-0FS1-054
	701-0FT4-054	701-0FS4-054

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



50 Pcs

Made of steel and zinc

	701-0GT0-054	701-0GS0-054
	701-0GT1-054	701-0GS1-054
	701-0GT4-054	701-0GS4-054

Drilling patterns for hinge cups → see page 2.17

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



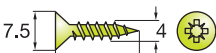
Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



Screw-on ready
← screws



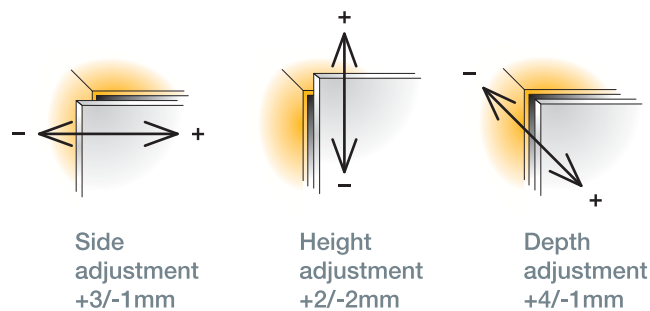
Machine insertion ready



EasyFix system



Door adjustment



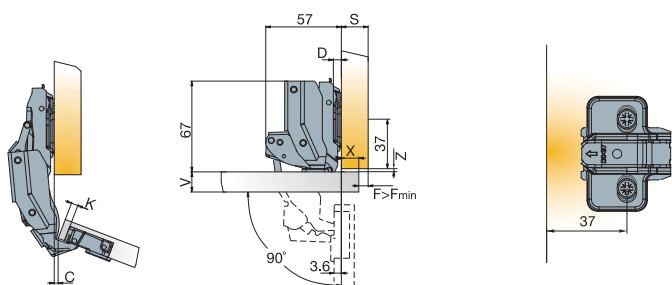
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

Mounting plate thickness table

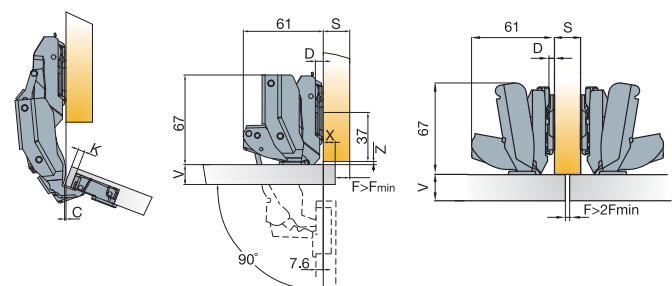
For further explanation → see page 2.13



Drawings show application on
D=0mm mounting plate

X	8	9	10	11	12	13	14
3	3	2	1	0			
4	4	3	2	1	0		
K 5		4	3	2	1	0	
6			4	3	2	1	0

$$D=8+K-X$$



Drawings show application on
D=0mm mounting plate

Drawing show application on
D=0mm mounting plate

X	1	2	3	4	5	6	7	8	9	10	11
3	6			3	2	1	0				
4		6			3	2	1	0			
K 5			6			3	2	1	0		
6				6			3	2	1	0	
7					6			3	2	1	0

$$D=4+K-X$$

Soft closing systems



Glissando CR
→ see page 2.199

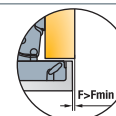
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

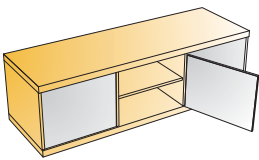
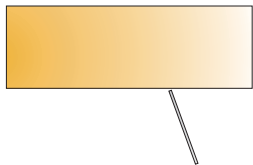
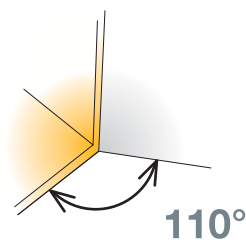


V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap $Z_{MIN}=0.5$

T-type 110

For wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
12mm
3Way snap-on

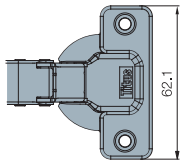
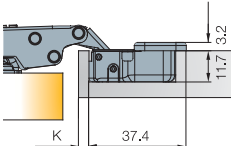


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking

0mm



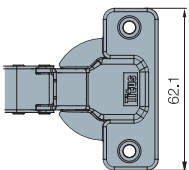
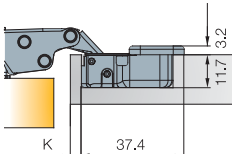
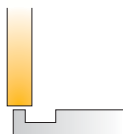
	702-0AK0-054	702-0AL0-054
	702-0AK1-054	702-0AL1-054
	702-0AK4-054	702-0AL4-054
	702-0AK6-054	
Technical and drilling details → see page 2.17		

150 Pcs

Made of steel

Cranking

5mm



	702-0BK0-054	702-0BL0-054
	702-0BK1-054	702-0BL1-054
	702-0BK4-054	702-0BL4-054
	702-0BK6-054	

Drilling patterns for hinge cups → see page 2.17

150 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



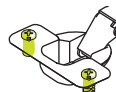
Machine insertion ready



EasyFix system

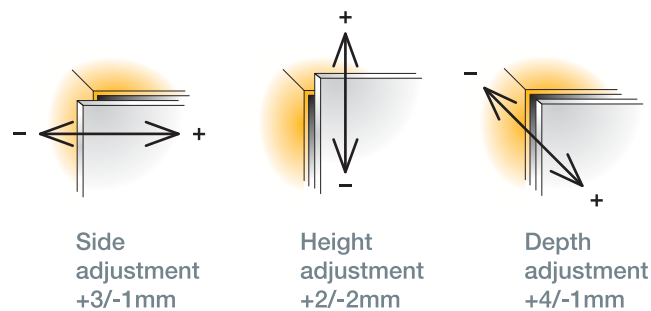


PressTo
Tool-less mounting



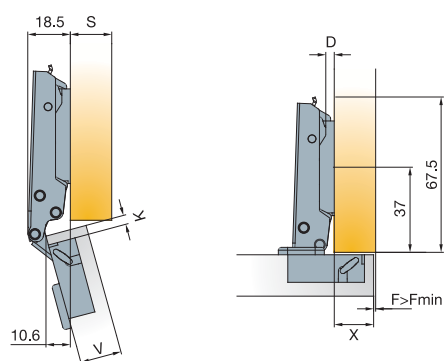
Hinge angle restrictor
→ see page 2.179

Door adjustment



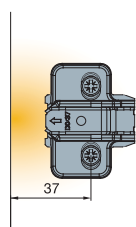
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

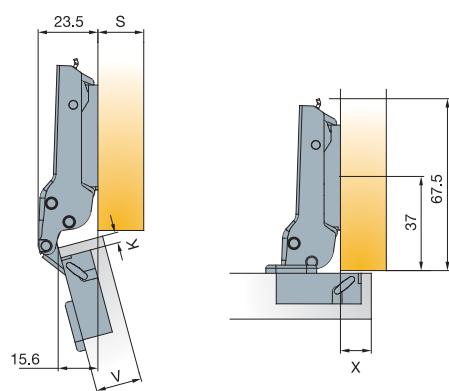
X	13	14	15	16	17	18	19
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=13+K-X$$

x 8 9 10 11 12 13 14

K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=8+K-X$$



Drawings show application on
D=0mm mounting plate

Soft closing systems



Glissando TT
→ see page 2.193



Glissando CR
→ see page 2.199

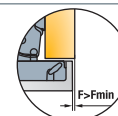
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

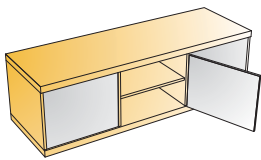
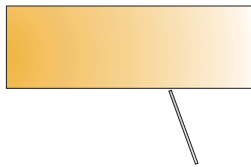
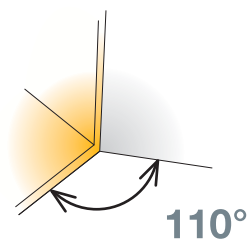


V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F _{MIN}

Gap $Z_{MIN}=0$

T-type 110

For wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
12mm
3Way snap-on

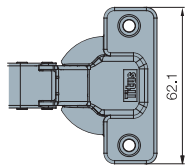
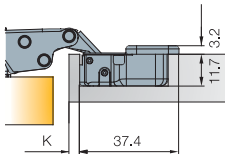
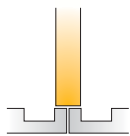


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	702-0CK0-054	702-0CL0-054
	702-0CK1-054	702-0CL1-054
EasyFix	702-0CK4-054	702-0CL4-054
PressTo	702-0CK6-054	
Drilling patterns for hinge cups → see page 2.17		

Cranking

9mm

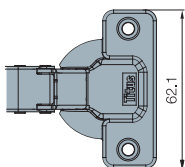
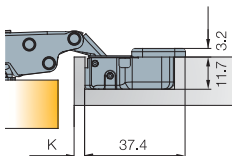
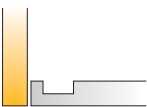


150 Pcs

Made of steel

Cranking

17mm



150 Pcs

Made of steel

	702-0DK0-054	702-0DL0-054
	702-0DK1-054	702-0DL1-054
EasyFix	702-0DK4-054	702-0DL4-054
PressTo	702-0DK6-054	
Drilling patterns for hinge cups → see page 2.17		

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



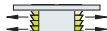
Screw-on ready
← screws



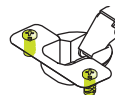
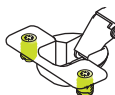
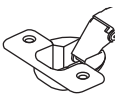
Machine insertion ready



EasyFix system

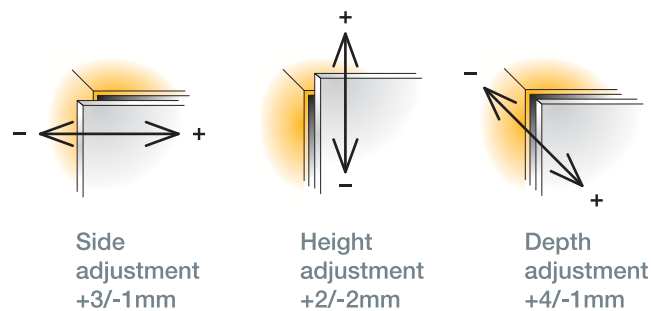


PressTo Tool-less mounting



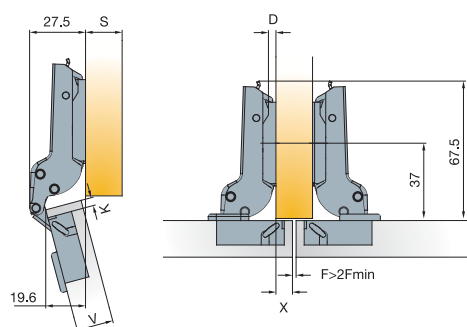
Hinge angle restrictor
→ see page 2.179

Door adjustment



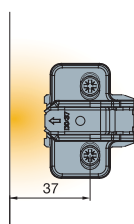
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

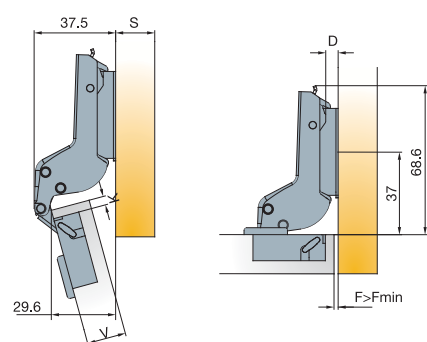
X	4	5	6	7	8	9	10
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D = 4 + K - X$$

V	16	17	18	19	20	21	22	23	24
---	----	----	----	----	----	----	----	----	----

K	3	0	0	0	0	1	1	1	1	2
	4	1	1	1	1	2	2	2	2	3
	5	2	2	2	2	3	3	3	3	4
	6	3	3	3	3	4	4	4	4	D

$$D = -4 + K + F$$



Drawings show application on
D=2mm mounting plate

Soft closing systems



Glissando TT
→ see page 2.193



Glissando CR
→ see page 2.199

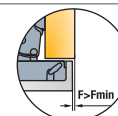
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

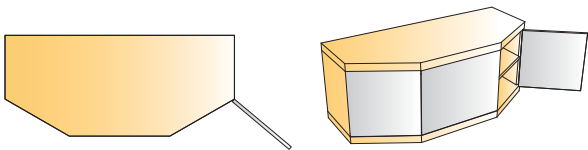
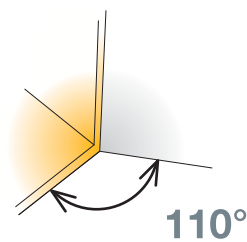


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9
		F _{MIN}										

Gap $Z_{MIN}=0$

T-type 110/15°

15° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



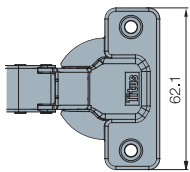
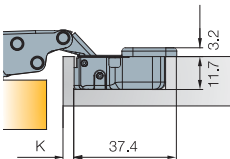
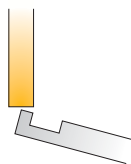
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	702-0D63-650	702-0D65-650
	702-0D69-650	702-0D71-650
EasyFix 	702-0D75-650	702-0D77-650

Drilling patterns for hinge cups → see page 2.17

Cranking

9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



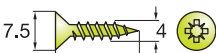
Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready

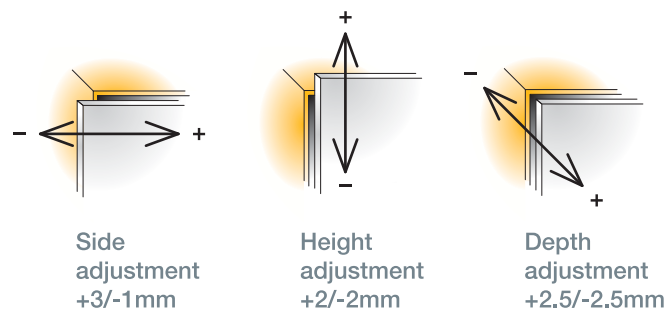


EasyFix system



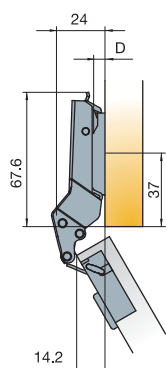
Hinge angle restrictor
→ see page 2.179

Door adjustment

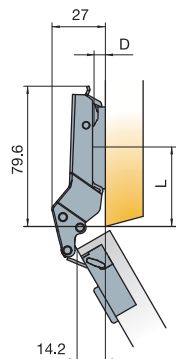


For further explanation → see pages 2.22-2.24

Mounting details

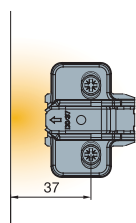
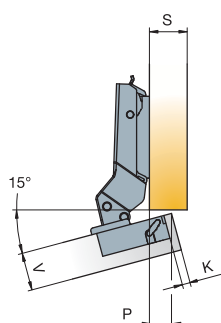


Drawings show application on D=0mm mounting plate



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

P	11	12	13	14	15	19	17	18
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0 D

X	6	7	8	9	10	11	12	13
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0 D

L=40 for thickness D=0
L=40 for thickness D=1
L=39 for thickness D=2
L=39 for thickness D=3
L=38 for thickness D=4

Soft closing system



Glissando TT
→ see page 2.193

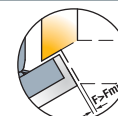
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

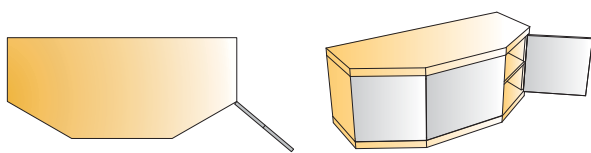
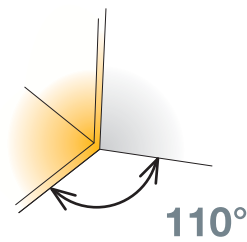


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9 F _{MIN}

Gap Z_{MIN}=0

T-type 110/30°

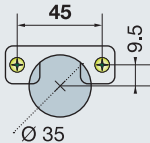
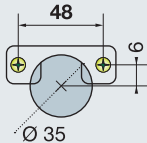
30° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

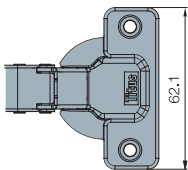
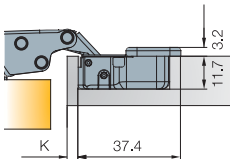
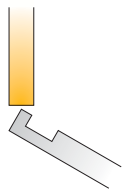


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	702-0E51-650	702-0E53-650
	702-0E57-650	702-0E59-650
EasyFix 	702-0E63-650	702-0E65-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



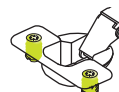
Screw-on ready
← screws



Machine insertion ready

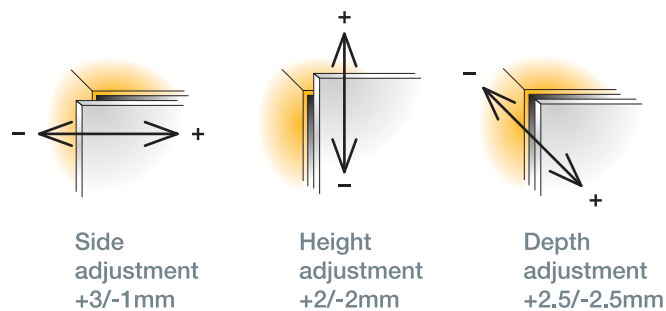


EasyFix system



Hinge angle restrictor
→ see page 2.179

Door adjustment



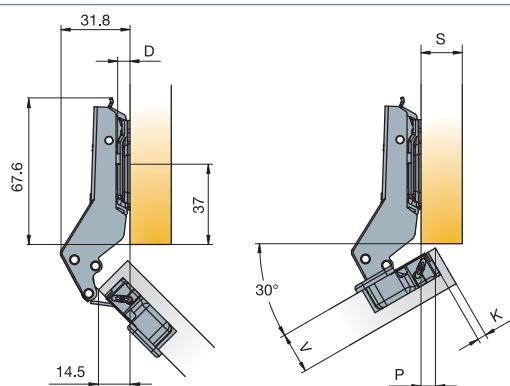
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

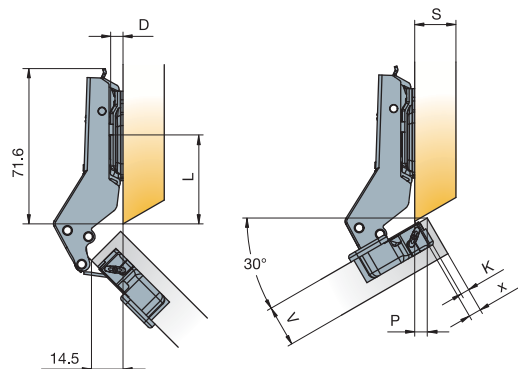
Mounting plate thickness table

For further explanation → see page 2.13



Drawings show application on
D=0mm mounting plate

P	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0



Drawings show application on
D=0mm mounting plate

P	2	3	4	5	6	7	8	9
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0

L=41 for thickness D=0
L=41 for thickness D=1
L=40 for thickness D=2
L=40 for thickness D=3
L=39 for thickness D=4

Soft closing system



Glissando TT
→ see page 2.193

Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

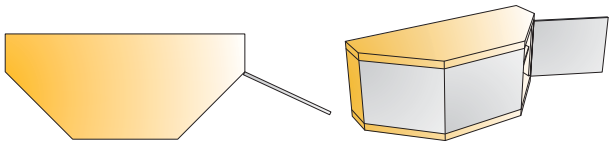
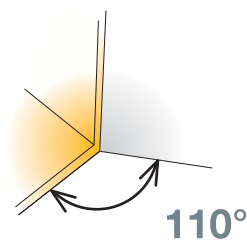
For further explanation → see page 2.14

V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

T-type 110/45°

45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

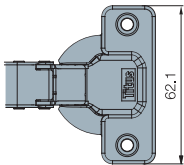
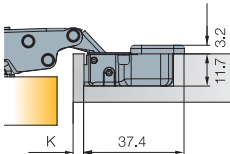
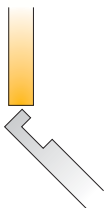


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	702-0D81-650	702-0D83-650
	702-0D87-650	702-0D89-650
EasyFix 	702-0D97-650	702-0E18-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready

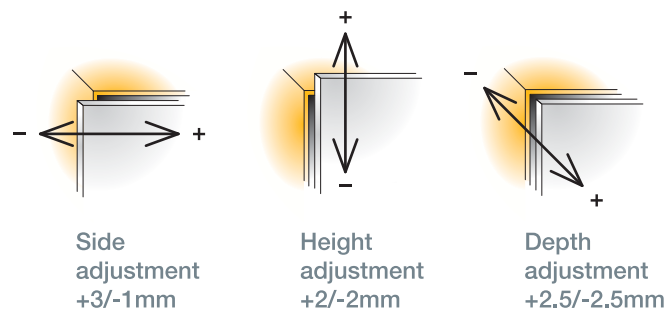


EasyFix system



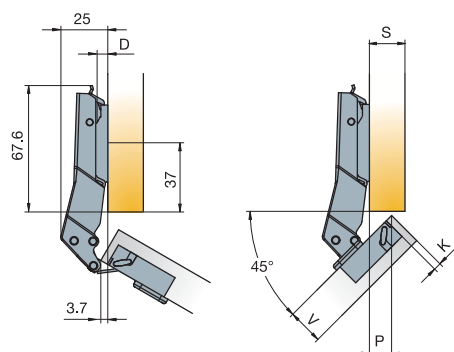
Hinge angle restrictor
→ see page 2.179

Door adjustment

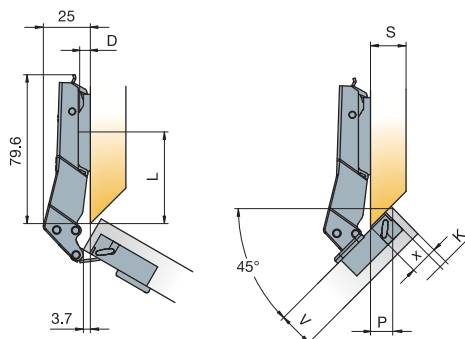


For further explanation → see pages 2.22-2.24

Mounting details

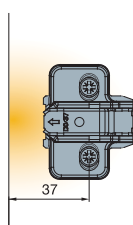


Drawings show application on D=0mm mounting plate



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

P	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5
3	4		3		2		1		0					
4			4		3		2		1		0			
5				4		3		2		1		0		
6						4		3		2		1		0

X	10	11	12	13	14	15	16	17
---	----	----	----	----	----	----	----	----

3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0 D

L=49 for thickness D=0
L=48 for thickness D=1
L=47 for thickness D=2
L=46 for thickness D=3
L=45 for thickness D=4

Soft closing system



Glissando TT
→ see page 2.193

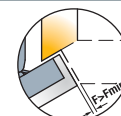
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

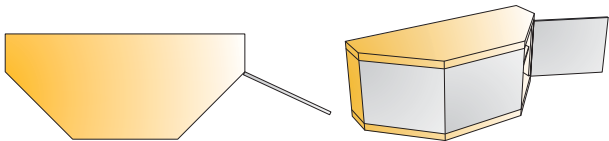
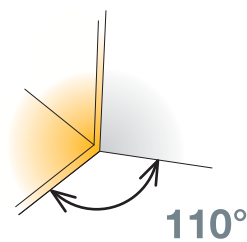


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9 F _{MIN}

Gap Z_{MIN}=0

T-type 110/45°

45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

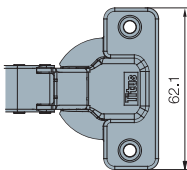
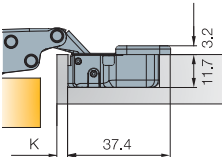
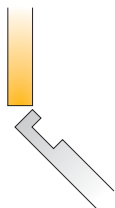


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	702-0B07-650	702-0B09-650
	702-0C77-650	702-0C79-650
EasyFix 	702-0C53-650	702-0C55-650

Drilling patterns for hinge cups → see page 2.17

Cranking
17mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



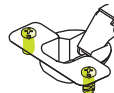
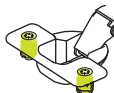
Screw-on ready
← screws



Machine insertion ready

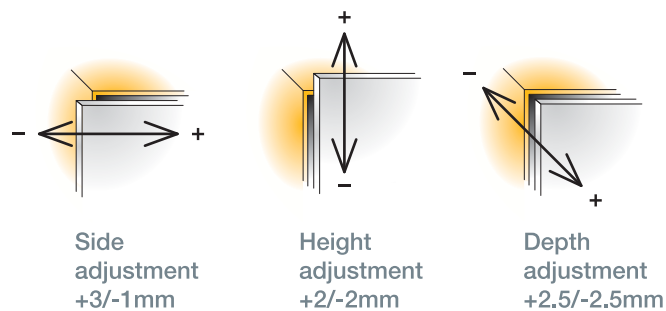


EasyFix system



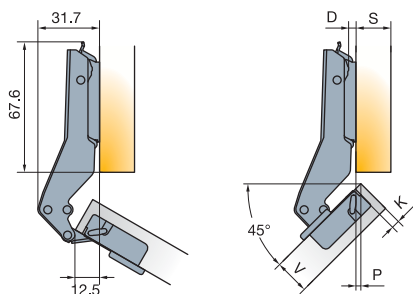
Hinge angle restrictor
→ see page 2.179

Door adjustment

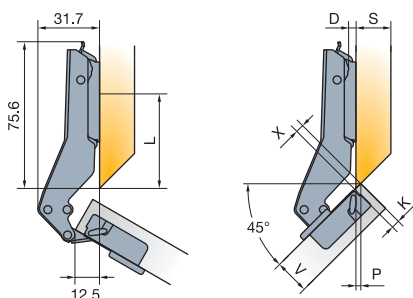


For further explanation → see pages 2.22-2.24

Mounting details

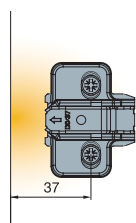


Drawings show application on
D=0mm mounting plate



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table For further explanation → see page 2.13

P	0	0.5	1	1.5	2	2.5	3	3.5	4
3		2		1		0			
4	3		2		1		0		
5		3		2		1		0	
6	4		3		2		1		0

X 0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 6

3	2		1			0						
4		2			1			0				
5		3			2		1			0		
6	4		3			2		1			0	D

L=45 for thickness D=0
L=44 for thickness D=1
L=43 for thickness D=2
L=42 for thickness D=3
L=41 for thickness D=4

Soft closing system



Glissando TT
→ see page 2.193

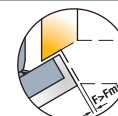
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

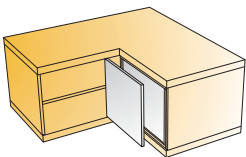
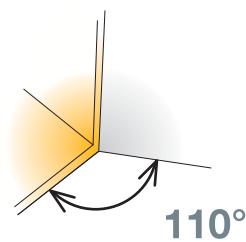


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

T-type 110/90°

For wood door cabinets with blind panels



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

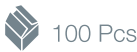
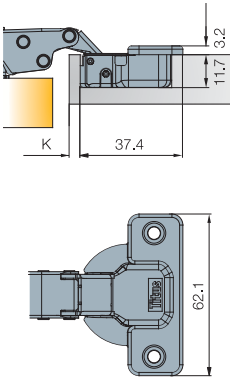


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	702-0A95-650	702-0A97-650
	702-0D35-650	702-0D37-650
	702-0D29-650	702-0D31-650

Drilling patterns for hinge cups → see page 2.17

Cranking
17mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



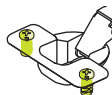
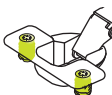
Screw-on ready
← screws



Machine insertion ready

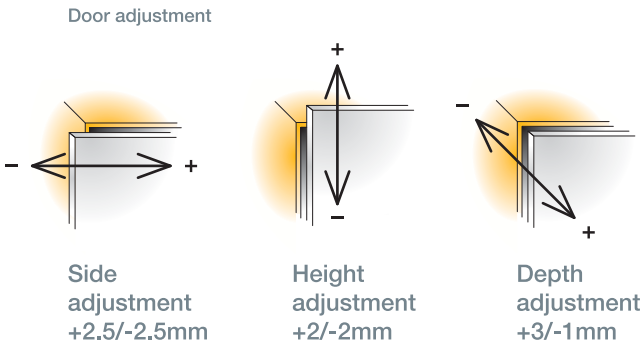


EasyFix system



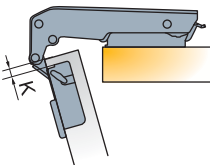
Hinge angle restrictor
→ see page 2.179

· We advise combining with a D=2mm mounting plate.



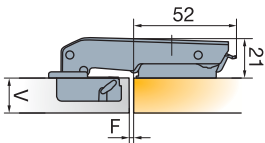
For further explanation → see pages 2.22-2.24

Mounting details

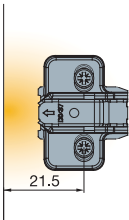


Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance



Drawing shows application on D=2mm mounting plate



Soft closing systems



Glissando TT
→ see page 2.193



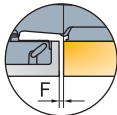
Glissando CR
→ see page 2.199

Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm
For further explanation → see page 2.14

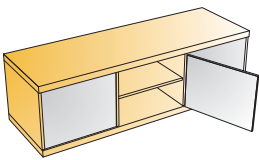
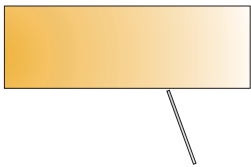
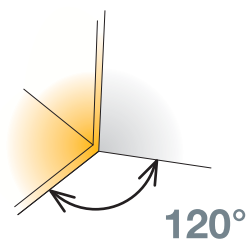


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9 F _{MIN}

Gap Z_{MIN}=0

T-type 120

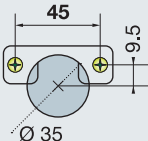
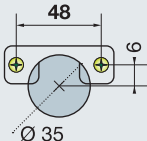
For wood doors



- Opening angle 120°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



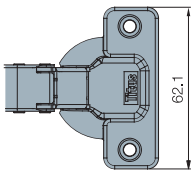
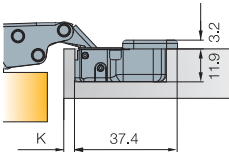
Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	702-0UK0-054	702-0UL0-054
	702-0UK1-054	702-0UL1-054
EasyFix 	702-0UK4-054	702-0UL4-054

Drilling patterns for hinge cups → see page 2.17

Cranking

0mm



150 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



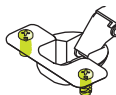
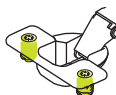
Screw-on ready
← screws



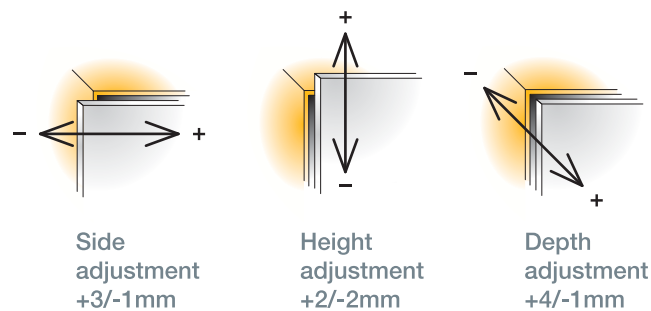
Machine insertion ready



EasyFix system

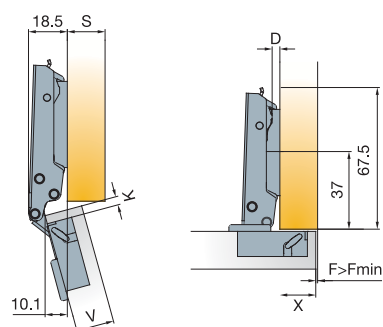


Door adjustment



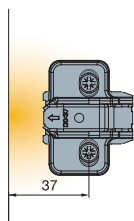
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19
K	3	3	2	1	0		
	4	4	3	2	1	0	
	5		4	3	2	1	0
	6			4	3	2	1
							D

$$D=13+K-X$$

Soft closing systems



Glissando TT
→ see page 2.193



Glissando CR
→ see page 2.199

Push opening



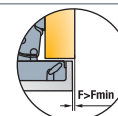
PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

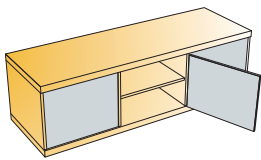
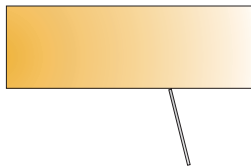
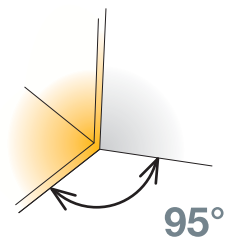
V		16	17	18	19	
K	3	1.1	0.4	0	0	
	4	2	1.4	0.7	0.1	
	5	3	2.3	1.6	1	F _{MIN}

Gap Z_{MIN} =2



T-type 95 Thick Door Hinge

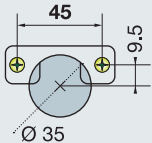
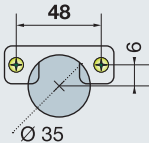
For wood doors



- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

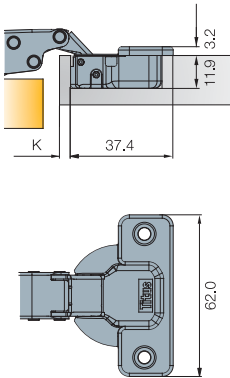
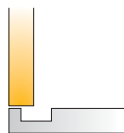


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	707-0XK0-054	707-0XL0-054
	707-0XK1-054	707-0XL1-054
EasyFix 	707-0XK4-054	707-0XL4-054

Drilling patterns for hinge cups → see page 2.17

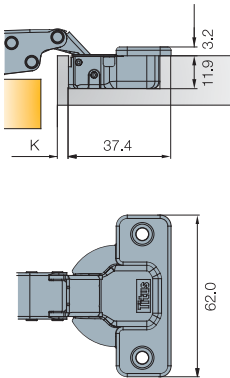
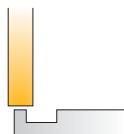
Cranking
0mm



150 Pcs

Made of steel

Cranking
5mm



150 Pcs

Made of steel

	707-0YK0-054	707-0YL0-054
	707-0YK1-054	707-0YL1-054
EasyFix 	707-0YK4-054	707-0YL4-054

Drilling patterns for hinge cups → see page 2.17

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Push opening



PushOpen Solutions

→ see pages 2.199-2.204

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready



EasyFix system



Soft closing systems

Glissando TT

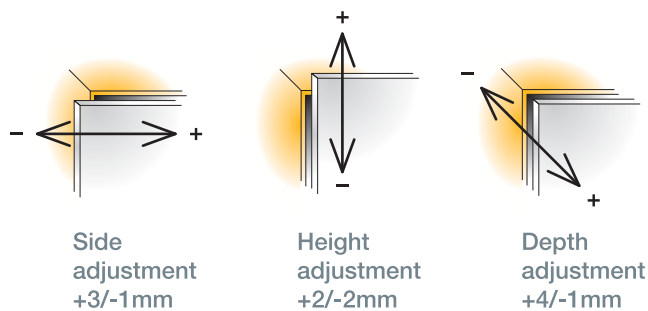
→ see page 2.193



Glissando CR

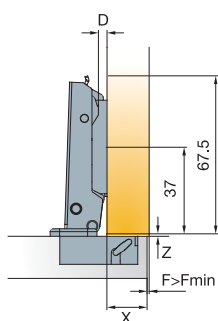
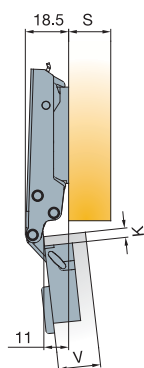
→ see page 2.199

Door adjustment



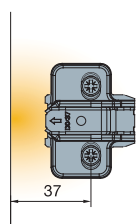
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

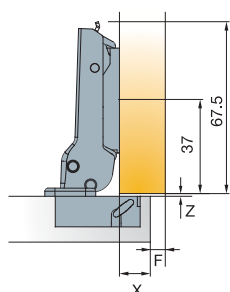
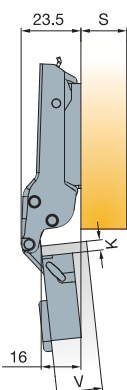


Mounting plate thickness table

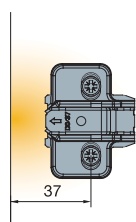
For further explanation → see page 2.13

X	13	14	15	16	17	18	19	20	21	22
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0

$$D=13+K-X$$



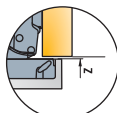
Drawings show application on D=0mm mounting plate



X	8	9	10	11	12	13	14	15	16	17
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0

$$D=8+K-X$$

Gap Z

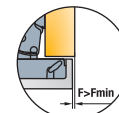


V	20	22	24	26	28	30	32	34
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
K 6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	1.6	1.7	1.8	2.0	2.1	2.3

Z_{MIN}

Door clearance at R=1mm

For further explanation → see page 2.14

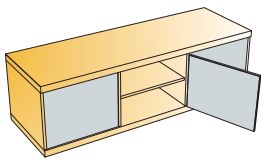
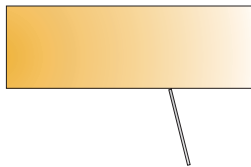
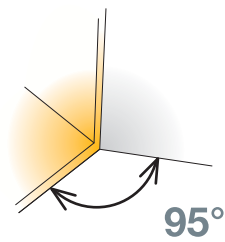


V	20	22	24	26	28	30	32	34
3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8
4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1
5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5
K 6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9
7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3
8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8
9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4

F_{MIN}

T-type 95 Thick Door Hinge

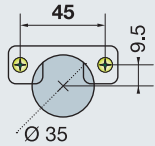
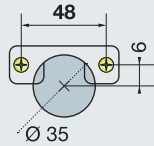
For wood doors



- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

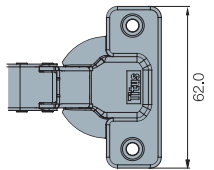
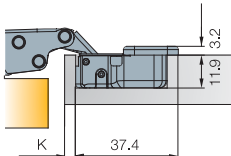
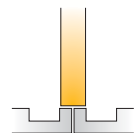


