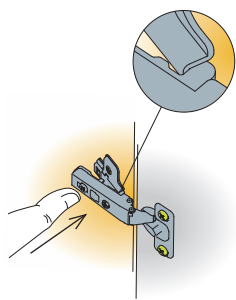
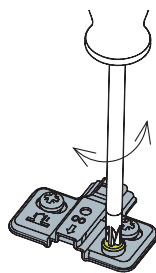


S-type Hinges



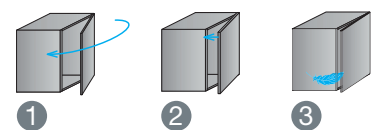
'Snap-on' mounting system

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



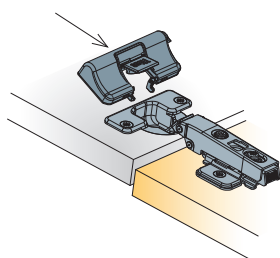
Easily accesible height adjustment with cam

- Intuitive and quick height adjustment
- Consumer friendly



'ConfidentClose'

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



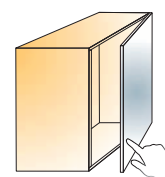
Soft closing options

- Hinge integrated
- Add-on with Glissando ready hinge cup
- Stand-alone



Adjustable damping

- Adjustable damping assures perfect functioning on every door

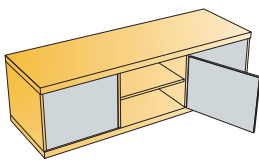
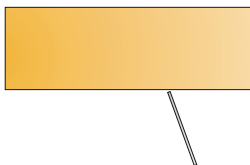
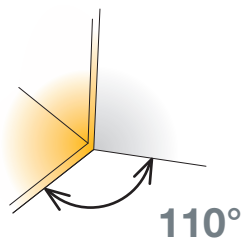


Touch opening

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

S-type-i Plus 110

For wood doors



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

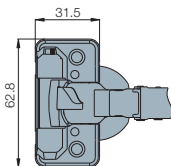
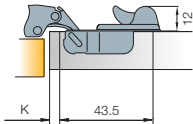
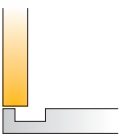
110°
35mm
min. 11mm
'snap-on'



Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	954-0228-050	954-0229-050

Cranking
0mm

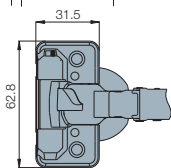
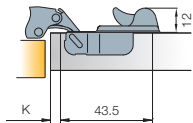
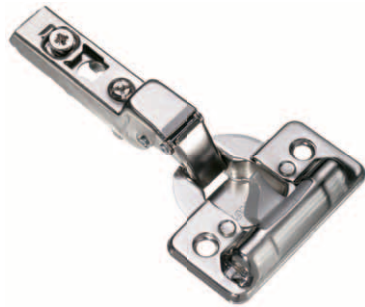
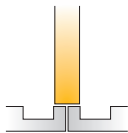


200 Pcs

Made of steel and plastic

Drilling patterns for hinge cups → see page 3.15

Cranking
9mm



200 Pcs

Made of steel and plastic

	954-0E16-050	954-0E17-050
--	--------------	--------------

Drilling patterns for hinge cups → see page 3.15

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting plates
→ see page 3.99



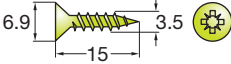
Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



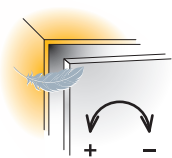
Cover caps for hinge arm
→ see page 3.151

Legend of hinge cup symbols

Screw-on
ready
← screws

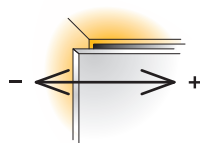


Damping adjustment

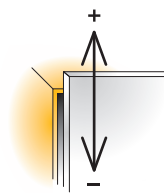


For further explanation → see page 3.25

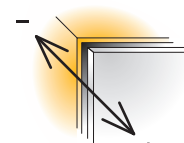
Door adjustment



Side
adjustment
+3/-1mm



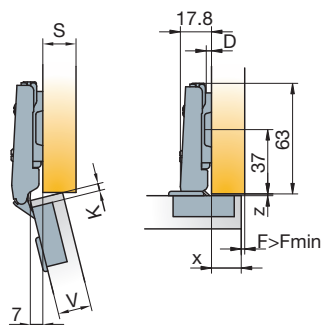
Height
adjustment
+2/-2mm



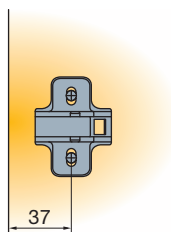
Depth
adjustment
+1.5/-1.5mm

For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 3.11

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

$D=13+K-x$

Drawings show application on D=0mm thick mounting plate

Mounting plate thickness table

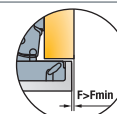
x	4	5	6	7	8	9	
3	3	2	1	0			
K 4		3	2	1	0		
5			3	2	1	0	D

$D=4+K-x$

Drawings show application on D=0mm thick mounting plate

Door clearance

For further explanation → see page 3.12

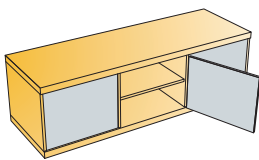
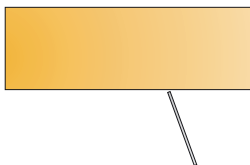
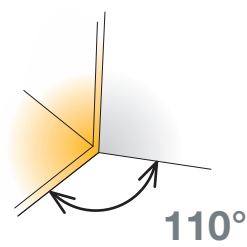


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type-i 110

For wood doors



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

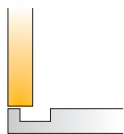
110°
35mm
min. 11mm
'snap-on'



Technical details

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

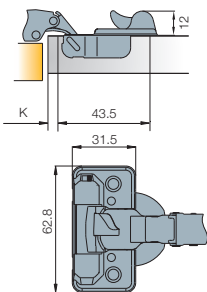
Cranking
0mm



200 Pcs



Made of steel and plastic



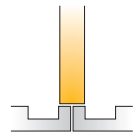
Drilling patterns for hinge cups → see page 3.15



954-0226-050

954-0227-050

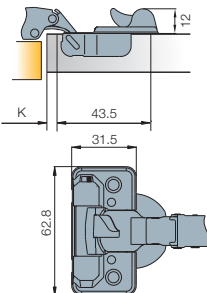
Cranking
9mm



200 Pcs



Made of steel and plastic



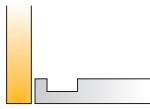
Drilling patterns for hinge cups → see page 3.15



954-0230-050

954-0U81-050

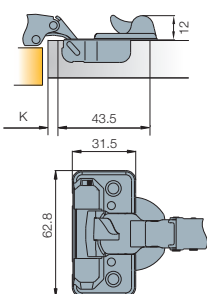
Cranking
15mm



200 Pcs



Made of steel and plastic



Drilling patterns for hinge cups → see page 3.15



954-0E05-050

954-0E13-050

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting plates
→ see page 3.99

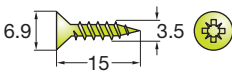


Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 3.151

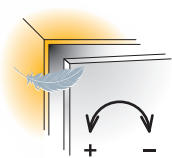
Legend of hinge cup symbols



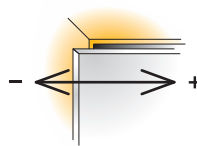
Screw-on
ready
← screws



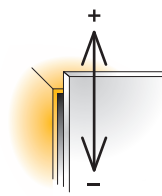
Damping adjustment



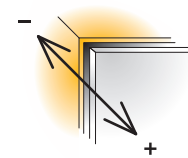
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

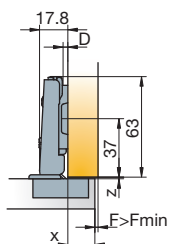
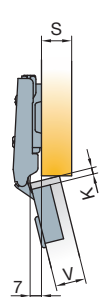


Depth
adjustment
+5/-1.5mm

For further explanation → see page 3.25

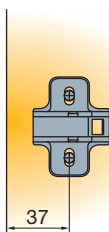
For further explanation → see pages 3.20-3.23

Mounting details



Drawings show application on
D=0mm thick mounting plate

Mounting plate drilling distance

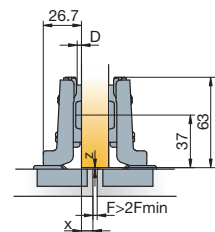
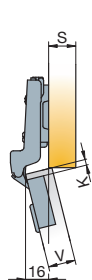


