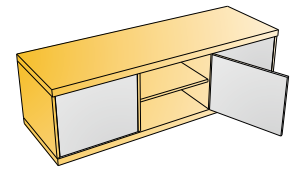
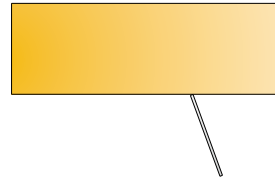
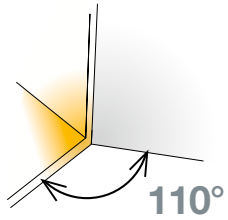


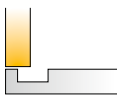
ST plus 110

For wooden doors



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

Cranking
0mm



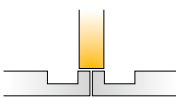
200 Pcs

Made of steel

	248.0T10.050	248.0T70.050
	248.0T13.050	248.0T71.050
	248.0T69.050	248.0T72.050

Drilling patterns for hinge cups → see page 3.10

Cranking
9mm



200 Pcs

Made of steel

	248.0V69.050	248.0V71.050
	248.0V70.050	248.0V72.050
	248.0V56.050	

Drilling patterns for hinge cups → see page 3.10

Mounting plates



Steel mounting plates
→ see page 3.73



Zinc diecast mounting plates
→ see page 3.73

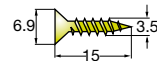


Steel mounting plates with cam adjustable height
→ see page 3.73



Face frame adapters
→ see page 3.75

Hinge cup screws If not pre-mounted



820.6308.050

10000 Pcs



Legend of hinge cup symbols



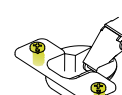
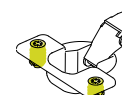
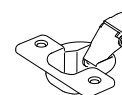
Screw-on ready
← screws



Machine insertion ready

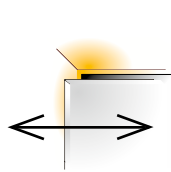


Easy-fix system

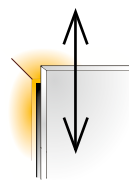


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system ST

110°
35mm
11.5mm
ST



Side adjustment
+3/-1mm



Height adjustment
+2/-2mm



Depth adjustment
+1.5/-1.5mm

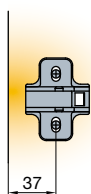
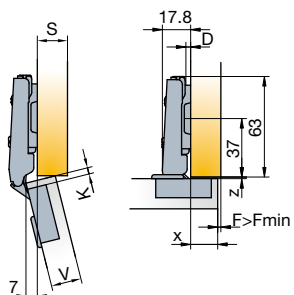
- Quick, comfortable and precise depth adjustment

For further explanation → see pages 3.14 - 3.16

Mounting details

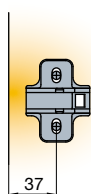
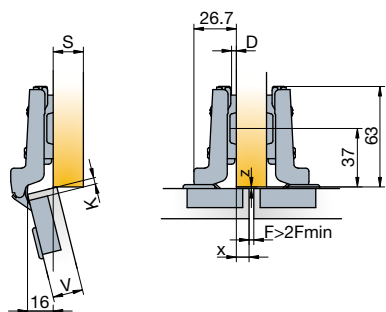
Mounting plate drilling distance

Mounting plate thickness table
For further explanation → see page 3.7



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

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

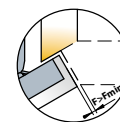
Drawings show application on D=0mm thick mounting plate

Soft closing systems

Accessories

Door clearance

For further explanation → see page 3.7



Glissando TL
→ see page 2.11

Cover caps for hinge arm
→ see page 3.137

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}

Glissando CR
→ see page 2.15

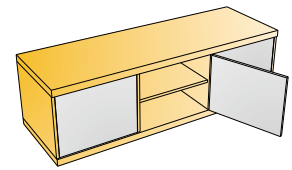
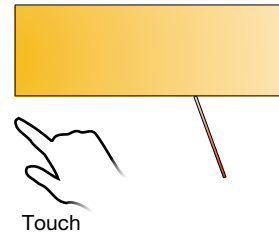
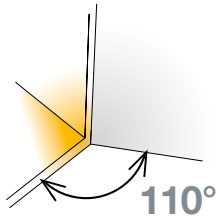
Push latch
→ see page 3.139