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number

Cranking

9mm



	707-0ZK0-054	707-0ZL0-054
	707-0ZK1-054	707-0ZL1-054
	707-0ZK4-054	707-0ZL4-054

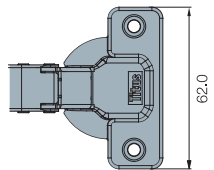
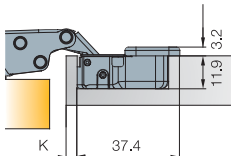
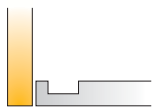
Drilling patterns for hinge cups → see page 2.17

150 Pcs

Made of steel

Cranking

17mm



	707-0WK0-054	707-0WL0-054
	707-0WK1-054	707-0WL1-054
	707-0WK4-054	707-0WL4-054

Drilling patterns for hinge cups → see page 2.17

150 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



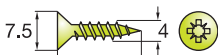
Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



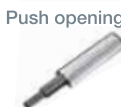
820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



PushOpen Solutions
→ see pages 2.199-2.204

Legend of hinge cup symbols



Screw-on ready
← screws



Machine insertion ready



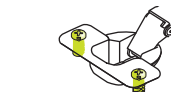
EasyFix system



Soft closing systems

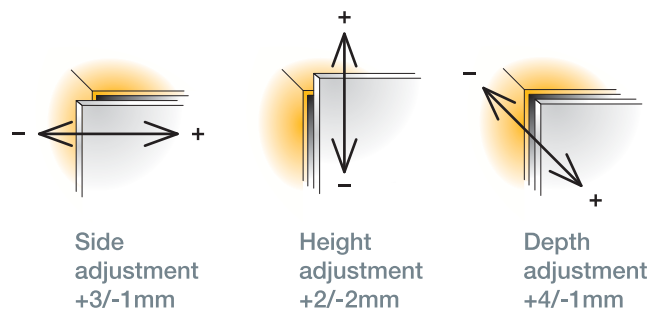


Glissando TT
→ see page 2.193



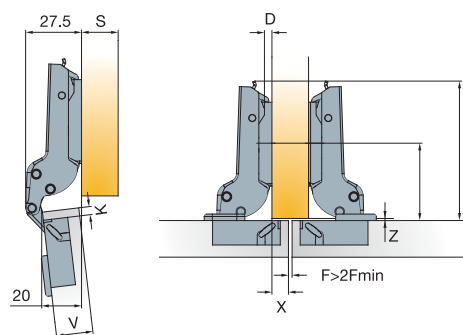
Glissando CR
→ see page 2.199

Door adjustment



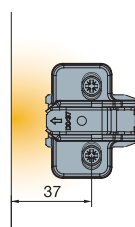
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance

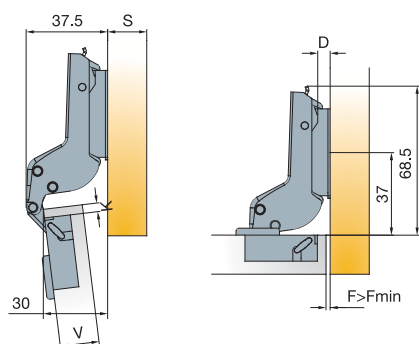


Mounting plate thickness table

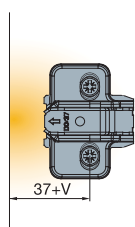
For further explanation → see page 2.13

X	4	5	6	7	8	9	10	11	12	13
3	3	2	1	0						
4	4	3	2	1	0					
5		4	3	2	1	0				
K 6			4	3	2	1	0			
7				4	3	2	1	0		
8					4	3	2	1	0	
9						4	3	2	1	0
										D

$$D=4+K-X$$



Drawings show application on
D=2mm mounting plate



V	20	22	24	26	28	30	32
3	0	0	1	1	2	3	4*
4	1	1	2	2	3	4	4*
K 5	2	2	3	3	4	4	4*
6	3	3	4	4	4*	4*	
7	4	4	4*	4*	4*	4*	
							D

$$D=-4+K+F$$

*Hinge adjustment needed

Gap Z

V	20	22	24	26	28	30	32	34
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
K 6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	1.6	1.7	1.8	2.0	2.1	2.3
								Z _{MIN}

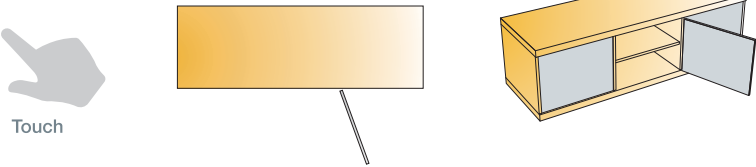
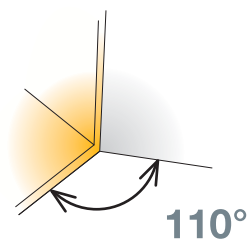
Door clearance at R=1mm

For further explanation → see page 2.14

V	20	22	24	26	28	30	32	34
3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8
4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1
5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5
K 6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9
7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3
8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8
9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4
								F _{MIN}

T-type 110 Unsprung Hinge

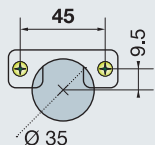
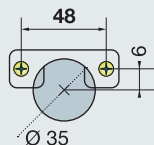
For wood doors



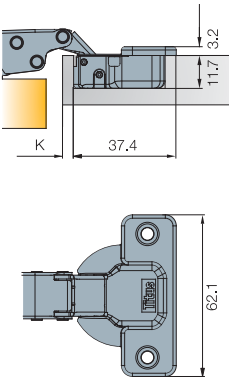
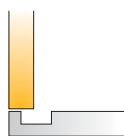
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
12mm
3Way snap-on



Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number

Cranking
0mm



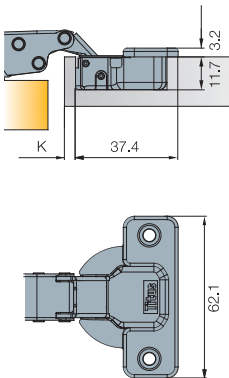
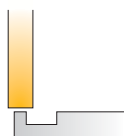
	704-0593-054	704-0672-054
		704-0553-054

Drilling patterns for hinge cups → see page 2.17

150 Pcs

Made of steel

Cranking
5mm



	704-0661-054	704-0673-054
		704-0604-054

Drilling patterns for hinge cups → see page 2.17

150 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform
mounting plate
→ see page 2.131



Cruciform mounting
plate
→ see page 2.133

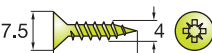


Cam adjustable linear
mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols



Screw-on
ready
← screws



EasyFix
system

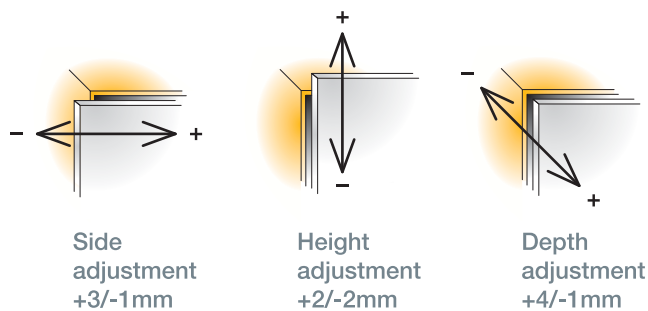


Hinge angle restrictor
→ see page 2.179

- Concealed hinge without spring to be used with PushOpen mechanisms with magnet

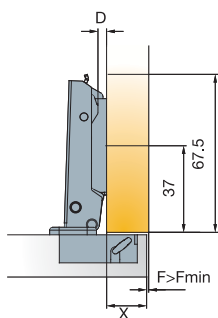
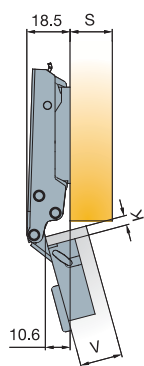
→ see pages 1.90-1.95

Door adjustment

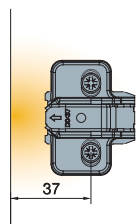


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=13+K-X$$

X	8	9	10	11	12	13	14
---	---	---	----	----	----	----	----

K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=8+K-X$$

Push opening

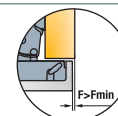


PushOpen Solutions

→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

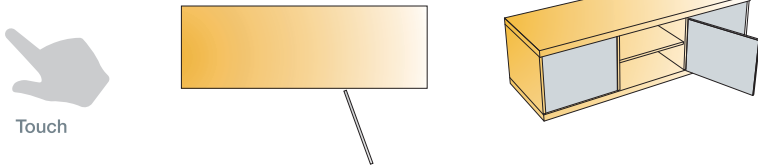
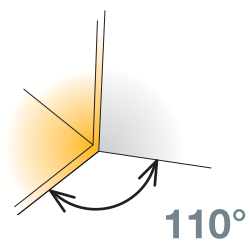


V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F _{MIN}

Gap $Z_{MIN}=0$

T-type 110 Unsprung Hinge

For wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
12mm
3Way snap-on



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	704-0595-054	704-0674-054
		704-0697-054

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



150 Pcs Made of steel

Mounting plates

- Cam adjustable cruciform mounting plate
→ see page 2.131
- Cruciform mounting plate
→ see page 2.133
- Cam adjustable linear mounting plate
→ see page 2.131
- Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted

- 7.5mm x 16mm x 4mm
820-6328-050
 10000 Pcs

Accessories

- Cover caps for hinge arm
→ see page 2.181

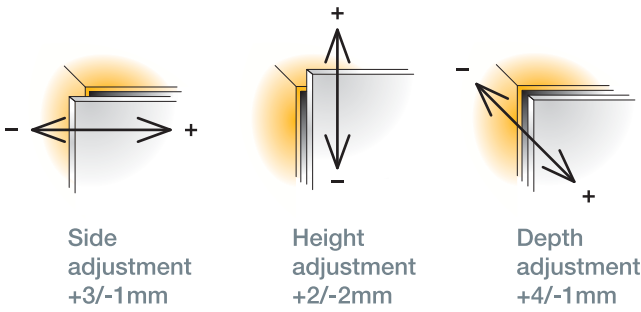
Legend of hinge cup symbols

- Screw-on ready
← screws
- EasyFix system
- Hinge angle restrictor
→ see page 2.179

· Concealed hinge without spring to be used with PushOpen mechanisms with magnet

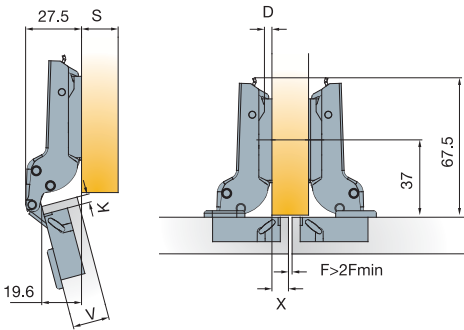
→ see pages 1.90-1.95

Door adjustment

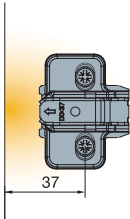


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	4	5	6	7	8	9	10	
K	3	3	2	1	0			
	4	4	3	2	1	0		
	5		4	3	2	1	0	
	6			4	3	2	1	0

$D=4+K-X$

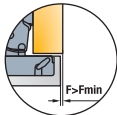
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

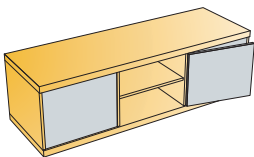
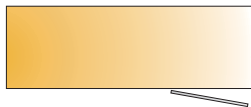
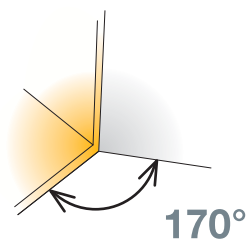


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9
		F _{MIN}										

Gap Z_{MIN}=0

T-type 170

For wood doors



- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



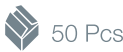
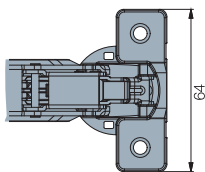
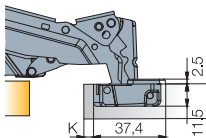
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	702-0EK0-054	702-0EL0-054
	702-0EK1-054	702-0EL1-054
EasyFix	702-0EK4-054	702-0EL4-054

Drilling patterns for hinge cups → see page 2.17

Cranking

0mm



50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



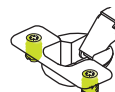
Screw-on ready
← screws



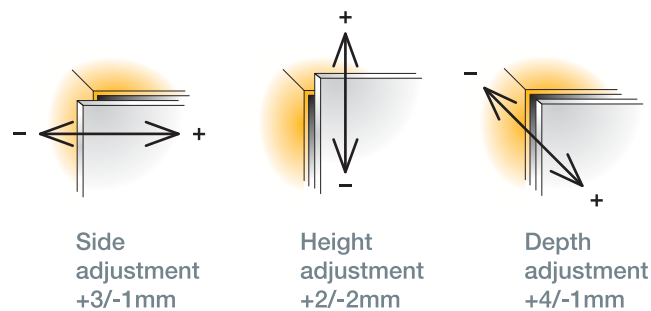
Machine insertion ready



EasyFix system

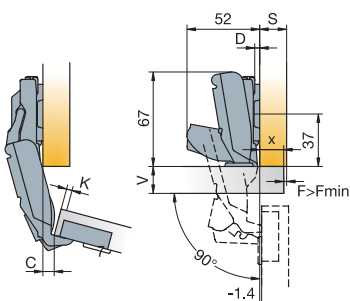


Door adjustment



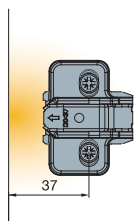
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate
No door protrusion in
90° position

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	13	14	15	16	17	18	19	20
3	3	2	1	0				
4	4	3	2	1	0			
5		4	3	2	1	0		
6			4	3	2	1	0	
7				4	3	2	1	0

$$D=13+K-X$$

C value with D=0 mounting plates

K	3	4	5	6	7
C	-9.0	-8.1	-7.1	-6.1	-5.2

Soft closing systems



Glissando TL 170
→ see page 2.195



Glissando CR
→ see page 2.199

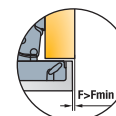
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14

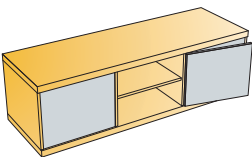
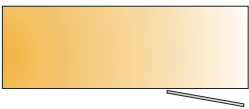
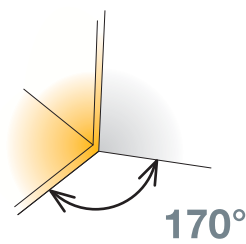


V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap Z_{MIN}=0.5

T-type 170

For wood doors



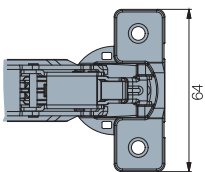
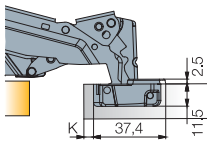
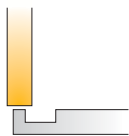
- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking
5mm



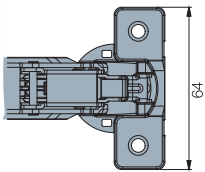
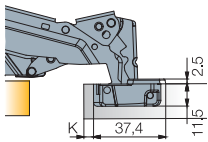
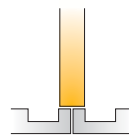
50 Pcs

Made of steel and zinc

	702-0FK0-054	702-0FL0-054
	702-0FK1-054	702-0FL1-054
	702-0FK4-054	702-0FL4-054

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



50 Pcs

Made of steel and zinc

	702-0GK0-054	702-0GL0-054
	702-0GK1-054	702-0GL1-054
	702-0GK4-054	702-0GL4-054

Drilling patterns for hinge cups → see page 2.17

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133

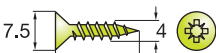


Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



Screw-on ready
← screws



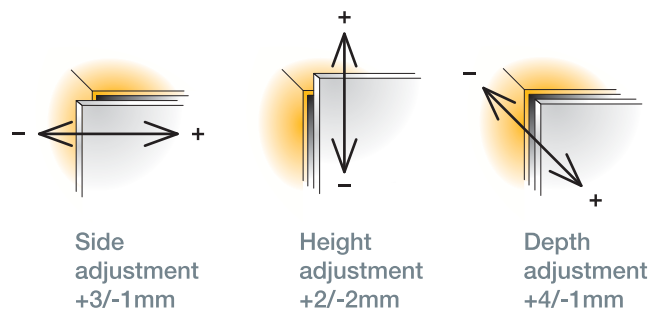
Machine insertion ready



EasyFix system

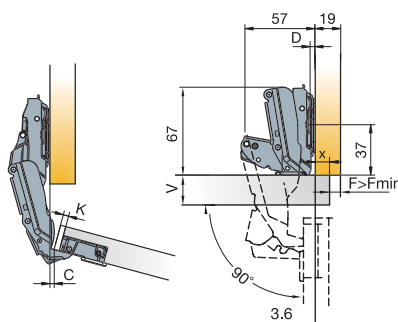


Door adjustment



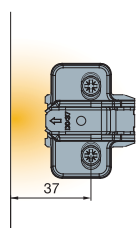
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

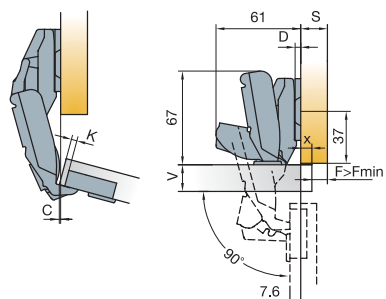


Mounting plate thickness table

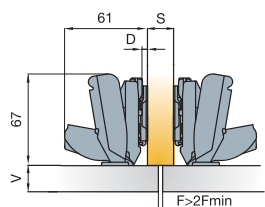
For further explanation → see page 2.13

X	8	9	10	11	12	13	14
3	3	2	1	0			
4	4	3	2	1	0		
K 5		4	3	2	1	0	
6			4	3	2	1	0

$$D=8+K-X$$



Drawings show application on D=0mm mounting plate



Drawing show application on D=0mm mounting plate

X	1	2	3	4	5	6	7	8	9	10	11
3	6			3	2	1	0				
4		6			3	2	1	0			
K 5			6			3	2	1	0		
6				6			3	2	1	0	
7					6			3	2	1	0

$$D=4+K-X$$

Soft closing systems



Glissando TL 170
→ see page 2.195



Glissando CR
→ see page 2.199

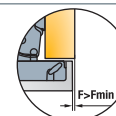
Push opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation → see page 2.14



V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

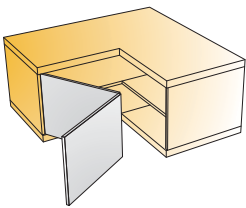
F_{MIN}

Gap Z_{MIN}=0.5

T-type

for Pie-cut Corner Cabinet

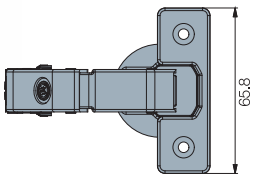
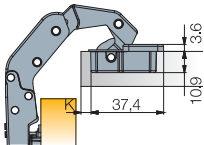
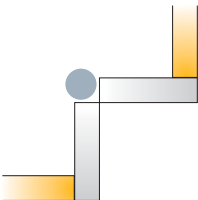
For wood doors



- Opening angle 70°/25°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11mm
- Hinge on plate mounting system 3Way snap-on



Corner cabinet



Cup type	Interaxis 45mm	Interaxis 48mm
Item number	721-0PK0-650	721-0PL0-650
Item number	721-0PK4-650	721-0PL4-650
Item number	721-0PK6-650	

Drilling patterns for hinge cups → see page 2.17



50 Pcs

Cup made of zinc, arm made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133



Cam adjustable linear mounting plate
→ see page 2.131



Face frame adapter plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



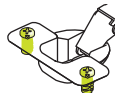
Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols

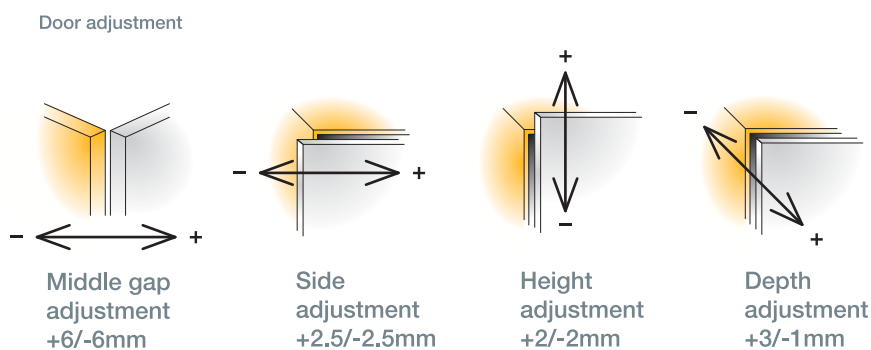
Screw-on ready
← screws

EasyFix system

PressTo PressTo Tool-less mounting



· Use in pair with 170° hinge

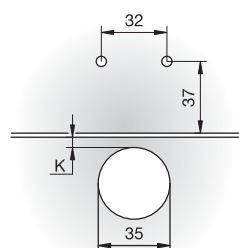
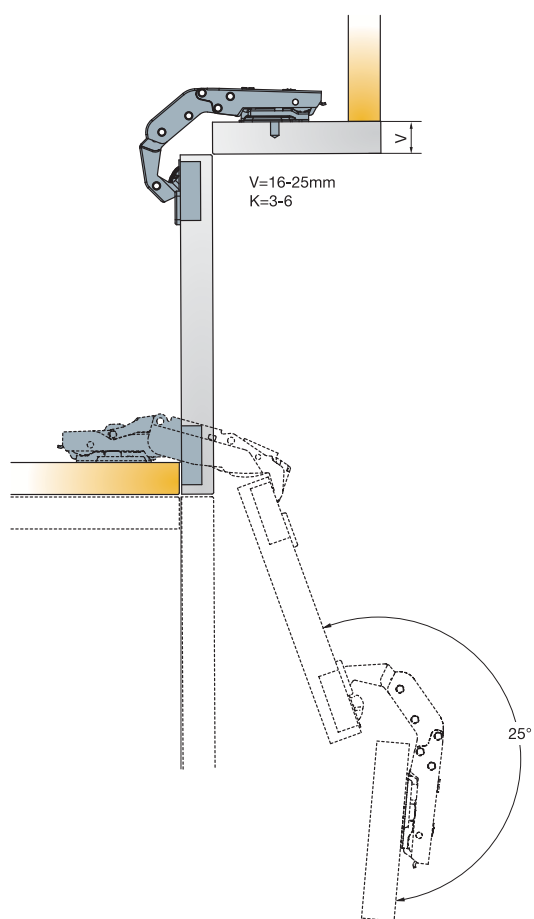


For further explanation → see pages 2.22-2.24

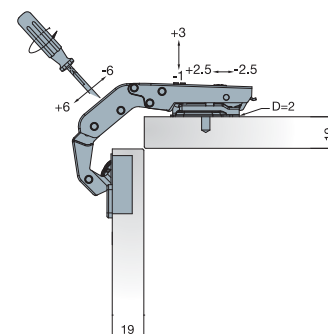
Mounting details

Mounting plate drilling distance

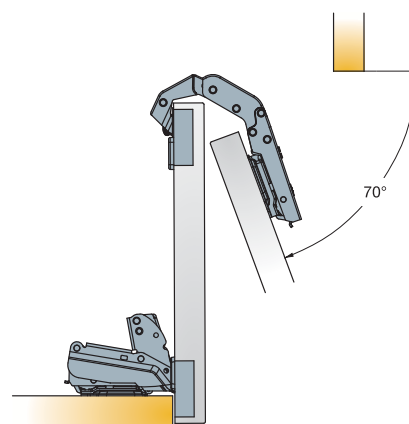
Adjustments



Any T-type mounting plate can be used



The adjustment of the gap between two doors is done by rotating the adjustment screw as shown on the drawing



Drawings show application on D=2mm mounting plate

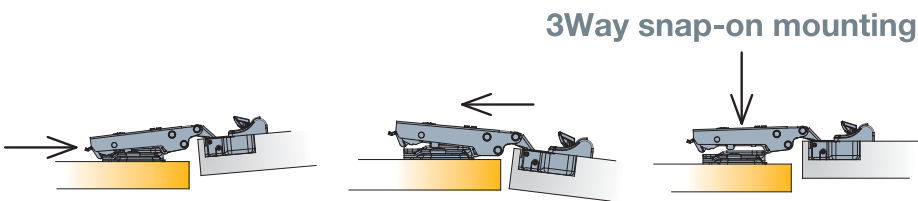
Push opening



PushOpen Solutions

→ see pages 2.199-2.204

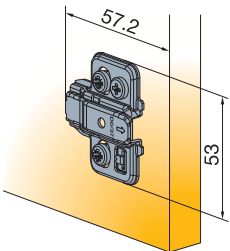
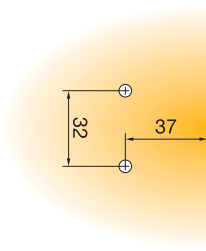
T-type Mounting Plates



Cam adjustable cruciform
mounting plate 37mm

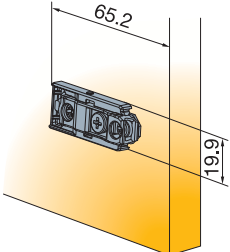
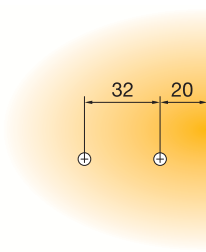
Drilling pattern

Dimensions



 150 Pcs Made of steel

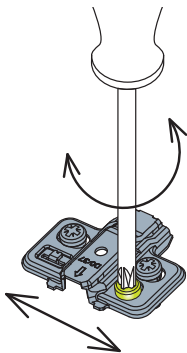
Cam adjustable linear
mounting plate



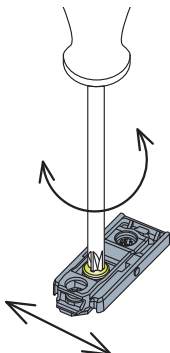
 150 Pcs Made of steel and zinc



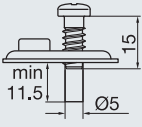
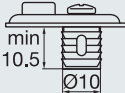
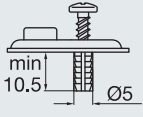
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type	 15		 10.5	 15	
Mounting plate thickness (D)					
Item number					
0mm	700-0KC0-054	700-0KB0-054	700-0KF0-054	700-0KA0-054	
1mm	700-0KC1-054	700-0KB1-054	700-0KF1-054	700-0KA1-054	
2mm	700-0KC2-054	700-0KB2-054	700-0KF2-054	700-0KA2-054	
3mm	700-0KC3-054	700-0KB3-054	700-0KF3-054	700-0KA3-054	
4mm	700-0KC4-054	700-0KB4-054	700-0KF4-054	700-0KA4-054	
0mm	700-0LC0-650	700-0LB0-650	700-0LF0-650		
2mm	700-0LC2-650	700-0LB2-650	700-0LF2-650		
3mm	700-0LC3-650	700-0LB3-650	700-0LF3-650		

Legend of mounting plate type symbols



Pre-mounted
15mm euro screws



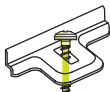
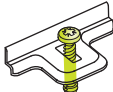
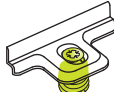
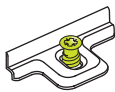
Machine
insertion ready



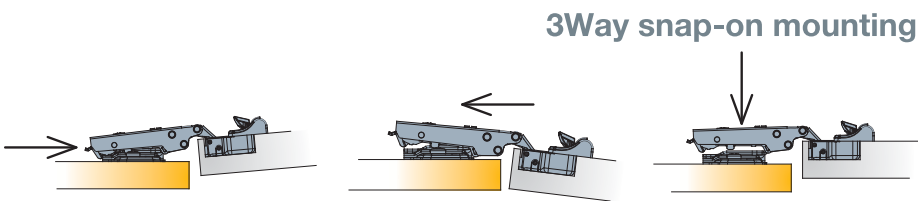
Pre-mounted
10.5mm
expanding dowels



Pre-mounted
chipboard screw



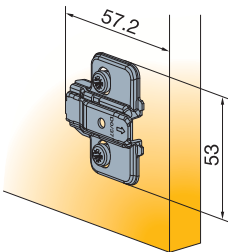
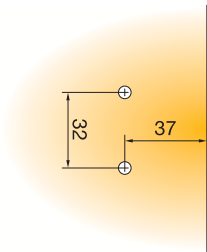
T-type Mounting Plates



Cruciform mounting plate 37mm

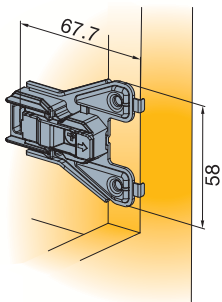
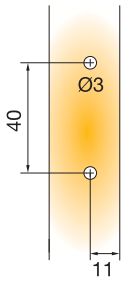
Drilling pattern

Dimensions



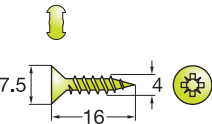
150 Pcs Made of steel

Cam adjustable
face frame mounting plate



150 Pcs Made of steel and zinc

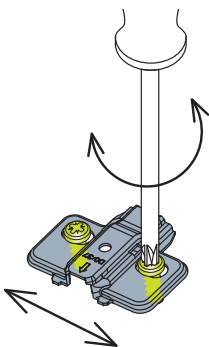
Fixing screw for cruciform mounting plate
If not pre-mounted



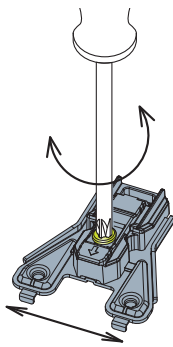
Chipboard screws
820-6328-050
 10000 Pcs



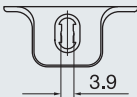
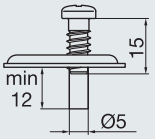
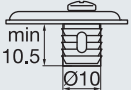
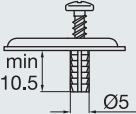
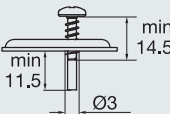
Mounting plate thickness



Height adjustment +2/-2mm



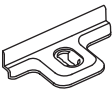
Height adjustment +2/-2mm

Mounting plate type		 15		 10.5	 14.5		
Mounting plate thickness (D)							
Item number							
0mm	700-0NA0-054	700-0NC0-054	700-0NB0-054	700-0NF0-054	700-0NE0-054		
1mm	700-0NA1-054	700-0NC1-054	700-0NB1-054	700-0NF1-054	700-0NE1-054		
2mm	700-0NA2-054	700-0NC2-054	700-0NB2-054	700-0NF2-054	700-0NE2-054		
3mm	700-0NA3-054	700-0NC3-054	700-0NB3-054	700-0NF3-054	700-0NE3-054		
4mm	700-0NA4-054	700-0NC4-054	700-0NB4-054	700-0NF4-054	700-0NE4-054		
0mm						700-0KW0-650	
3mm						700-0KW3-650	
6mm						700-0KW6-650	

Legend of mounting plate type symbols

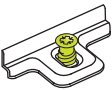


Screw-on ready for chipboard screws
← screws



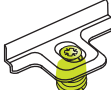
 15

Pre-mounted 15mm euro screws





Machine insertion ready



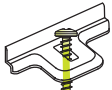
 10.5

Pre-mounted 10.5mm expanding dowels

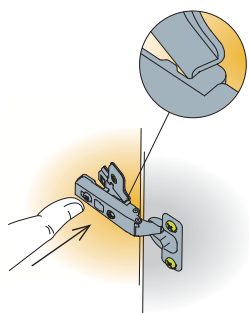


 14.5

Pre-mounted chipboard screw

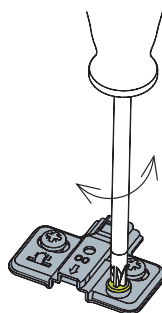


S-type Hinges



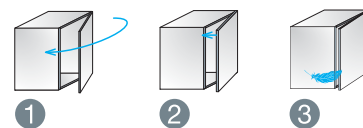
Snap-on mounting system

- Easy and quick assembly and disassembly
- Flexibility for the furniture user
- Tight hinge-to-plate joint improves hinge stability and reduces door sag



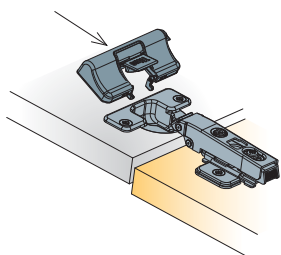
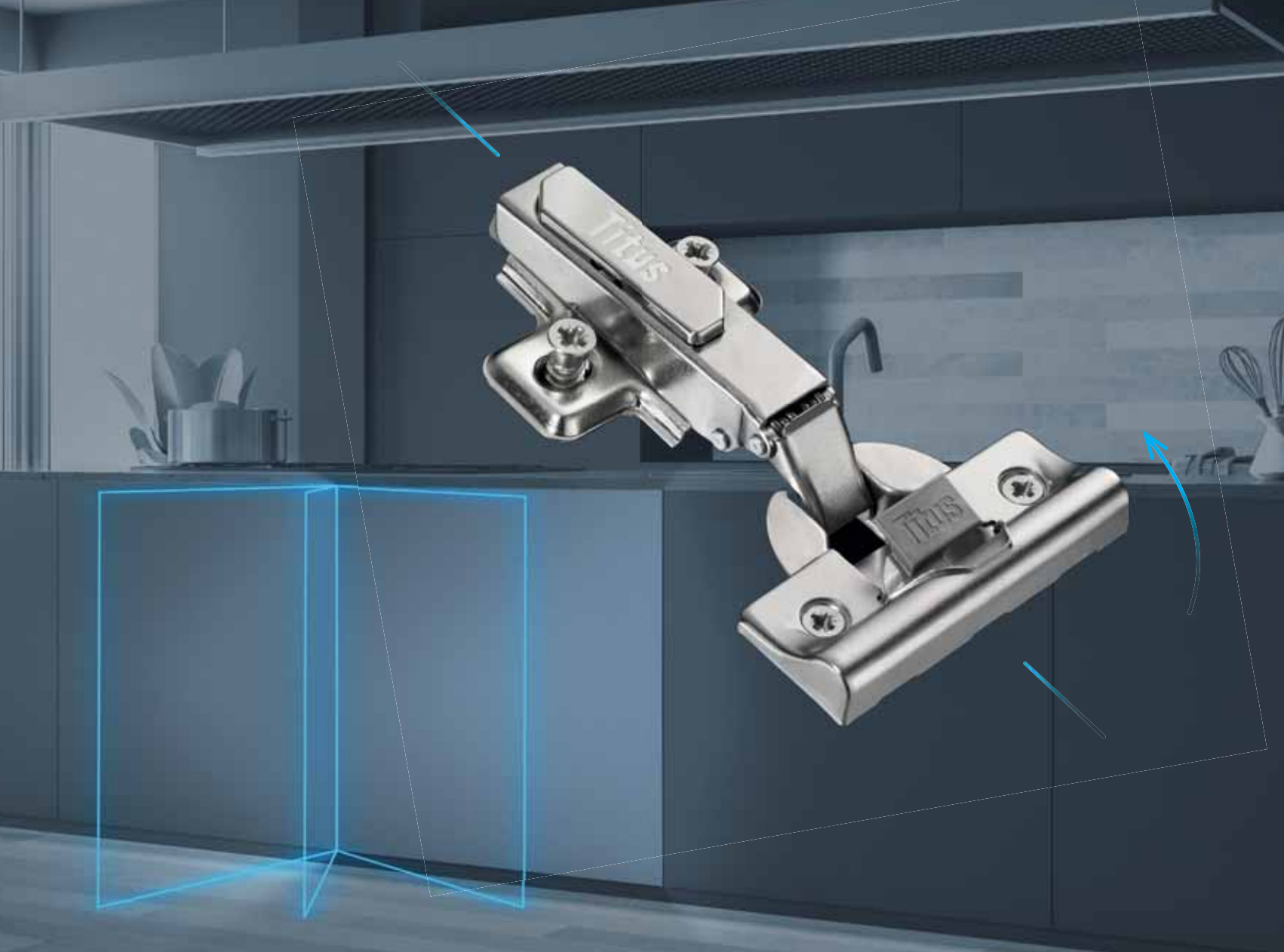
Easily accessible height adjustment with cam

- Intuitive and quick height adjustment
- Consumer friendly



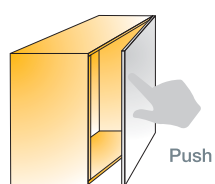
ConfidentClose

- 1 Fast closing
- 2 Late start of deceleration action
- 3 Quiet landing with SoftTouch



Soft closing options

- Integrated
- Glissando add-on
- Stand-alone

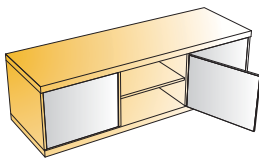
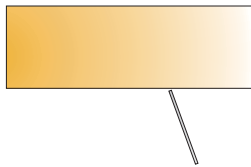
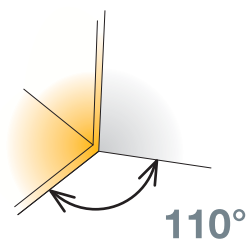


Touch opening

- Guarantees effortless opening
- Elegant cabinet design
- Doors without handles

S-type-i3 110

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on

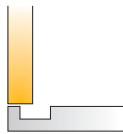


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

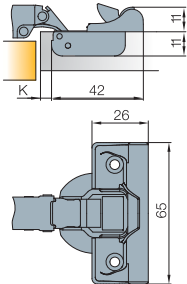
Cranking

0mm



200 Pcs

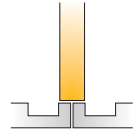
Made of steel and plastic



	242-0970-054	242-0971-054
Drilling patterns for hinge cups → see page 2.17		

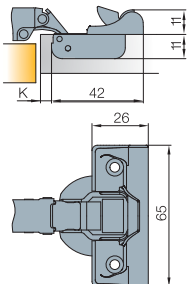
Cranking

9mm



200 Pcs

Made of steel and plastic



	242-0976-054	242-0977-054
Drilling patterns for hinge cups → see page 2.17		

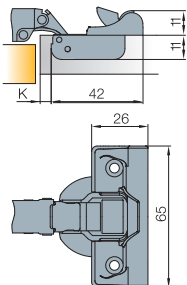
Cranking

15mm



200 Pcs

Made of steel and plastic



	242-0997-054	242-0998-054
Drilling patterns for hinge cups → see page 2.17		

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



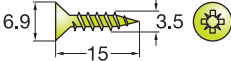
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