Mounting plate thickness table

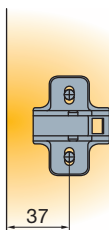
For further explanation → see page 3.11

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

$$D=13+K-x$$



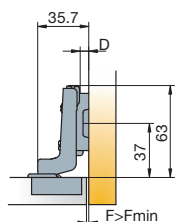
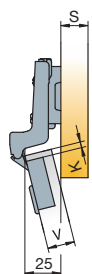
Drawings show application on
D=0mm thick mounting plate



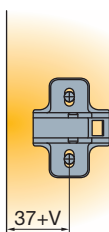
x	4	5	6	7	8	9
---	---	---	---	---	---	---

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

$$D=4+K-x$$



Drawings show application on
D=3mm thick mounting plate



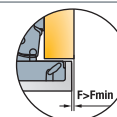
V	16	17	18	19	20	21
---	----	----	----	----	----	----

3	2	2	2	3	3	3
K 4	3	3	3			
5	3					

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

Door clearance

For further explanation → see page 3.12



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

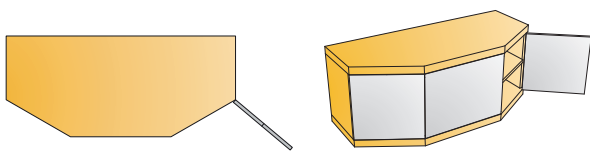
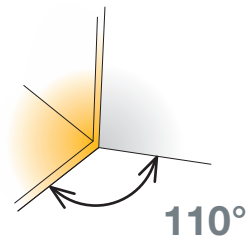
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type-i 110/30°

30° angled application for wood doors



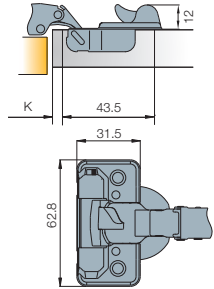
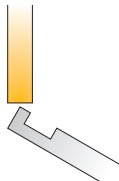
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
min. 11mm
'snap-on'



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type		
Item number	954-0E09-650	954-0164-650

Cranking
9mm



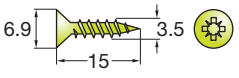
Drilling patterns for hinge cups → see page 3.15

100 Pcs Cup made of steel and plastic, arm made of zinc

Mounting plates

- Cam adjustable mounting plate
→ see page 3.97
- Steel mounting plates
→ see page 3.99
- Zinc diecast mounting plates
→ see page 3.99

Hinge cup screws
If not pre-mounted



820-6308-050
 10000 Pcs

Accessories

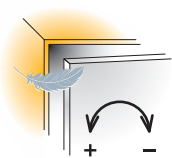


Cover caps for hinge arm
→ see page 3.151

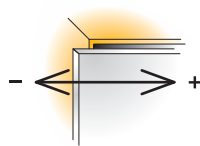
Legend of hinge cup symbols



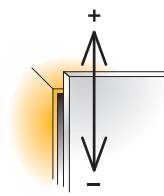
Damping adjustment



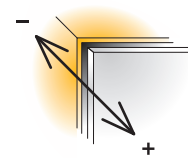
Door adjustment



Side
adjustment
+3/-1mm



Height
adjustment
+2/-2mm

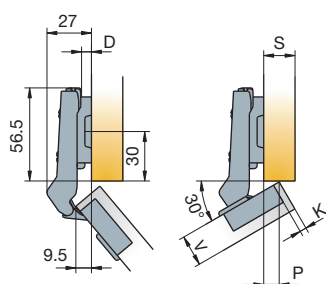


Depth
adjustment
+5/-1.5mm

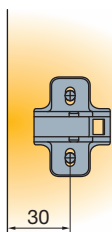
For further explanation → see page 3.25

For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance

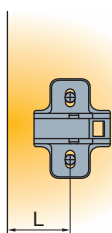
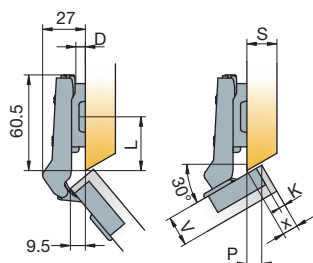


Mounting plate thickness table

For further explanation → see page 3.11

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 thick mounting plate



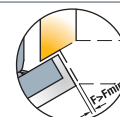
x	2	3	4	9	10	11	12	13	14	15
3	9			3	2			0		
K 4		9			3	2			0	
5			9			3	2			0
										D

Drawings show application on
D=3mm thick 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

Door clearance

For further explanation → see page 3.12

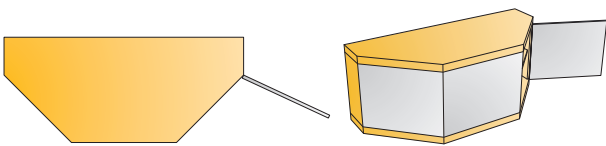
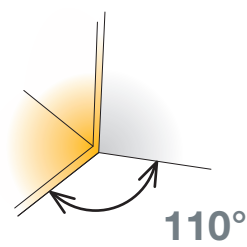


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
							F _{MIN}

Gap Z_{MIN}=0

S-type-i 110/45°

45° angled application for wood doors



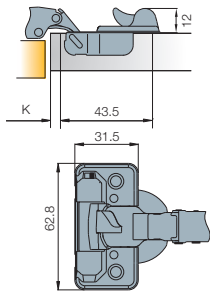
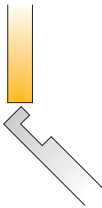
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
min. 11mm
'snap-on'



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type		
Item number	954-0E10-650	954-0165-650

Cranking
9mm



Drilling patterns for hinge cups → see page 3.15

100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



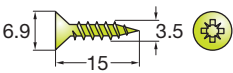
Steel mounting plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



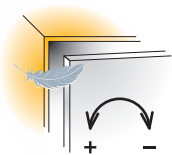
Cover caps for hinge arm
→ see page 3.151

Legend of hinge cup symbols

Screw-on
ready
← screws

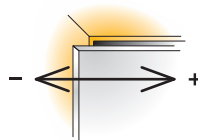


Damping adjustment

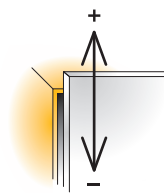


For further explanation → see page 3.25

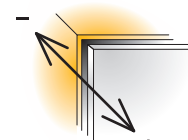
Door adjustment



Side
adjustment
+3/-1mm



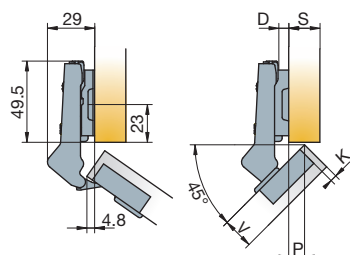
Height
adjustment
+2/-2mm



Depth
adjustment
+5/-1.5mm

For further explanation → see pages 3.20-3.23

Mounting details



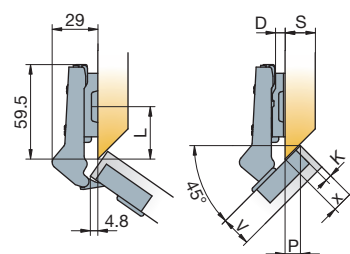
Drawings show application on
D=3mm thick mounting plate

Mounting plate drilling distance

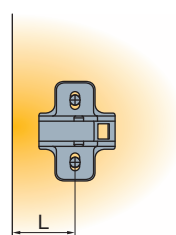
Mounting plate thickness table

For further explanation → see page 3.11

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 thick mounting plate

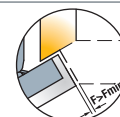


L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

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

Door clearance

For further explanation → see page 3.12

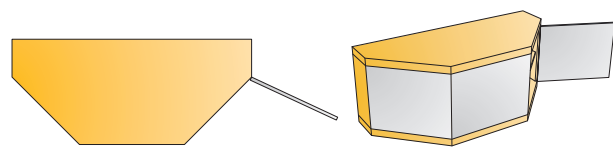
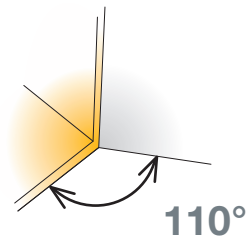


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

S-type-i 110/45°

45° angled application for wood doors



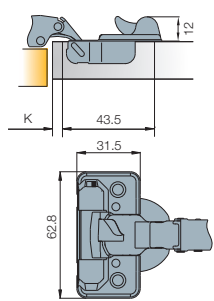
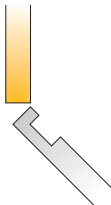
- Opening angle
 - Drilling diameter for hinge cup
 - Drilling depth
 - Hinge on plate mounting system
- 110°
35mm
min. 11mm
'snap-on'



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type		
Item number	954-0E11-650	954-0E14-650

Cranking
18mm



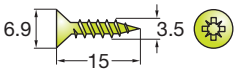
Drilling patterns for hinge cups → see page 3.15

