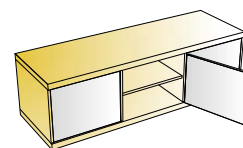
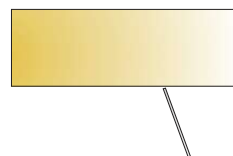
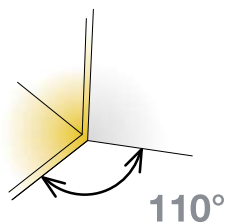


S-type-i3 110

For wood doors



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

110°
35mm
min. 11mm
snap-on

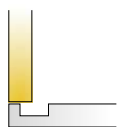


Technical details

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

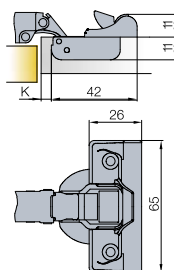
Cranking

0mm



200 Pcs

Made of steel and plastic

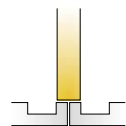


	242-0970-054	242-0971-054
--	--------------	--------------

Drilling patterns for hinge cups → see page 2.17

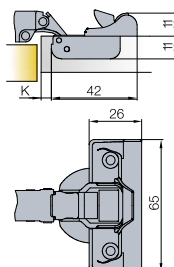
Cranking

9mm



200 Pcs

Made of steel and plastic

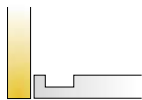


	242-0976-054	242-0977-054
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Drilling patterns for hinge cups → see page 2.17

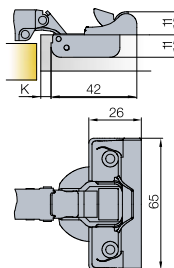
Cranking

15mm



200 Pcs

Made of steel and plastic



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

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.127

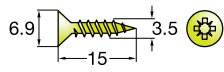


Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



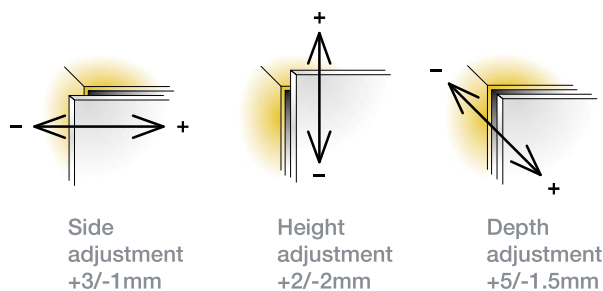
Hinge angle restrictor
→ see page 2.175

Legend of hinge cup symbols

Screw-on ready
← screws

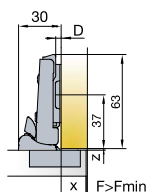
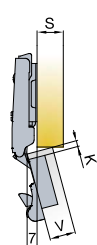


Door adjustment

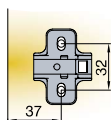


For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate



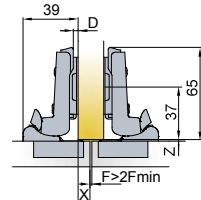
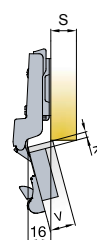
Mounting plate drilling distance

Mounting plate thickness table

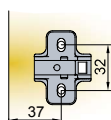
For further explanation → see page 2.13

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

$$D=13+K-X$$

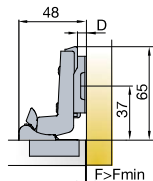
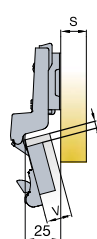


Drawings show application on
D=0mm mounting plate

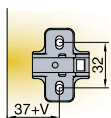


X	4	5	6	7	8	9	
3	3	2	1	0			
K 4		3	2	1	0		
5			3	2	1	0	D

$$D=4+K-X$$



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

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

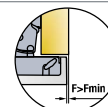
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