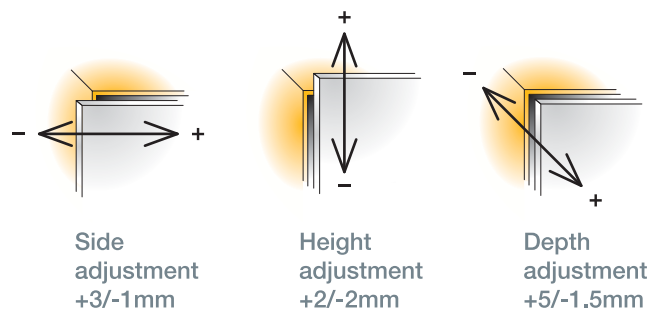
Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols

Screw-on ready
← screws

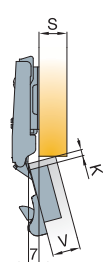


Door adjustment



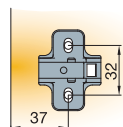
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

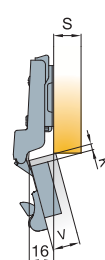


Mounting plate thickness table

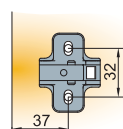
For further explanation → see page 2.13

X	13	14	15	16	17	18
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0

$$D=13+K-X$$

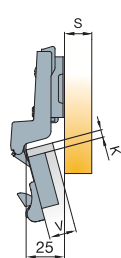


Drawings show application on D=0mm mounting plate

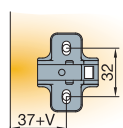


X	4	5	6	7	8	9
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0

$$D=4+K-X$$



Drawings show application on D=3mm mounting plate



V	16	17	18	19	20	21
3	2	2	2	3	3	3
K 4	3	3	3			
5	3					

$$D=-2+K+F$$

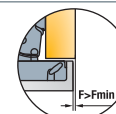
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

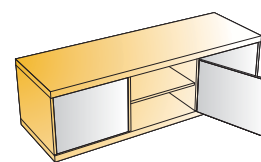
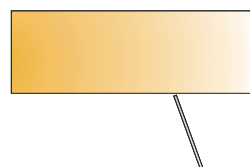
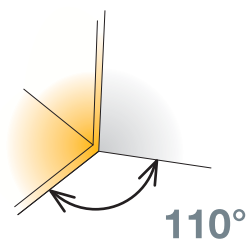


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type-i3 110/15°

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on

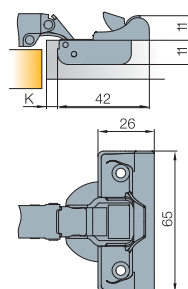
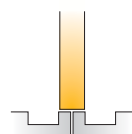


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	242-0W71-650	242-0W72-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



Made of steel and plastic

Mounting plates



Cam adjustable cruciform mounting plate
.....> see page 2.131

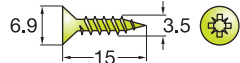


Cruciform mounting plate
→ see page 2.133



Face frame adapter
.....> see page 2.135

Hinge cup screws
If not pre-mounted



820-6308-050

 10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

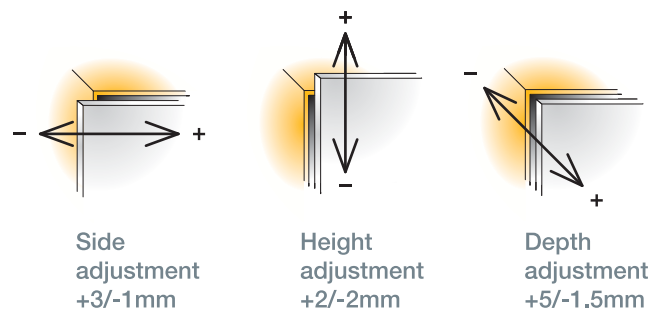
Legend of hinge cup symbols



Screw-on
ready
← screws

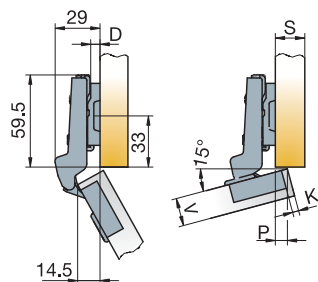


Door adjustment



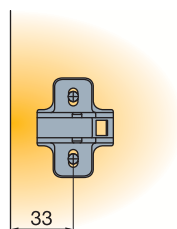
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0 and K=4mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

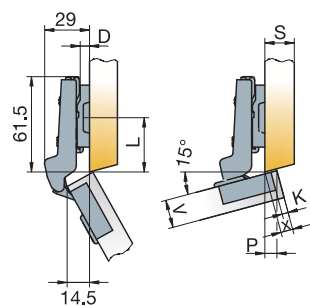
X	4	5	6	7	8	9	
3	3	2	1	0			
K 4		3	2	1	0		
5			3	2	1	0	D

$D=4+K-X$

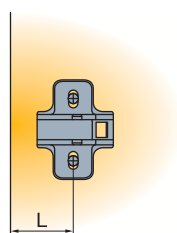
X, P 1 2 3 7 8 9 10 11 12

3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0

D



Drawings show application on D=0 and K=4mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=36 for thickness D=2
L=35 for thickness D=3
L=33 for thickness D=9

Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

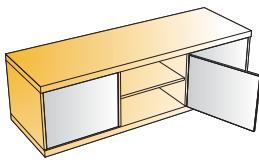
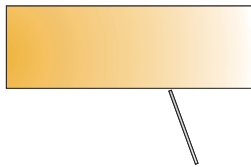
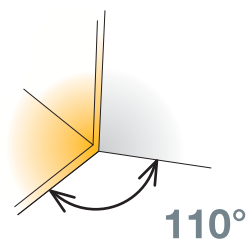


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type-i3 110/24°

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on



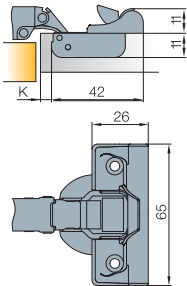
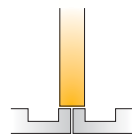
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	242-0W48-650	

Drilling patterns for hinge cups → see page 2.17

Cranking

9mm



200 Pcs

Made of steel and plastic

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



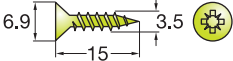
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



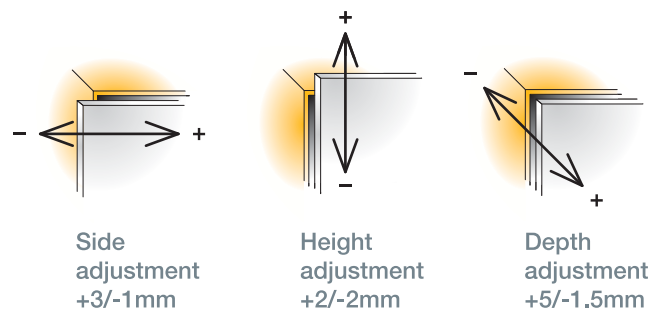
Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols

Screw-on ready
← screws

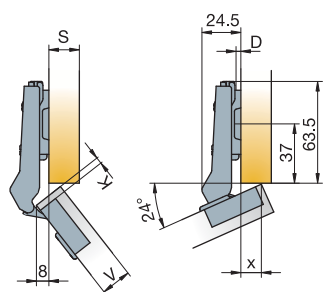


Door adjustment

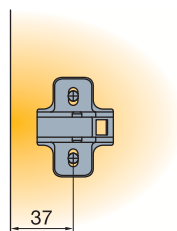


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	3	4	5	9	10	11	12	13	14
K	3	9		3	2	1	0		
	4		9		3	2	1	0	
	5			9		3	2	1	0
									D

Drawings show application on
D=0mm mounting plate

Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

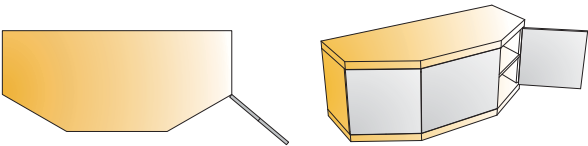
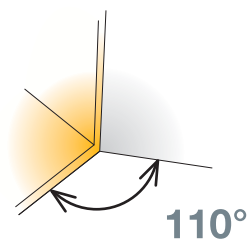


V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

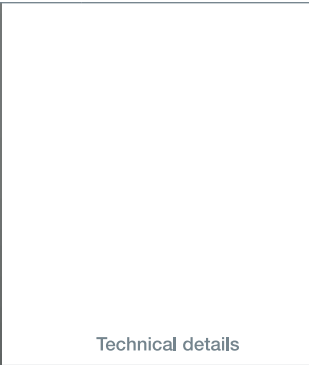
S-type-i3 110/30°

30° angled application for wood doors



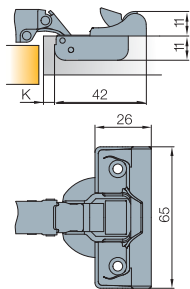
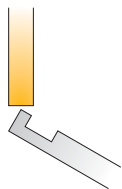
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number

Cranking
9mm



Drilling patterns for hinge cups → see page 2.17



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



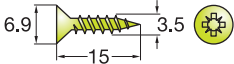
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

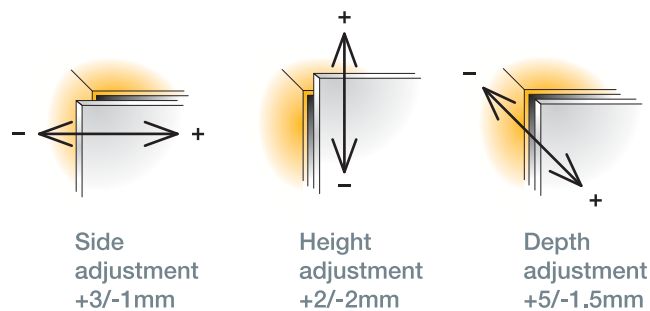
Legend of hinge cup symbols



Screw-on ready
← screws

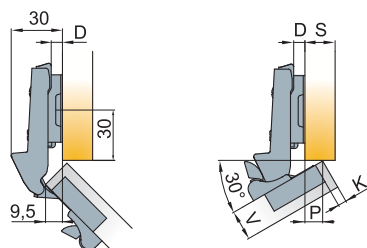


Door adjustment

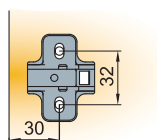


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

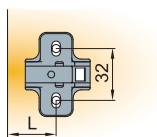
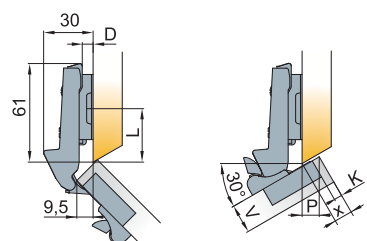


Mounting plate thickness table

For further explanation → see page 2.13

P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0

Drawings show application on
D=3mm mounting plate



X	2	3	4	9	10	11	12	13	14	15
3	9			3	2			0		
K 4		9			3	2			0	
5			9			3	2			0

Drawings show application on
D=3mm mounting plate

L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

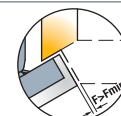
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

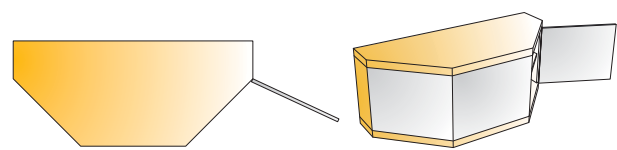
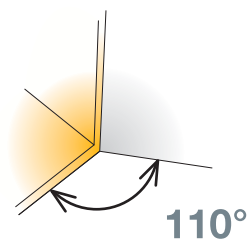


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

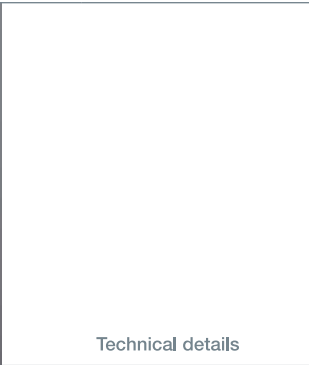
S-type-i3 110/45°

45° angled application for wood doors



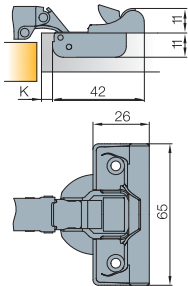
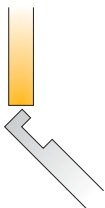
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on

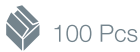


	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number

Cranking
9mm



Drilling patterns for hinge cups → see page 2.17



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



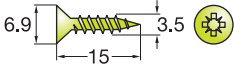
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

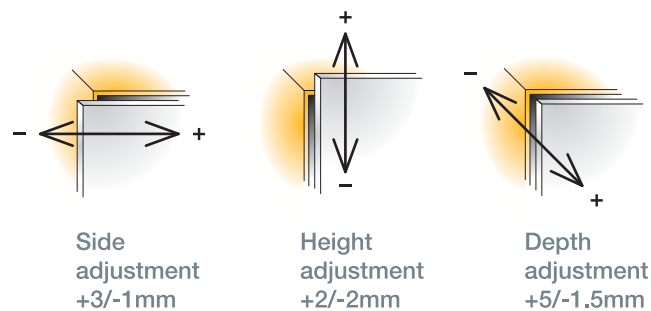
Legend of hinge cup symbols



Screw-on ready
← screws

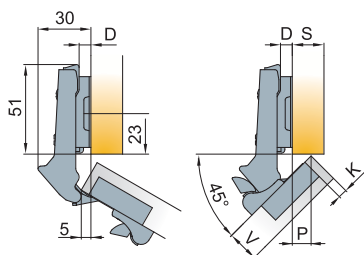


Door adjustment

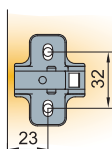


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

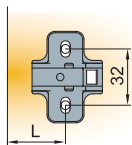
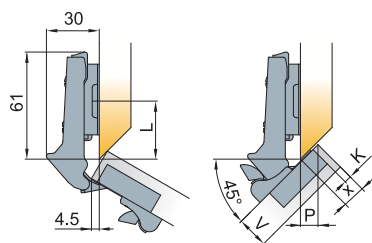


Mounting plate thickness table

For further explanation → see page 2.13

P	9	9.5	10	10.5	11	11.5	12	12.5	13.5
3	3		2		1		0		
K 4		3		2		1		0	
5				3		2		1	0 D

Drawing show application on
D=3mm mounting plate

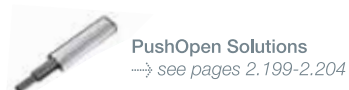


X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18
3	3		2			1			0			
K 4		3			2			1			0	
5					3		2			1		0 D

Drawings show application on
D=3mm mounting plate

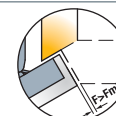
L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Touch opening



Door clearance

For further explanation → see page 2.14

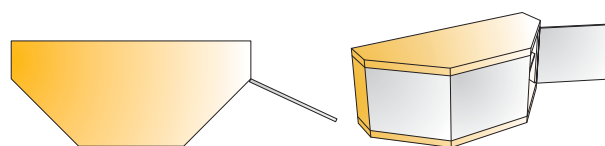
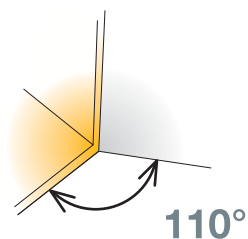


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

S-type-i3 110/45°

45° angled application for wood doors

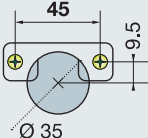
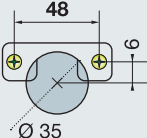


- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
snap-on

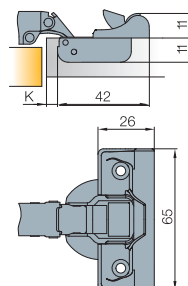
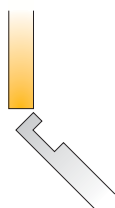


Technical details

	Interaxis 45mm 	Interaxis 48mm 
	Cup type Item number	Item number
	242-0G76-650	242-0H17-650

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
.....> see page 2.131

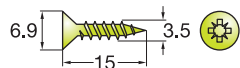


Cruciform mounting plate
→ see page 2.133



Face frame adapter
.....> see page 2.135

Hinge cup screws
If not pre-mounted



820-6308-050

 10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

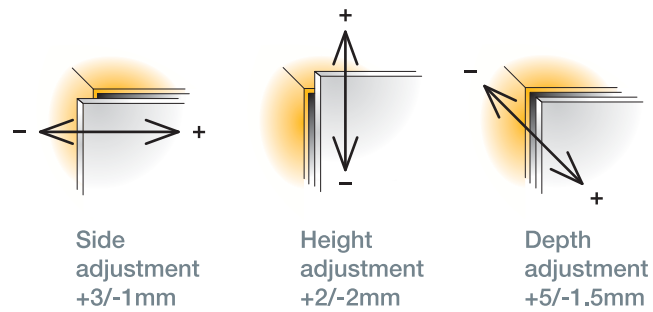
Legend of hinge cup symbols



Screw-on
ready
← screws

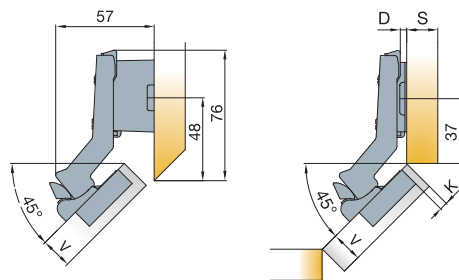


Door adjustment



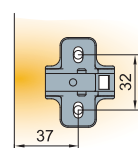
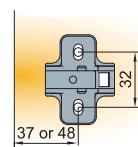
For further explanation → see pages 2.22-2.24

Mounting details



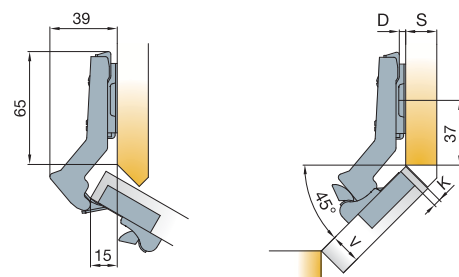
Drawing shows application on
D=18mm mounting plate

Drawing shows application on
D=0mm mounting plate



Mounting plate thickness table

For further explanation → see page 2.13



Drawings show application on
D=0mm mounting plate

K	3	4	5	
	0	1	2	D

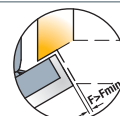
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

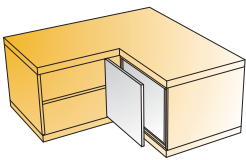
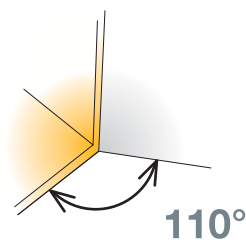


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type-i3 110/90°

For wood door cabinets with blind panels

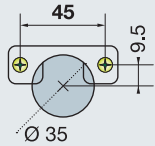
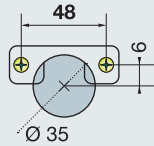


- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

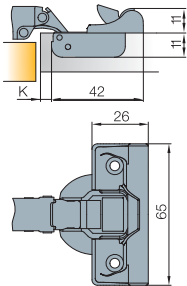
110°
35mm
min. 11mm
snap-on



Technical details

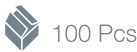
	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number

Cranking
18mm



	242-0Y45-650	242-0Y46-650
---	--------------	--------------

Drilling patterns for hinge cups → see page 2.17



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform
mounting plate
→ see page 2.131



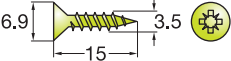
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050



10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

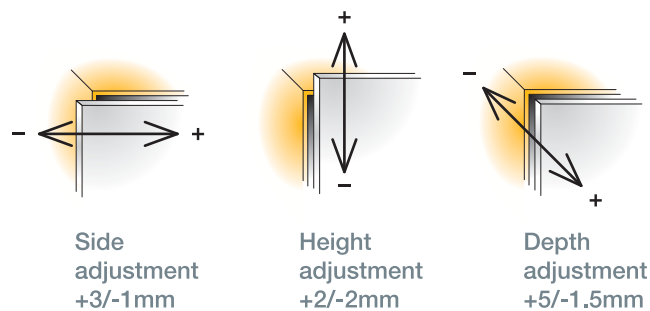
Legend of hinge cup symbols



Screw-on
ready
← screws

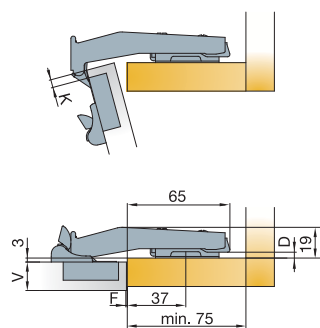


Door adjustment



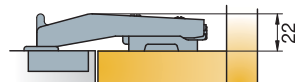
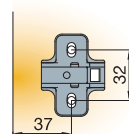
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Drawing shows application on D=3mm mounting plate
Door aligned with blind panel

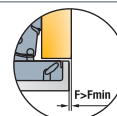
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

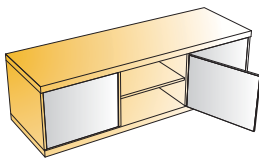
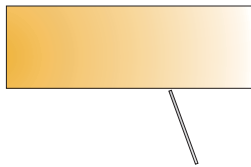
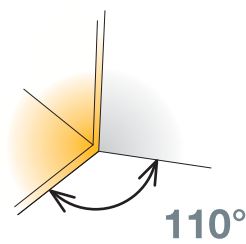


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type 110

For wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
11.5mm
snap-on



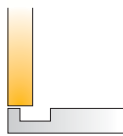
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248-0535-050	248-0532-050
	248-0171-050	248-0172-050
	248-0186-050	248-0188-050
Drilling patterns for hinge cups → see page 2.17		

	248-0536-050	248-0533-050
	248-0279-050	248-0327-050
	248-0482-050	248-0545-050
Drilling patterns for hinge cups → see page 2.17		

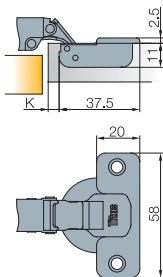
	248-0537-050	248-0534-050
	248-0280-050	248-0328-050
	248-0487-050	248-0547-050
Drilling patterns for hinge cups → see page 2.17		

Cranking
0mm

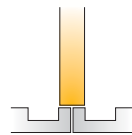


200 Pcs

Made of steel

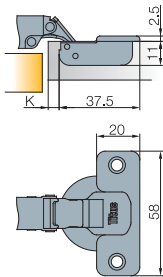


Cranking
9mm



200 Pcs

Made of steel

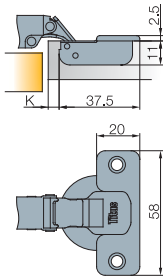


Cranking
15mm



200 Pcs

Made of steel



Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



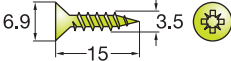
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



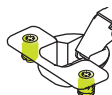
Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols

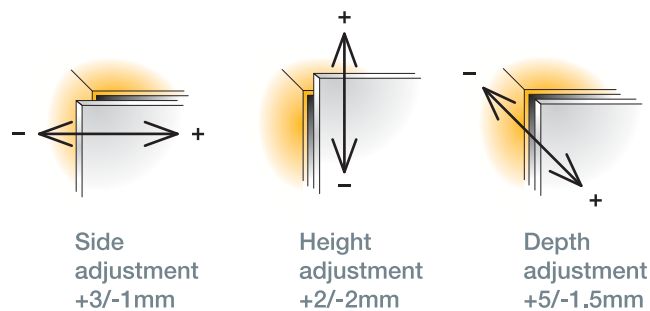
Screw-on ready
← screws

Machine insertion ready

EasyFix system

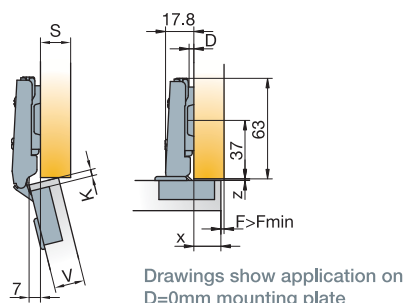


Door adjustment

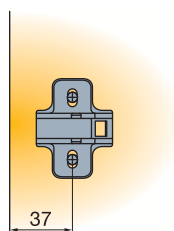


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

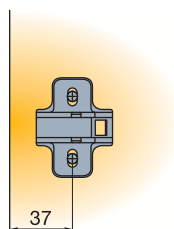
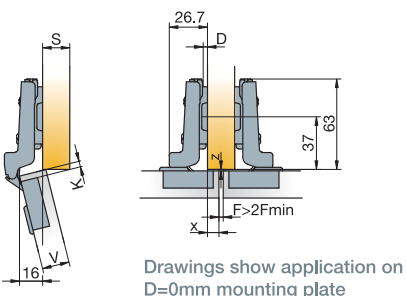


Mounting plate thickness table

For further explanation → see page 2.13

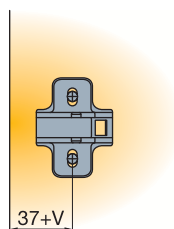
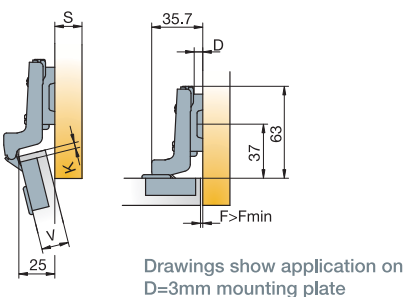
X	13	14	15	16	17	18
3	3	2	1	0		
K	4	3	2	1	0	
5			3	2	1	0

$$D=13+K-X$$



X	4	5	6	7	8	9
3	3	2	1	0		
K	4	3	2	1	0	
5			3	2	1	0

$$D=4+K-X$$



V	16	17	18	19	20	21
3	2	2	2	3	3	3
K	4	3	3			
5	3					

$$D=-2+K-F$$

Soft closing systems



Glissando TL3
→ see page 2.189



Glissando CR
→ see page 2.195

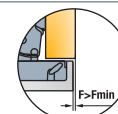
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

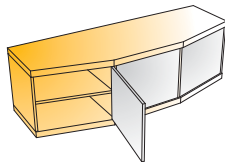
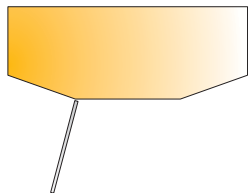
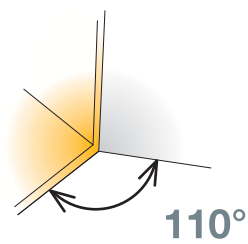


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K	4	0.3	0.5	0.7	0.9	1.2	1.6
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap $Z_{MIN}=0$

S-type 110/-15°

-15° angled application for wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
11.5mm
snap-on



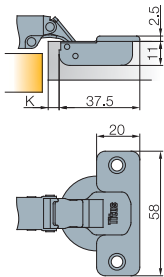
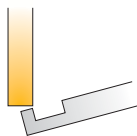
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0V14-050	248-0V39-050
	248-0V41-050	248-0V42-050

Drilling patterns for hinge cups → see page 2.17

Cranking

0mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



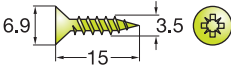
Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

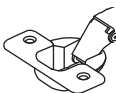


Hinge angle restrictor
→ see page 2.179

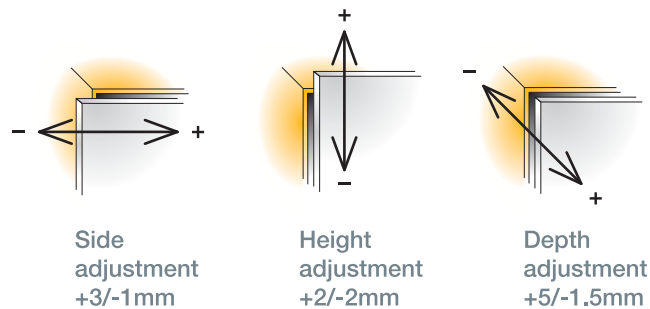
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

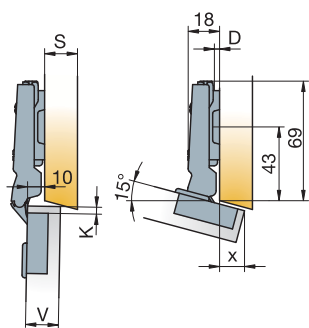


Door adjustment

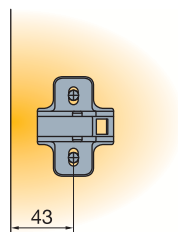


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	4	5	6	10	11	12	13	14	15
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0
									D

Drawings show application on
D=0mm mounting plate

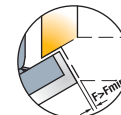
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

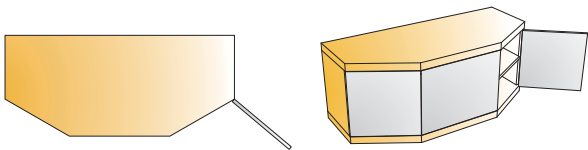
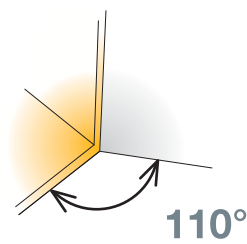


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type 110/15°

15° angled application for wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
11.5mm
snap-on

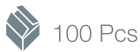
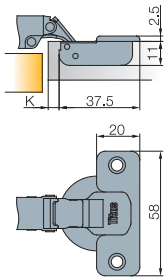
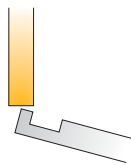


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248-0080-050	248-0V62-050

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



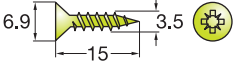
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

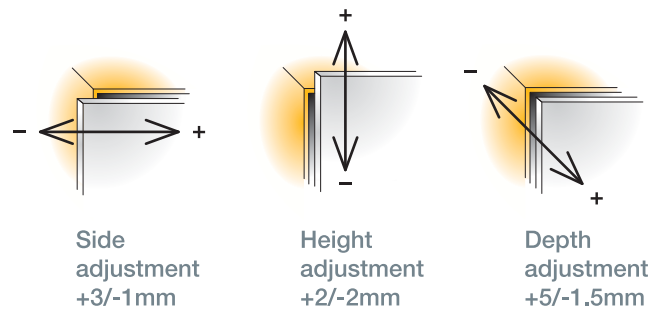
Legend of hinge cup symbols



Screw-on ready
← screws



Door adjustment



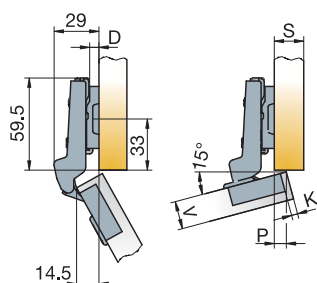
For further explanation → see pages 2.22-2.24

Mounting details

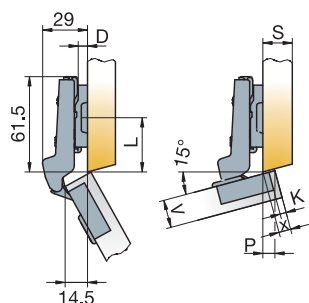
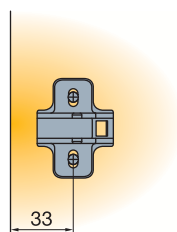
Mounting plate drilling distance

Mounting plate thickness table

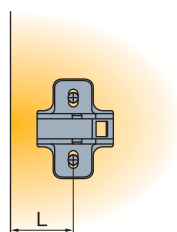
For further explanation → see page 2.13



Drawings show application on
D=0 and K=4mm mounting plate



Drawings show application on
D=0 and K=4mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=36 for thickness D=2
L=35 for thickness D=3
L=33 for thickness D=9

X, P	1	2	3	7	8	9	10	11	12
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0
									D

Soft closing systems



Glissando TL3
→ see page 2.189

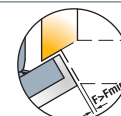
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

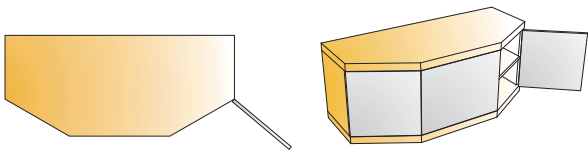
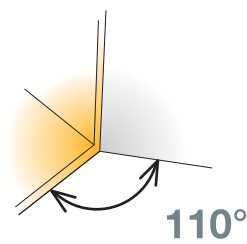


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type 110/24°

24° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

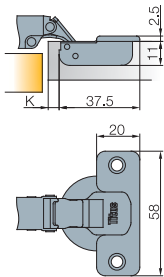
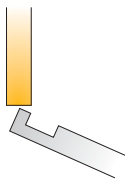


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248-0V18-050	248-0V45-050
	248-0V47-050	248-0V48-050

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



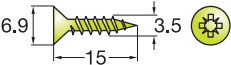
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

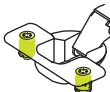


Hinge angle restrictor
→ see page 2.179

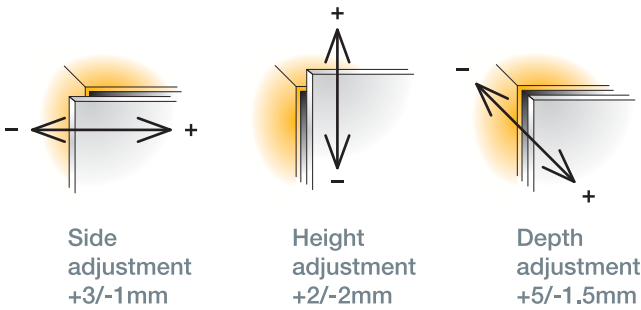
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

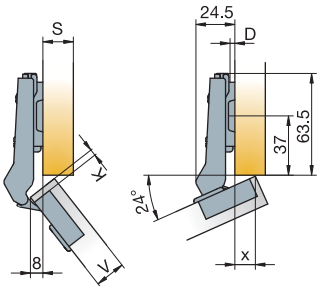


Door adjustment

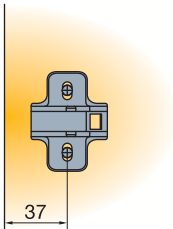


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table
For further explanation → see page 2.13

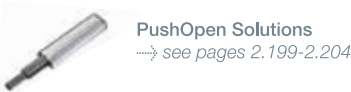
X	3	4	5	9	10	11	12	13	14	
K	3	9		3	2	1	0			
	4		9		3	2	1	0		
	5			9		3	2	1	0	D

Drawings show application on
D=0mm mounting plate

Soft closing systems



Touch opening



Door clearance
For further explanation → see page 2.14

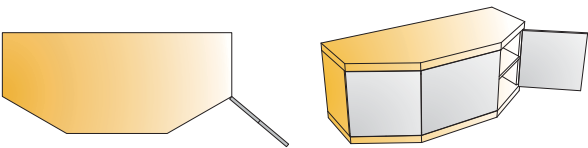
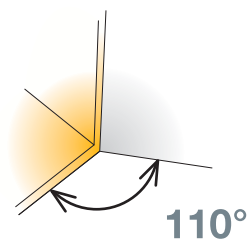


V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type 110/30°

30° angled application for wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
11.5mm
snap-on

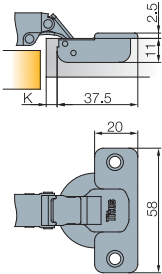
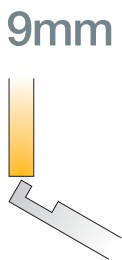


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248-0675-050	248-0665-050
	248-0N12-050	248-0N13-050

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



200 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



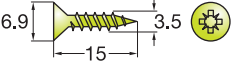
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

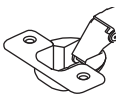


Hinge angle restrictor
→ see page 2.179

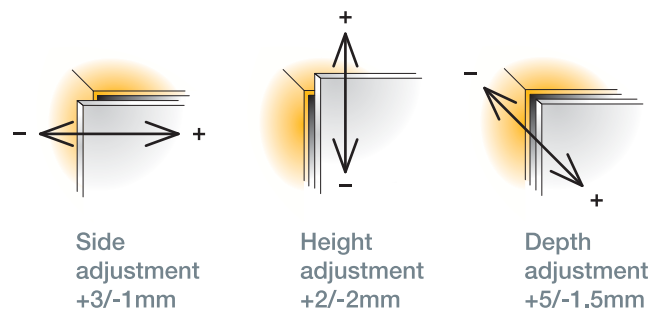
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

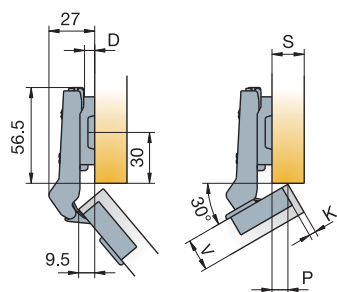


Door adjustment



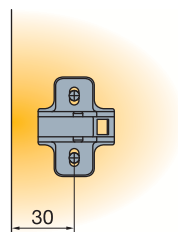
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=3mm mounting plate

Mounting plate drilling distance

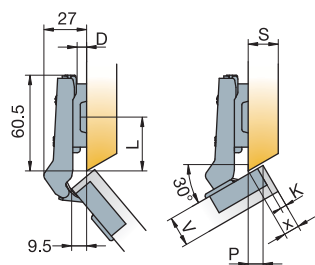


Mounting plate thickness table

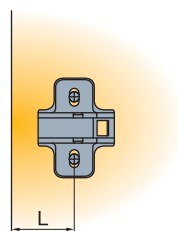
For further explanation → see page 2.13

P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0

D



Drawings show application on
D=3mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

X	2	3	4	9	10	11	12	13	14	15
3	9			3	2			0		
K 4		9			3	2			0	
5			9			3	2			0

D

Soft closing systems



Glissando TL3
→ see page 2.189

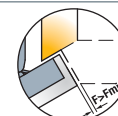
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14



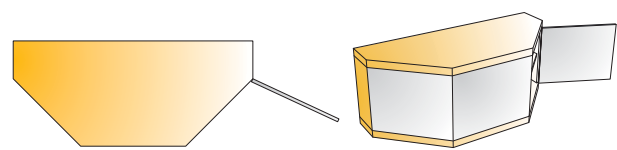
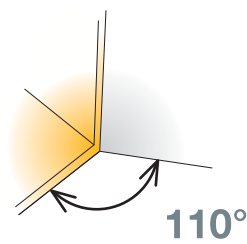
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type 110/45°