100 Pcs Cup made of steel and plastic, arm made of zinc

Mounting plates

- Cam adjustable mounting plate
→ see page 3.97
- Steel mounting plates
→ see page 3.99
- Zinc diecast mounting plates
→ see page 3.99
- Face frame adapters
→ see page 3.101

Hinge cup screws
If not pre-mounted



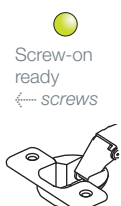
820-6308-050
 10000 Pcs

Accessories

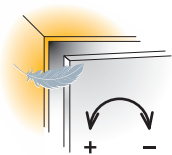


Cover caps for hinge arm
→ see page 3.151

Legend of hinge cup symbols

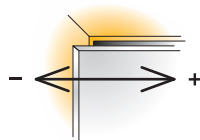


Damping adjustment

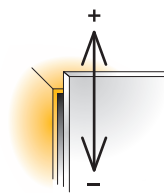


For further explanation → see page 3.25

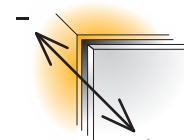
Door adjustment



Side
adjustment
+3/-1mm



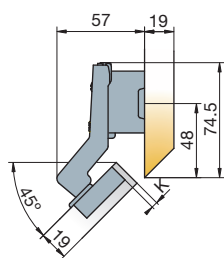
Height
adjustment
+2/-2mm



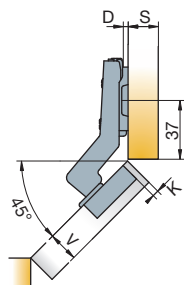
Depth
adjustment
+5/-1.5mm

For further explanation → see pages 3.20-3.23

Mounting
details

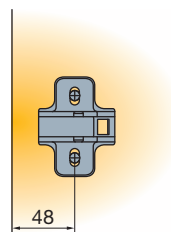


Drawings show application on
D=18mm thick mounting plate



Drawings show application on
D=0mm thick mounting plate

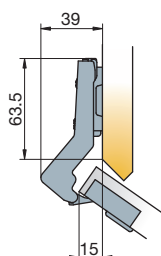
Mounting plate
drilling distance



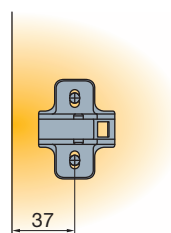
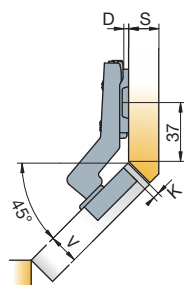
Mounting plate thickness table

For further explanation → see page 3.11

K	3	4	5
D	0	1	2

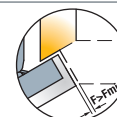


Drawings show application on
D=0mm thick mounting plate



Door clearance

For further explanation → see page 3.12

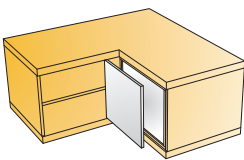
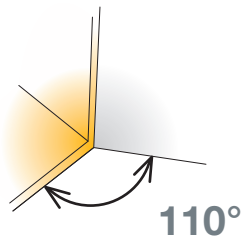


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap $Z_{MIN}=0$

S-type-i 110/90°

For wood door cabinets with blind panels



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

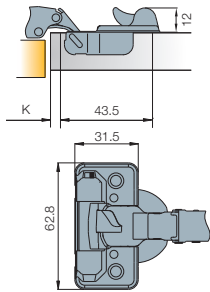
110°
35mm
min. 11mm
'snap-on'



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type		
Item number	954-0E12-650	954-0E15-650

Cranking
18mm



Drilling patterns for hinge cups → see page 3.15



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting plates
→ see page 3.99



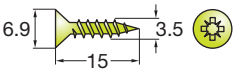
Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

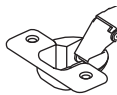
Accessories



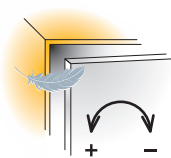
Cover caps for hinge arm
→ see page 3.151

Legend of hinge cup symbols

Screw-on
ready
← screws

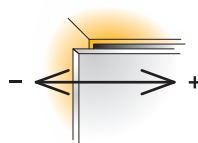


Damping adjustment

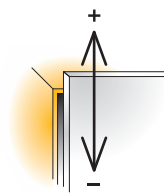


For further explanation → see page 3.25

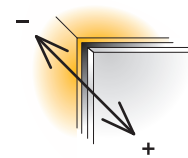
Door adjustment



Side
adjustment
+3/-1mm



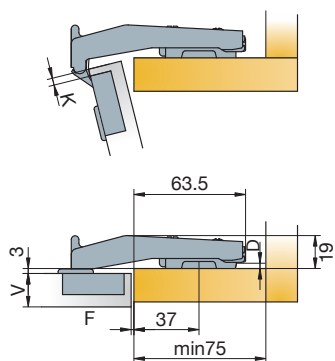
Height
adjustment
+2/-2mm



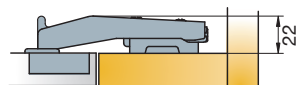
Depth
adjustment
+5/-1.5mm

For further explanation → see pages 3.20-3.23

Mounting details

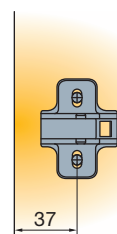


Drawings show application on
D=0mm thick mounting plate



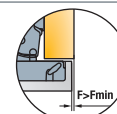
Drawings show application on
D=3mm thick mounting plate

Mounting plate drilling distance



Door clearance

For further explanation → see page 3.12

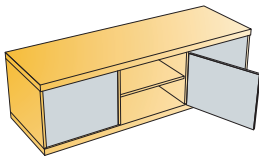
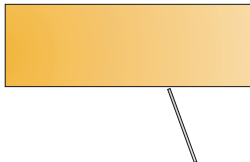
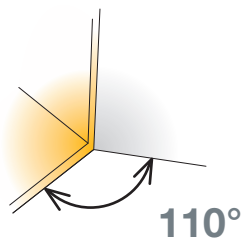


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type Plus 110

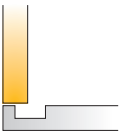
For wood doors



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



Cranking 0mm



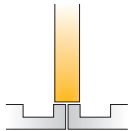
	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0T10-050	248-0T70-050	248-0T93-050
	248-0T13-050	248-0T71-050	248-0T94-050
	248-0T69-050	248-0T72-050	248-0T95-050

Drilling patterns for hinge cups → see page 3.15

200 Pcs

Made of steel

Cranking 9mm



	248-0V69-050	248-0V71-050	
	248-0V70-050	248-0V72-050	248-0274-050
	248-0V56-050		248-0377-050

Drilling patterns for hinge cups → see page 3.15

200 Pcs

Made of steel

Mounting plates



Cam adjustable mounting plate
→ see page 3.97



Steel mounting plates
→ see page 3.99



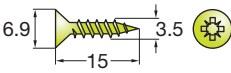
Zinc diecast mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 3.151



Push latch
→ see page 3.149

Legend of hinge cup symbols



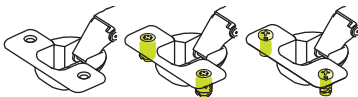
Screw-on ready
← screws



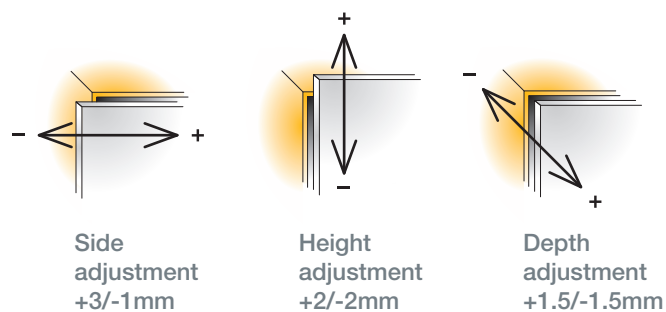
Machine insertion ready



Easy-fix system

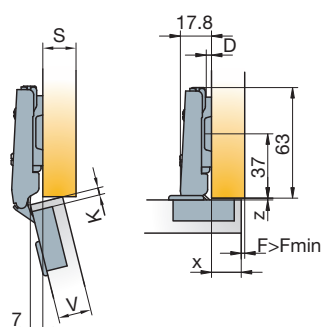


Door adjustment



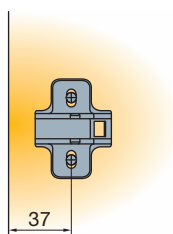
For further explanation → see pages 3.20-3.23