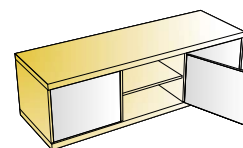
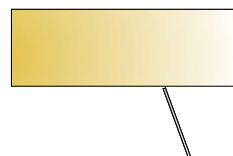
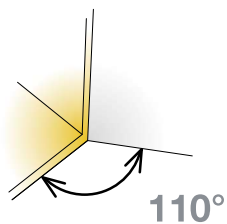


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

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



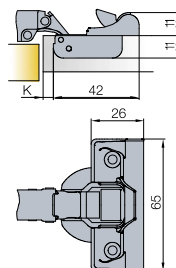
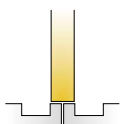
Technical details

	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



200 Pcs

Made of steel and plastic

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.127



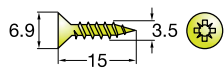
Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177

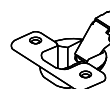


Hinge angle restrictor
→ see page 2.175

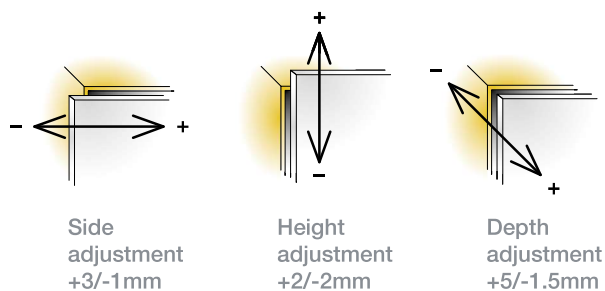
Legend of hinge cup symbols



Screw-on
ready
← screws

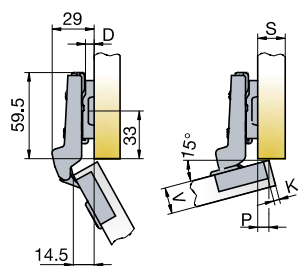


Door adjustment



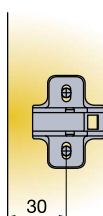
For further explanation → see pages 2.22-2.24

Mounting details



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

Mounting plate drilling distance



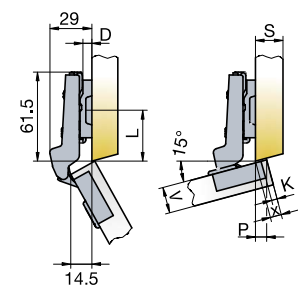
Mounting plate thickness table

For further explanation → see page 2.13

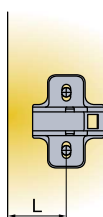
X	4	5	6	7	8	9	
3	3	2	1	0			
K 4		3	2	1	0		
5			3	2	1	0	D

$$D=4+K-X$$

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

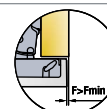
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

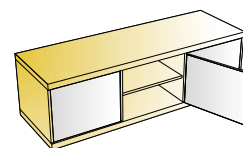
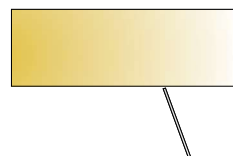
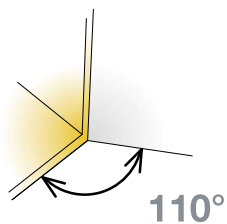


V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

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

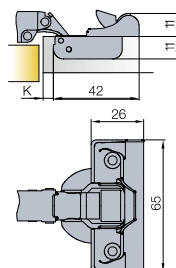
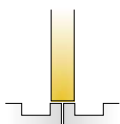


Technical details

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

Cranking

9mm



242-0W48-650

Drilling patterns for hinge cups → see page 2.17

200 Pcs

Made of steel and plastic

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.127



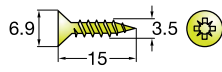
Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