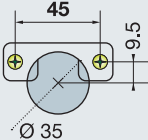
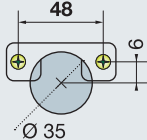
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

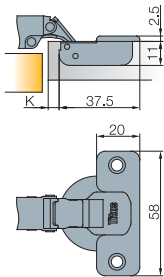
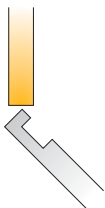


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0433-050	248-0431-050
	248-0N16-050	248-0N17-050

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



200 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



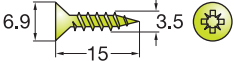
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

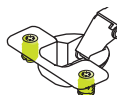
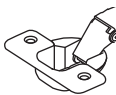


Hinge angle restrictor
→ see page 2.179

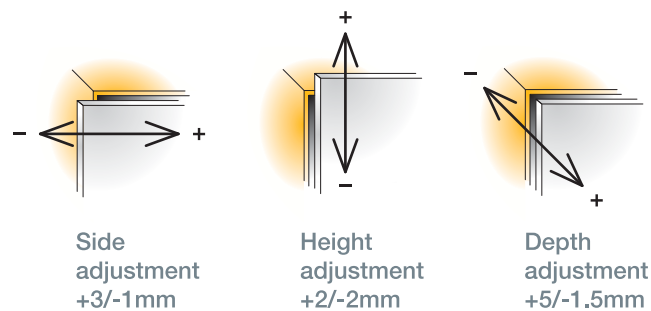
Legend of hinge cup symbols

 Screw-on ready
← screws

 Machine insertion ready



Door adjustment



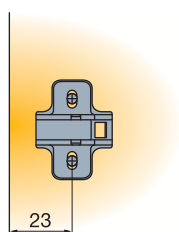
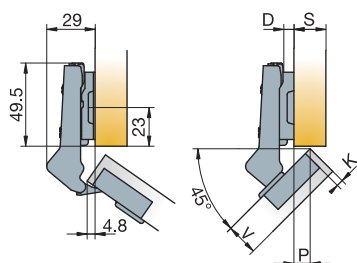
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

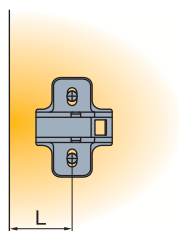
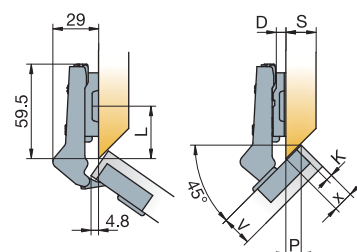
Mounting plate thickness table

For further explanation → see page 2.13



P	9	9.5	10	10.5	11	11.5	12	12.5	13.5
3	3		2		1		0		
K 4		3		2		1		0	
5				3		2		1	0 D

Drawings show application on
D=3mm mounting plate



X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18
3	3		2			1			0			
K 4		3			2			1			0	
5				3			2			1		0 D

Drawings show application on
D=3mm mounting plate

L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Soft closing systems



Glissando TL3
→ see page 2.189

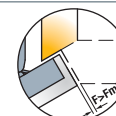
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

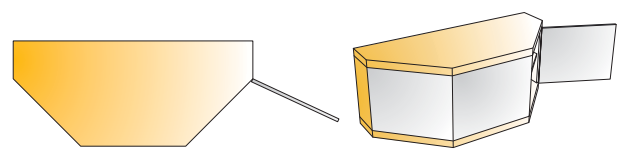
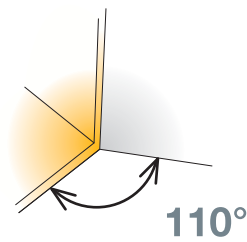


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

S-type 110/45°

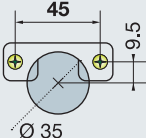
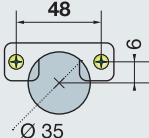
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

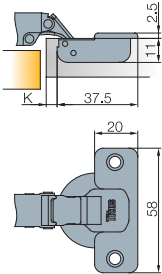
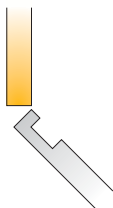


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0285-050	248-0283-050
	248-0N20-050	248-0N21-050

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



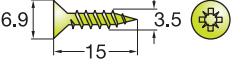
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

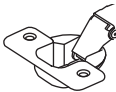


Hinge angle restrictor
→ see page 2.179

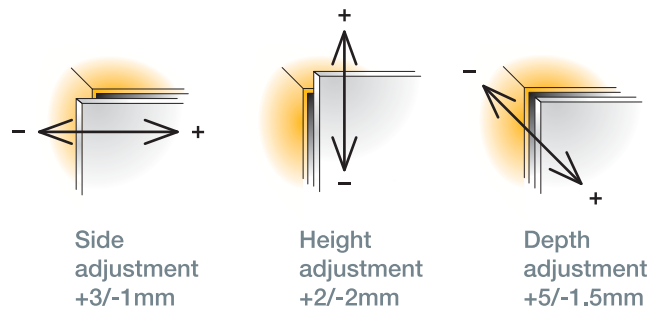
Legend of hinge cup symbols

 Screw-on ready
← screws

 Machine insertion ready

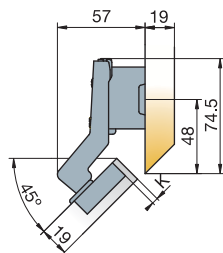


Door adjustment

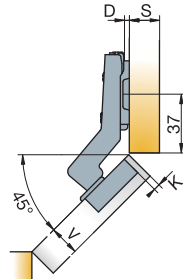


For further explanation → see pages 2.22-2.24

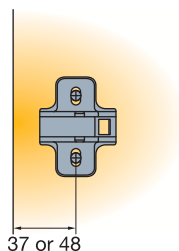
Mounting details



Drawing shows application on
D=18mm mounting plate



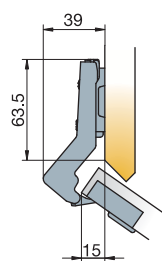
Drawing shows application on
D=0mm mounting plate



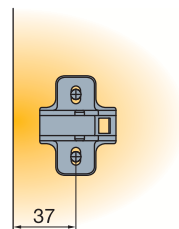
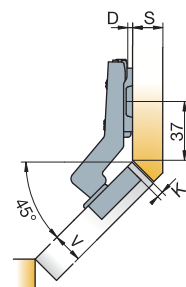
Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13



Drawings show application on
D=0mm mounting plate



K	3	4	5	
	0	1	2	D

Soft closing systems



Glissando TL3
→ see page 2.189

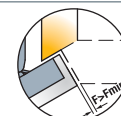
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

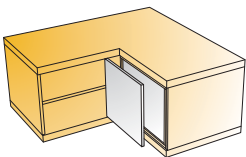
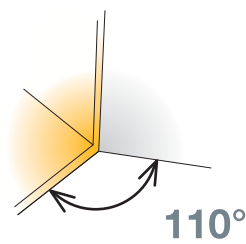


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type 110/90°

For wood door cabinets with blind panels



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

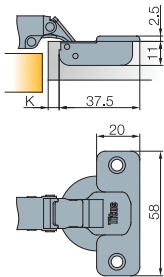


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0745-050	248-0742-050
	248-0N24-050	248-0N25-050
	248-0L61-050	248-0N62-050

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



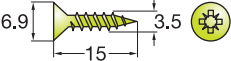
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

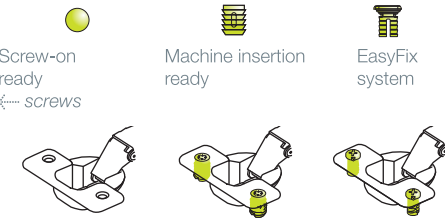


Cover caps for hinge arm
→ see page 2.181

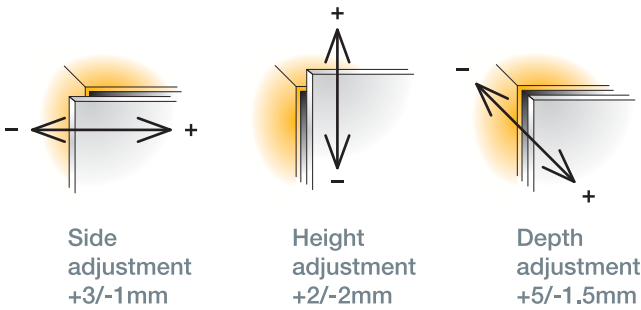


Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



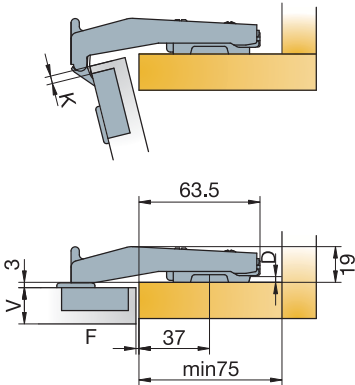
Door adjustment



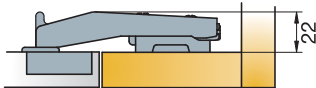
For further explanation → see pages 2.22-2.24

Mounting details

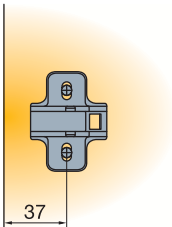
Mounting plate drilling distance



Drawings show application on D=0mm mounting plate



Drawing shows application on D=3mm mounting plate
Door aligned with blind panel



Soft closing systems



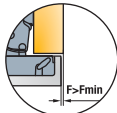
Glissando TL3
→ see page 2.189

Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance
For further explanation → see page 2.14

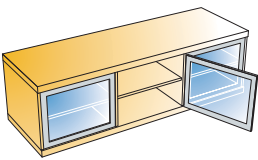
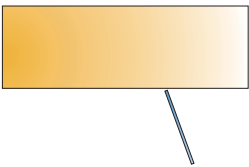
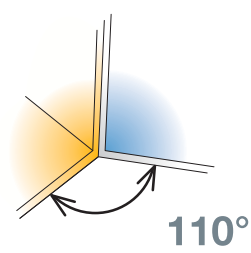


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type 110 AL

For aluminium frame doors

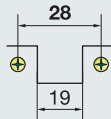


- Opening angle
- Hinge on plate mounting system

110°
snap-on



Interaxis
28mm

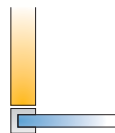


Cup type

Item
number

Cranking

0mm



 200 Pcs

Cup made of zinc, arm made of steel

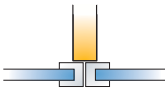


950-0T27-050

* Screws included

Cranking

9mm



 200 Pcs

Cup made of zinc, arm made of steel

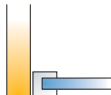


950-0T50-050

* Screws included

Cranking

15mm



 200 Pcs

Cup made of zinc, arm made of steel



950-0T52-050

* Screws included

Mounting plates



Cam adjustable cruciform
mounting plate
→ see page 2.131

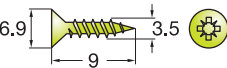


Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws



820-6350-050

 10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

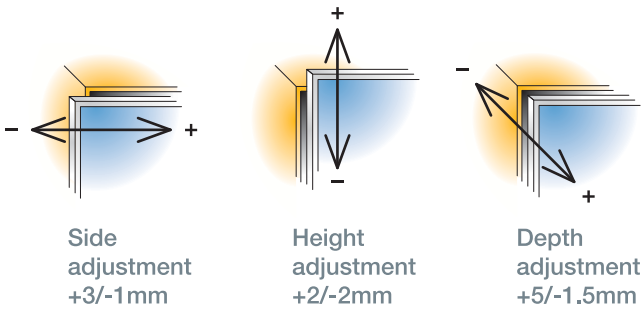
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

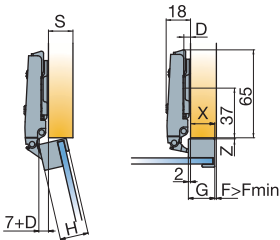
· Can be combined with PushOpen mechanisms without housing

Door adjustment



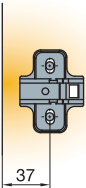
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

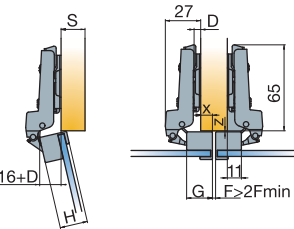
Mounting plate drilling distance



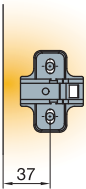
Mounting plate thickness table

For further explanation → see page 2.13

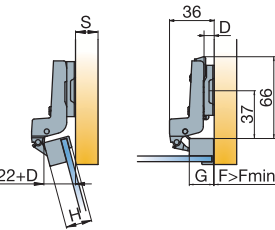
X		12	13	14	15	16	17	18	
G	17	3	2	1	0				
	18		3	2	1	0			
	19			3	2	1	0		
	20				3	2	1	0	D



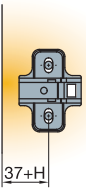
Drawings show application on D=0mm mounting plate



X		3	4	5	6	7	8	9	
G	17	3	2	1	0				
	18		3	2	1	0			
	19			3	2	1	0		
	20				3	2	1	0	D

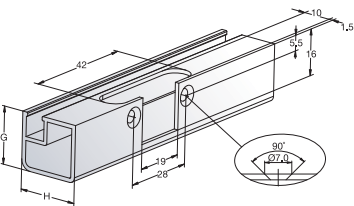


Drawings show application on D=3mm mounting plate

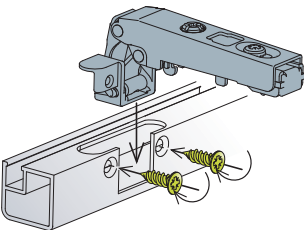


H		17	18	19	20	21	22	
G	17	1	1	2	2	2	3	D
	18	2	2	3	3	3	3	
	19	3	3	3	3			
	20	3	3					

Drilling pattern for aluminium frame hinges



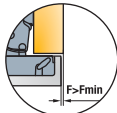
Mounting details



Screws included

Door clearance

For further explanation → see page 2.14

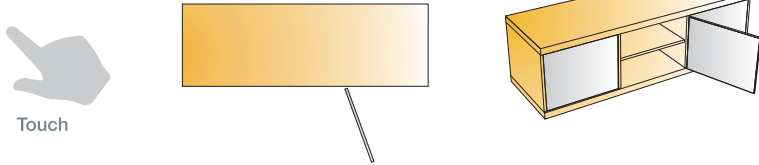
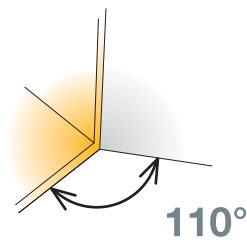


H		17	18	19	20	21	22	
G	17	0.5	0.7	1.1	1.4	1.8	2.9	
	18	0.5	0.7	1.0	1.3	1.7	2.5	
	19	0.5	0.7	0.9	1.2	1.6	2.1	
	20	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0.5

S-type 110 PushOpen Hinge

For wood doors



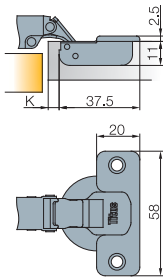
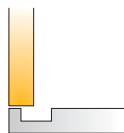
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
11.5mm
snap-on



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking
0mm



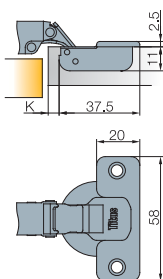
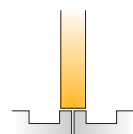
	248-0AW6-050	248-0AW8-050
--	--------------	--------------

Drilling patterns for hinge cups → see page 2.17

200 Pcs

Made of steel

Cranking
9mm



	248-0395-050	248-0AW9-050
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Drilling patterns for hinge cups → see page 2.17

200 Pcs

Made of steel

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



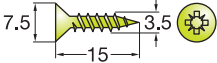
Steel mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



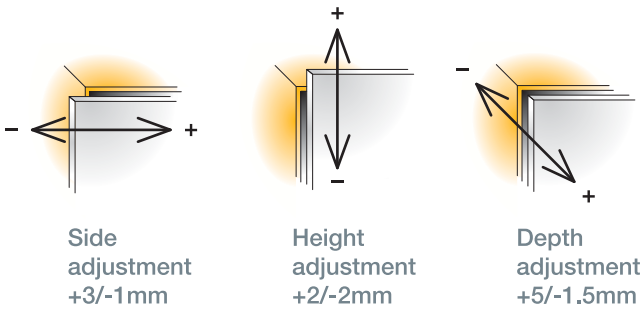
Screw-on ready
← screws



- Hinge without spring
- Effortless opening with just a light touch
- Use with PushOpen mechanisms with magnet

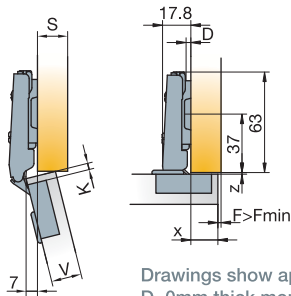
→ see pages 2.199-2.204

Door adjustment

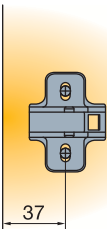


For further explanation → see pages 2.22-2.24

Mounting details



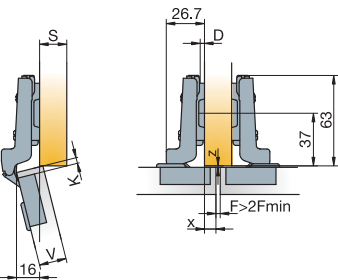
Mounting plate drilling distance



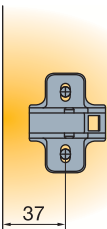
Mounting plate thickness table
For further explanation → see pages 2.13

X	13	14	15	16	17	18
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0

D=13+K-x



Drawings show application on D=0mm thick mounting plate



X	4	5	6	7	8	9
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0

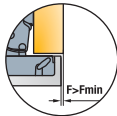
D=4+K-x

Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance at R=1mm
For further explanation → see pages 2.14



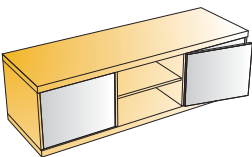
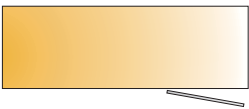
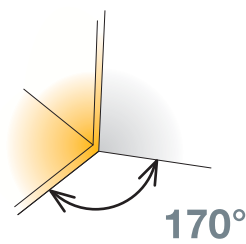
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

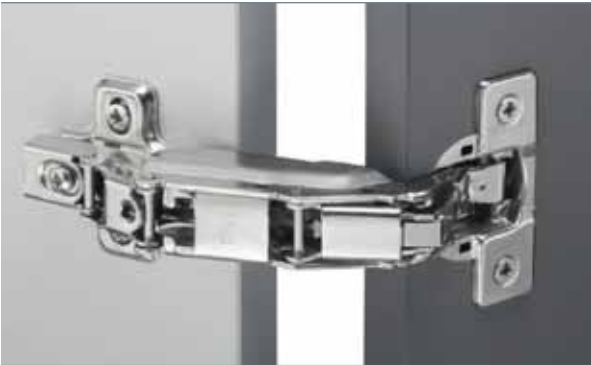
Gap Z_{MIN}=0

S-type 170

For wood doors



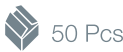
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on



Cup type	Interaxis 45mm	Interaxis 48mm
	Item number 248-0R14-050	Item number 248-0R17-050
	Item number 248-0M73-050	Item number 248-0R13-050

Drilling patterns for hinge cups → see page 2.17

Cranking
0mm



50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



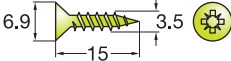
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

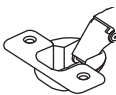


Hinge angle restrictor
→ see page 2.179

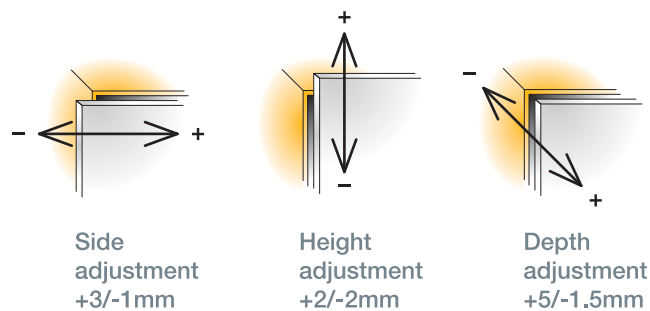
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready



Door adjustment



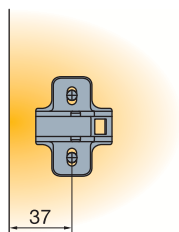
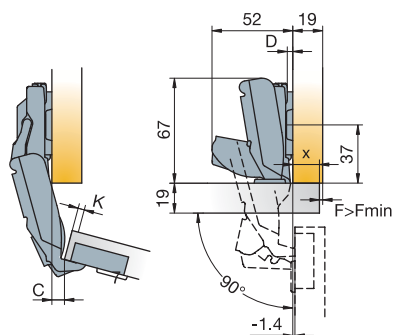
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13



X 10 11 12 13 14 15 16 17 18 19 20

3	6			3	2	1	0				
4		6			3	2	1	0			
K 5			6			3	2	1	0		
6				6			3	2	1	0	
7					6			3	2	1	0
											D

$$D=13+K-X$$

C value with D=0 mounting plates

K	3	4	5	6	7	
	-9.0	-8.1	-7.1	-6.1	-5.2	C

Drawings show application on
D=0mm mounting plate
No protrusion in 90° position

Soft closing systems



Glissando TL 170
→ see page 2.191

Glissando CR
→ see page 2.195

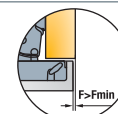
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14



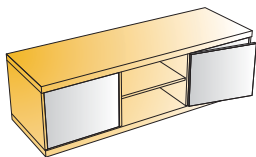
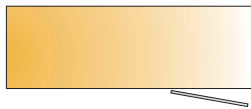
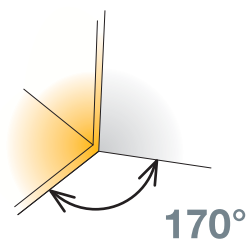
V 16 17 18 19 20 21 22 23 24

3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1 F _{MIN}

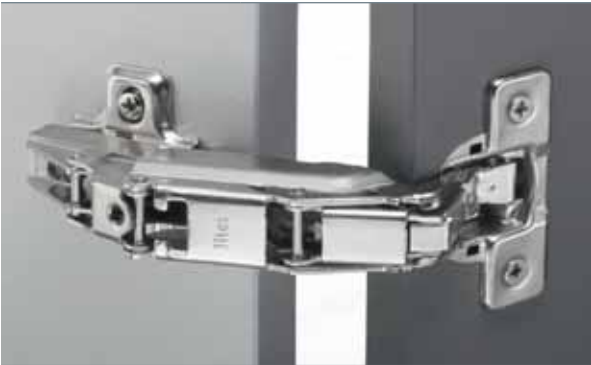
Gap Z_{MIN}=0.5

S-type 170

For wood doors



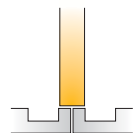
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on



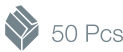
Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0162-050	248-0163-050

Cranking

9mm



Drilling patterns for hinge cups → see page 2.17



50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.131



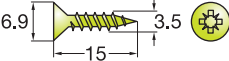
Cruciform mounting plate
→ see page 2.133



Face frame adapter
→ see page 2.135

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

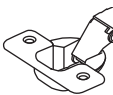


Hinge angle restrictor
→ see page 2.179

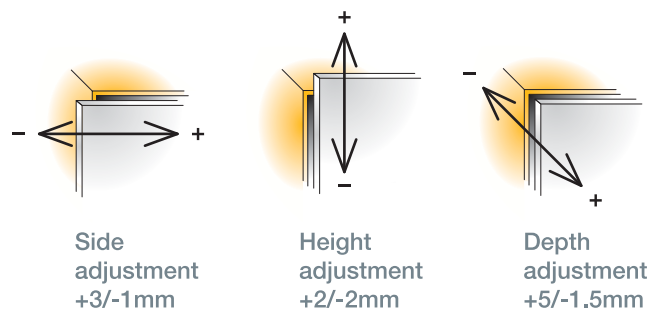
Legend of hinge cup symbols



Screw-on ready
← screws

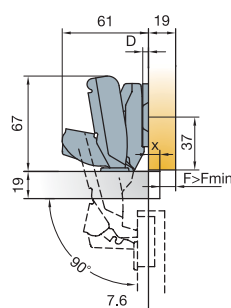
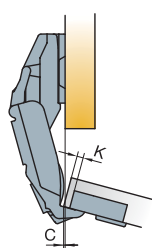


Door adjustment

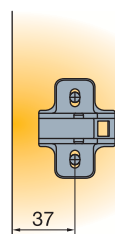


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

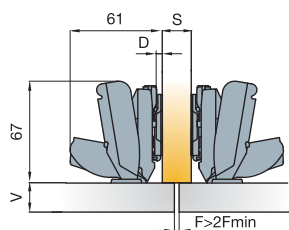
X	1	2	3	4	5	6	7	8	9	10	11
3	6			3	2	1	0				
4		6			3	2	1	0			
K 5			6			3	2	1	0		
6				6			3	2	1	0	
7					6			3	2	1	0

$$D=4+K-X$$

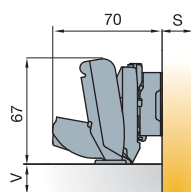
C value with D=0 mounting plates

K	3	4	5	6	7
C	0	0.9	1.9	2.9	3.8

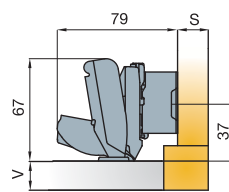
Drawings show application on D=0mm mounting plate



Drawing shows application on D=0mm mounting plate



Drawing shows application on D=9mm mounting plate



Drawing shows application on D=18mm mounting plate

Soft closing systems



Glissando TL 170
→ see page 2.191



Glissando CR
→ see page 2.195

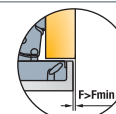
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14



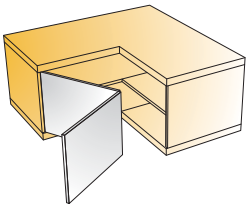
V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap Z_{MIN}=0.5

S-type

for Pie-cut Corner Cabinet

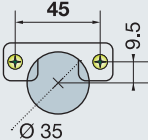
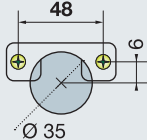
For wood doors



- Opening angle 90°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

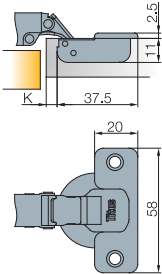
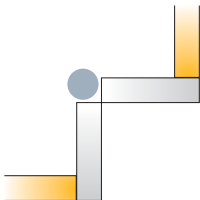


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0U21-050	248-0U16-050
	248-0U22-050	248-0V15-050

Drilling patterns for hinge cups → see page 2.17

Corner cabinet



100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

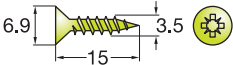


Cam adjustable cruciform mounting plate
→ see page 2.131



Cruciform mounting plate
→ see page 2.133

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

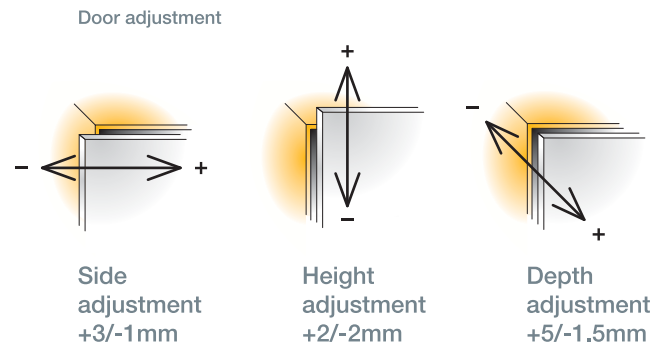
Legend of hinge cup symbols

 Screw-on ready
← screws

 Machine insertion ready

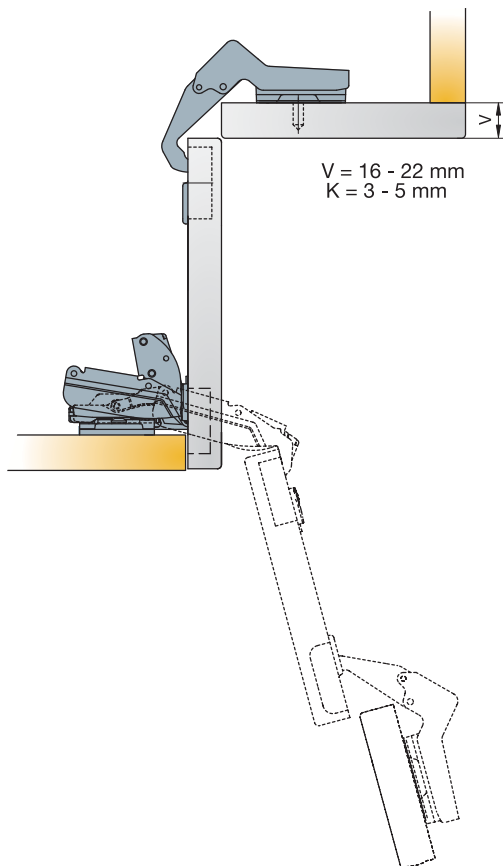


· Use in pair with 170° hinge

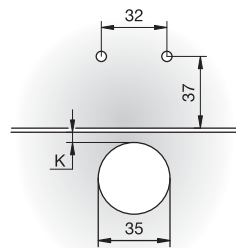


For further explanation → see pages 2.22-2.24

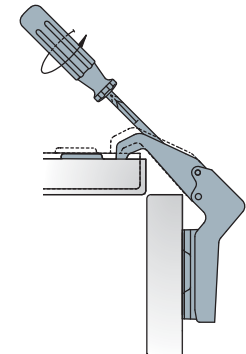
Mounting details



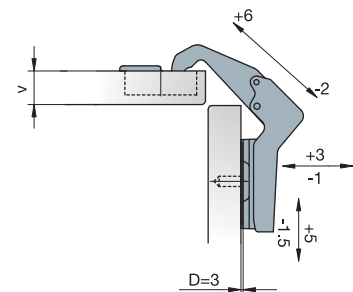
Mounting plate drilling distance



Adjustments



The diagonal adjustment is made by rotating the appropriate screw as shown on the drawing



Drawing shows application on D=3mm mounting plate

Touch opening

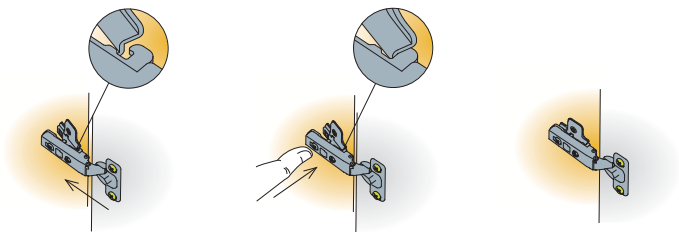


PushOpen Solutions
→ see pages 2.199-2.204

S-type

Mounting Plates

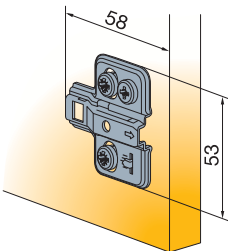
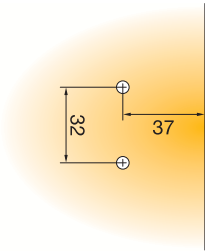
S-type snap-on mounting



Cam adjustable cruciform
mounting plate 37mm

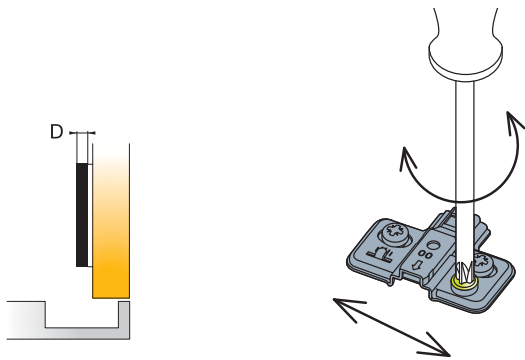
Drilling pattern

Dimensions



200 Pcs

Made of steel



Mounting plate thickness

Height adjustment +/- 2mm

Mounting plate type	13	15			10.5	
Mounting plate thickness (D)						
Item number						
0mm	244-0258-050	244-0261-050	*244-0264-050	*244-0342-050	244-0270-050	
2mm	244-0259-050	244-0262-050	*244-0265-050	*244-0343-050	244-0271-050	
3mm	244-0260-050	244-0263-050	*244-0266-050	*244-0344-050	244-0272-050	
* Available upon special request → see page 0.3						

Legend of mounting plate type symbols

13
 Pre-mounted
 13mm euro screws

15
 Pre-mounted
 15mm euro screws

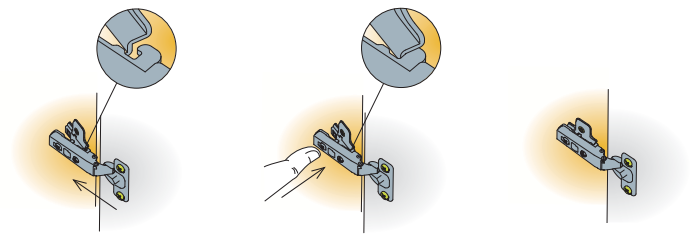
Pre-mounted
 chipboard screws

Machine
 insertion ready

10.5
 Pre-mounted
 10.5mm
 expanding dowels

S-type Mounting Plates

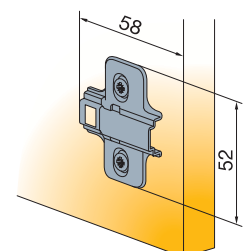
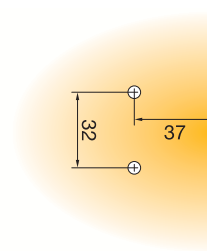
S-type snap-on mounting



Cruciform mounting plate

Drilling pattern

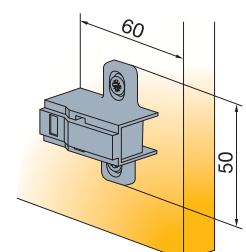
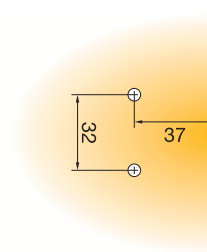
Dimensions



200 Pcs

Made of steel

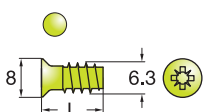
Zinc diecast cruciform
mounting plate 37mm



200 Pcs

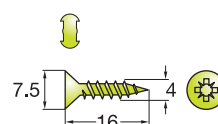
Made of zinc

Fixing screws for mounting plates
If not pre-mounted



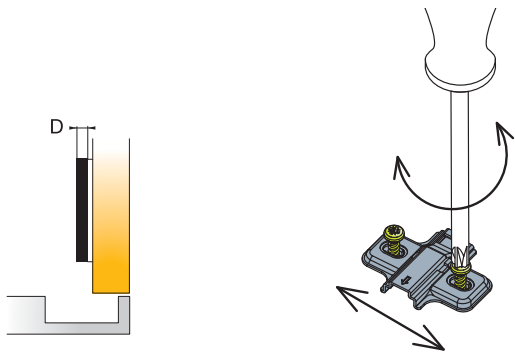
Euro screws
821-6304-050 L=11
821-6323-050 L=13
821-6332-050 L=15

5000 Pcs



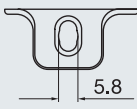
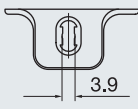
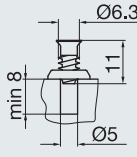
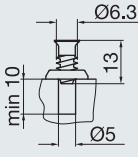
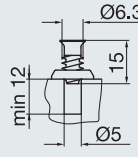
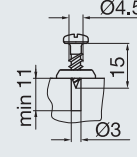
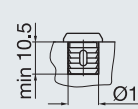
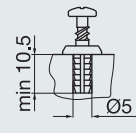
Chipboard screws
820-6328-050

10000 Pcs



Mounting plate thickness

Height adjustment +/- 2mm

Mounting plate type			 11	 13	 15			 10.5
Mounting plate thickness (D)								
Item number								
0mm	244-1136-050	*244-1233-050	244-0Z26-050	244-0134-050	244-0118-050	*244-0136-050	*244-0166-050	244-0P26-050
1mm	244-1137-050	*244-1228-050		244-0561-050		*244-0565-050	*244-0567-050	
2mm	244-1138-050	*244-1229-050	244-0Z63-050	244-0562-050	244-0120-050	*244-0566-050	*244-0568-050	244-0V19-050
3mm	244-1139-050	*244-1234-050		244-0135-050	244-0119-050	*244-0137-050	*244-0167-050	244-0P27-050
6mm	244-1645-050				244-0Z51-050			
* Available upon special request → see page 0.3 Mounting plates with pre-mounted 7.5mm expanding dowels available upon special request → see page 0.3								
9mm	244-3651-650			244-0M33-650	244-0P29-650			
18mm	244-3016-650			244-0085-650	244-0095-650			

Legend of mounting plate type symbols



Screw on ready for euro screws
← screws



Screw-on ready for chipboard
← screws

 11
  13
  15
 

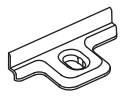
Pre-mounted chipboard screws

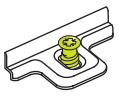
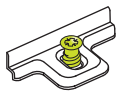
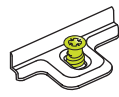
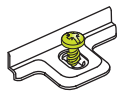


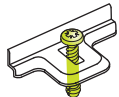
Machine insertion ready

 10.5

Pre-mounted 10.5mm expanding dowels



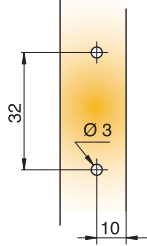
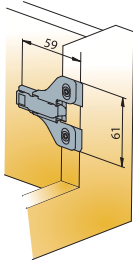


S-type

Face Frame

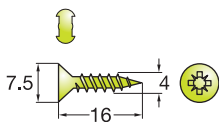
Mounting Plates

S-type snap-on mounting

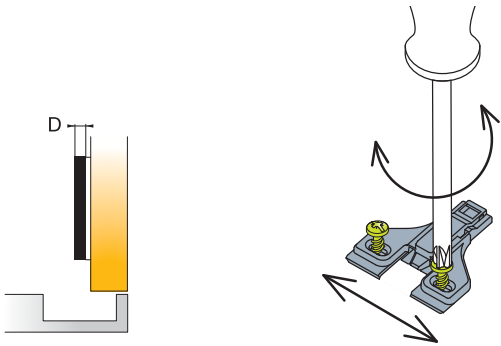
	Drilling pattern	Dimensions
Face frame adapter for S-type hinges		