Mounting details



Drawings show application on
D=0mm thick mounting plate

Mounting plate drilling distance



Mounting plate thickness table

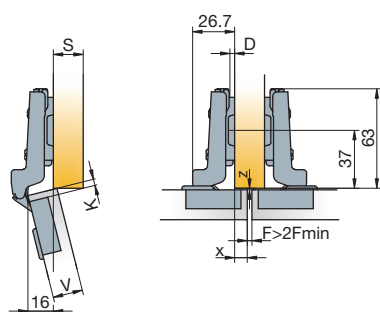
For further explanation → see page 3.11

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

$D=13+K-x$

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

$D=4+K-x$



Drawings show application on
D=0mm thick mounting plate

Soft closing systems



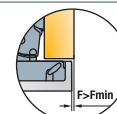
Glissando TL
→ see page 2.15



Glissando CR
→ see page 2.19

Door clearance

For further explanation → see page 3.12



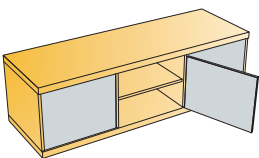
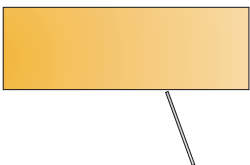
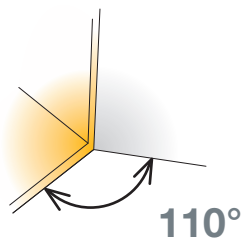
V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type Plus 110

Touch opening

For wood doors without handles



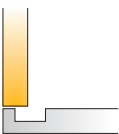
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
11.5mm
'snap-on'



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number

Cranking
0mm



200 Pcs

Made of steel

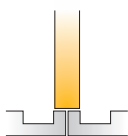


915-0Z85-050

915-0Z96-050

Drilling patterns for hinge cups → see page 3.15

Cranking
9mm



200 Pcs

Made of steel



915-0007-050

915-0032-050

915-0012-050

Drilling patterns for hinge cups → see page 3.15

Catches



Catch



Catch with base plate



Knock-in pad



Self adhesive pad

100 Pcs

Made of plastic

Catch

915-7016-380

Catch with base plate

915-7022-380

Knock-in pad

915-7109-050

Self adhesive pad

915-7105-050

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97

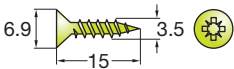


Steel mounting plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Legend of hinge cup symbols

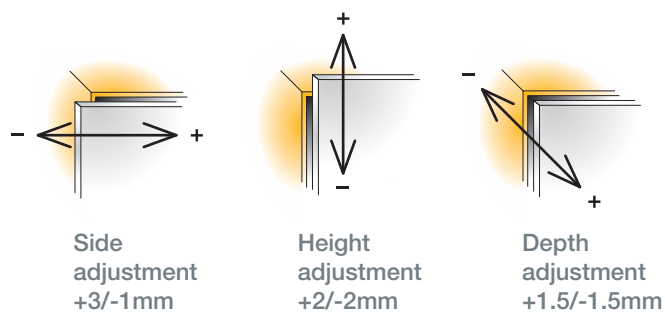


Screw-on
ready
← screws



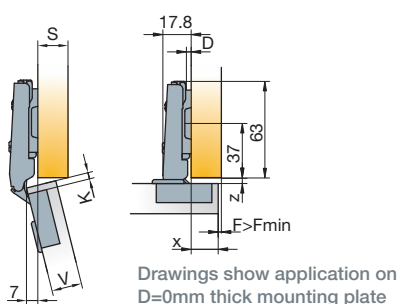
- Hinge integrated self-opening mechanism
- Effortless opening with just a light touch

Door adjustment

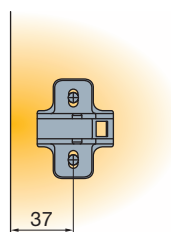


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



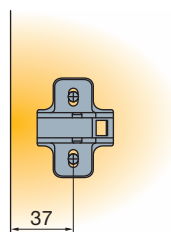
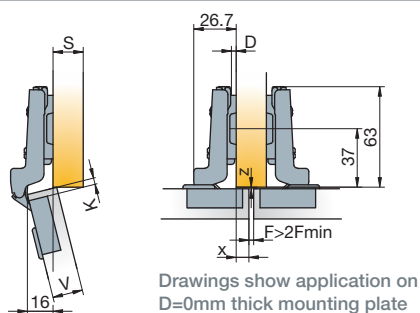
Mounting plate thickness table

For further explanation → see page 3.11

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

D

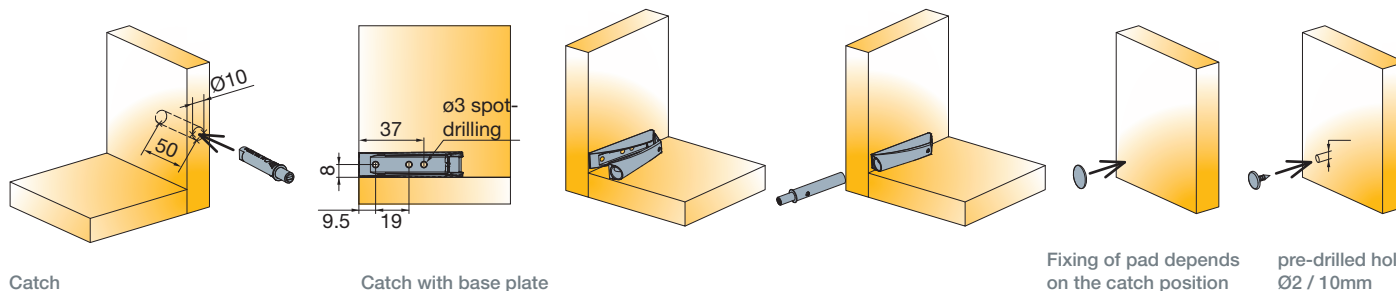
D=13+K-x



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

D

D=4+K-x

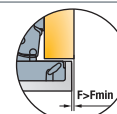


Accessories



Door clearance

For further explanation → see page 3.12



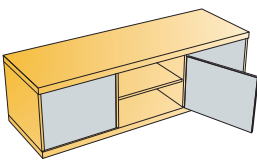
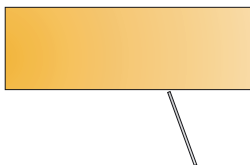
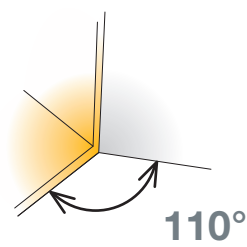
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type 110

For wood doors

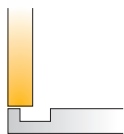


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system 'snap-on'



Cranking

0mm



200 Pcs

Made of steel

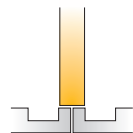


	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0535-050	248-0532-050	248-0538-050
	248-0171-050	248-0172-050	248-0400-050
	248-0186-050	248-0188-050	248-0366-050
	248-0197-050		

Drilling patterns for hinge cups → see page 3.15

Cranking

9mm



200 Pcs

Made of steel

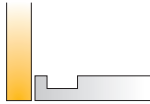


	248-0536-050	248-0533-050	248-0539-050
	248-0279-050	248-0327-050	248-0401-050
	248-0482-050	248-0545-050	248-0549-050

Drilling patterns for hinge cups → see page 3.15

Cranking

15mm



200 Pcs

Made of steel



	248-0537-050	248-0534-050	248-0540-050
	248-0280-050	248-0328-050	248-0402-050
	248-0487-050	248-0547-050	248-0551-050

Drilling patterns for hinge cups → see page 3.15

Mounting plates



Cam adjustable mounting plate
→ see page 3.97



Steel mounting plates
→ see page 3.99

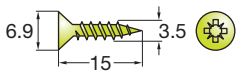


Zinc diecast mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws If not pre-mounted

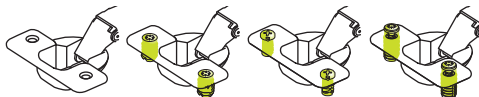


820-6308-050

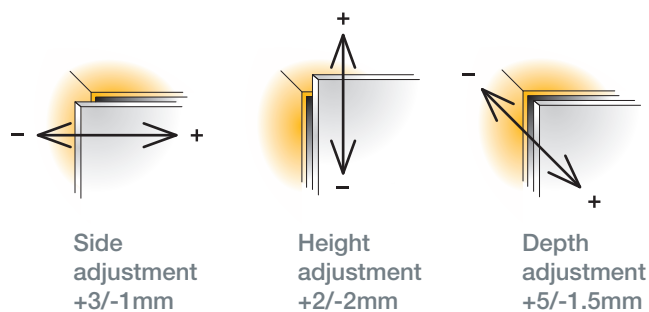
10000 Pcs

Legend of hinge cup symbols

- Screw-on ready
← screws
- Machine insertion ready
- Easy-fix system
- Preinserted expando dowels