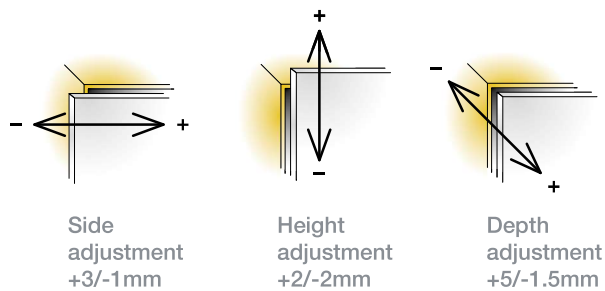
Hinge angle restrictor
→ see page 2.175

Legend of hinge cup symbols

Screw-on ready
← screws

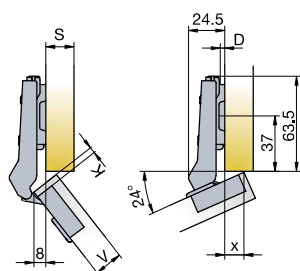


Door adjustment

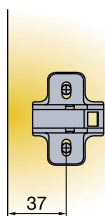


For further explanation → see pages 2.22-2.24

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

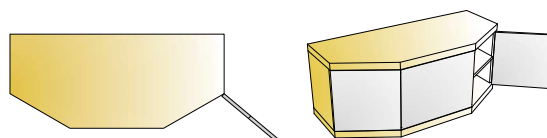
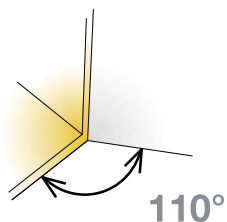


V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0
								F _{MIN}

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

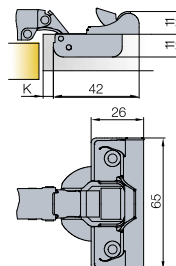
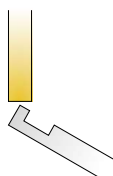


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	242-0885-650	242-0886-650

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



Cam adjustable cruciform mounting plate
→ see page 2.127

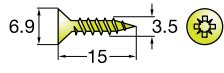


Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



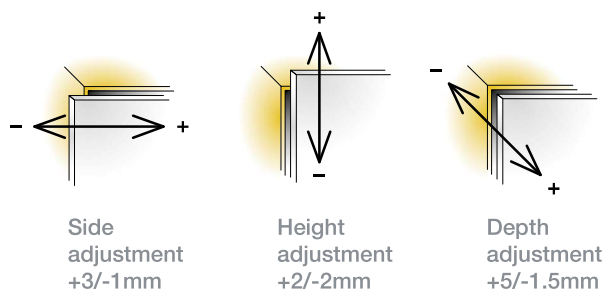
Hinge angle restrictor
→ see page 2.175

Legend of hinge cup symbols

Screw-on ready
← screws

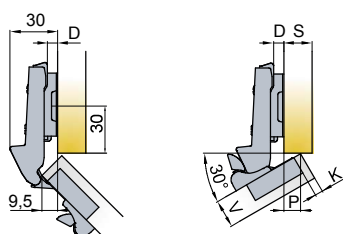


Door adjustment

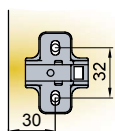


For further explanation → see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

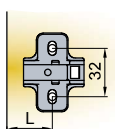
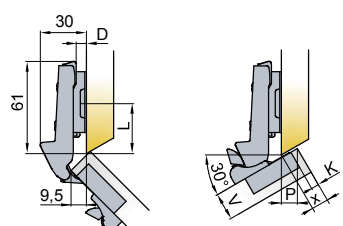


Mounting plate thickness table

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

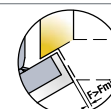
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