 200 Pcs Made of zinc alloy

Fixing screw for mounting plates
If not pre-mounted



Chipboard screws
820-6328-050
 10000 Pcs



Mounting plate thickness

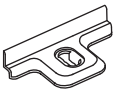
Height adjustment +/- 2mm

Mounting plate type		
Mounting plate thickness (D)		
Item number		
0mm	244-3653-650	
3mm	244-3654-650	
6mm	244-3655-650	

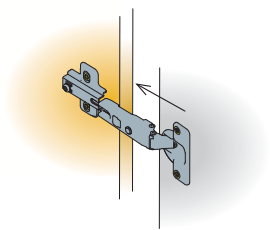
Legend of mounting plate type symbols



Screw-on ready for chipboard screws
← screws

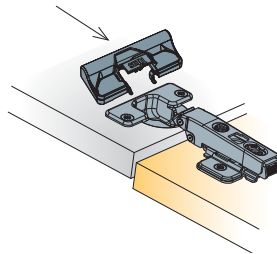


B-type Hinges



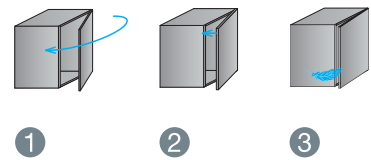
Slide-on mounting system

- Proven and reliable hinge-to-plate mounting solution
- Cost-per-door effectiveness
- Proven solution for RTA furniture, household application and tall cabinets



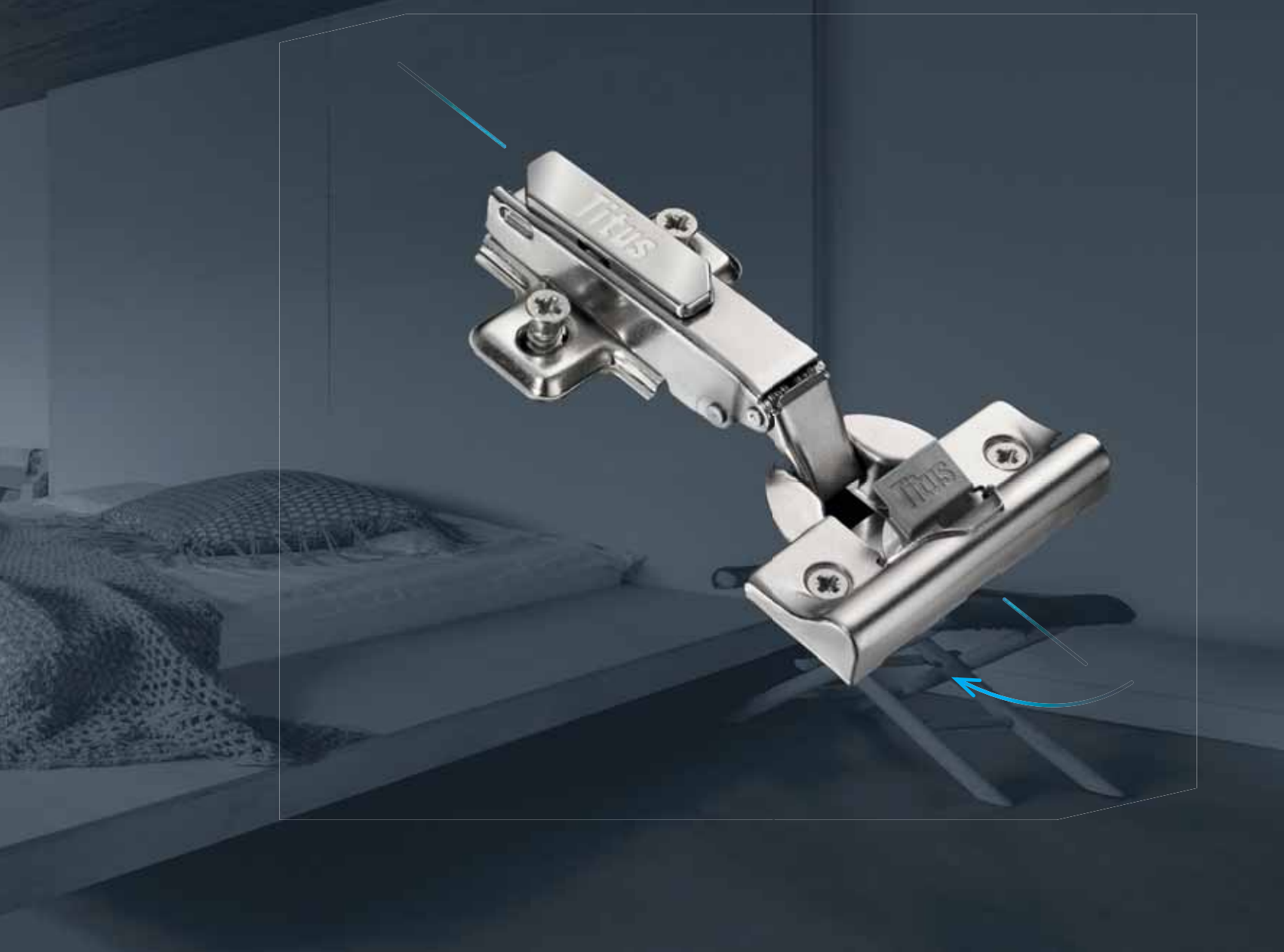
Soft closing options

- Hinge integrated
- Stand-alone
- Add-on with Glissando ready hinge cup
- Fast and simple mounting



ConfidentClose

- 1 Fast closing
- 2 Late start of deceleration action
- 3 Quiet landing with SoftTouch



Titus Damper Inside

- Titus proprietary multi-purpose damping technology
- Reliable and consistent life-long damping

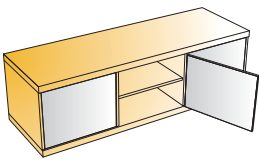
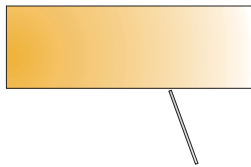
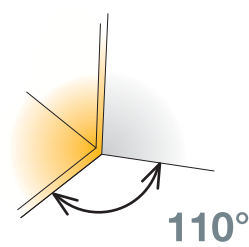


B-type-i3

- Reliable open-close
- Consistent performance
- ConfidentClose
- Low 11mm hinge depth cup

B-type-i3 110

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

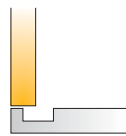
110°
35mm
min. 11mm
slide-on



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

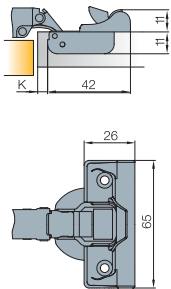
Cranking
0mm



200 Pcs



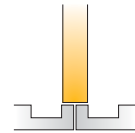
Made of steel and plastic



	242-0967-054	242-0968-054
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Drilling patterns for hinge cups → see page 2.17

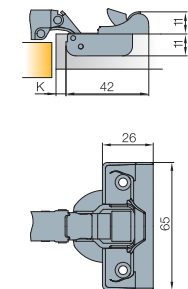
Cranking
9mm



200 Pcs



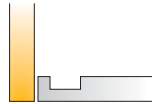
Made of steel and plastic



	242-0973-054	242-0974-054
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Drilling patterns for hinge cups → see page 2.17

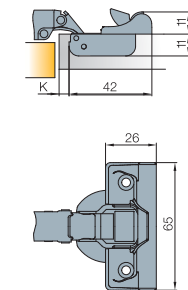
Cranking
15mm



200 Pcs



Made of steel and plastic



	242-0979-054	242-0980-054
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Drilling patterns for hinge cups → see page 2.17

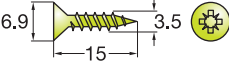
Mounting plates



Cruciform mounting
plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Legend of hinge cup symbols

Screw-on
ready
← screws

Accessories



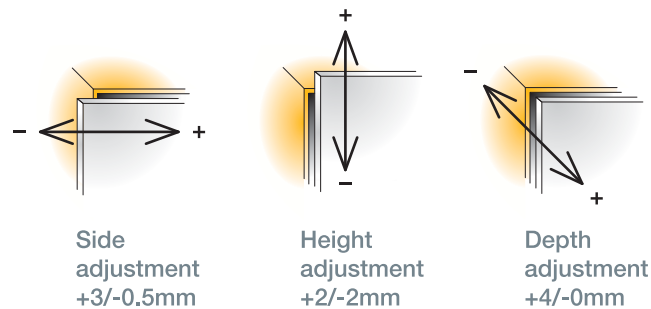
Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

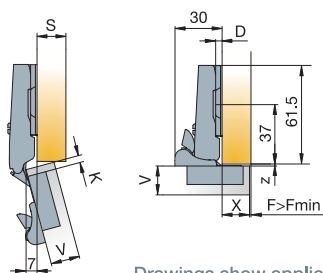


Door adjustment



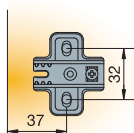
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance

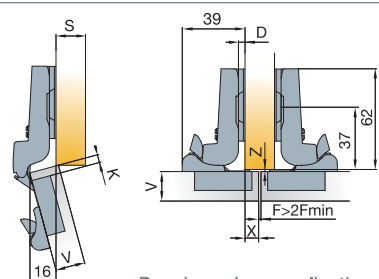


Mounting plate thickness table

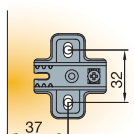
For further explanation → see page 2.13

X	10	11	12	13	14	15	16	17	18
3	6	5	4	3	2	1	0	0	
K 4		6	5	4	3	2	1	0	0
5			6	5	4	3	2	1	0

$$D=13+K-X$$

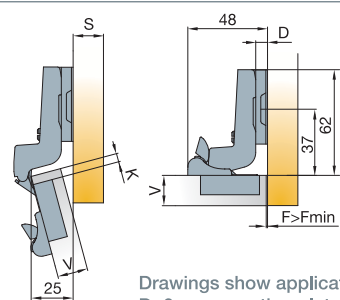


Drawings show application on
D=0mm mounting plate

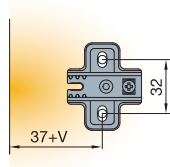


X	0	1	2	3	4	5	6	7	8	9
3		6	5	4	3	2	1	0		
K 4			6	5	4	3	2	1	0	
5	9			6	5	4	3	2	1	0

$$D=4+K-X$$



Drawings show application on
D=3mm mounting plate



V	16	17	18	19	20	21	22
3	2	2	2	3	3	3	4
K 4	3	3	3	4	4	4	5
5	4	4	4	5	5	5	6

$$D=-2+K+F$$

Touch opening

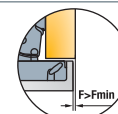


PushOpen Solutions

→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

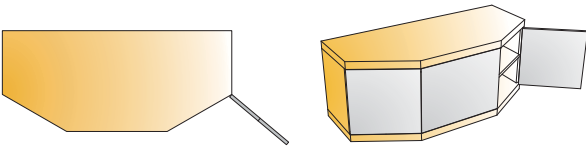
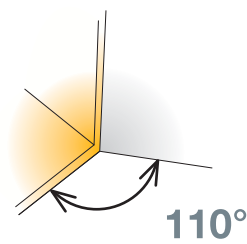


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap $Z_{MIN}=0$

B-type-i3 110/30°

30° angled application for wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
min. 11mm
slide-on

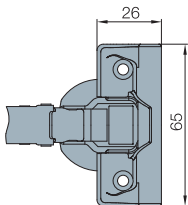
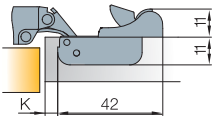
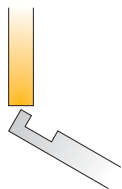


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	242-0924-650	242-0H34-650

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



100 Pcs

Cup made of steel and plastic, arm made of zinc

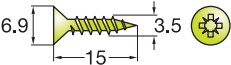
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

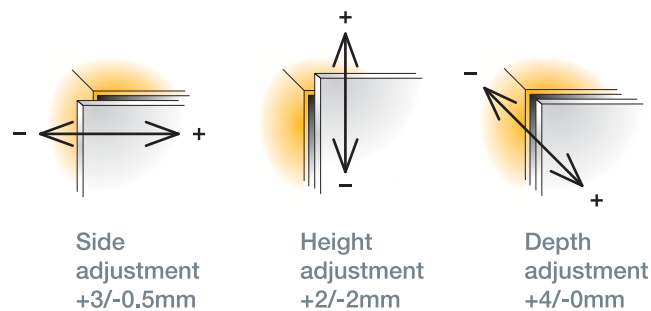
Legend of hinge cup symbols



Screw-on ready
← screws

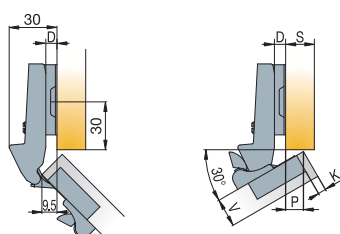


Door adjustment

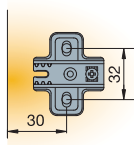


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

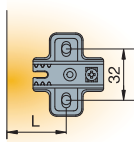
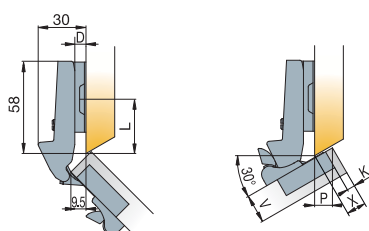


Mounting plate thickness table

For further explanation → see page 2.13

P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0
									D

Drawings show application on
D=3mm mounting plate



X	2	3	4	9	10	11	12	13	14	15
3	9			3	2			0		
K 4		9			3	2			0	
5			9			3	2			0
										D

L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

Drawings show application on
D=3mm mounting plate

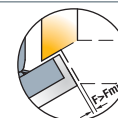
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

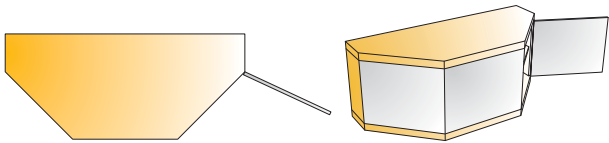
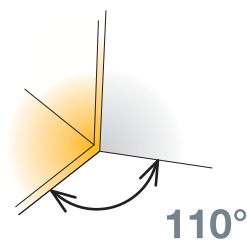


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
							F _{MIN}

Gap Z_{MIN}=0

B-type-i3 110/45°

45° angled application for wood doors

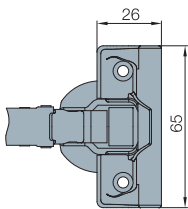
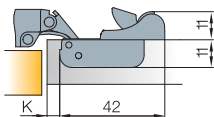
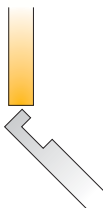


- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
min. 11mm
slide-on



Cup type	Interaxis 45mm	Interaxis 48mm
Item number	242-0C27-650	242-0D14-650

Cranking
9mm



Drilling patterns for hinge cups → see page 2.17



200 Pcs

Cup made of steel and plastic, arm made of zinc

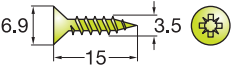
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050



10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

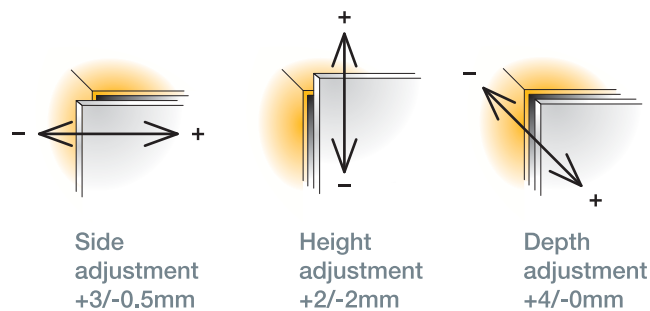
Legend of hinge cup symbols



Screw-on ready
← screws



Door adjustment



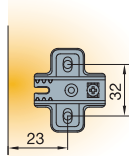
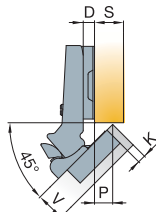
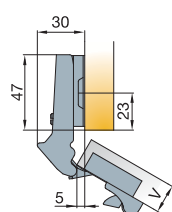
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

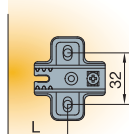
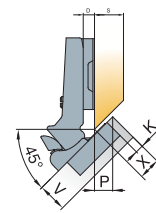
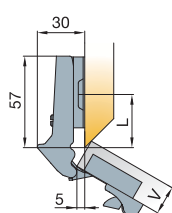
Mounting plate thickness table

For further explanation → see page 2.13



P	9	9.5	10	10.5	11	11.5	12	12.5	13.5
3	3		2		1		0		
K 4		3		2		1		0	
5				3		2		1	0
									D

Drawings show application on
D=3mm mounting plate



X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18
3	3		2			1			0			
K 4		3			2			1			0	
5				3			2			1		0
												D

Drawings show application on
D=3mm mounting plate

L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

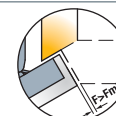
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

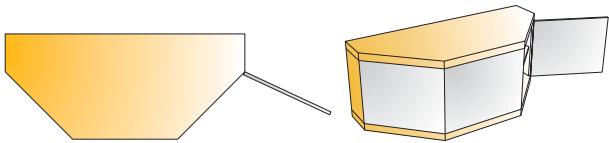


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
							F _{MIN}

Gap Z_{MIN}=0

B-type-i3 110/45°

45° angled application for wood doors



110°

- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

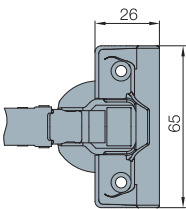
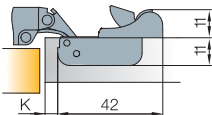
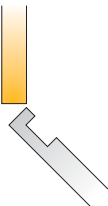
110°
35mm
min. 11mm
slide-on



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	 Item number 242-0H48-650	 Item number 242-0H49-650

Cranking
18mm



Drilling patterns for hinge cups → see page 2.17



200 Pcs

Cup made of steel and plastic, arm made of zinc

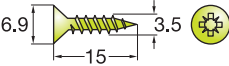
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

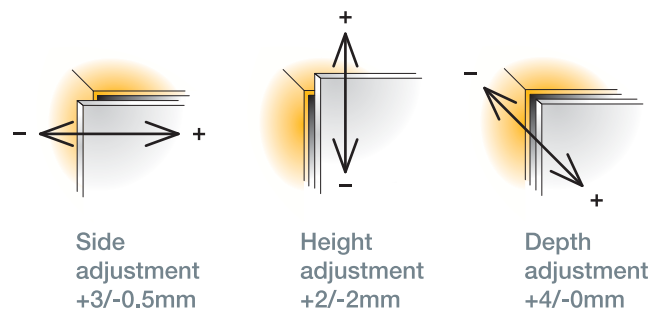
Legend of hinge cup symbols



Screw-on ready
← screws

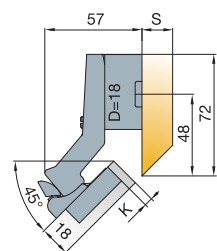


Door adjustment

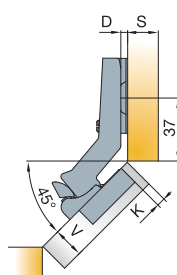


For further explanation → see pages 2.22-2.24

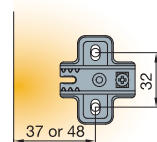
Mounting details



Drawing shows application on
D=18mm mounting plate



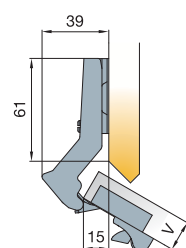
Drawing shows application on
D=0mm mounting plate



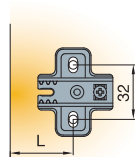
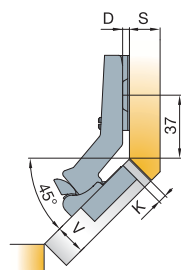
Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13



Drawings show application on
D=0mm mounting plate



L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

	3	0	
K	4	1	
	5	2	D

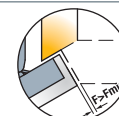
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

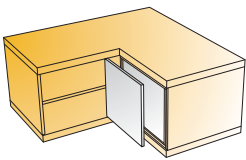
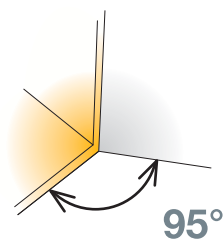


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

B-type-i3 110/90°

For wood door cabinets with blind panels



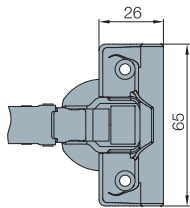
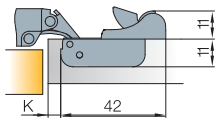
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

95°
35mm
min. 11mm
slide-on



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number

Cranking
18mm



200 Pcs

Cup made of steel and plastic, arm made of zinc

Blind panel
mounting
plate



	242-0Y48-650	242-0Y49-650
Drilling patterns for hinge cups → see page 2.17		

200 Pcs

Made of zinc

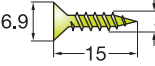
	244-0810-650	
	244-0P28-650	
	244-0C32-650	
This mounting plate can be only used with B-type-i 110/90° hinges. Information about mounting plate symbols → see page 2.168		

Mounting plates



These hinges can only be used with blind panel mounting plates

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page page 2.181

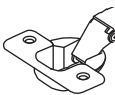


Hinge angle restrictor
→ see page 2.179

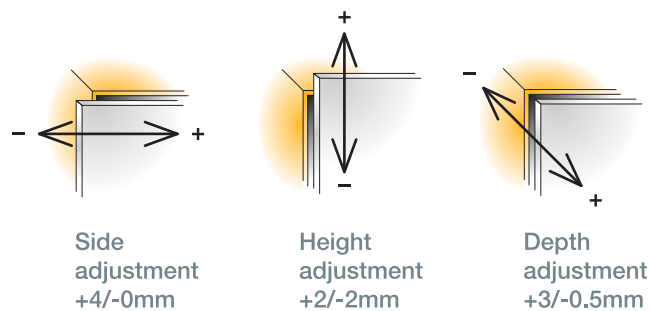
Legend of hinge cup symbols



Screw-on ready
← screws



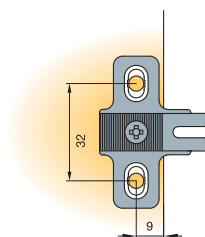
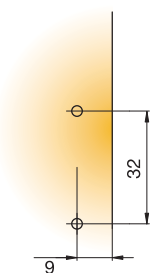
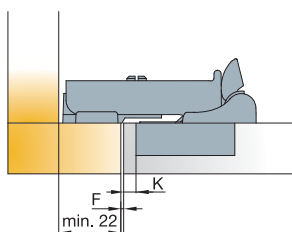
Door adjustment



For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance



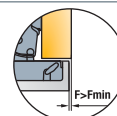
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14



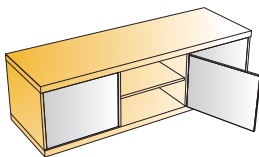
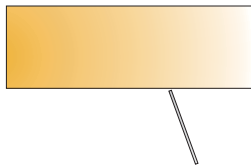
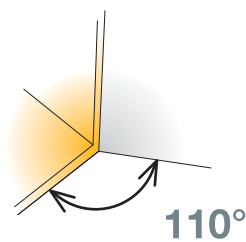
V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

B-type 110

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

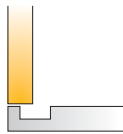
110°
35mm
min. 11.5mm
slide-on



Technical details

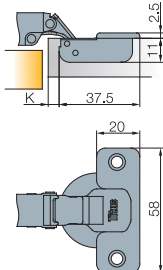
Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking
0mm



200 Pcs

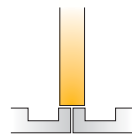
Made of steel



	248-0G54-050	248-0G49-050
	248-0G79-050	248-0K40-050

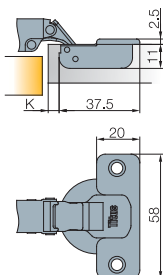
Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



200 Pcs

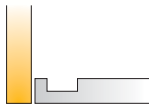
Made of steel



	248-0G55-050	248-0G50-050
	248-0G80-050	248-0K76-050

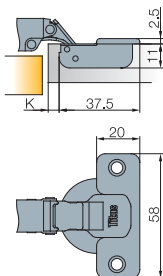
Drilling patterns for hinge cups → see page 2.17

Cranking
15mm



200 Pcs

Made of steel



	248-0G56-050	248-0G51-050
	248-0G81-050	248-0L04-050

Drilling patterns for hinge cups → see page 2.17

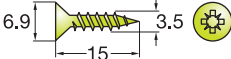
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

Accessories



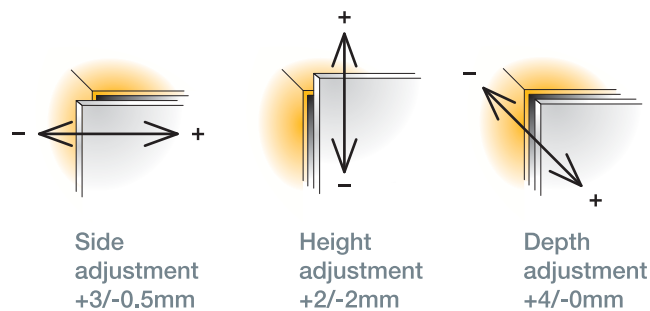
Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

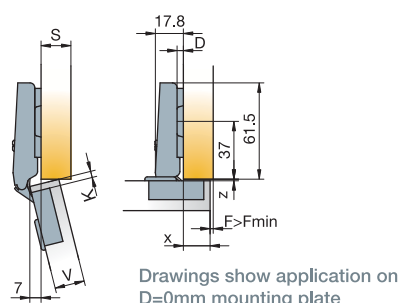


Door adjustment

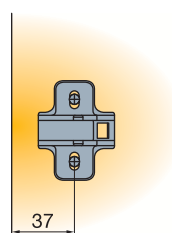


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

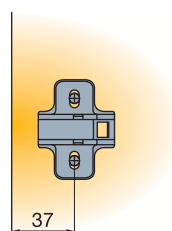
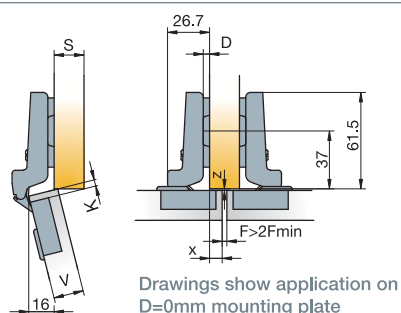


Mounting plate thickness table

For further explanation → see page 2.13

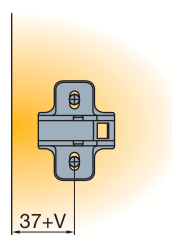
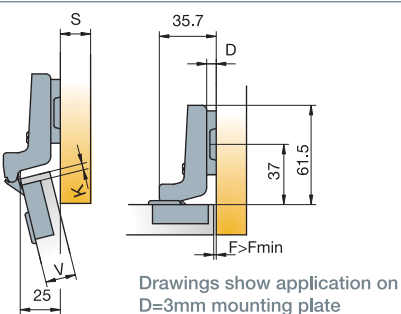
X	10	11	12	13	14	15	16	17	18
3	6	5	4	3	2	1	0	0	
K 4		6	5	4	3	2	1	0	0
5			6	5	4	3	2	1	0

$$D=13+K-X$$



X	0	1	2	3	4	5	6	7	8	9
3		6	5	4	3	2	1	0		
K 4			6	5	4	3	2	1	0	
5	9			6	5	4	3	2	1	0

$$D=4+K-X$$



V	16	17	18	19	20	21	22
3	2	2	2	3	3	3	4
K 4	3	3	3	4	4	4	5
5	4	4	4	5	5	5	6

$$D=-2+K+F$$

Soft closing systems



Glissando TL3
→ see page 2.193



Glissando CR
→ see page 2.199

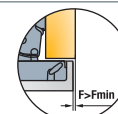
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

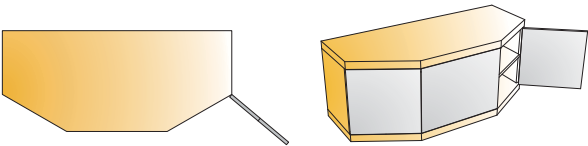
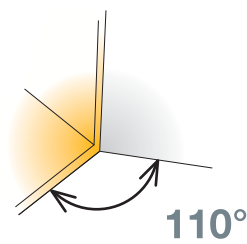


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

$$\text{Gap } Z_{\text{MIN}}=0$$

B-type 110/30°

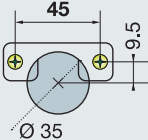
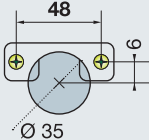
30° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

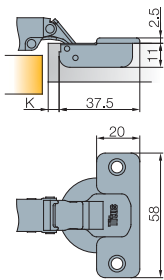
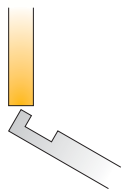


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0G57-050	248-0G52-050
	248-0G82-050	248-0L72-050

Drilling patterns for hinge cups → see page 2.17

Cranking
9mm



200 Pcs

Cup made of steel, arm made of zinc

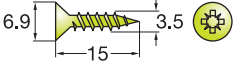
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



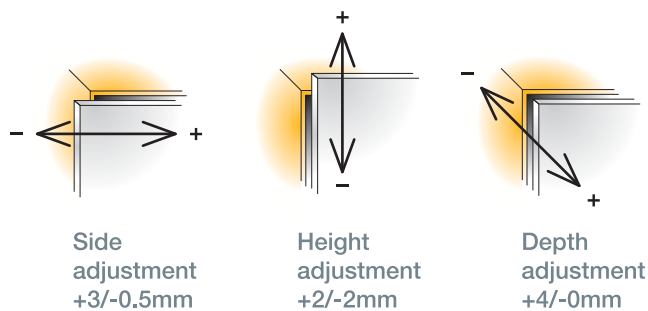
Screw-on ready
← screws



Machine insertion ready

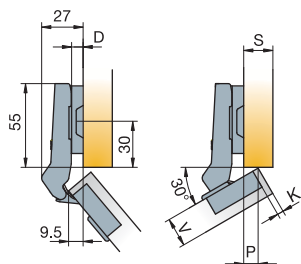


Door adjustment

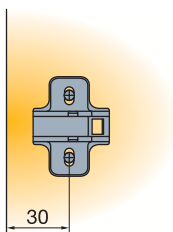


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

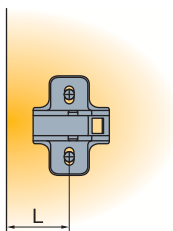
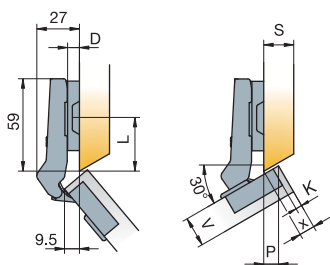


Mounting plate thickness table

For further explanation → see page 2.13

P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5
3	9			3	2	1	0		
K 4		9			3	2	1	0	
5			9			3	2	1	0
									D

Drawings show application on D=3mm mounting plate



X	2	3	4	9	10	11	12	13	14	15
3	9			3	2			0		
K 4		9			3	2			0	
5			9			3	2			0
										D

Drawings show application on D=3mm mounting plate

L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

Soft closing systems



Glissando TL3
→ see page 2.193

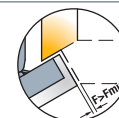
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

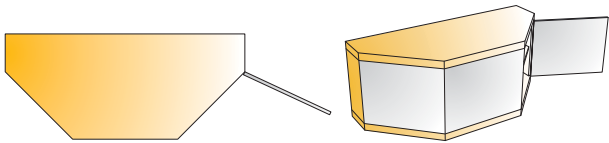
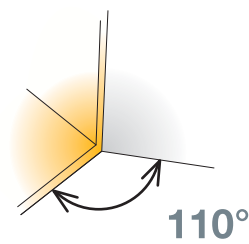


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
							F _{MIN}

Gap Z_{MIN}=0

B-type 110/45°

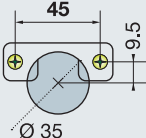
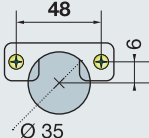
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on



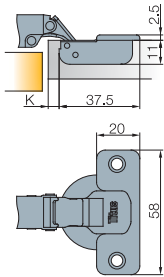
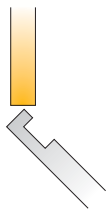
Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0L32-650	248-0L27-650
	248-0N38-050	248-0L71-050

Drilling patterns for hinge cups → see page 2.17

Cranking

9mm



200 Pcs

Cup made of steel, arm made of zinc

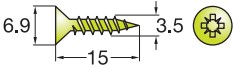
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

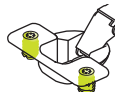


Hinge angle restrictor
→ see page 2.179

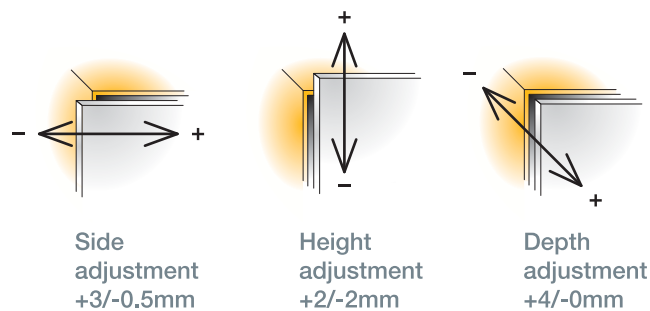
Legend of hinge cup symbols

 Screw-on ready
← screws

 Machine insertion ready

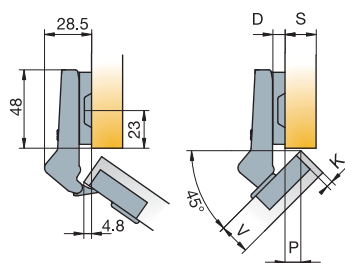


Door adjustment



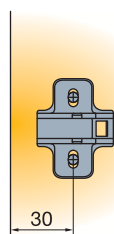
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=3mm mounting plate

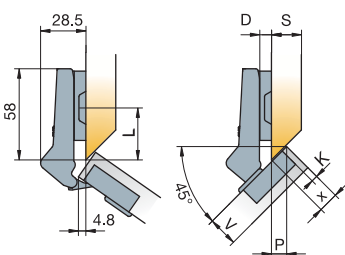
Mounting plate drilling distance



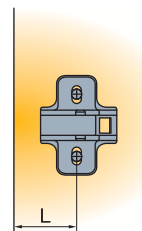
Mounting plate thickness table

For further explanation → see page 2.13

P	9	9.5	10	10.5	11	11.5	12	12.5	13.5
3	3		2		1		0		
K 4		3		2		1		0	
5				3		2		1	0 D



Drawings show application on
D=3mm mounting plate



X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18
3	3		2			1			0			
K 4		3			2			1			0	
5				3			2			1		0 D

L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Soft closing systems



Glissando TL3
→ see page 2.193

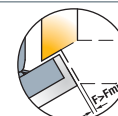
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

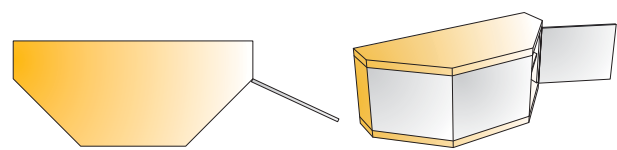
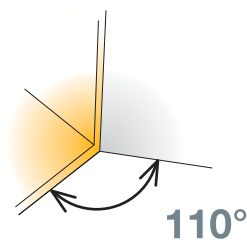


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

B-type 110/45°

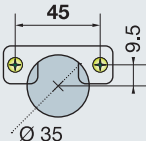
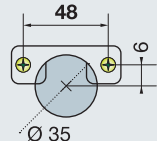
45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

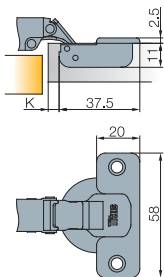
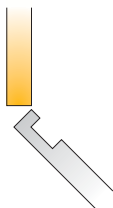


Technical details

	Interaxis 45mm	Interaxis 48mm
		
Cup type	Item number	Item number
	248-0L33-050	248-0L28-050
	248-0L46-050	248-0L70-050

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



200 Pcs

Cup made of steel, arm made of zinc

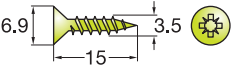
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

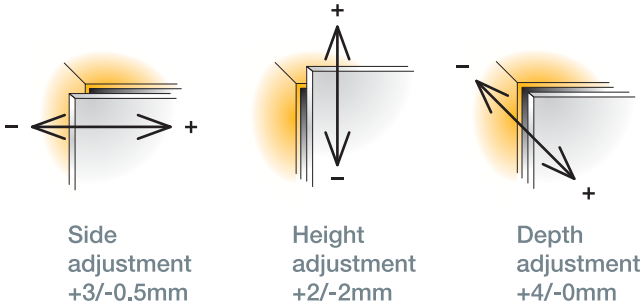
Legend of hinge cup symbols

 Screw-on ready
← screws

 Machine insertion ready



Door adjustment

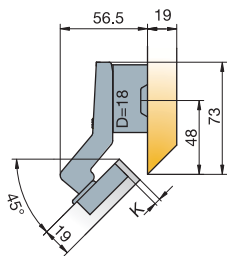


For further explanation → see pages 2.22-2.24

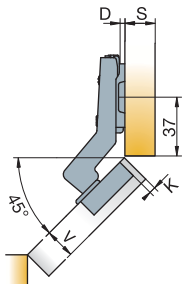
Mounting details

Mounting plate drilling distance

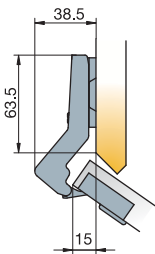
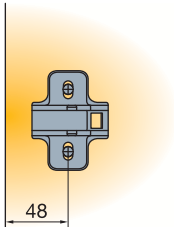
Mounting plate thickness table
For further explanation → see page 2.13



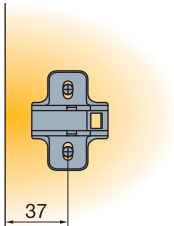
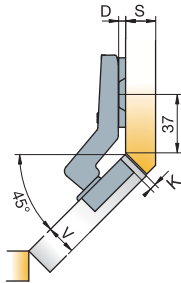
Drawing shows application on D=18mm mounting plate