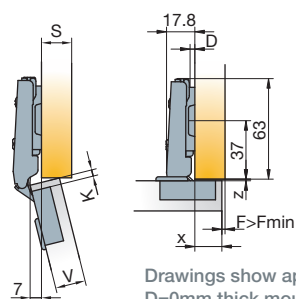


Door adjustment

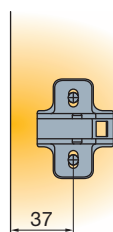


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



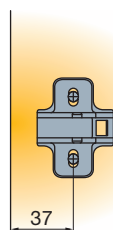
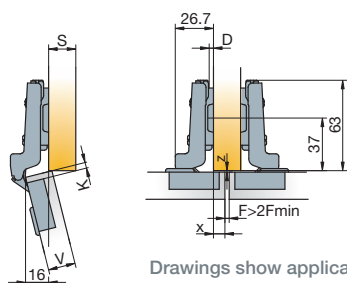
Mounting plate thickness table

For further explanation → see page 3.11

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

D

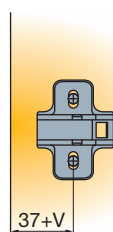
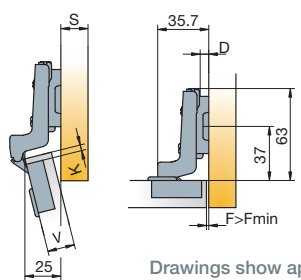
D=13+K-x



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

D

D=4+K-x



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

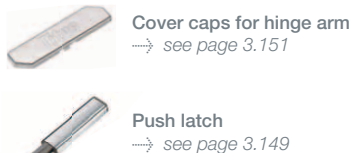
D

D=-2+K-F

Soft closing systems

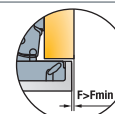


Accessories



Door clearance

For further explanation → see page 3.12



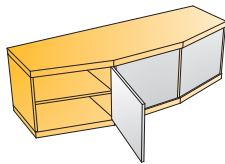
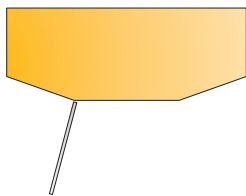
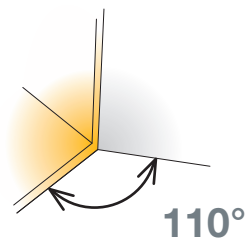
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type 110/-15°

-15° angled application for wood doors



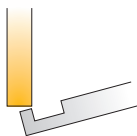
- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
11.5mm
'snap-on'



Cranking

0mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0V14-050	248-0V39-050	248-0V40-050
	248-0V41-050	248-0V42-050	248-0V43-050

Drilling patterns for hinge cups → see page 3.15

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97

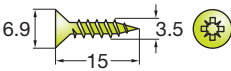


Steel mounting
plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

Hinge cup screws
If not pre-mounted

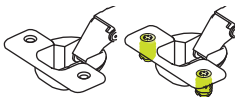


820-6308-050

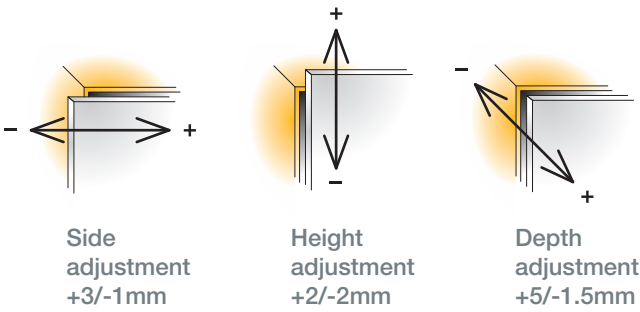
10000 Pcs

Legend of hinge cup symbols

Screw-on
ready
← screws

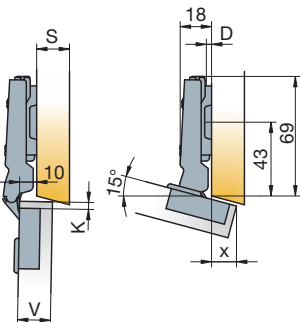


Door adjustment

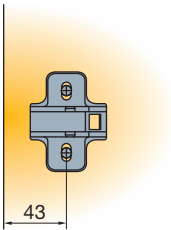


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



Mounting plate thickness table
For further explanation → see page 3.11

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 thick mounting plate

Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance
For further explanation → see page 3.12

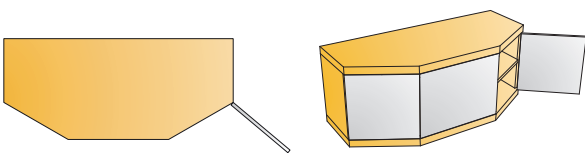


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type 110/15°

15° angled application for wood doors

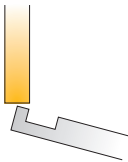


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system 'snap-on'



Cranking

9mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0080-050	248-0V62-050	248-0C66-050

Drilling patterns for hinge cups → see page 3.15

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97

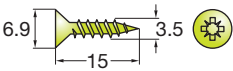


Steel mounting
plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

Hinge cup screws If not pre-mounted

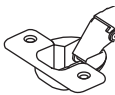


820-6308-050

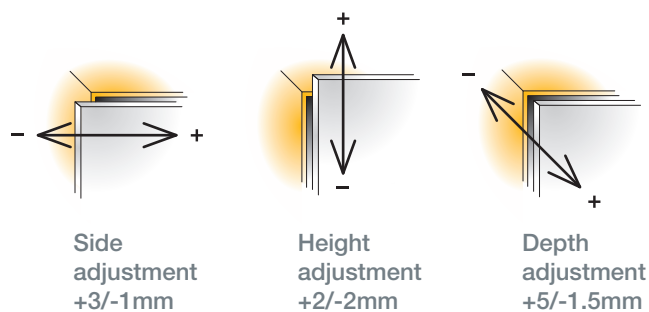
10000 Pcs

Legend of hinge cup symbols

Screw-on
ready
← screws



Door adjustment



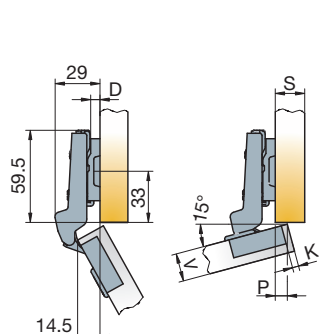
For further explanation → see pages 3.20-3.23

Mounting details

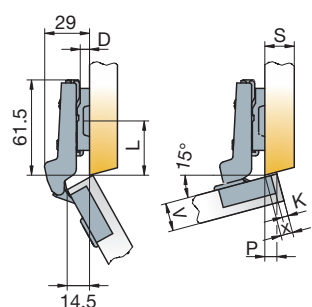
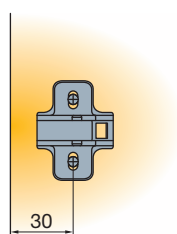
Mounting plate drilling distance

Mounting plate thickness table

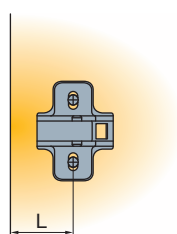
For further explanation → see page 3.11



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



Drawings show application on
D=0 and K=4mm thick 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

Soft closing systems



Glissando TL
→ see page 2.15

Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance

For further explanation → see page 3.12



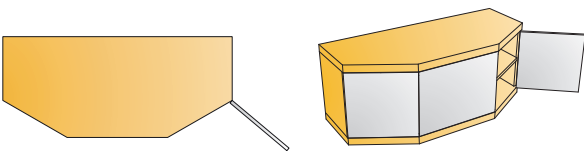
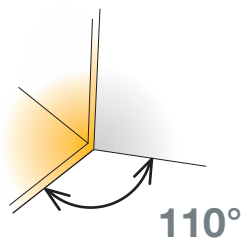
V 16 17 18 19 20 21 22

V	3	4	5	9	10	11	12	F _{MIN}
	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	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

S-type 110/24°

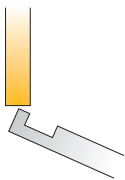
24° angled application for wood doors



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



Cranking
9mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0V18-050	248-0V45-050	248-0Z29-050
	248-0V47-050	248-0V48-050	248-0V49-050