Gap Z_{MIN}=0

ST plus 110

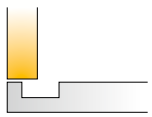
Touch opening

For wooden doors without handles



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

Cranking 0mm



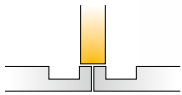
200 Pcs

Made of steel

	915.0Z85.050	915.0Z96.050	
--	--------------	--------------	--

Drilling patterns for hinge cups → see page 3.10

Cranking 9mm



200 Pcs

Made of steel

	915.0007.050		
--	--------------	--	--

Drilling patterns for hinge cups → see page 3.10

Catches



100 Pcs

Made of plastic

	Catch	915.7102.380
	Catch with base plate	915.7110.380
	Knock-in pad	915.7109.050
	Self adhesive pad	915.7105.050

Mounting plates



Steel mounting plates
→ see page 3.73

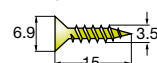


Zinc diecast mounting plates
→ see page 3.73



Steel mounting plates with cam adjustable height
→ see page 3.73

Hinge cup screws If not pre-mounted



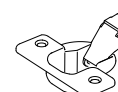
820.6308.050

10000 Pcs

Legend of hinge cup symbols

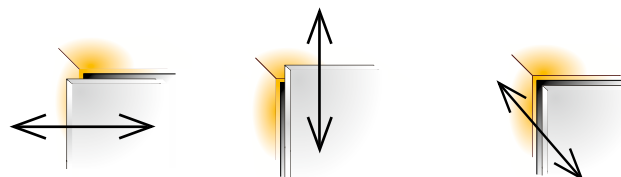


Screw-on ready
← screws



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

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



Side adjustment
+3/-1mm

Height adjustment
+2/-2mm

Depth adjustment
+1.5/-1.5mm

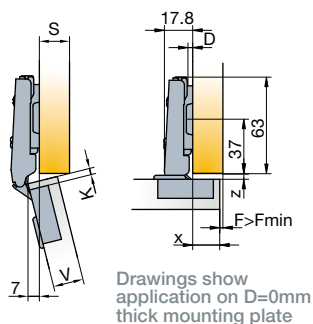
For further explanation → see pages 3.14 - 3.16

Mounting details

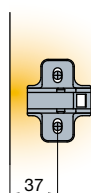
Mounting plate drilling distance

Mounting plate thickness table

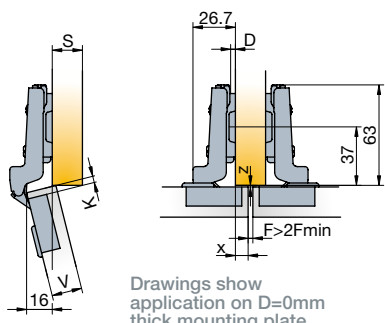
For further explanation → see page 3.7



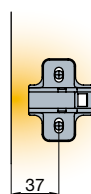
Drawings show application on D=0mm thick mounting plate



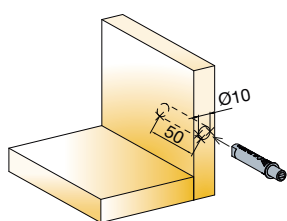
x	13	14	15	16	17	18
3	3	2	1	0		
K	4	3	2	1	0	
5			3	2	1	0 D



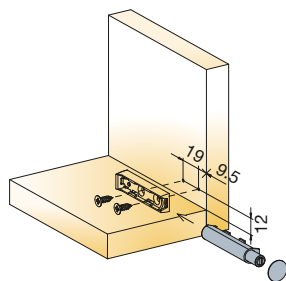
Drawings show application on D=0mm thick mounting plate



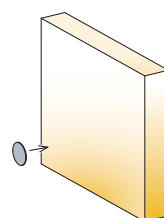
x	4	5	6	7	8	9
3	3	2	1	0		
K	4	3	2	1	0	
5			3	2	1	0 D



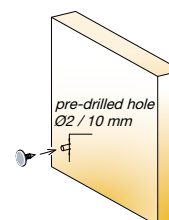
Catch



Catch with base plate



Fixing of pad depends on the catch position



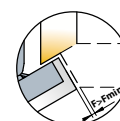
Accessories



Cover caps for hinge arm
→ see page 3.137

Door clearance

For further explanation → see page 3.7

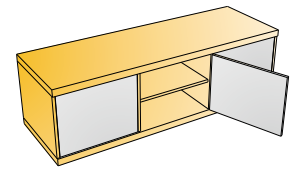
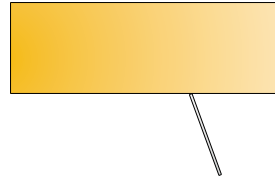
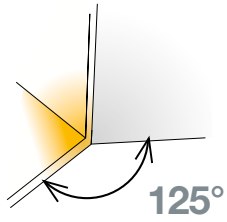