Drawing shows application on D=0mm mounting plate



Drawings show application on D=3mm mounting plate



3	0	
K 4	1	
5	2	D

Soft closing systems



Glissando TL3
→ see page 2.193

Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance
For further explanation → see page 2.14

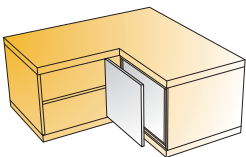
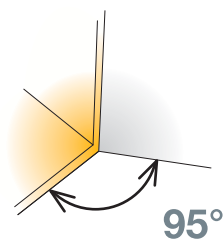


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

B-type 110/90°

For wood door cabinets with blind panels



- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on



Technical details

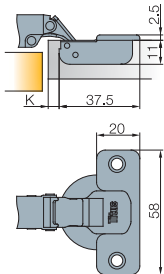
Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking
18mm



200 Pcs

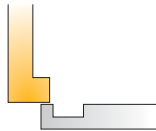
Cup made of steel, arm made of zinc



	248-0G58-050	248-0G53-050
	248-0G83-050	248-0L73-050

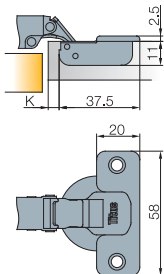
Drilling patterns for hinge cups → see page 2.17

Cranking
0mm



200 Pcs

Cup made of steel, arm made of zinc



	248-0255-050	248-0V66-050
--	--------------	--------------

Drilling patterns for hinge cups → see page 2.17

Opening angle 110°

Blind panel
mounting plate



200 Pcs

Made of zinc

	244-0810-650	
	11 244-0813-650	
	13 244-0C32-650	
	15 244-0P28-650	

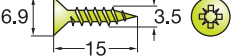
This mounting plate can be only used with B-type 110/90° hinges.
Information about mounting plate symbols → see page 2.168

Mounting plates



These hinges can only be used with blind panel mounting plates

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



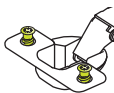
Screw-on ready
← screws



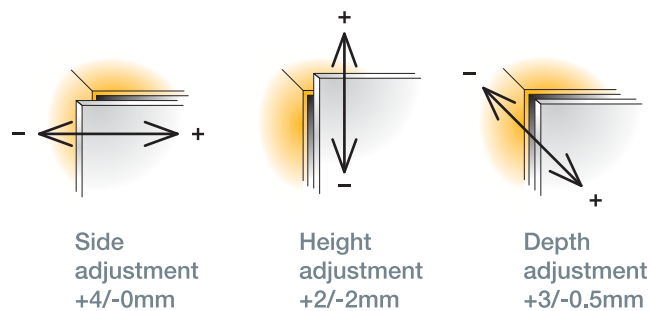
Machine insertion ready



Pre-mounted euro screws



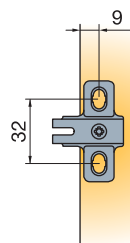
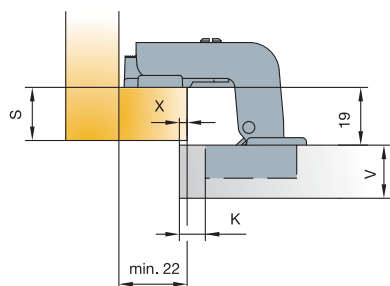
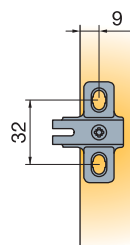
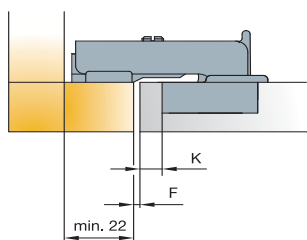
Door adjustment



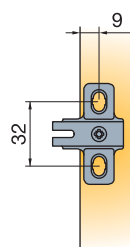
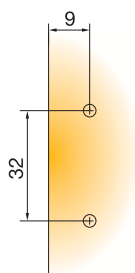
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance



$$X = 0.5 + K$$

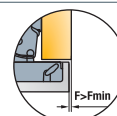


Soft closing systems

Touch opening

Door clearance

For further explanation → see page 2.14



Glissando TL3
→ see page 2.193



PushOpen Solutions
→ see pages 2.203-2.210

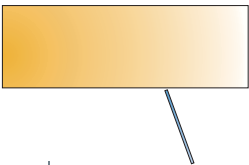
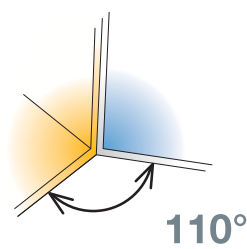
V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

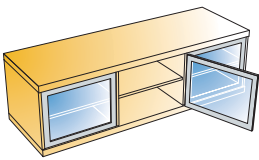
Gap Z_{MIN}=0

B-type 110 AL

For aluminium frame doors



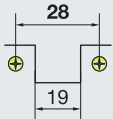
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system



110°
35mm
11.5mm
slide-on



Interaxis
28mm



Cup type

Item
number

Cranking

0mm



200 Pcs

Cup made of zinc, arm made of steel

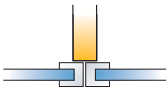


950-0T26-050

* Fixing screws included

Cranking

9mm



200 Pcs

Cup made of zinc, arm made of steel

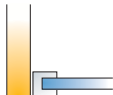


950-0T49-050

* Fixing screws included

Cranking

15mm



200 Pcs

Cup made of zinc, arm made of steel



950-0T51-050

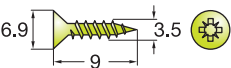
* Fixing screws included

Mounting plates



Cruciform mounting
plate
→ see page 2.167

Hinge cup screws



820-6350-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181



Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols



Screw-on
ready
← screws

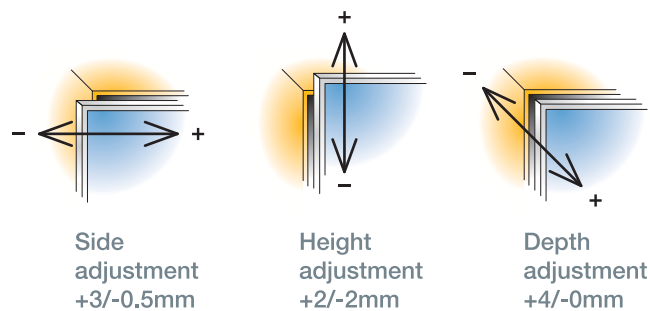


Touch opening



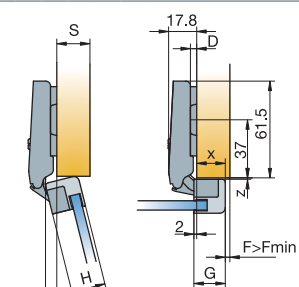
PushOpen Solutions
→ see pages 2.203-2.210

Door adjustment



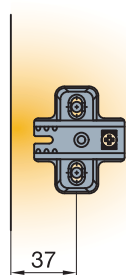
For further explanation → see pages 2.22-2.24

Mounting details



Dimensions shown on m.pl. D=0mm

Mounting plate drilling distance



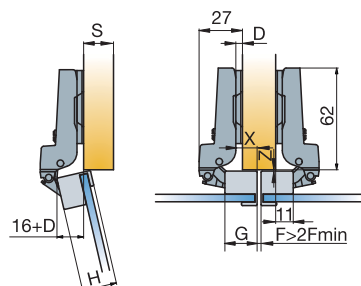
Mounting plate thickness table

For further explanation → see page 2.13

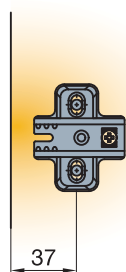
X	12	13	14	15	16	17	18
17	3	2	1	0			
18	4	3	2	1	0		
19	5	4	3	2	1	0	
20	6	5	4	3	2	1	0

G

D



Dimensions shown on m.pl. D=0mm

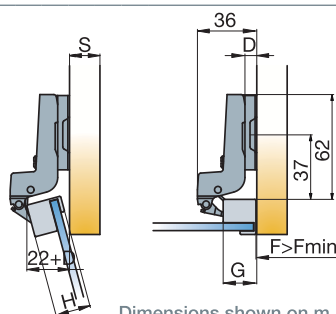


X

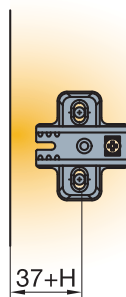
X	3	4	5	6	7	8	9
17	3	2	1	0			
18	4	3	2	1	0		
19	5	4	3	2	1	0	
20	6	5	4	3	2	1	0

G

D



Dimensions shown on m.pl. D=3mm



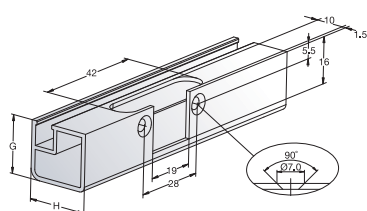
H

H	17	18	19	20	21	22
17	1	1	2	2	2	3
18	2	2	3	3	3	3
19	3	3	3	3		
20	2	2				

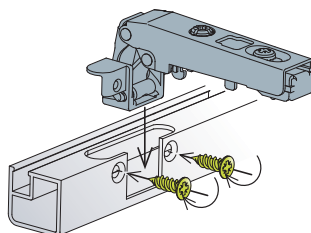
G

D

Drilling pattern for aluminium frame hinges



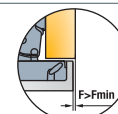
Mounting details



Screws included

Door clearance

For further explanation → see page 2.14



H	17	18	19	20	21	22
17	0.5	0.7	1.1	1.4	1.8	2.9
18	0.5	0.7	1.0	1.3	1.7	2.5
19	0.5	0.7	0.9	1.2	1.6	2.1
20	0.5	0.7	0.9	1.2	1.5	2.0

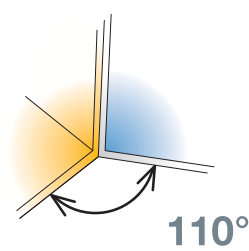
G

F_{MIN}

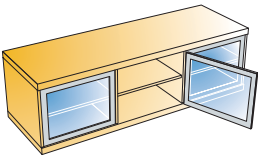
Gap Z_{MIN}=0.5

B-type 110 AL

For aluminium frame doors
Glissando AL soft closing ready



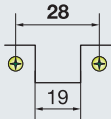
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system



110°
35mm
11.5mm
slide-on



Interaxis
28mm



Cup type

Item
number

Cranking

0mm



200 Pcs

Made of steel and zinc

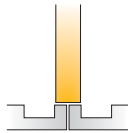


950-0464-050

* Fixing screws included

Cranking

9mm



200 Pcs

Made of steel and zinc

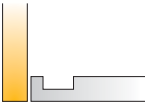


950-0465-050

* Fixing screws included

Cranking

15mm



200 Pcs

Made of steel and zinc



950-0466-050

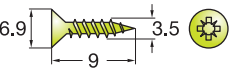
* Fixing screws included

Mounting plates



Cruciform mounting
plate
→ see page 2.167

Hinge cup screws



820-6350-050

10000 Pcs

Legend of hinge cup symbols



Screw-on
ready
← screws

Accessories



Cover caps for hinge arm
→ see page 2.181

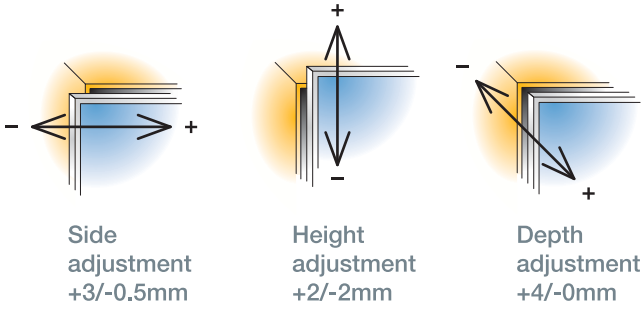


Hinge angle restrictor
→ see page 2.179



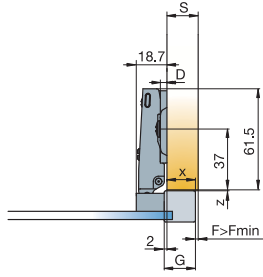
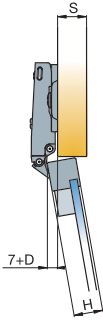
· Hinge for aluminium frame door which can be used with Glissando AL for soft closing solution

Door adjustment



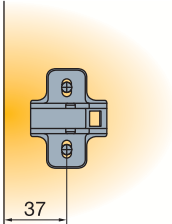
For further explanation → see pages 2.22-2.24

Mounting details



Dimensions shown on m.pl. D=0mm

Mounting plate drilling distance

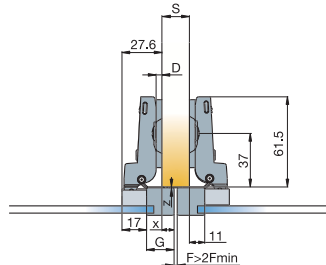
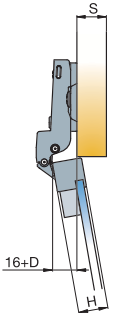


Mounting plate thickness table

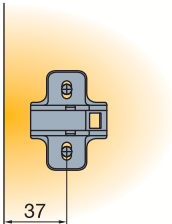
For further explanation → see page 2.13

X		12	13	14	15	16	17	18	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D

$D=13+K-X$

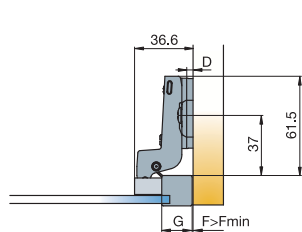
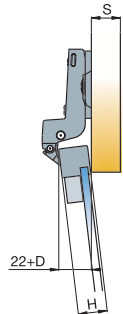


Dimensions shown on m.pl. D=0mm

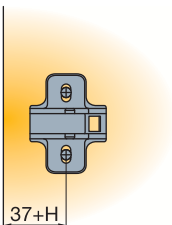


X		3	4	5	6	7	8	9	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D

$D=4+K-X$



Dimensions shown on m.pl. D=3mm



X	17	18	19	20	21	22	
G	17	1	1	2	2	3	3
	18	2	2	3	3	3	3
	19	3	3	3	3		
	20	3	3				D

$D=-2+K+F$

Soft closing systems



Glissando AL
→ see page 2.197

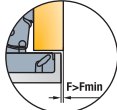
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

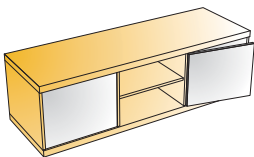
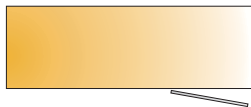
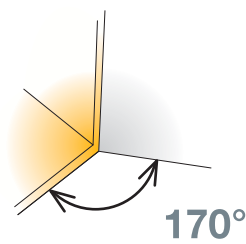


H		17	18	19	20	21	22	
G	17	0.5	0.7	1.1	1.4	1.8	2.9	
	18	0.5	0.7	1.0	1.3	1.7	2.5	
	19	0.5	0.7	0.9	1.2	1.6	2.1	
	20	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

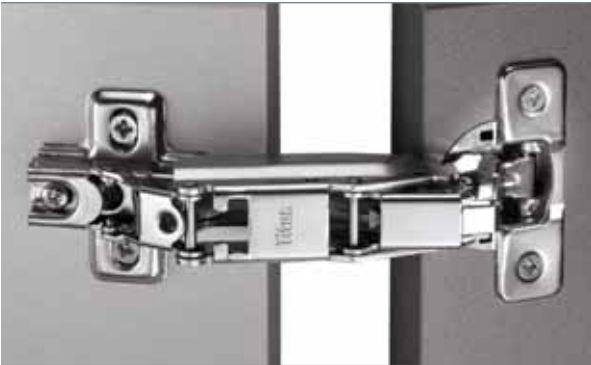
Gap Z_{MIN}=0.5

B-type 170

For wood doors



- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system slide-on



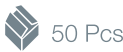
Cranking

0mm



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248-0R10-050	248-0P43-050
	248-0L51-050	248-0R12-050

Drilling patterns for hinge cups → see page 2.17



50 Pcs

Made of steel and zinc

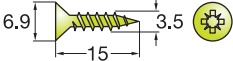
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

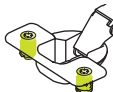


Hinge angle restrictor
→ see page 2.179

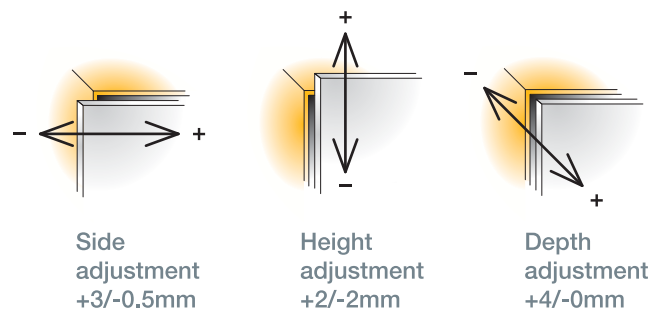
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

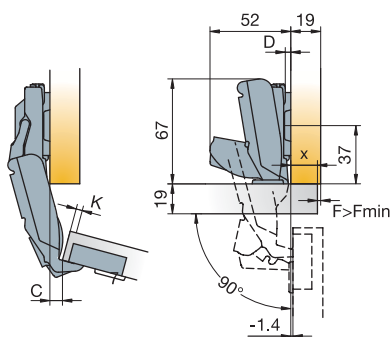


Door adjustment



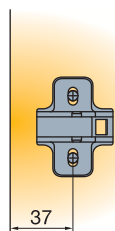
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate
No door protrusion in 90° position

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

X	10	11	12	13	14	15	16	17	18	19	20
3	6	5	4	3	2	1	0				
4		6	5	4	3	2	1	0			
K 5			6	5	4	3	2	1	0		
6				6	5	4	3	2	1	0	
7					6	5	4	3	2	1	0
											D

$$D=13+K-X$$

C value with D=0 mounting plates

K	3	4	5	6	7
	-9.0	-8.1	-7.1	-6.1	-5.2
					C

Soft closing systems



Glissando TL 170
→ see page 2.195



Glissando CR
→ see page 2.199

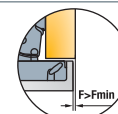
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14

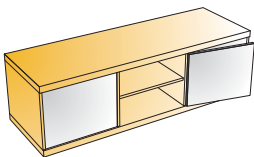
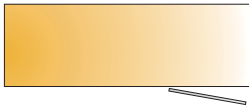
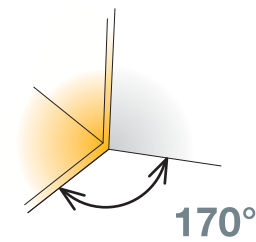


V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
									F _{MIN}

Gap Z_{MIN}=0

B-type 170

For wood doors

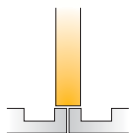


- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system slide-on



Cup type	Interaxis 45mm	Interaxis 48mm
	 Item number 248-0160-050	 Item number 248-0161-050

Cranking 9mm



Drilling patterns for hinge cups → see page 2.17

50 Pcs

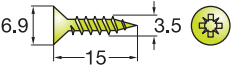
Made of steel and zinc

Mounting plates

Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



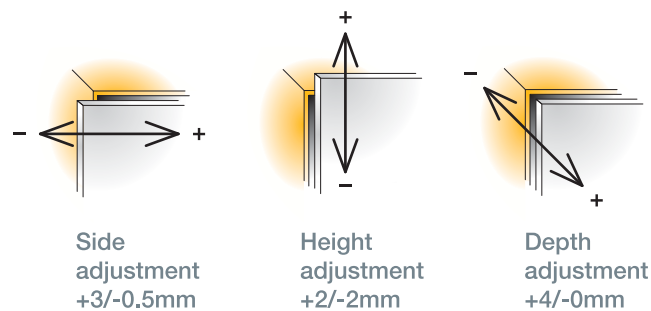
Hinge angle restrictor
→ see page 2.179

Legend of hinge cup symbols

Screw-on ready
← screws

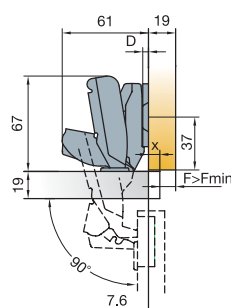
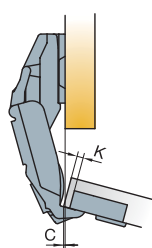


Door adjustment

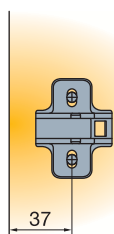


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 2.13

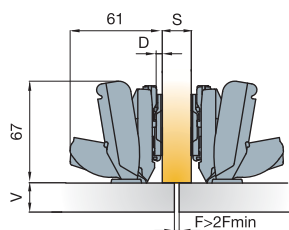
X	1	2	3	4	5	6	7	8	9	10	11
3	6	5	4	3	2	1	0				
4		6	5	4	3	2	1	0			
K 5			6	5	4	3	2	1	0		
6				6	5	4	3	2	1	0	
7					6	5	4	3	2	1	0

$$D=4+K-X$$

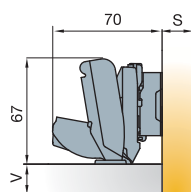
C value with D=0 mounting plates

K	3	4	5	6	7
	0	0.9	1.9	2.9	3.8

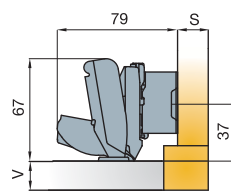
Drawings show application on D=0mm mounting plate



Drawing shows application on D=0mm mounting plate



Drawing shows application on D=9mm mounting plate



Drawing shows application on D=18mm mounting plate

Soft closing systems



Glissando TL 170
→ see page 2.195



Glissando CR
→ see page 2.199

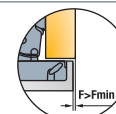
Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance

For further explanation → see page 2.14



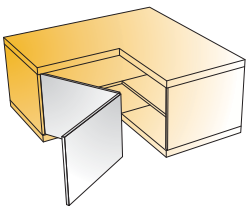
V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap Z_{MIN}=0

B-type

for Pie-cut Corner Cabinet

For wood doors



- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

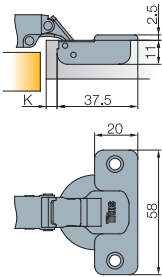
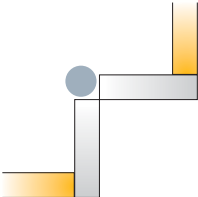


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0T81-050	248-0T80-050
	248-0U13-050	248-0U14-050

Drilling patterns for hinge cups → see page 2.17

Corner cabinet



100 Pcs

Cup made of steel, arm made of zinc

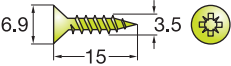
Mounting plates



Cruciform mounting plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

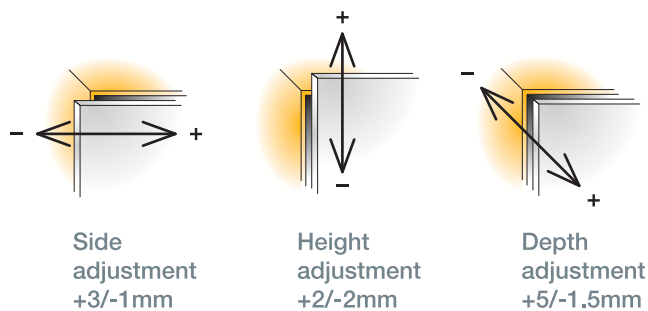
Legend of hinge cup symbols

Screw-on ready
← screws

Machine insertion ready

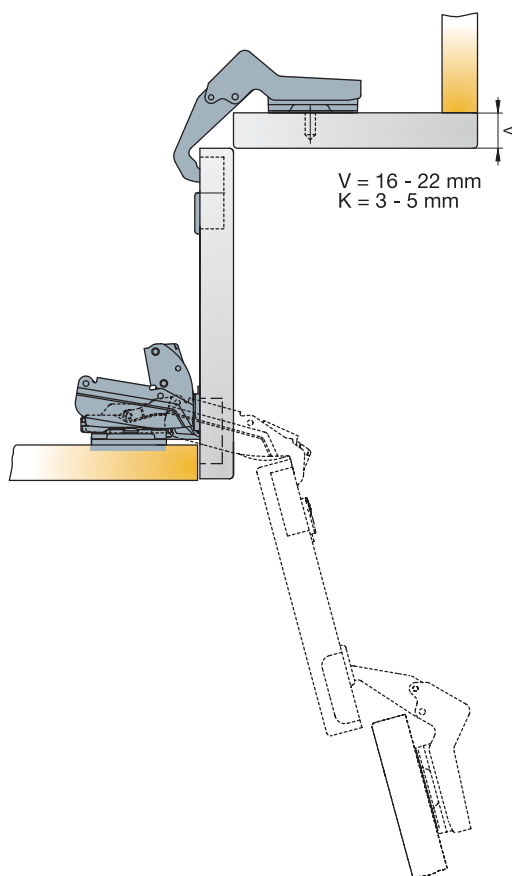


Door adjustment

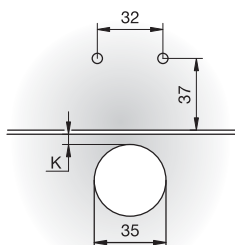


For further explanation → see pages 2.22-2.24

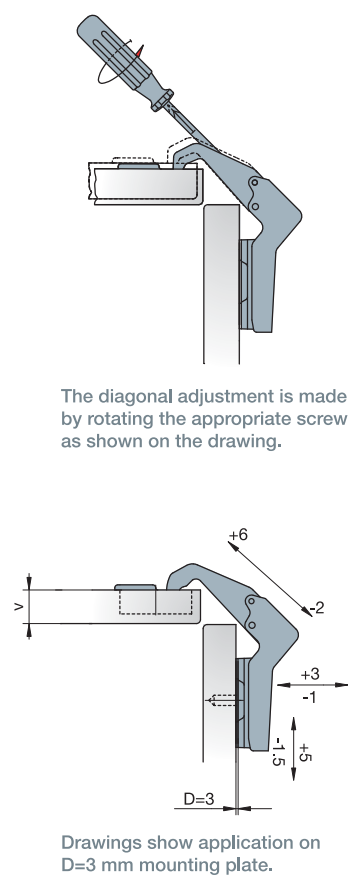
Mounting details



Mounting plate drilling distance



Adjustments



Touch opening

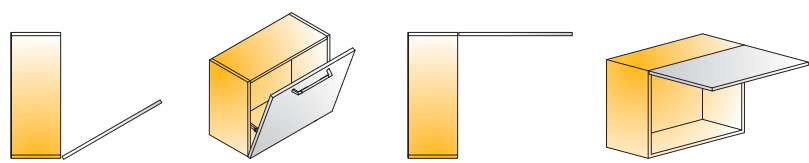


PushOpen Solutions
→ see pages 2.203-2.210

B-type

Flap door hinge

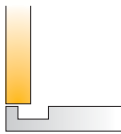
For wood doors



- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 90°
35mm
11.5mm
slide-on



Cranking
0mm



		Interaxis 24mm
		Item number
Cup type	left	926-0A26-050
	right	926-0A27-050
* For application it is mandatory to order left and right hinge		



200 Pcs

Cup made of steel

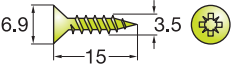
Mounting plates



Cruciform mounting
plate
→ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.181

Legend of hinge cup symbols

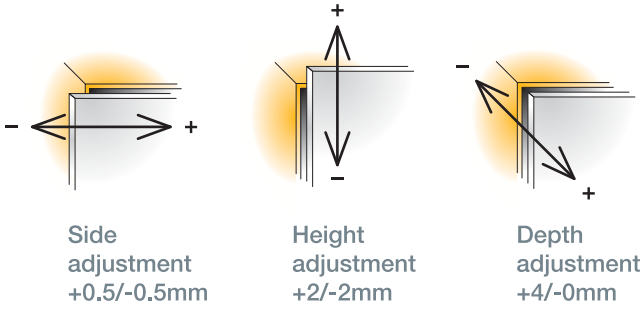
Screw-on
ready
← screws





Use with flap stay mechanisms

Door adjustment



Side
adjustment
+0.5/-0.5mm

Height
adjustment
+2/-2mm

Depth
adjustment
+4/-0mm

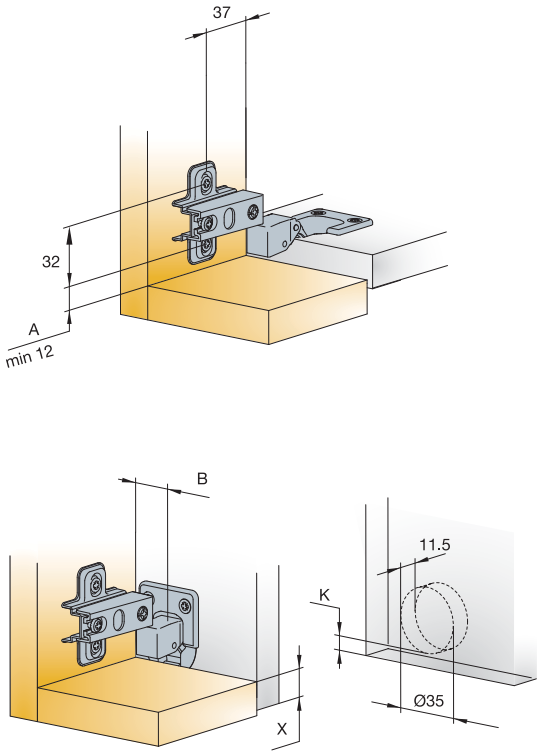
For further explanation → see pages 2.22-2.24

Mounting
details

Mounting plate thickness table
For further explanation → see page 2.13

D	0	1	2	3
B	20	21	22	23

$X=22.5 + K - A$



B = distance between two holes center
for fixing screws on the hinge cup and side panel

Touch opening



PushOpen Solutions
→ see pages 2.203-2.210

Door clearance
For further explanation → see page 2.14

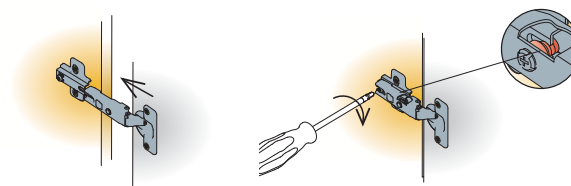


V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

B-type Mounting Plates

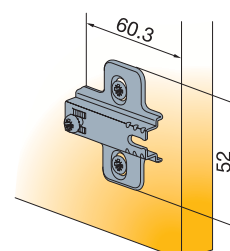
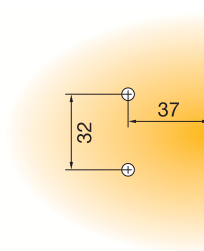
B-type slide-on mounting



Cruciform mounting plate

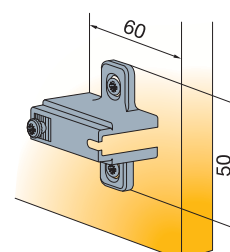
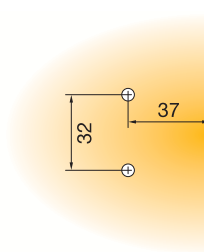
Drilling pattern

Dimensions



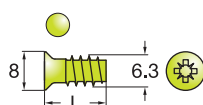
 200 Pcs Made of steel

Zinc diecast cruciform mounting plate



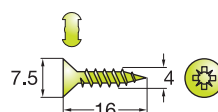
 200 Pcs Made of zinc

Fixing screws for mounting plates
If not pre-mounted



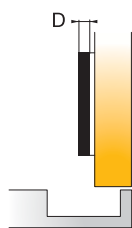
Euro screws
821-6304-050 L=11
821-6323-050 L=13
821-6332-050 L=15

 10000 Pcs

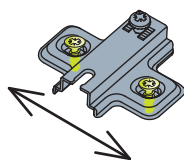


Chipboard screws
820-6328-050

 10000 Pcs



Mounting plate thickness



Height adjustment +/- 2mm

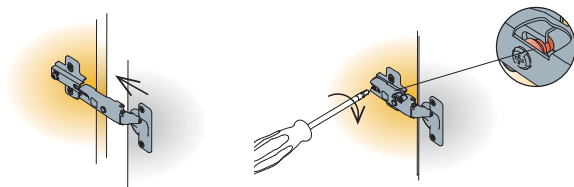
Mounting plate type								
Mounting plate thickness (D)								
Item number								
0mm	244-0866-050	*244-0L29-050	244-0965-050	244-0929-050	*244-0L26-050	*244-0L50-050	244-0H64-050	244-0P24-050
1mm	244-0T40-050		244-0K95-050		*244-0S65-050		244-0S67-050	
2mm	244-0T28-050		244-0K96-050		*244-0S66-050	*244-0V64-050	244-0S68-050	
3mm	244-0867-050	*244-0L39-050	244-0G19-050	244-0930-050	*244-0L98-050	*244-0L40-050	244-0H65-050	244-0P25-050
* Available upon special request → see page 0.3								
4mm	244-0L37-650		244-0K97-650				244-0M28-650	
5mm	244-0L38-650		244-0K98-650	244-0T14-650			244-0M29-650	
6mm	244-0232-650		244-0914-650			*244-0B12-650		
9mm	244-0062-650		244-0067-650	244-0P41-650				
18mm	244-0063-650		244-0068-650	244-0175-650				
* Available upon special request → see page 0.3								

Legend of mounting plate type symbols

Screw-on ready for euro screws ← screws	Screw-on ready for chipboard ← screws	Pre-mounted 13mm euro screws	Pre-mounted 15mm euro screws	Pre-mounted chipboard screws	Machine insertion ready	Pre-mounted 7.5mm expanding dowels	Pre-mounted 10.5mm expanding dowels

B-type Mounting Plates

B-type slide-on mounting

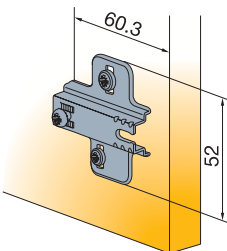
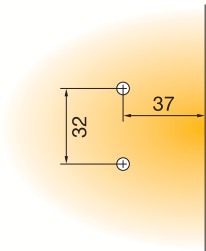


Drilling pattern

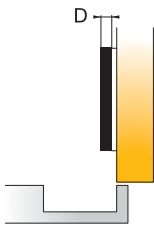
Dimensions

Cruciform mounting plate

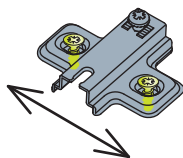
- Back-to back application



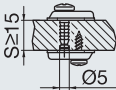
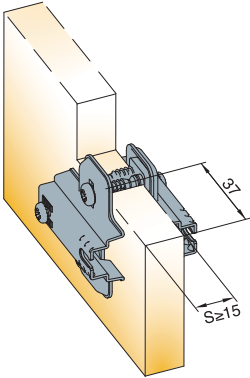
 200 Pcs Made of steel



Mounting plate thickness



Height adjustment +/- 2mm

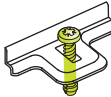
	Mounting plate type	 10.5		
	Mounting plate thickness (D)			
	Item number			
	3mm	244-0V50-050		

Minimum panel thickness is 15mm

Legend of mounting plate type symbols

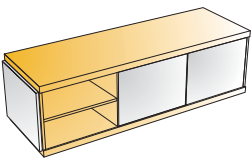
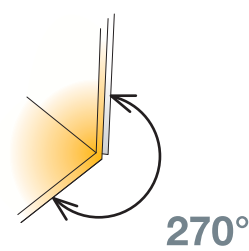


Pre-mounted
10.5mm
expanding dowels



Wide Angle Hinge 270

For wood doors



- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

270°
35mm
12.5mm
key-hole



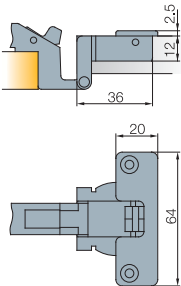
Technical details

Cup type

With spring

Item number

Wide angle hinge 270



200 Pcs

Made of zinc

Cruciform mounting plate



D=0mm



244-0907-650



13

244-0848-650

D=2mm



244-0D99-650



13

244-0E02-650

D=6mm



244-0D47-650



13

244-0D46-650

This mounting plate can be only used with Wide angle hinge 270. Information about mounting plate symbols → see page 2.168

200 Pcs

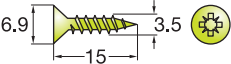
Made of zinc

Mounting plates



This hinge can be only used with above cruciform mounting plate

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Legend of hinge cup symbols



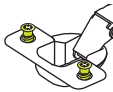
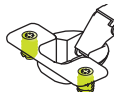
Screw-on ready
← screws



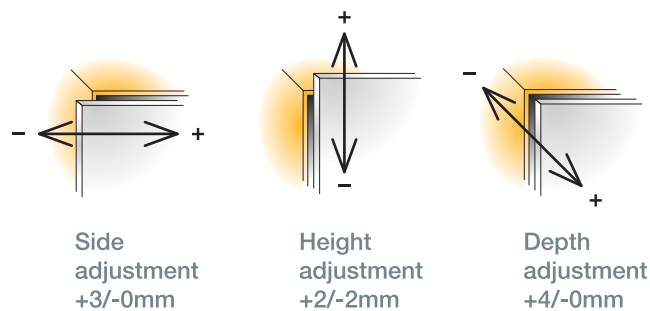
Machine insertion ready



Pre-mounted euro screws



Door adjustment

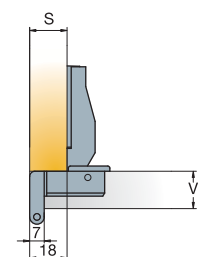


For further explanation → see pages 2.22-2.24

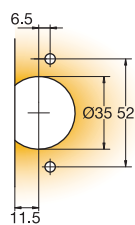


With spring

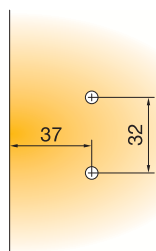
Mounting details



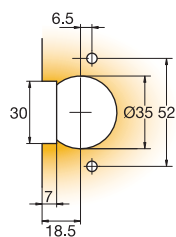
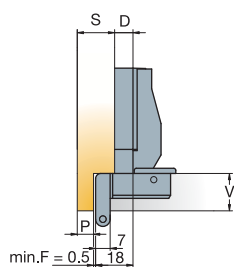
Drawing shows application on D=0 mounting plate and S=18 side panel.