Drilling patterns for hinge cups → see page 3.15

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97

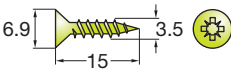


Steel mounting
plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

Hinge cup screws If not pre-mounted

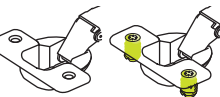


820-6308-050

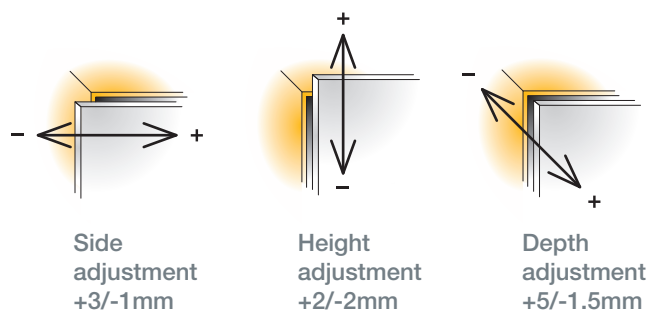
10000 Pcs

Legend of hinge cup symbols

Screw-on
ready
← screws

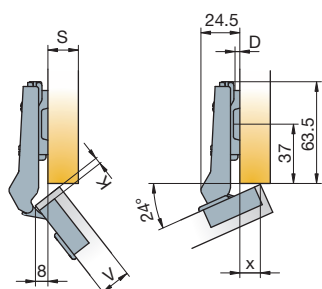


Door adjustment

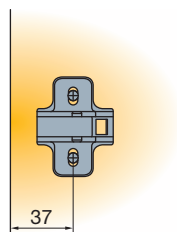


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 3.11

x	3	4	5	9	10	11	12	13	14
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 thick mounting plate

Soft closing systems

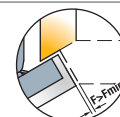


Accessories



Door clearance

For further explanation → see page 3.12

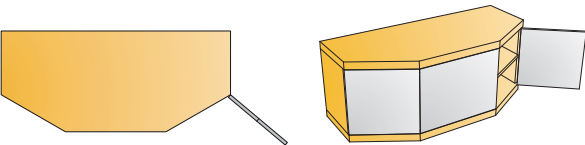
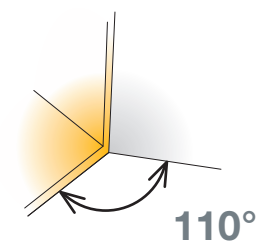


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
							F _{MIN}

Gap Z_{MIN}=0

S-type 110/30°

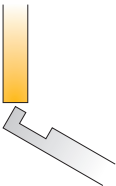
30° angled application for wood doors



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



Cranking
9mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0675-050	248-0665-050	248-0677-050
	248-0N12-050	248-0N13-050	248-0N14-050

Drilling patterns for hinge cups → see page 3.15

200 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97

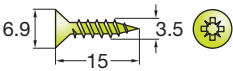


Steel mounting
plates
→ see page 3.99



Zinc diecast
mounting plates
→ see page 3.99

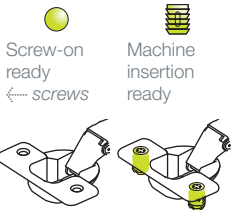
Hinge cup screws If not pre-mounted



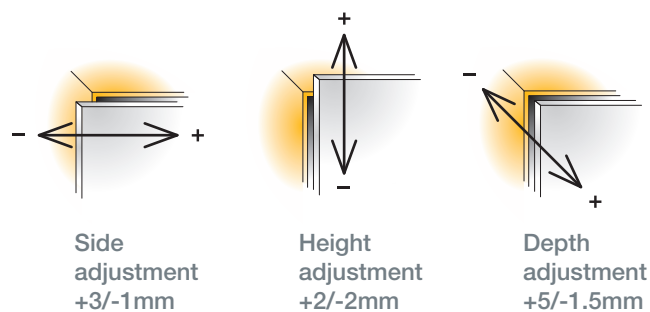
820-6308-050

10000 Pcs

Legend of hinge cup symbols

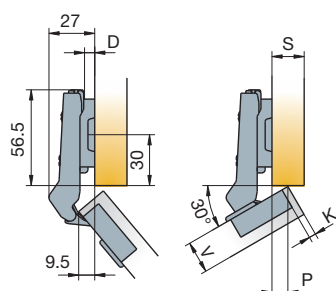


Door adjustment

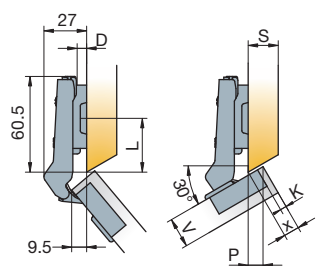


For further explanation → see pages 3.20-3.23

Mounting details

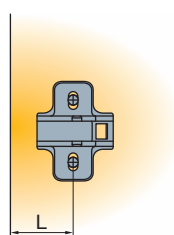
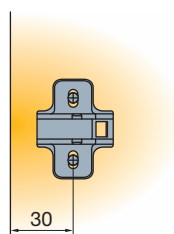


Drawings show application on
D=3mm thick mounting plate



Drawings show application on
D=3mm thick mounting plate

Mounting plate drilling distance



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

Mounting plate thickness table

For further explanation → see page 3.11

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

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 TL
→ see page 2.15

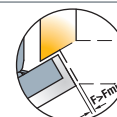
Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance

For further explanation → see page 3.12



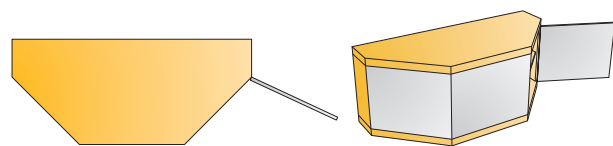
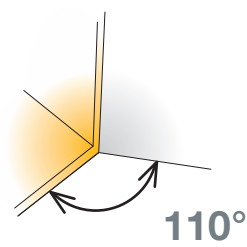
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type 110/45°

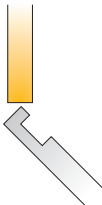
45° angled application for wood doors



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



Cranking
9mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0433-050	248-0431-050	248-0518-050
	248-0N16-050	248-0N17-050	248-0N18-050

Drilling patterns for hinge cups → see page 3.15

200 Pcs

Cup made of steel, arm made of zinc

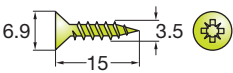
Mounting plates

Cam adjustable mounting plate
→ see page 3.97

Steel mounting plates
→ see page 3.99

Zinc diecast mounting plates
→ see page 3.99

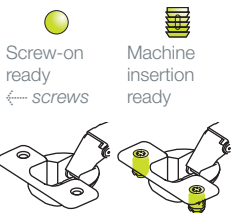
Hinge cup screws If not pre-mounted



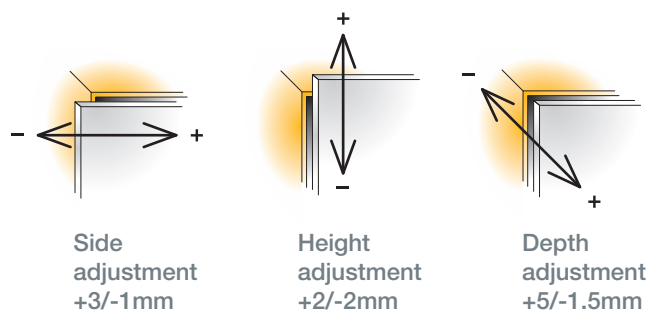
820-6308-050

10000 Pcs

Legend of hinge cup symbols

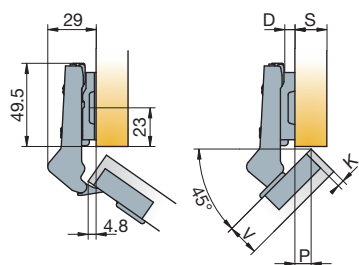


Door adjustment

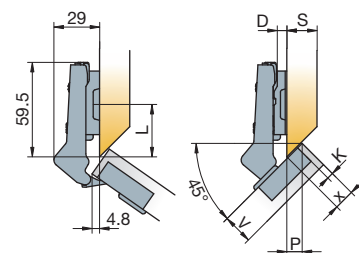


For further explanation → see pages 3.20-3.23

Mounting details



Drawings show application on
D=3mm thick mounting plate



Drawings show application on
D=3mm thick mounting plate

Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 3.11

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

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



Accessories



Door clearance

For further explanation → see page 3.12

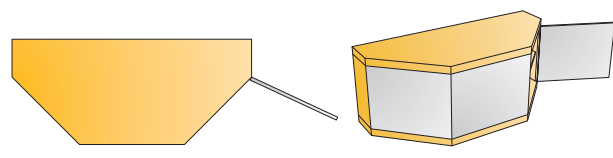
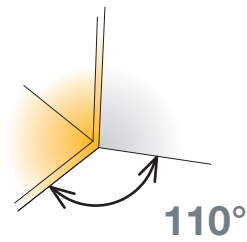


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

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'



Cranking
18mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0285-050	248-0283-050	248-0291-050
	248-0N20-050	248-0N21-050	248-0N22-050

Drilling patterns for hinge cups → see page 3.15

100 Pcs Cup made of steel, arm made of zinc

- Mounting plates
- Cam adjustable mounting plate → see page 3.97
 - Steel mounting plates → see page 3.99
 - Zinc diecast mounting plates → see page 3.99
 - Face frame adapters → see page 3.101