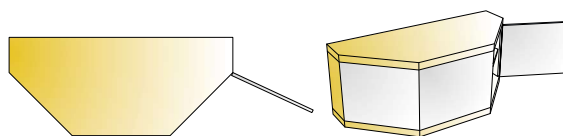
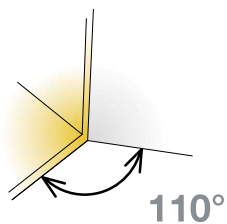


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

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

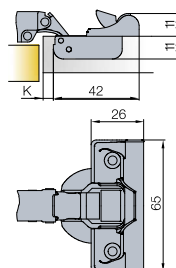
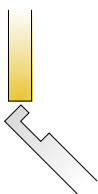


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	242-0P81-650	242-0824-650

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



Cam adjustable cruciform mounting plate
→ see page 2.127

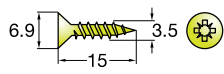


Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



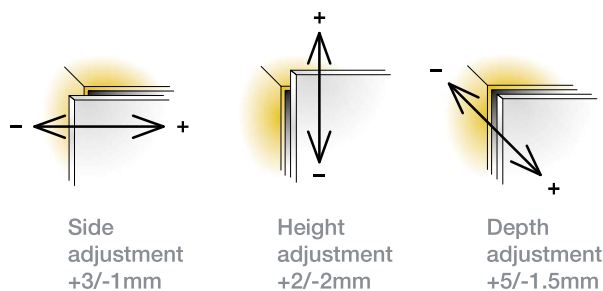
Hinge angle restrictor
→ see page 2.175

Legend of hinge cup symbols

Screw-on ready
← screws



Door adjustment

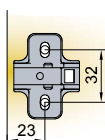
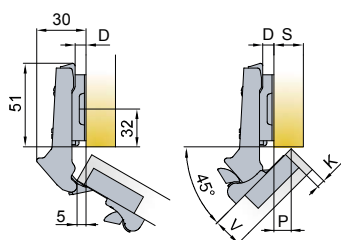


For further explanation → see pages 2.22-2.24

Mounting details

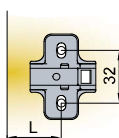
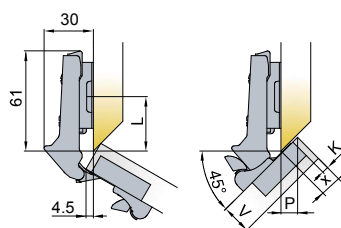
Mounting plate drilling distance

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

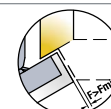
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

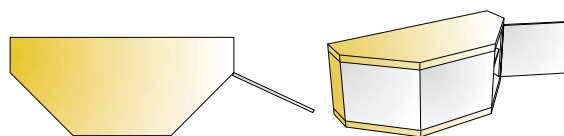
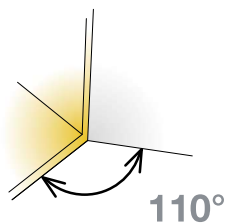


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

S-type-i3 110/45°

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

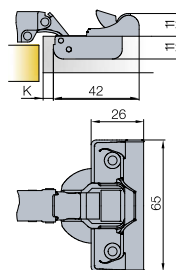
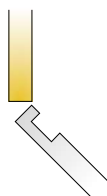


242-0G76-650

242-0H17-650

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.127



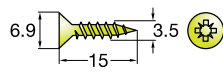
Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



Hinge angle restrictor
→ see page 2.175

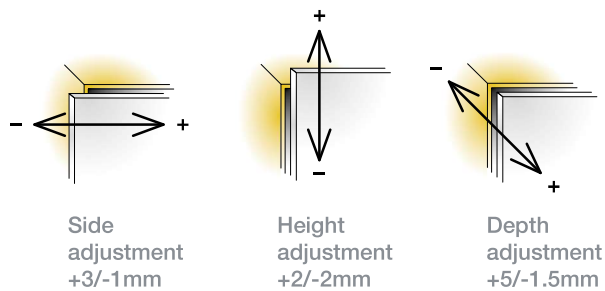
Legend of hinge cup symbols



Screw-on ready
← screws



Door adjustment



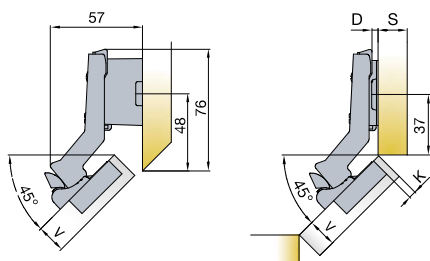
For further explanation → see pages 2.22-2.24