Drawing shows application on D=6mm mounting plate



Mounting plate drilling distance



Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 2.13

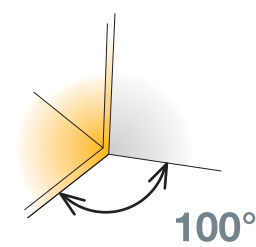
S	16	17	18	19	20	21	22	23	24
0	2		0						
1		2		0					
2			2		0				
3				2		0			
4	6				2		0		
5		6				2		0	
P 6			6				2		0
7				6				2	
8					6				2
9						6			
10							6		
11								6	
12									6 D

Door thickness



For correct opening, door thickness has to be (V_{MAX}) 21mm

Refrigerator Cabinet Door Hinge 100



- Opening angle100°
- Drilling diameter for hinge cup35mm
- Drilling depth11mm
- Hinge on plate mounting systemkey-hole

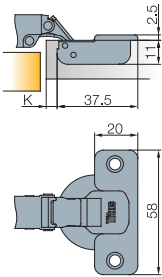


Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

Cranking

0mm



	248-0R09-050	248-0K10-050
		248-0M41-050

Drilling patterns for hinge cups → see page 2.17



200 Pcs

Cup made of steel, arm made of zinc

Cruciform mounting plate



	244-0655-050	
	244-0846-050	

This mounting plate can be only used with Refrigerator cabinet door hinge 100.
Information about mounting plate symbols → see page 2.168



500 Pcs

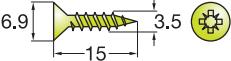
Made of steel

Mounting plates



This hinge can be mounted only with above cruciform mounting plates.

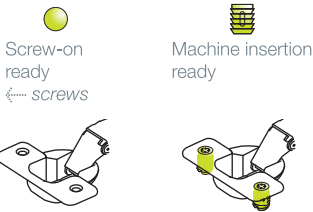
Hinge cup screws
If not pre-mounted



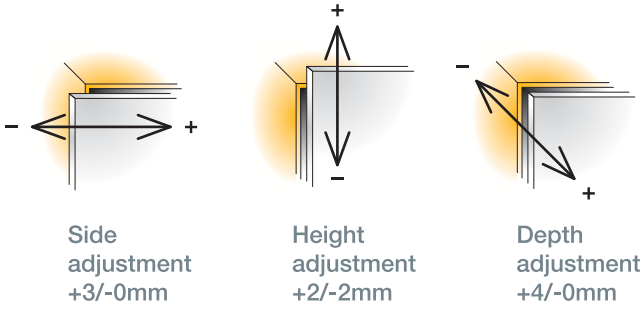
820-6308-050

10000 Pcs

Legend of hinge cup symbols

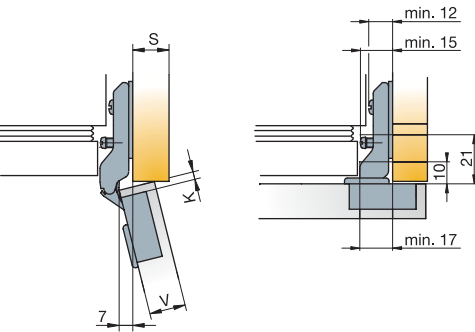


Door adjustment



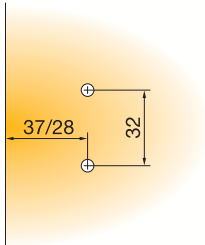
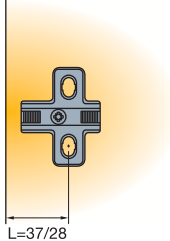
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on mounting plate

Mounting plate drilling distance



Door clearance
For further explanation → see page 2.14

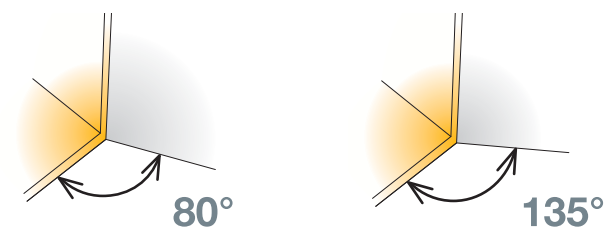


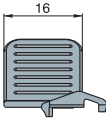
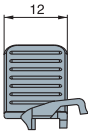
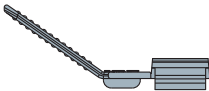
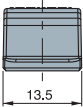
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

Hinge Angle Restrictors

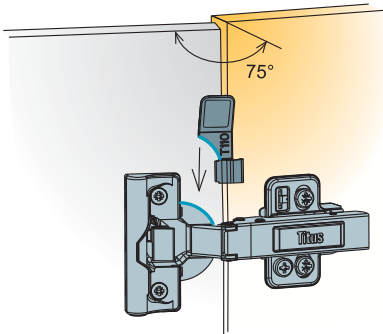
For all Titus Hinges with 110° and 170° opening angle



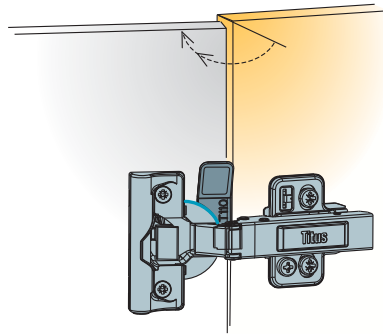
		Technical details	Item number	Light grey
80° Hinge Angle Restrictor T-type		For all T-type 110°	728-4669 →	380
  				
 200 Pcs Made of plastic				
80° Hinge Angle Restrictor S-type, B-type		For all S-type 110° and B-type 110°	248-4668 →	380
  				
 200 Pcs Made of plastic				
135° Hinge Angle Restrictor		For all 170° hinges	248-4672 →	380
  				
 200 Pcs Made of plastic				

- Hinge angle restrictor limits opening angle
- Prevents door damage
- Easy and quick mounting and dismantling

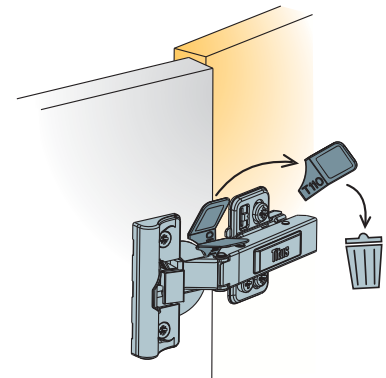
Mounting details



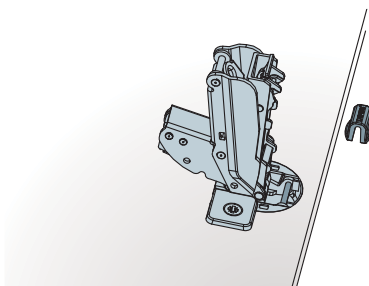
Open the door to approximately 75° and position angle restrictor to follow the hinge cup form



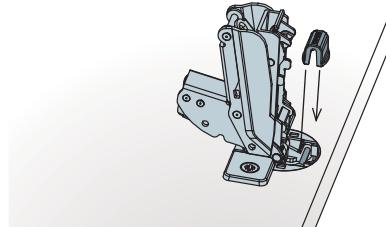
Slightly open the door to hear the click meaning angle restrictor is in the right position



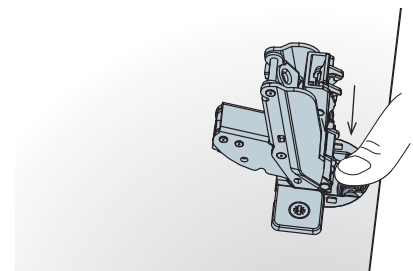
Close the door to remove the restrictor holder (cracks by itself while closing the door)



Hinge has to be in closed position

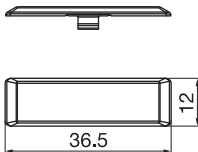
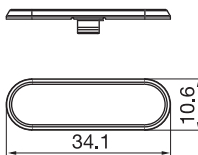
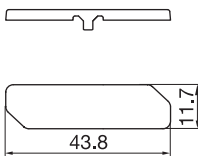


Insert angle restrictor into the hinge cup



When angle restrictor is in the right position push it down

Recommended to insert angle restrictor while doors are not mounted on the cabinet

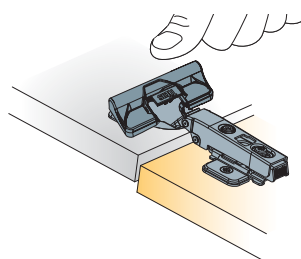
		Technical details	Plate type	Material/surface	Item number	Nickel plated
T-type			Titus	steel	728-1286 →	054
 			neutral	steel	728-1283 →	054
 5000 Pcs Made of steel			Only for T-type 110 0mm, 120 0mm, 110/15°, 110/30°, 110/45° 9mm, 17mm and 23mm, 110/90° 17mm			
T-type			Titus	steel	728-1287 →	054
 			neutral	steel	728-1284 →	054
 5000 Pcs Made of steel			For all T-type range			
S-type B-type			Titus	steel	248-1646 →	050
 			neutral	steel	248-1712 →	050
 4000 Pcs Made of steel						

Glissando Soft Closing Systems for Hinges



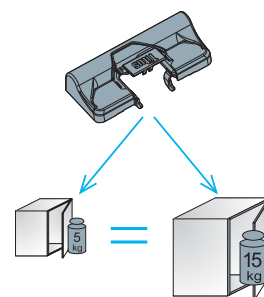
ConfidentClose

- 1 Fast closing
- 2 Late start of deceleration action
- 3 Quiet landing with 'SoftTouch'



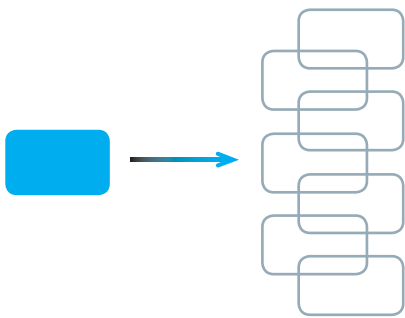
Tool-less mounting

- Reduced assembly time
- Flexible usage also as a retrofit option



Consistent Performance

- Only one Glissando for two to three hinges
- Allows for consistent performance on a wide range of door dimensions and weights



One-for-all

- One item fits multiple applications
- Same item can be used on all crankings and angled hinges



Titus Damper Inside

- Titus proprietary multi-purpose damping technology
- Reliable and consistent damping

Glissando Add-on

Soft Closing Range

How to Choose the Right Glissando?

Glissando TT
Glissando TL3
Glissando TL 170
Glissando CR
Glissando AL

Titus Glissando soft closing system is available for the whole range of hinge applications. The user can choose between add-on or stand-alone solutions.

Concealed hinges	Add-on hinge soft closing solutions			Stand-alone door soft closing solution	
	Glissando TT	Glissando TL3	Glissando TL 170	Glissando CR	Glissando AL
T-type 95	X			X	X
T-type 110	X			X	X
T-type 110/15°	X				
T-type 110/30°	X				
T-type 110/45°	X				
T-type 110/90°	X				
T-type 120	X			X	X
T-type 170			X	X	X
S-type 110		X		X	X
S-type 110/15°		X			
S-type 110/24°		X			
S-type 110/30°		X			
S-type 110/45°		X			
S-type 110/90°		X			
S-type 170			X	X	X
S-type 110 AL					X
B-type 110		X		X	X
B-type 110/30°		X			
B-type 110/45°		X			
B-type 110/90°		X			
B-type 170			X	X	X
B-type 110 AL					X

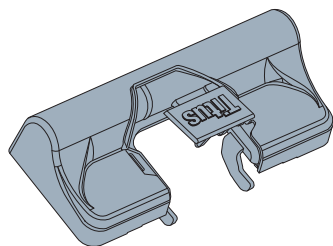


Titus Glissando soft closing devices can't be used with unsprung and reverse spring hinges.
→ for details check page 2.24

Glissando TT 'One-for-all'

T-type

- One item fits multiple applications
- Same item can be used on all crankings and angled hinges
- Designed to fit the concealed hinge cup
- Tool-less mounting
- Suitable for different types of cabinets for kitchens, living rooms, bathrooms and other furniture



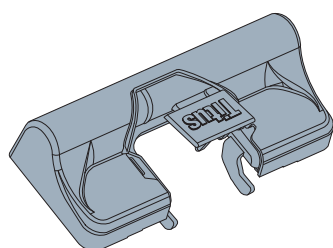
T-type 95 0mm		T-type 110/15° 9mm	
T-type 110 0mm		T-type 110/30° 9mm	
T-type 110 5mm		T-type 110/45° 9mm	
T-type 110 9mm		T-type 110/45° 17mm	
T-type 110 17mm		T-type 110/45° 23mm	
T-type 120 0mm		T-type 110/90° 17mm	

Glissando

Application

Glissando TL3 'One-for-all'

S-type B-type



- One item fits multiple applications
- Same item can be used on all crankings and angled hinges
- Adjustable damping enables perfect functioning on every door

- Designed to fit the concealed hinge cup
- Tool-less mounting
- Suitable for different types of cabinets for kitchens, living rooms, bathrooms and other furniture

S-type 110
0mm



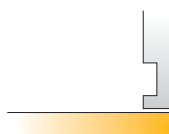
B-type 110
0mm

S-type 110
9mm



B-type 110
9mm

S-type 110
15mm



B-type 110
15mm

S-type 110/15°
9mm



B-type 110/30°
9mm

S-type 110/24°
9mm



B-type 110/45°
9mm

S-type 110/30°
9mm



B-type 110/45°
18mm

S-type 110/45°
9mm



B-type 110/90°
18mm

S-type 110/45°
18mm



S-type 110/90°
18mm



Glissando

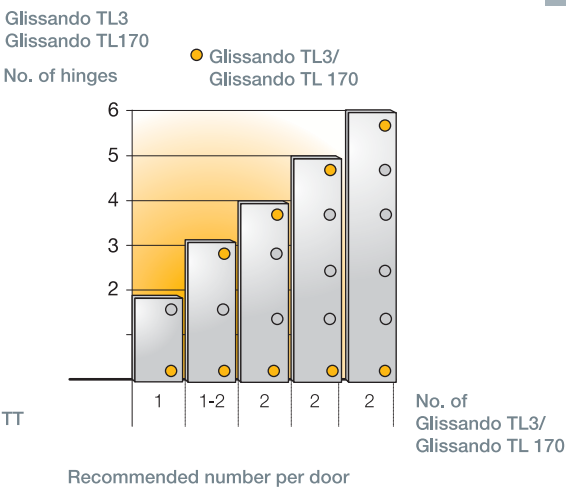
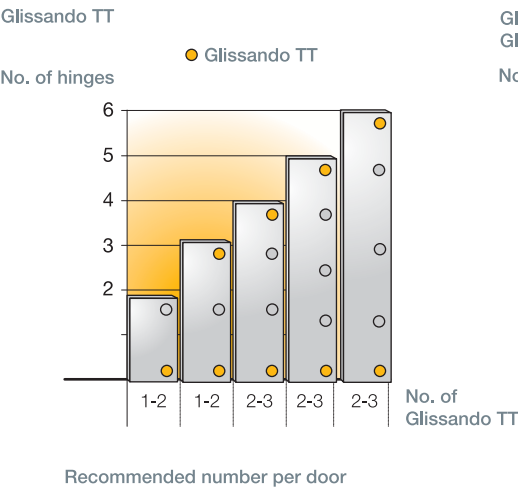
Number per Door and Positioning

How Many Glissandos per Door?

Add-on hinge soft closing solution

Glissando TT
Glissando TL3
Glissando TL 170

Number of Glissando per door depends on door dimensions, door weight, hinge arrangement.
Trial mounting is recommended.



Stand-alone soft closing solution

Glissando CR
Glissando AL

Mount Glissando CR/AL on the hinged side of the cabinet on the top or bottom.



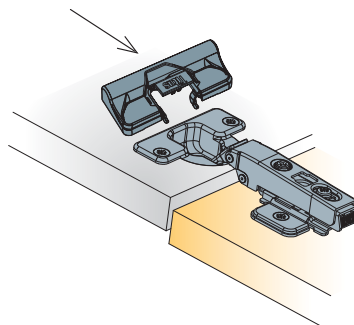
Glissando

Mounting

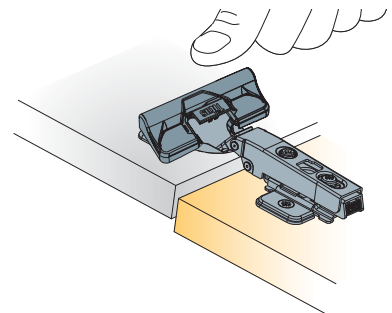
How to Mount Glissando?

Tool-less mounting

Glissando TL3
Glissando TT
Glissando TL 170



Simple tool-less assembly: Insert Glissando into the holes on the hinge and press down with hand.



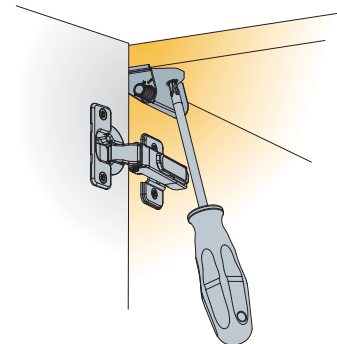
The tool-less 'snap on' version for reduced assembly time and flexibility of application. Glissando TL can be mounted at any time after furniture assembly so can be offered as a retro fit option by the installer.

Screw-on into the cabinet corner

Glissando CR

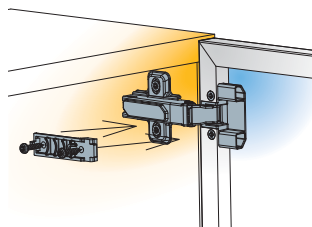
Glissando CR is mounted into the cabinet corner by using chipboard screws 20mm long.

Glissando dampers' discreet design enhances the look of the door and occupies minimal space in the cabinet interior.

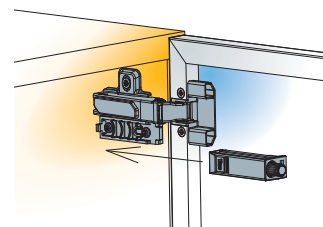


Screw-on onto the mounting plate

Glissando AL



Position the mounting plate below the hinge arm and fix with two screws. Use hinge mounting plate as a reference.



Slide Glissando AL onto the mounting plate

Glissando

Damping Adjustment

How to Adjust Damping?

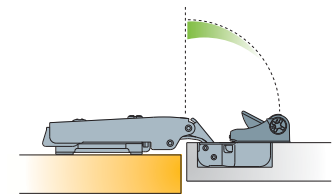
Add-on hinge soft closing solution

Glissando TL 170

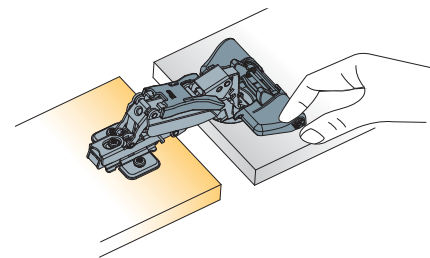
Glissando features quarter turn adjustment to provide optimal closing speed for any door dimensions and weight.

The damping function can be adjusted to fit different door weights which enables

- perfect door functioning
- use of the same type of Glissando for various doors



Adjustable damping zone

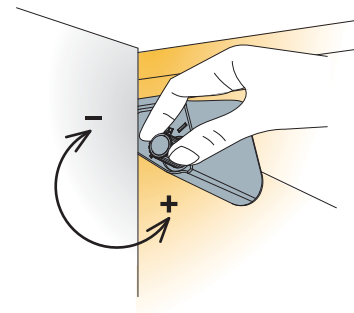


Turn towards '+' to increase and '-' to decrease the damping

Stand-alone soft closing solution

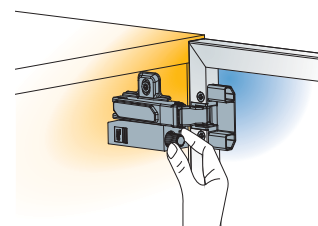
Glissando CR
Glissando AL

Turn towards '+' to increase or towards '-' to decrease the damping.



Damping adjustment

- Simple mounting
- Intuitive damping adjustment



Turn towards '+' to increase and '-' to decrease the damping

Glissando

Titus Damper Inside

Titus Hydraulic Damper

Efficient modular design

- Low number of assembly parts enables quick development of customised solutions
- Engineered for efficient and high precision manufacturing
- Wide range of applications

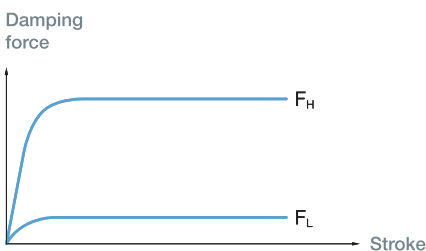


Wide operating scope

- High coefficient γ of Titus damper assures efficient damping at any closing speed
- Damping force can be easily adapted to customer needs

$$\gamma = \frac{F_H}{F_L}$$

F_H – damping force at slam speed (12mm/s)
 F_L – damping force at slow speed (1mm/s)



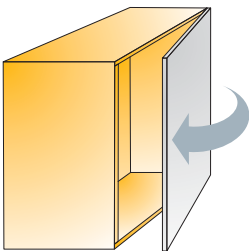
Reliable damping and closing at any speed

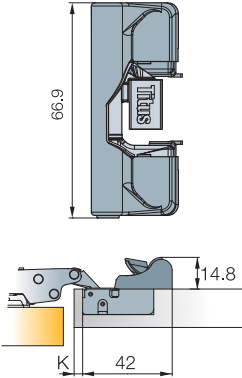
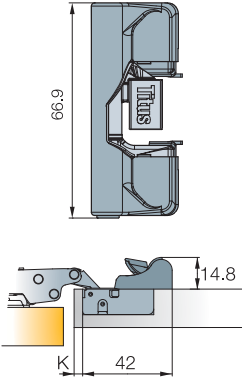
Higher coefficient γ means reliable damping at high speed and ensures that the system will reach its final position even at very slow speed



Glissando TT
Glissando TL3
Add-on Hinge Damper

For 95°, 110° and 120° hinges

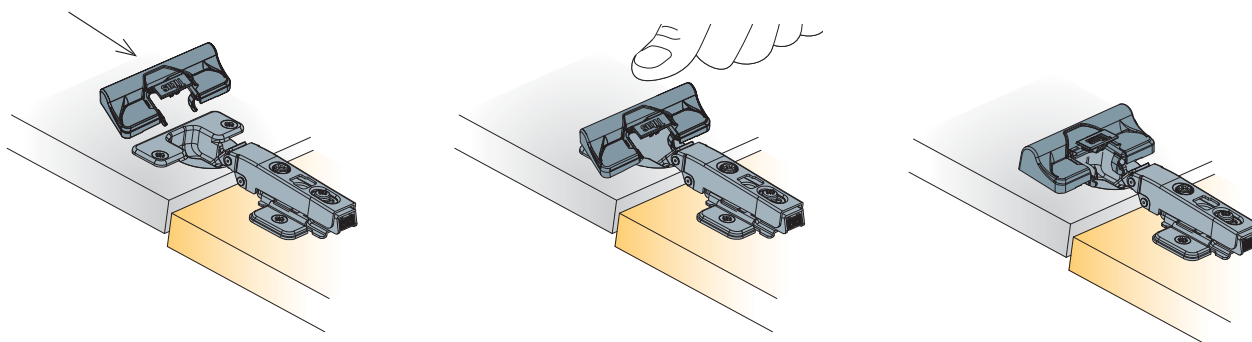


Technical details		Hinge opening angle	Item number
Glissando TT • T-type 95 • T-type 110 • T-type 120    200 Pcs Made of steel and plastic		95°, 110°, 120°	729-0K71-054
Glissando TL3 • S-type 110 • B-type 110    200 Pcs Made of steel and plastic		110°	951-0D45-054

- Same item can be used on most of crankings and angled hinges
- Intuitive snap-on mounting
- Low protrusion in cabinet interior
- Consistent performance across a broad range of furniture doors

Mounting details

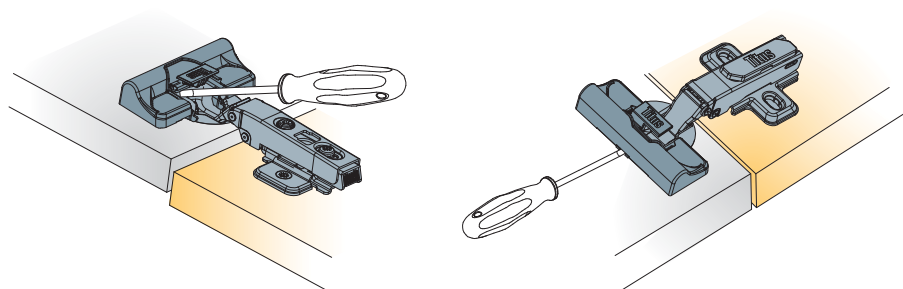
Tool-less mounting



Insert Glissando TL3 into the holes on the hinge

Press down

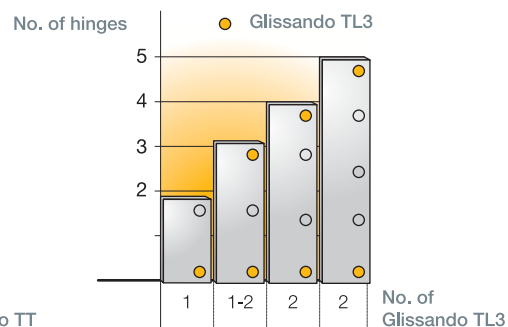
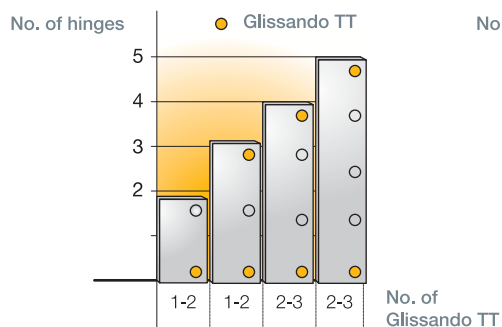
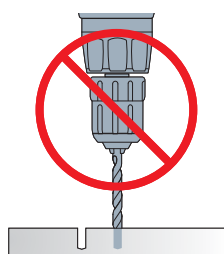
Dismounting details



Use flat screwdriver

A trial mounting is always recommended.

Recommended number of Glissandos per door



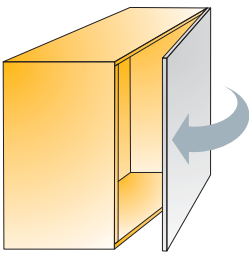
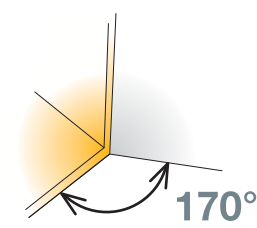
No additional drilling is required

Glissando TL 170

Add-on Hinge

Door Soft Close

For T-type 170, S-type 170 and B-type 170 hinges



Technical details

Glissando TL 170

Hinge
opening angle

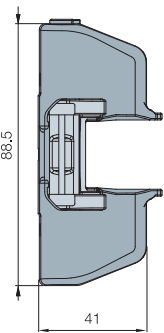
Item
number

170°

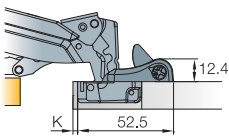
951-0F15-650



Soft closing mechanism



Striking plate



Box content
100 pcs soft closing
mechanisms
100 pcs striking plates

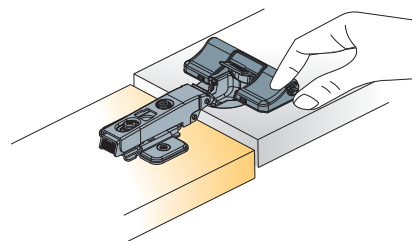


100 Pcs

Made of steel, plastic and zinc

- Gentle and reliable soft closing on doors with wider opening angle
- Fits perfectly 45/9.5mm, 48/6mm and 52/5.5mm hinge cups
- ConfidentClose
- Tool-less mounting

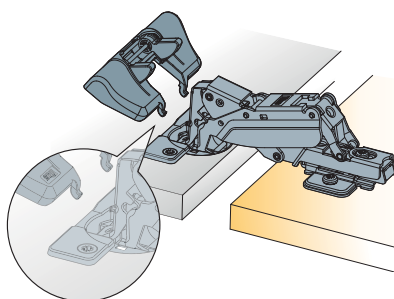
Damping adjustment



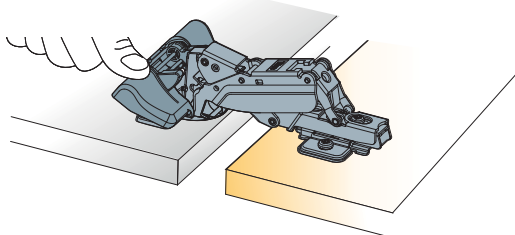
Turn towards '+' to increase and '-' to decrease the damping

Mounting details

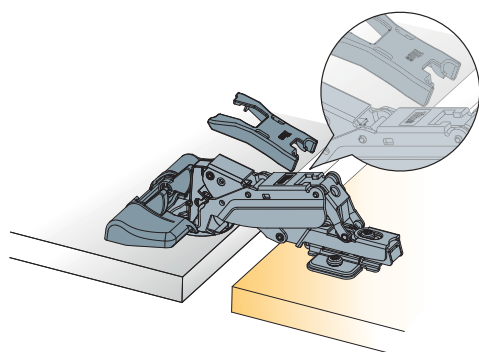
Tool-less mounting



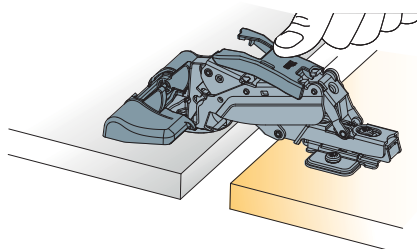
Insert Glissando TL 170 into the holes on the hinge cup



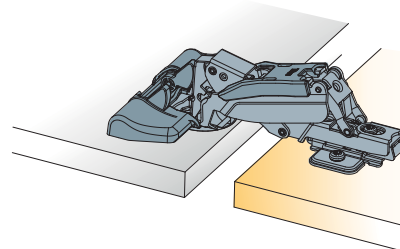
Press down



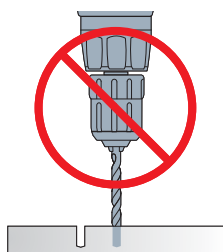
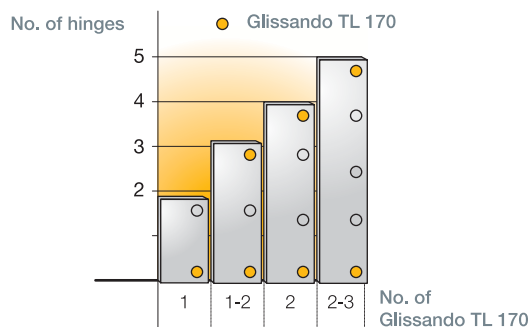
Place the striking plate into the hole on the hinge arm



Press down



Recommended number of Glissandos per door



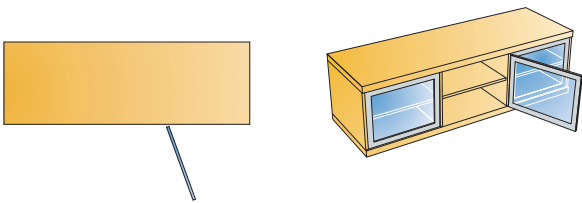
No additional drilling is required

Glissando AL

Add-on Hinge

Door Soft Close

For 20mm aluminium frame doors



- Simple mounting
- Intuitive damping adjustment

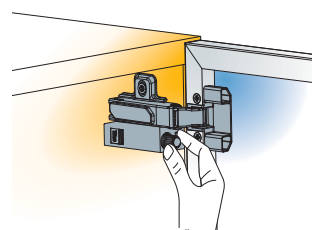
		Technical details	Item number	Grey
Glissando AL 200 Pcs			972-0420 →	380
Full overlay mounting plate 200 Pcs			972-4564 →	380
Half overlay mounting plate 200 Pcs			972-4565 →	380
Inset door mounting plate 200 Pcs			972-4566 →	380

Hinge cup screws
 If not pre-mounted

972-6344-042
 1000 Pcs

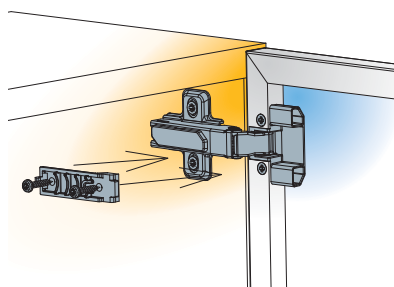
- Simple mounting
- Intuitive damping adjustment
- Use with B-type AL hinges

Damping adjustment

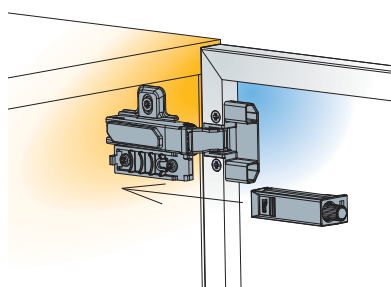


Turn towards '+' to increase and '-' to decrease the damping

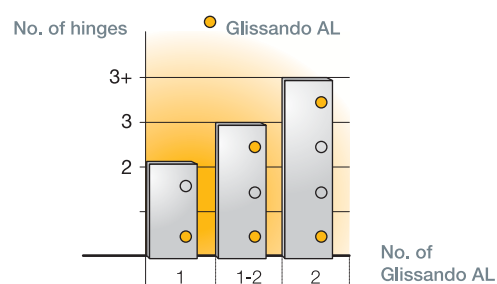
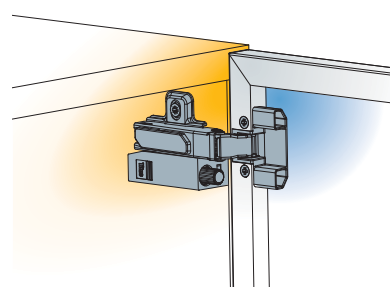
Mounting procedure



Position the mounting plate below the hinge arm and fix it with two screws. Use hinge mounting plate as a reference.



Slide Glissando AL onto the mounting plate.



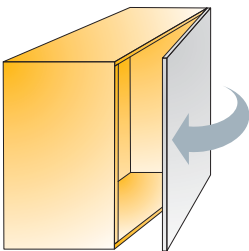
Recommended number per door

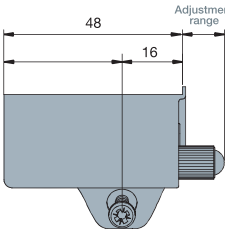
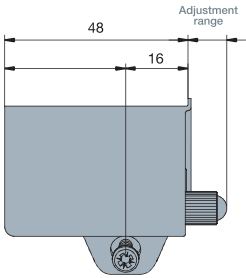
Glissando CR

Stand-alone

Door Soft Close

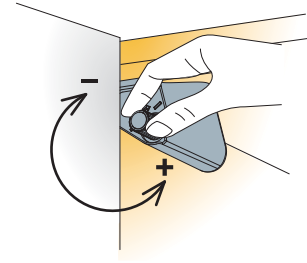
For full overaly and half overaly
concealed hinges



 Technical details		Hinge opening angle	Cranking	Item number	White housing	Grey housing	Beige housing
Glissando CR for full overlay hinges  Nominal 11 (Adjustment: Nominal + 5mm)  100 Pcs Made of plastic		110°	0mm, 5mm	972-0X19 →→	350	380	360
		*Fixing screw included in a set					
Glissando CR for half overlay hinges  Nominal 10 (Adjustment: Nominal + 5mm)  100 Pcs Made of plastic		110°	9mm, 17mm	972-0X34 →→		380	
		*Fixing screw included in a set					

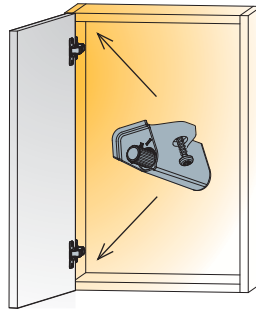
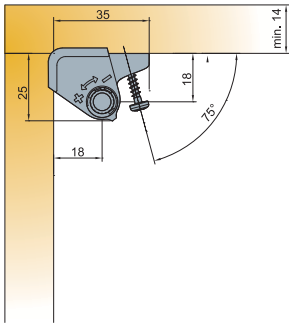
- Intuitive 'place and fix' installation in the corner of the cabinet
- Tool-less damping adjustment
- One item for a wide range of doors
- Reliable performance
- Can be paired with all self-closing hinges

Damping adjustment

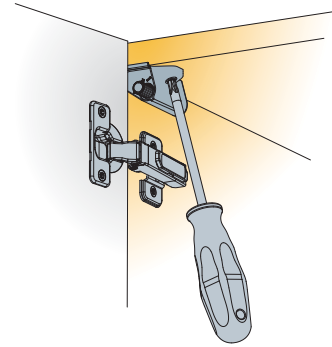


Turn towards '+' to increase and towards '-' to decrease the damping

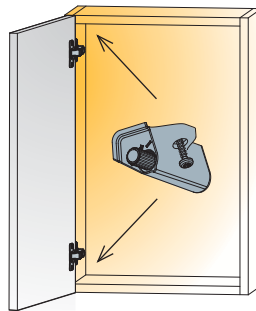
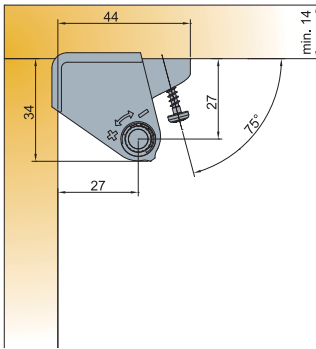
Mounting details



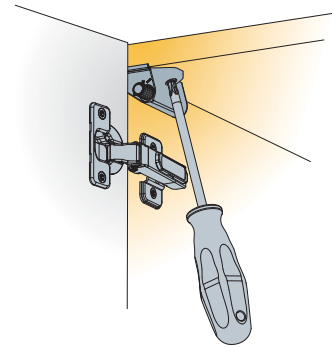
Mount Glissando CR on the hinged side of the cabinet



One screw fixing



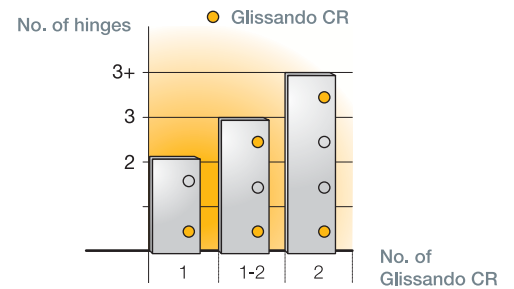
Mount Glissando CR on the hinged side of the cabinet



One screw fixing



The functioning of Glissando CR depends of the hinge's closing force. A trial mounting is always recommended.