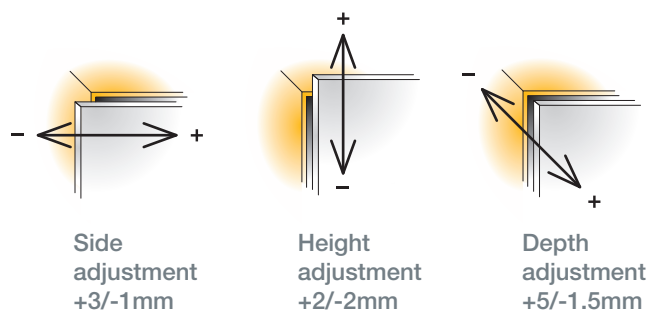
Hinge cup screws
If not pre-mounted

820-6308-050
 10000 Pcs

Legend of hinge cup symbols

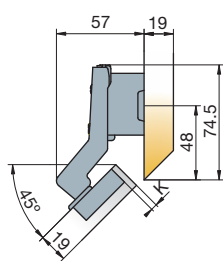
- Screw-on ready ← screws
- Machine insertion ready

Door adjustment

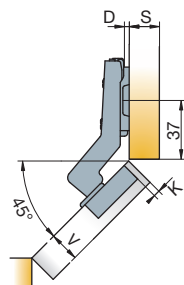


For further explanation → see pages 3.20-3.23

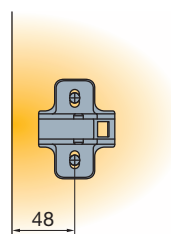
Mounting details



Drawings show application on
D=18mm thick mounting plate



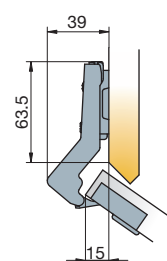
Drawings show application on
D=0mm thick mounting plate



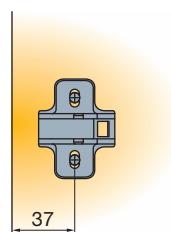
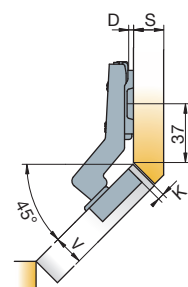
Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 3.11



Drawings show application on
D=0mm thick mounting plate



K	3	4	5
D	0	1	2

Soft closing systems



Glissando TL
→ see page 2.15

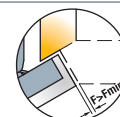
Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance

For further explanation → see page 3.12

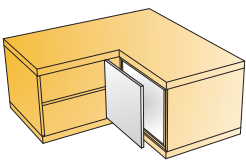
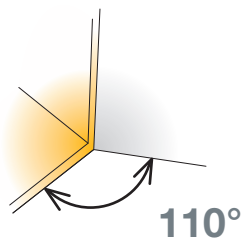


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type 110/90°

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'



Cranking
18mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0745-050	248-0742-050	248-0748-050
	248-0N24-050	248-0N25-050	248-0N26-050
	248-0L61-050	248-0N62-050	248-0Z81-050

Drilling patterns for hinge cups → see page 3.15

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting
plates
→ see page 3.99

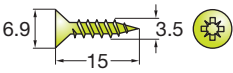


Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

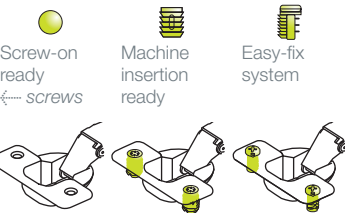
Hinge cup screws If not pre-mounted



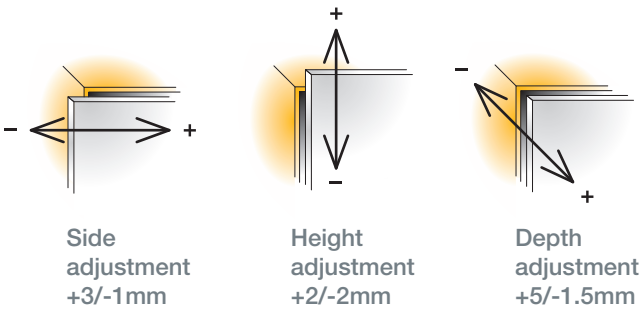
820-6308-050

10000 Pcs

Legend of hinge cup symbols



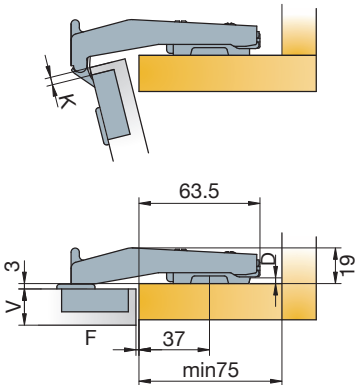
Door adjustment



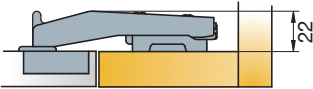
For further explanation → see pages 3.20-3.23

Mounting details

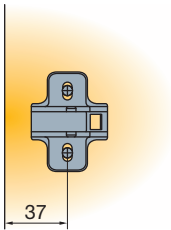
Mounting plate drilling distance



Drawings show application on D=0mm thick mounting plate



Drawings show application on D=3mm thick mounting plate



Soft closing systems



Glissando TL
→ see page 2.15

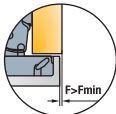
Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance

For further explanation → see page 3.12



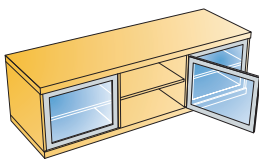
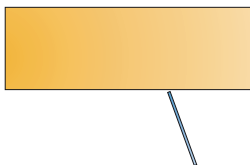
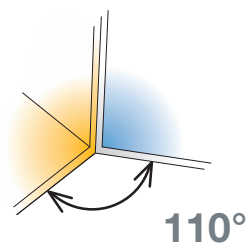
V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

F_{MIN}

Gap Z_{MIN}=0

S-type 110

For aluminium frame doors

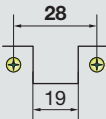


- Opening angle
- Hinge on plate mounting system

110°
'snap-on'



Interaxis
28mm



Cup type

Item
number



950-0T27-050

Cranking

0mm



200 Pcs

Cup made of zinc, arm made of steel

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting
plates
→ see page 3.99

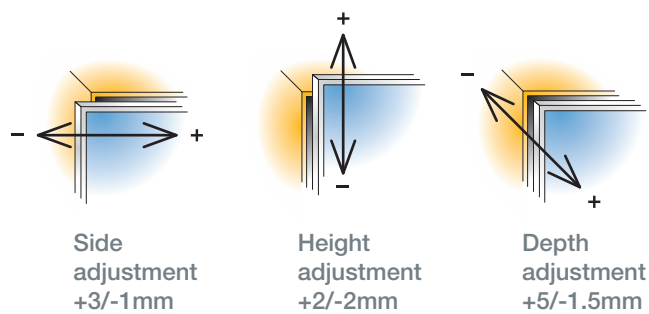


Zinc diecast
mounting plates
→ see page 3.99



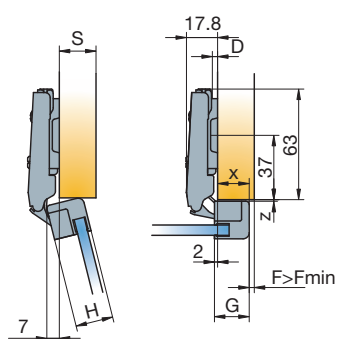
Face frame adapters
→ see page 3.101

Door adjustment

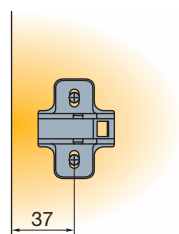


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance

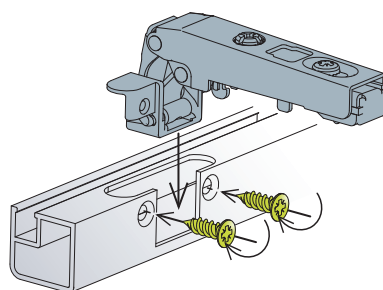
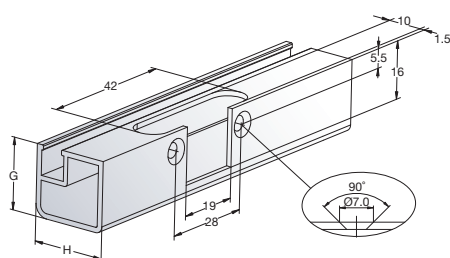


Mounting plate thickness table

For further explanation → see page 3.11

x	12	13	14	15	16	17	18
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 thick mounting plate