V	16	17	18	19	20	21	22
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5
K	4	0.3	0.5	0.7	0.9	1.2	1.6 2.1
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0 F _{MIN}

Gap Z_{MIN}=0

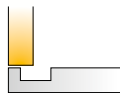
ST plus 125

For wooden doors



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	248.0U85.050	248.0V08.050
	248.0U84.050	248.0V09.050
	248.0U86.050	248.0V10.050

Cranking
0mm



Drilling patterns for hinge cups → see page 3.10

200 Pcs

Made of steel

Mounting plates



Steel mounting plates
→ see page 3.73



Zinc diecast mounting plates
→ see page 3.73

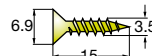


Steel mounting plates with cam adjustable height
→ see page 3.73



Face frame adapters
→ see page 3.75

Hinge cup screws If not pre-mounted



820.6308.050

10000 Pcs

Legend of hinge cup symbols



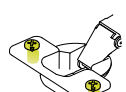
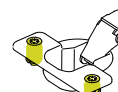
Screw-on ready
← screws



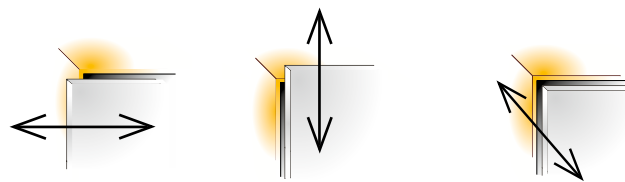
Machine insertion ready



Easy-fix system



- Opening angle 125°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12.5mm
- Hinge on plate mounting system ST



Side adjustment
+3/-1mm

Height adjustment
+2/-2mm

Depth adjustment
+1.5/-1.5mm

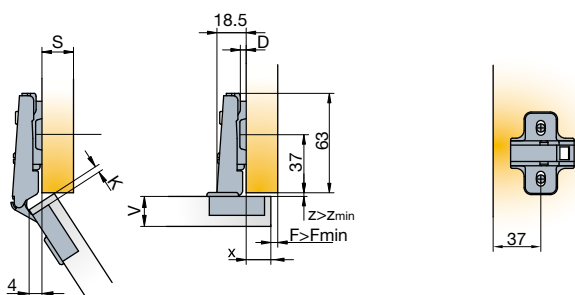
- Enables better accessibility due to the wider opening angle
- Quick, comfortable and precise depth adjustment

For further explanation → see pages 3.14 - 3.16

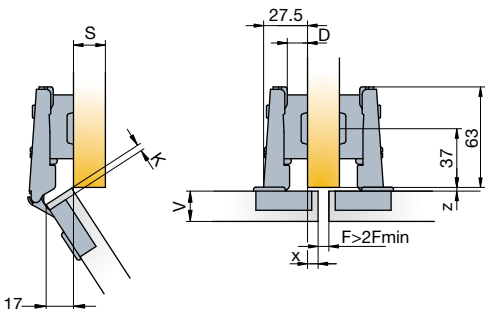
Mounting details

Mounting plate drilling distance

Mounting plate thickness table
For further explanation → see page 3.7

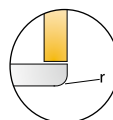


Drawings show application on D=0mm thick mounting plate



Drawings show application on D=9mm thick mounting plate

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



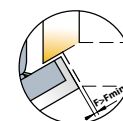
r	1	3	4	5	6
g	0.4	1.2	1.7	2.1	2.5

$$Z_{MIN} = (K-2) \times 0.7 + (V-16) \times 0.5 - g$$

Soft closing systems

Accessories

Door clearance
For further explanation → see page 3.7



Glissando TL
→ see page 2.11

Cover caps for hinge arm
→ see page 3.137

Glissando CR
→ see page 2.15

Push latch
→ see page 3.139

V	16	17	18	19	20	21	22	23	24
3	0.5	1.5	1.9	2.4	2.9	3.4	4.1	4.8	5.6
K 4	1.2	1.5	1.8	2.2	2.7	3.3	3.8	4.5	5.2
5	1.1	1.4	1.8	2.2	2.6	3.1	3.6	4.3	4.9
6	1.1	1.4	1.7	2.1	2.5	2.9	3.5	4.0	4.7 F _{MIN}