Mounting details

Mounting plate drilling distance

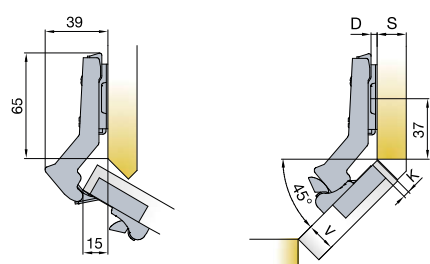
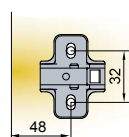
Mounting plate thickness table

For further explanation → see page 2.13



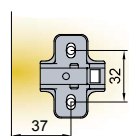
Drawing shows application on D=18mm mounting plate

Drawing shows application on D=0mm mounting plate



Drawings show application on D=0mm mounting plate

K	3	4	5
D	0	1	2



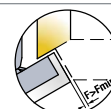
Touch opening



PushOpen Solutions
→ see pages 2.199-2.204

Door clearance

For further explanation → see page 2.14

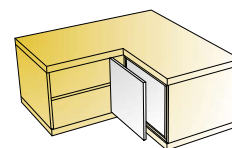
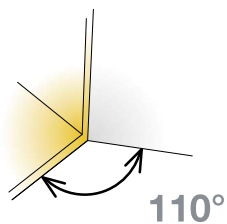


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0

Gap Z_{MIN}=0

S-type-i3 110/90°

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

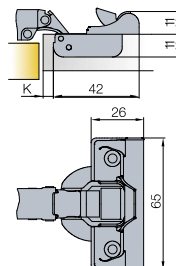


Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	242-0Y45-650	242-0Y46-650

Drilling patterns for hinge cups → see page 2.17

Cranking
18mm



100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 2.127

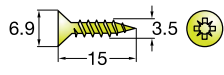


Cruciform mounting plate
→ see page 2.129



Face frame adapter
→ see page 2.131

Hinge cup screws If not pre-mounted



820-6308-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 2.177



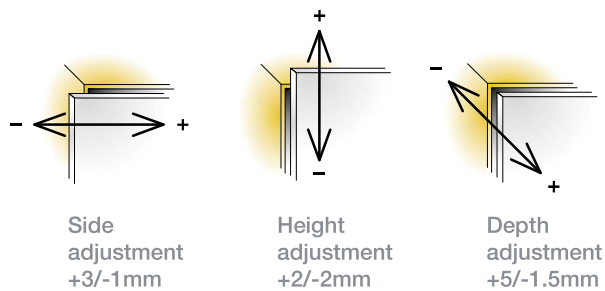
Hinge angle restrictor
→ see page 2.175

Legend of hinge cup symbols

Screw-on ready
← screws

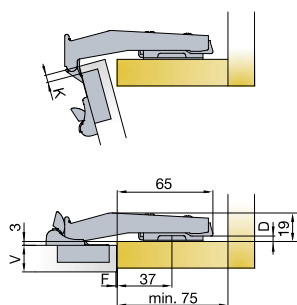


Door adjustment



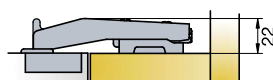
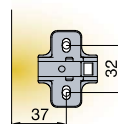
For further explanation → see pages 2.22-2.24

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance



Drawing shows application on
D=3mm mounting plate

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