Drilling pattern for aluminium frame hinges

Screws included

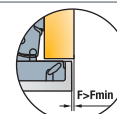
Accessories



Cover caps for hinge arm
→ see page 3.151

Door clearance

For further explanation → see page 3.12

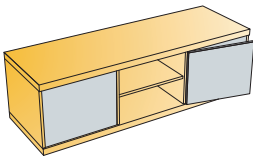
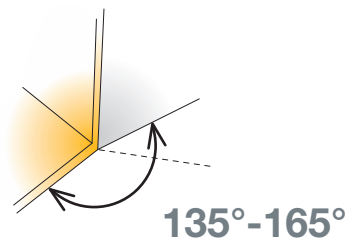


H	17	18	19	20	21	22
17	0.5	0.7	1.1	1.4	1.8	2.9
18	0.5	0.7	1.0	1.3	1.7	2.5
19	0.5	0.7	0.9	1.2	1.6	2.1
20	0.5	0.7	0.9	1.2	1.5	2.0
						F _{MIN}

Gap Z_{MIN}=0.5

S-type 170

For wood doors



- Opening angle 135°-165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 'snap-on'



Cranking
0mm



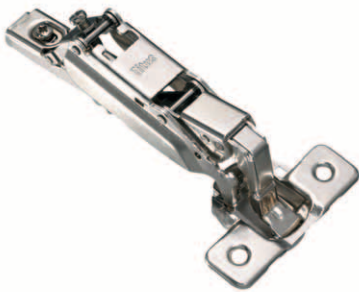
	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0R14-050	248-0R17-050	248-0R15-050
	248-0M73-050	248-0R13-050	248-0M74-050
	248-0198-050		

Drilling patterns for hinge cups → see page 3.15

50 Pcs

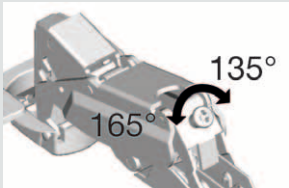
Made of steel and zinc

Cranking
0mm
With adjustable
opening angle



	248-0R18-050	*248-0V65-050	
		*248-0S69-050	

Drilling patterns for hinge cups → see page 3.15
* Available upon special request → see page 0.3



Adjustable opening
angle 135°

50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting
plates
→ see page 3.99



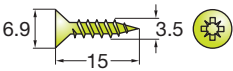
Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws

If not pre-mounted

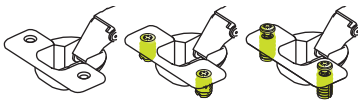


820-6308-050

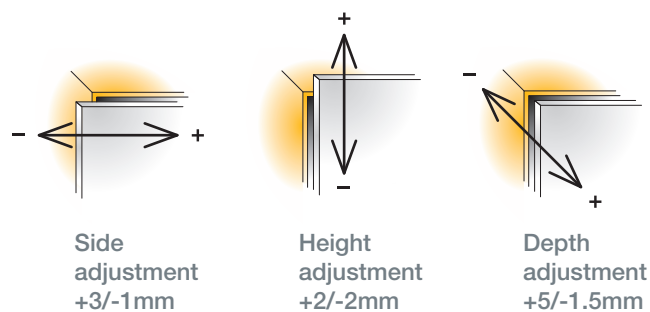
10000 Pcs

Legend of hinge cup symbols

- Screw-on ready
← screws
- Machine insertion ready
- Preinserted expando dowels



Door adjustment



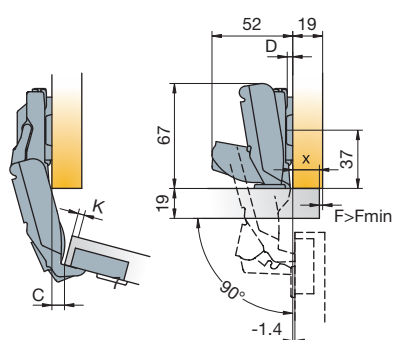
For further explanation → see pages 3.20-3.23

Mounting details

Mounting plate drilling distance

Mounting plate thickness table

For further explanation → see page 3.11



Drawings show application on D=0mm mounting plate

In 90° position the door is only 1.4mm distant from side panel

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
C	-9.0	-8.1	-7.1	-6.1	-5.2
					D

Soft closing systems



Glissando TL 170
→ see page 2.17



Glissando CR
→ see page 2.19

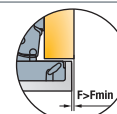
Accessories



Push latch
→ see page 3.149

Door clearance

For further explanation → see page 3.12

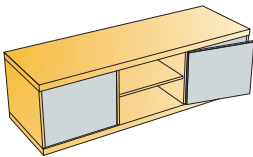
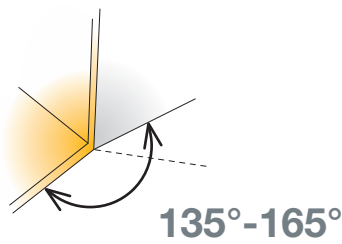


V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
K 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
									F _{MIN}

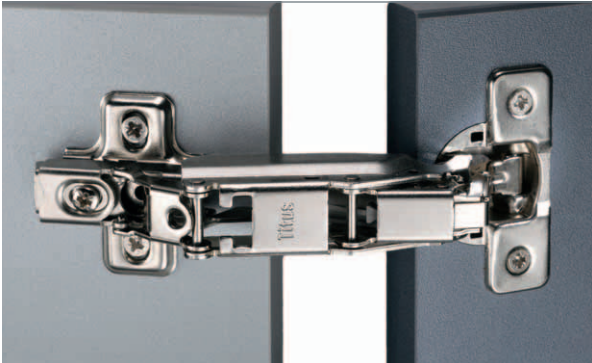
Gap Z_{MIN}=0.5

S-type 170

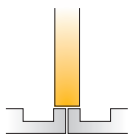
For wood doors



- Opening angle 135°-165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 'snap-on'

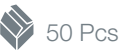


Cranking
9mm



	Interaxis 45mm	Interaxis 48mm	Interaxis 52mm
Cup type	Item number	Item number	Item number
	248-0162-050	248-0163-050	

Drilling patterns for hinge cups → see page 3.15



50 Pcs

Made of steel and zinc

Mounting plates



Cam adjustable
mounting plate
→ see page 3.97



Steel mounting
plates
→ see page 3.99



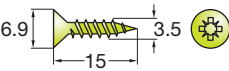
Zinc diecast
mounting plates
→ see page 3.99



Face frame adapters
→ see page 3.101

Hinge cup screws

If not pre-mounted

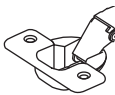


820-6308-050

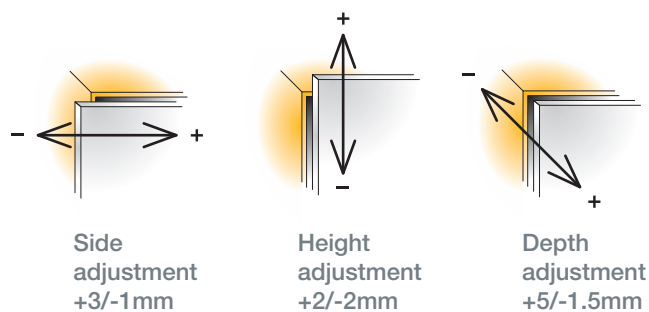
10000 Pcs

Legend of hinge cup symbols

Screw-on
ready
← screws

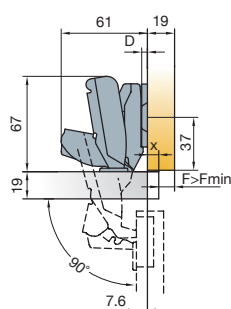
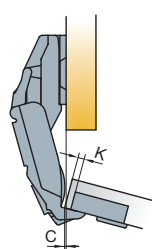


Door adjustment

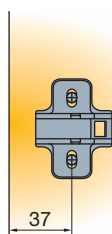


For further explanation → see pages 3.20-3.23

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

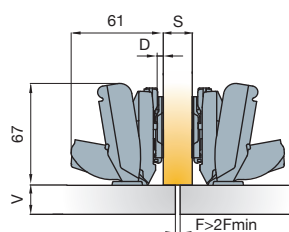
For further explanation → see page 3.11

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

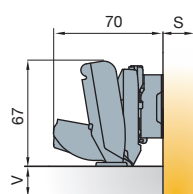
$$D=4+K-x$$

C value with D=0 mounting plates

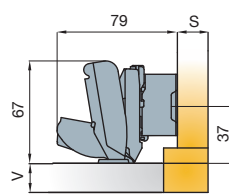
K	3	4	5	6	7
C	0	0.9	1.9	2.9	3.8



Drawings show application on D=0mm thick mounting plate



Drawings show application on D=9mm thick mounting plate



Drawings show application on D=18mm thick mounting plate

Soft closing systems



Glissando TL 170
→ see page 2.17



Glissando CR
→ see page 2.19

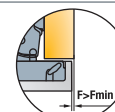
Accessories



Push latch
→ see page 3.149

Door clearance

For further explanation → see page 3.12



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