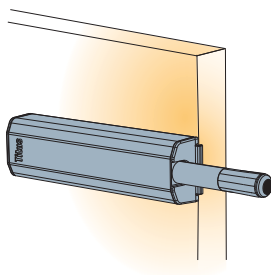
Recommended number per door

PushOpen Solutions



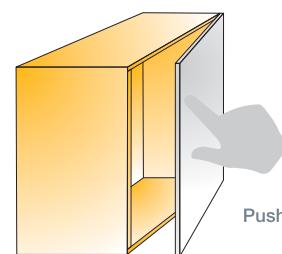
Push Latch S2

- Damping system controls the outward motion, making the door opening decisive but soft, silent and bounceless
- Ensures soft landing of the door using damped or non-damped hinges



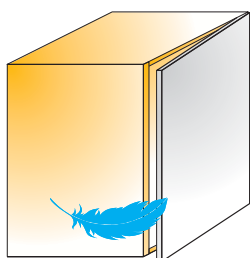
Safety detachment

- Push Latch easily disengages from the mounting plate in case of accidental hits
- Secure detachment



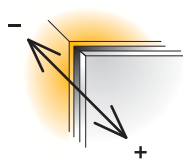
Effortless touch opening

- Easy opening with minimum effort
- Gentle, reliable closing with just a light touch



Reliable performance

- Reliable door opening and closing throughout the life-time

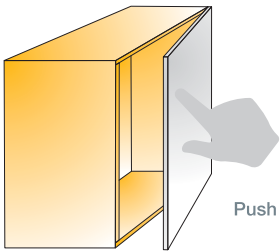


Toolless door gap adjustment

- Easy to compensate any door gaps that might occur during installation
- Simple turn of the adjustment button by hand
- Ensures reliable closing and opening of doors or drawers

Push Latch S2

For wood doors



Push Latch S2

Titus logo

Item number

915-0W34 →

Silver grey

381



Push Latch S2

Set consists of:



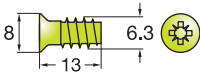
200 Sets



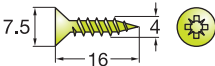
Linear mounting plate with lip

200 Sets Made of steel and plastic

Fixing screws for mounting plates



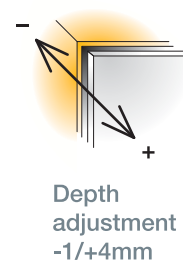
Euro screws
821-6323-050
5000 Pcs



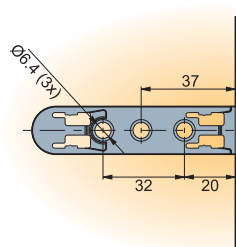
Chipboard screws
820-6328-050
10000 Pcs

- Bounceless and reliable door opening and closing
- Safety detachment feature of the mechanism from its mounting plate
- Depth adjustment assures reliable and consistent push-to-open action
- Compatibility with damped or non-damped hinges ensures soft landing of the door

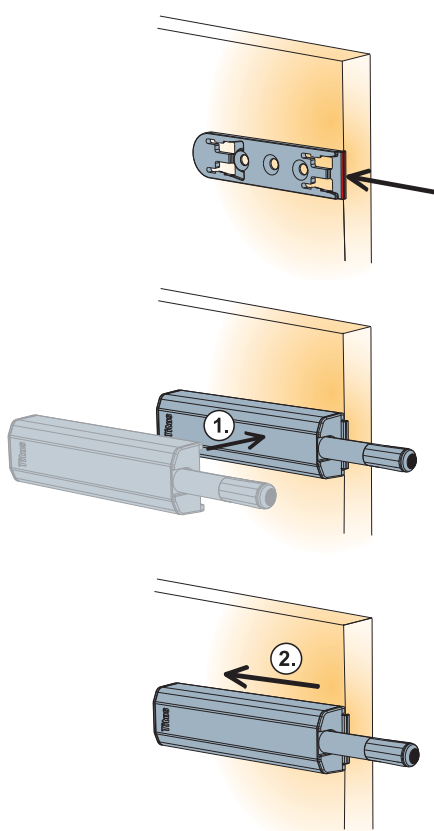
i Push Latch S2 works with standard hinges with and without damping.



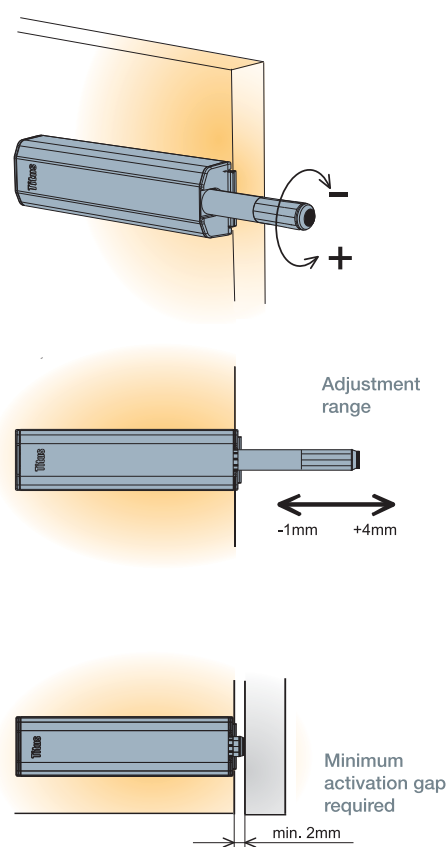
Drilling pattern



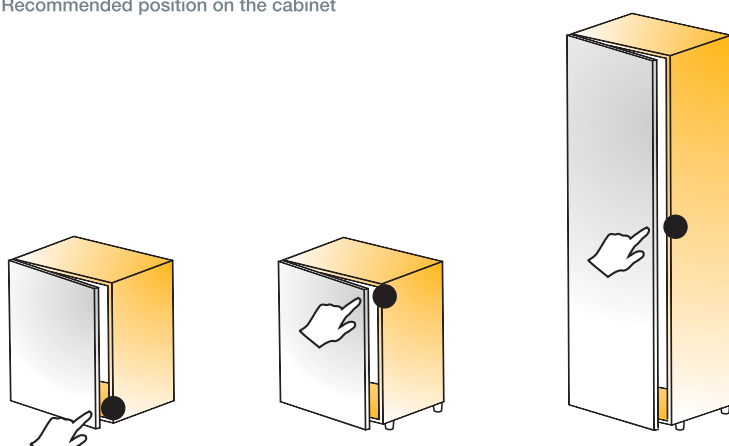
Mounting



Depth adjustment



Recommended position on the cabinet

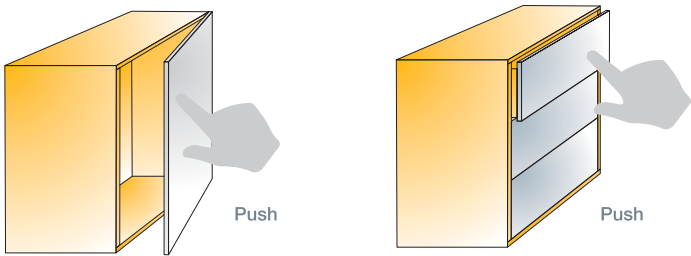


Close to the 'touch opening point' on the side opposite to hinges

For application on cabinets with more than 2 hinges and cabinets with narrow doors we recommend a trial mounting.

Push Latch

For wood doors and drawers



Push Latch



Push Latch



Cruciform mounting plate

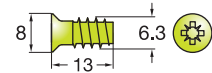


Linear mounting plate

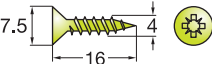
 200 Pcs Made of steel and plastic

	Spring force [N] (released)	Spring force [N] (loaded)	Item number	Silver grey
With bumper	10	20	915-0X59 →	381
With bumper	13	27	915-0320 →	381
With magnet	10	20	915-0D22 →	381
Linear m. plate			915-4175 →	381
Cruciform m. plate			915-4183 →	381
Sets:				
With bumper	Cruciform m. plate		Linear m. plate	
	915-0X59-381-K1		915-0X59-381-K2	
With magnet	915-0D22-381-K1		915-0D22-381-K2	

Fixing screws for mounting plates



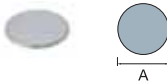
Euro screws
821-6323-050
 5000 Pcs



Chipboard screws
820-6328-050
 10000 Pcs

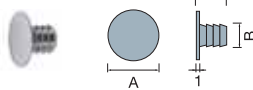
Accessories for Push Latch with magnet (Nickel plated steel)

Counter plate self adhesive



A = Ø15 915-7159-050  500 Pcs

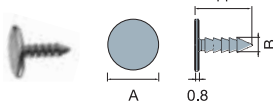
Counter plate



A = Ø10 B = Ø5 915-7196-050  500 Pcs

A = Ø15 B = Ø8 915-7190-050  500 Pcs

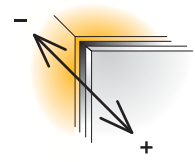
Knock-in Counter plate



A = Ø10 B = Ø2.8 915-7199-050  500 Pcs

- Effortless opening with just a light touch
- Depth adjustment ensures reliable closing and consistent performance in case of inaccurate drilling
- 'Safety click' feature for easy detachment of the mechanism from its mounting plate

Door adjustment



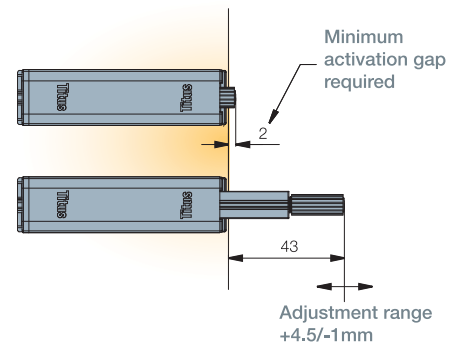
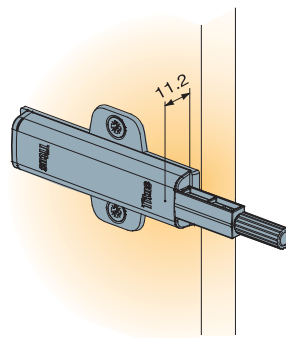
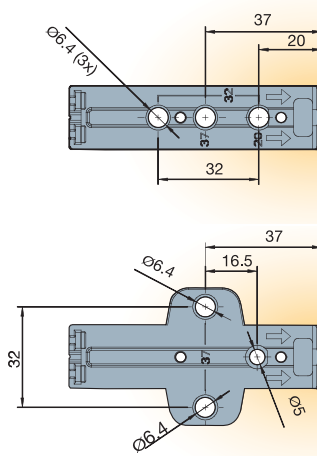
Depth
adjustment
+4.5/-1 mm

Concealed Hinges

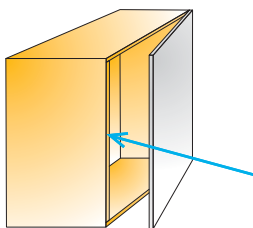
Drilling pattern

Dimensions

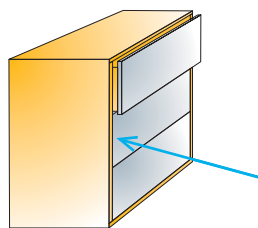
Depth adjustment



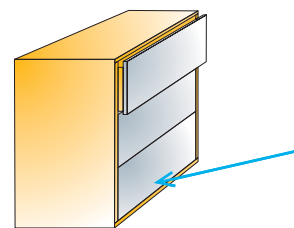
Positioning



**Close to the 'touch opening point'
on the side opposite to hinges**

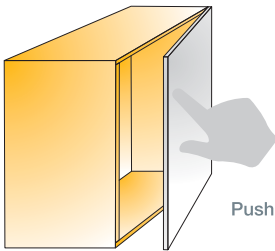


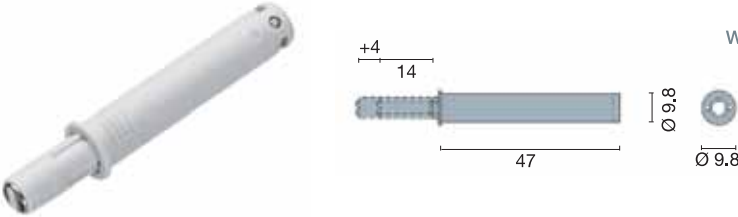
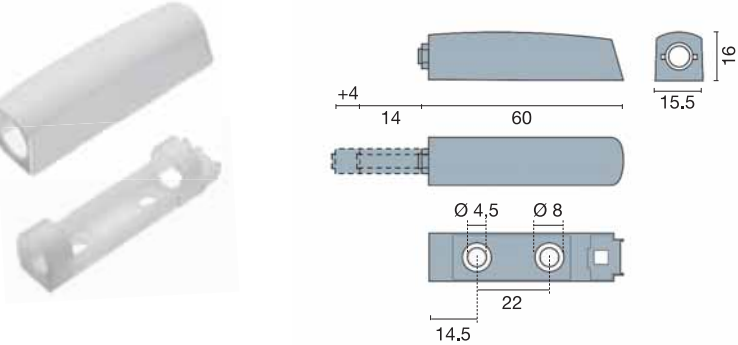
On the cabinet side; gap between
drawer and cabinet side 12mm min



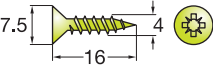
On the drawer bottom; in the middle of drawer

PushOpen Short



		Technical details	Stroke [mm]	Item number	White	Grey	Lead grey	Black
PushOpen Short 	With bumper		14	915-7187 →	350	380	383	390
	With magnet		14	915-7185 →	350	380	383	390
 100 Pcs Made of steel and plastic								
Housing Short 				915-7192 →	350	380	383	390
 100 Pcs Made of plastic								

Fixing screws for housing



Chipboard screws
820-6328-050

 10000 Pcs

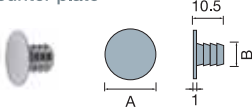
Accessories for PushOpen with magnet (Nickel plated steel)

Counter plate self adhesive



A = Ø15 **915-7159-050**  500 Pcs

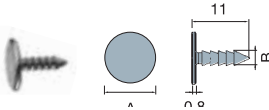
Counter plate



A = Ø10 B = Ø5 **915-7196-050**  500 Pcs

A = Ø15 B = Ø8 **915-7190-050**  500 Pcs

Knock-in Counter plate



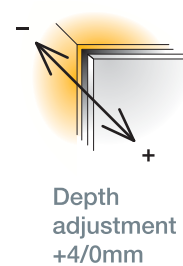
A = Ø10 B = Ø2.8 **915-7199-050**  500 Pcs

- Effortless opening with just a light touch
- Depth adjustment ensures reliable opening

Door adjustment



PushOpen with bumper works with standard hinge
PushOpen with magnet works with reverse spring or unsprung hinges

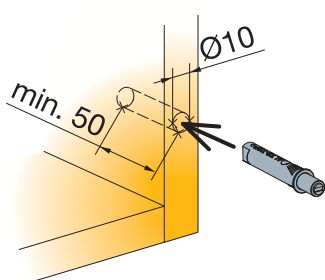


Depth adjustment
+4/0mm

Drilling pattern and mounting procedure

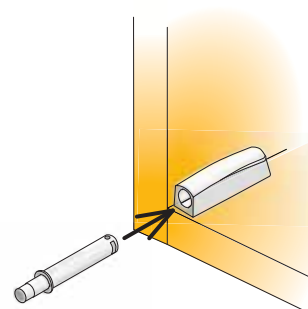
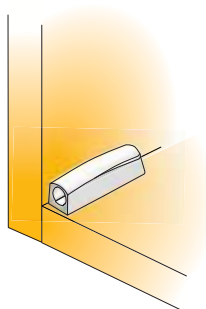
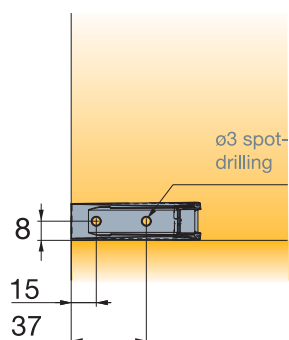
Depth adjustment

Without housing



Adjustment made by rotating the depth adjustment screw

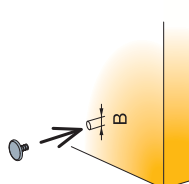
With housing



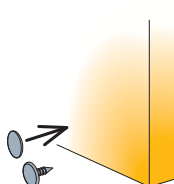
Application on door for Counter plates

Application on door for Counter plate with double side tape and knock-in counter plate

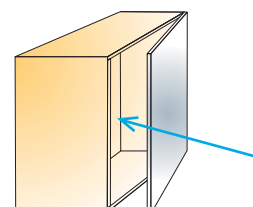
Positioning



Pre-drilled hole
ØB x 10mm

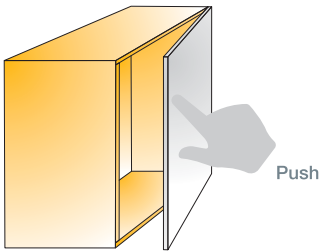


Sticking or knock-in position



Close to the 'touch opening point' on the side opposite to hinges

PushOpen Long



Technical details

Stroke [mm]

Item number

White

Grey

Lead grey

Black

PushOpen
Long

With bumper

37

915-7188 →

350

380

383

390

With magnet

37

915-7186 →

350

380

383

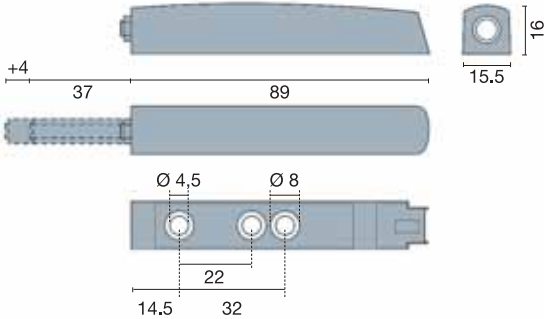
390



100 Pcs

Made of steel and plastic

Housing
Long



100 Pcs

Made of plastic

915-7193 →

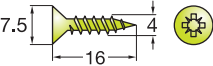
350

380

383

390

Fixing screws for housing



Chipboard screws
820-6328-050

10000 Pcs

Accessories for PushOpen with magnet (Nickel plated steel)

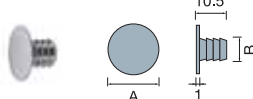
Counter plate self adhesive



A = Ø15

915-7159-050 500 Pcs

Counter plate



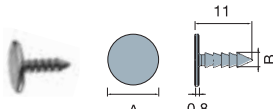
A = Ø10 B = Ø5

915-7196-050 500 Pcs

A = Ø15 B = Ø8

915-7190-050 500 Pcs

Knock-in Counter plate



A = Ø10 B = Ø2.8

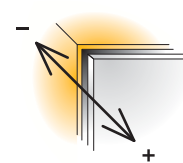
915-7199-050 500 Pcs

- Effortless opening with just a light touch
- Depth adjustment ensures reliable opening

Door adjustment



PushOpen with bumper works with standard hinge
PushOpen with magnet works with reverse spring or unsprung hinges

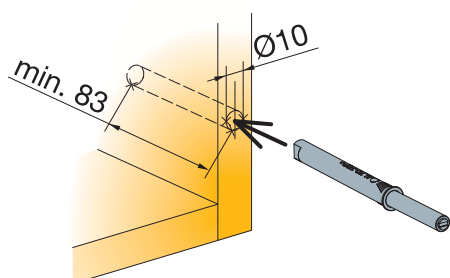


Depth adjustment
+4/0mm

Drilling pattern and mounting procedure

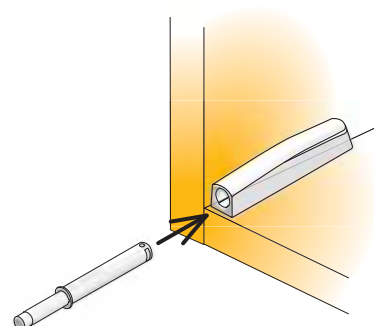
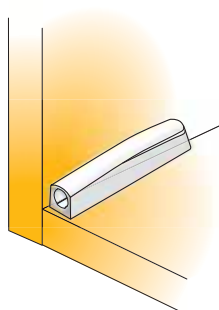
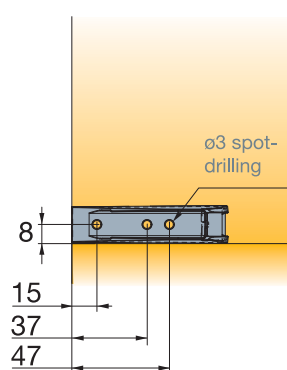
Depth adjustment

Without housing



Adjustment made by rotating the depth adjustment screw

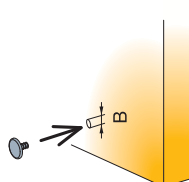
With housing



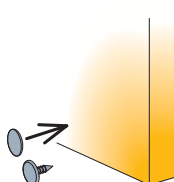
Application on door for Counter plates

Application on door for Counter plate with double side tape and knock-in counter plate

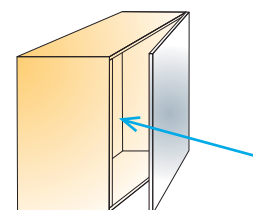
Positioning



Pre-drilled hole
ØB x 10mm



Sticking or knock-in
position



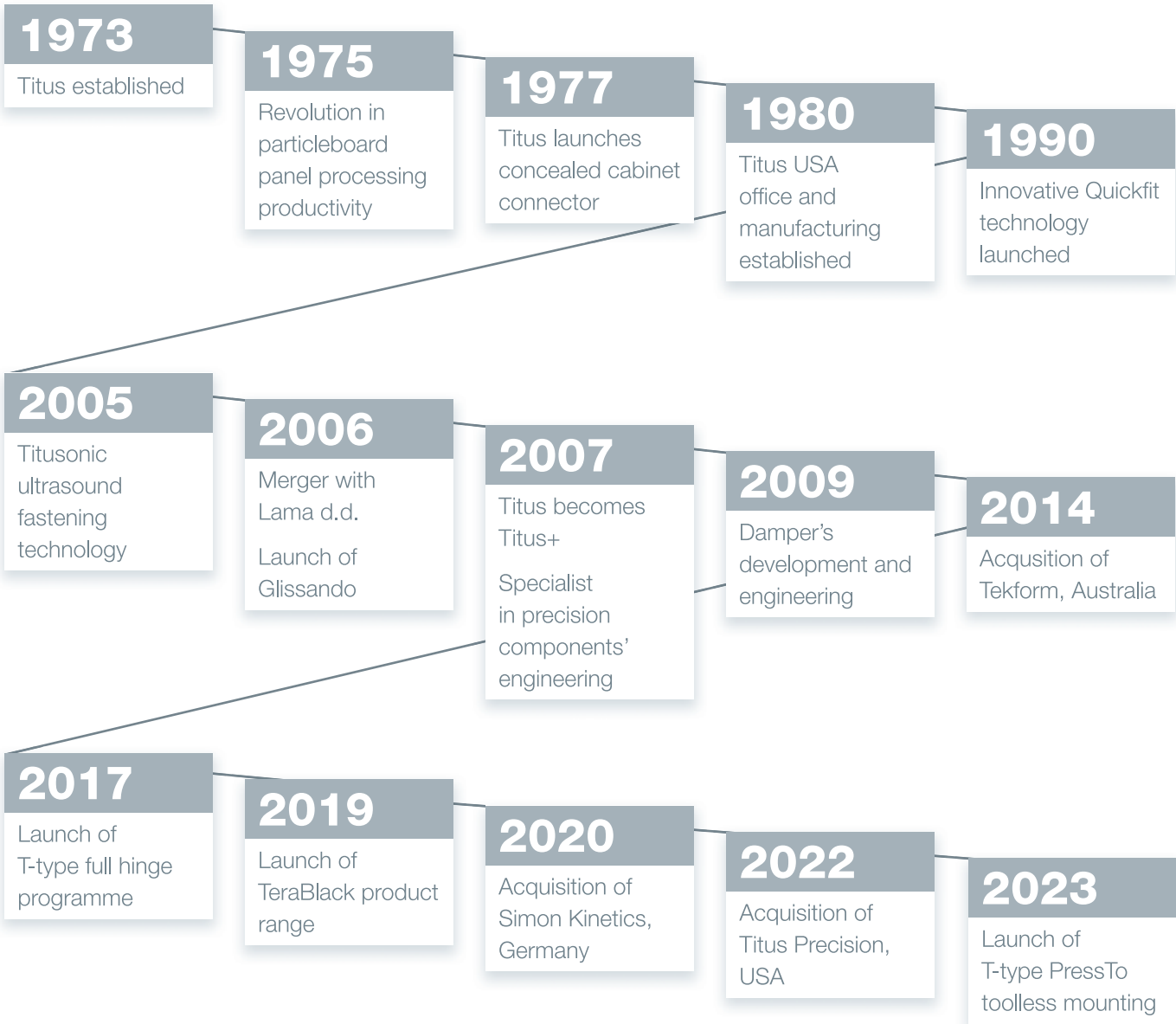
Close to the 'touch opening point'
on the side opposite to hinges

The Titus Group Profile

Titus focuses on the design, manufacturing and distribution of connectors, concealed hinges drawers and soft closing mechanisms in furniture and household appliances.

Titus Group is owned and managed from its headquarters in United Kingdom. We are able to provide products and services to every customer around the world based on manufacturing and distribution facilities in Europe, North America, China, SE Asia, Australia and New Zealand.

Quickfit technology makes Titus the World leader in connectors for RTA furniture



Vision

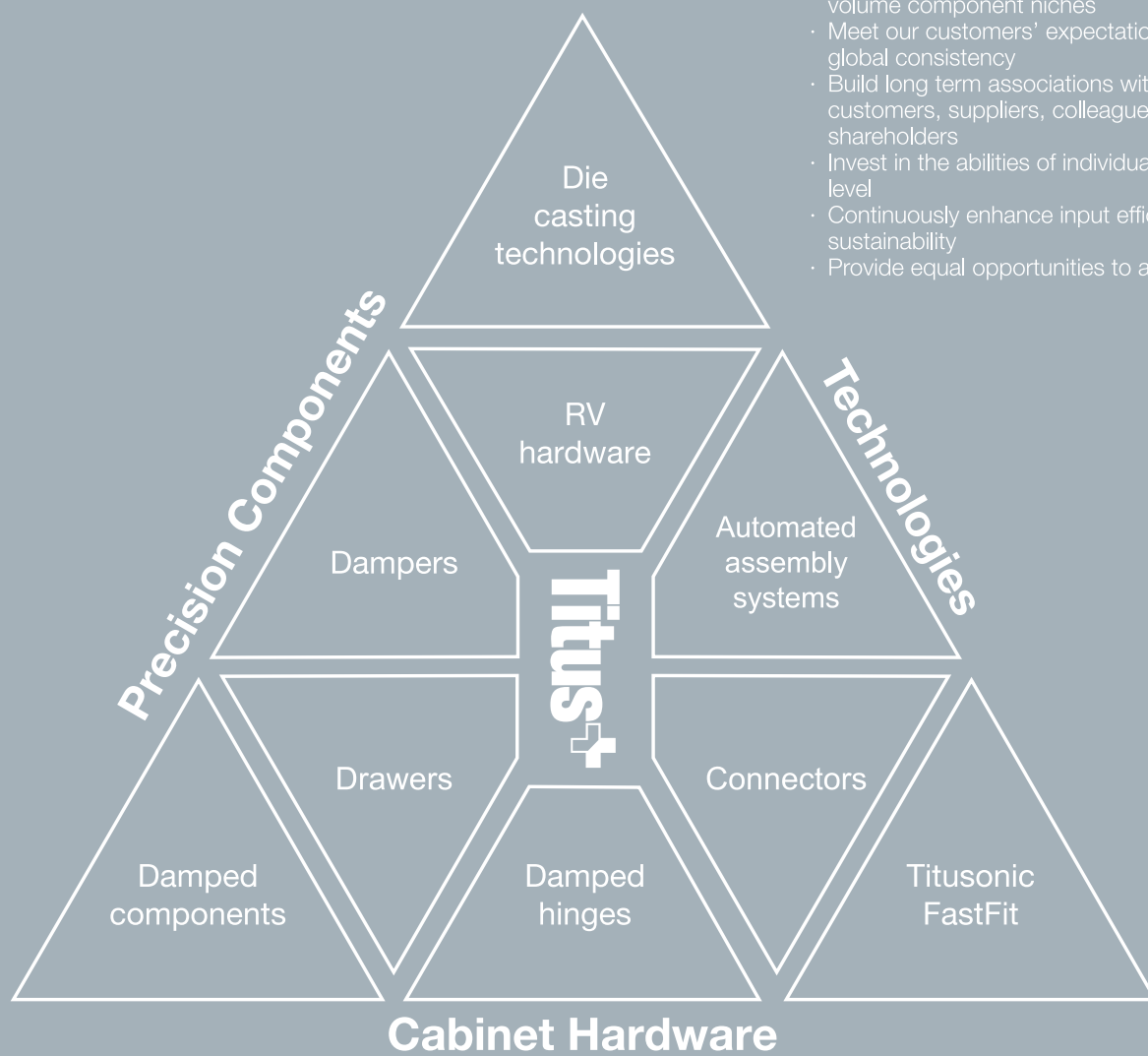
To be the world's best in engineering for precision components

Mission

To provide manufacturers with component solutions that improve their competitiveness

Titus Business Principles

- Gain total knowledge of our customers and their markets
- Focus on identifying and creating high volume component niches
- Meet our customers' expectations with global consistency
- Build long term associations with customers, suppliers, colleagues and shareholders
- Invest in the abilities of individuals at every level
- Continuously enhance input efficiency and sustainability
- Provide equal opportunities to all



Cabinet Hardware

- Cabinet connectors
- Concealed hinges
- Damping mechanisms
- Kitchen drawers and accessories
- RV hardware

Damping and Kinetics

Hydraulic dampers and Slidix mechanisms for custom applications in home equipment

Titus Technologies

- Automated assembly systems
- Die casting technologies
- Titusonic - Ultrasound fastening
- FastFit insertion technology

'Totally Integrated Engineering'

Product Design

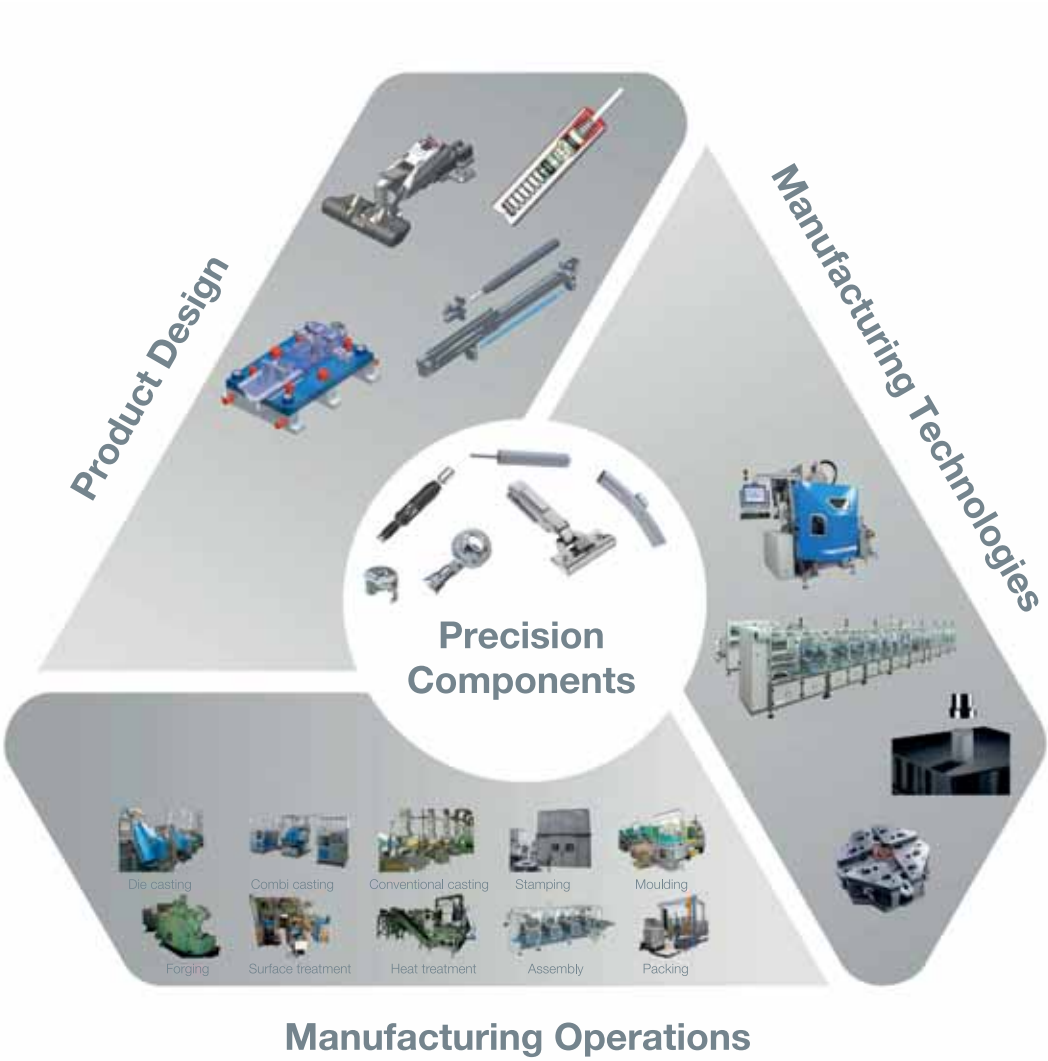
Design and engineering of unique components
Consistent and repeatable product quality

Manufacturing Technologies

To improve productivity and product quality

Manufacturing Operations

A wide array of technologies and services required for high volume production of precision components available in-house



Fittings for purpose

Unique product advantages for better value for money and lower 'total installed cost'

Innovations that improve

With less parts, less different parts, less preparation actions, faster assembly

Fast time-to-market

Continuous Improvement

The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

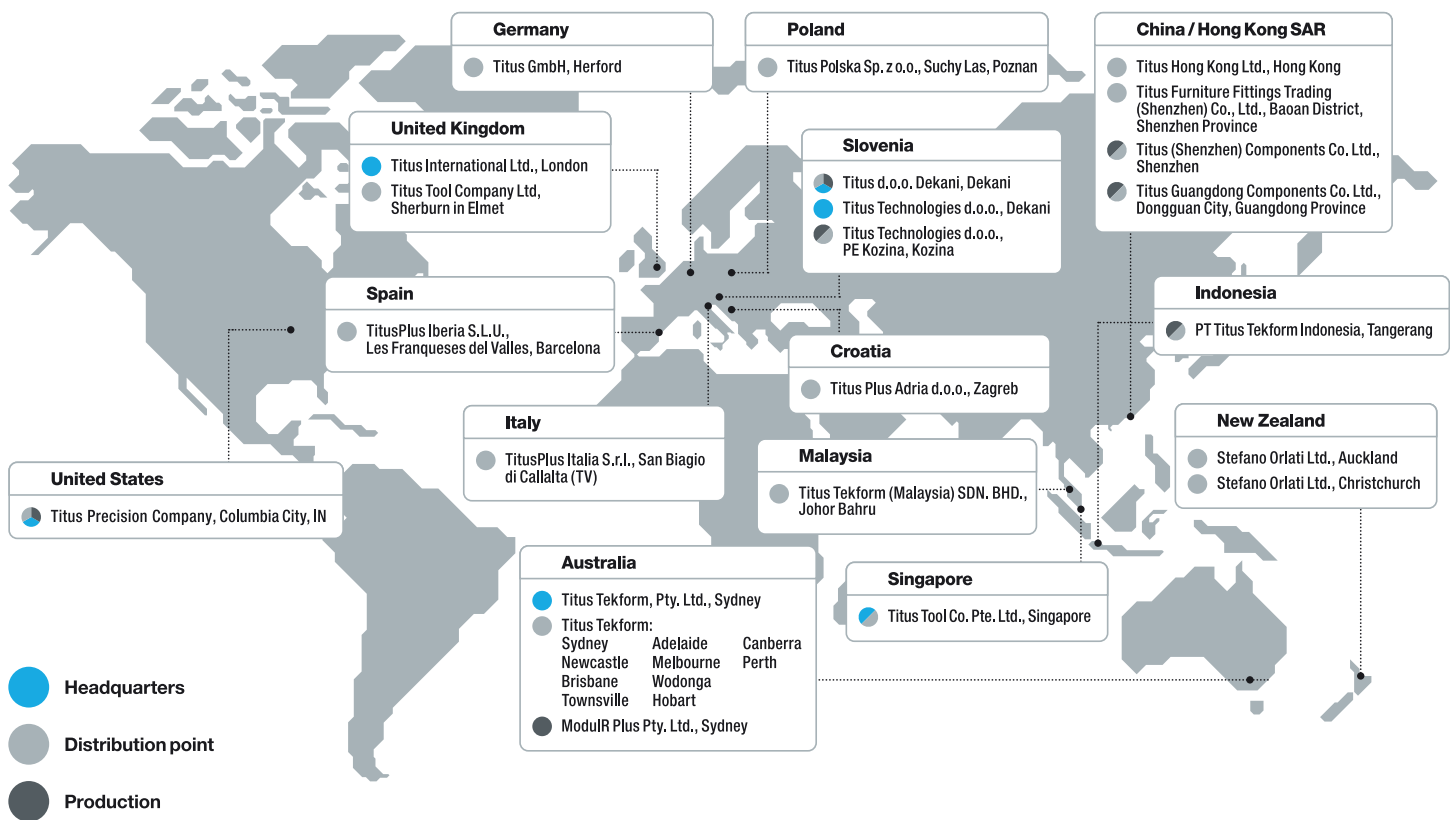
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes, internal relations and cooperation with partners.

Products

Our integrated quality system produces technically optimized products of high quality. They are assessed regularly in our own test labs as well as by internationally renowned institutions, such as LGA from Germany, CTBA from France, FIRA from United Kingdom, CATAS from Italy, AIDIMA from Spain, and others.



Worldwide Design, Manufacturing and Distribution Capabilities



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