



Touch Opening Solutions

2019

Important Information

Technical information

While every effort has been made in the production of this catalogue to ensure the accuracy of information, our products are continually being revised and users should confirm the up to date specification before ordering. Due to constant improvement of products presented in the catalogue, we can make changes at any time and without notice.

Responsibility

It is the responsibility of the user to ensure the fitness of hardware for the intended purpose. We recommend assessment by appropriate testing in the application and by technical enquiry to our representatives.

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*Non preferred articles

All Item numbers in the catalogue marked with * are for non preferred items available on extended delivery times.

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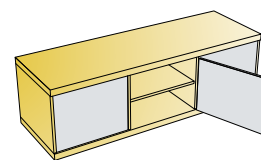
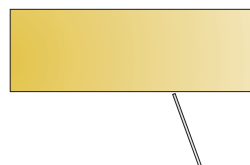
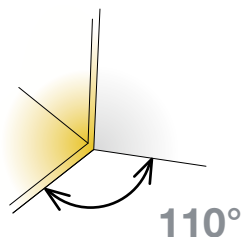
Tekform Drawer

Product Guide

	Cranking	Opening angle	Cup type	Page
Hinges				
T-type 110 Touch Opening	0mm	110°	for wood door	8
	5mm	110°	for wood door	8
	9mm	110°	for wood door	10
	17mm	110°	for wood door	10
S-type 110 Touch Opening	0mm	110°	for wood door	12
	15mm	110°	for wood door	12
Accessories				
Push Latch				14
Push Latch with Magnet				14
Push Latch MC				16
Push Latch MC with Magnet				16

T-type 110 Touch Opening Hinge

For wood doors



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

110°
35mm
12mm
3Way snap-on



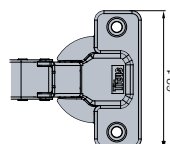
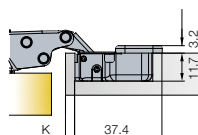
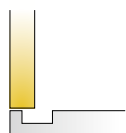
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	704-0593-054	704-0672-054
		704-0553-054

Drilling patterns for hinge cups → see page 3.15

Cranking

0mm

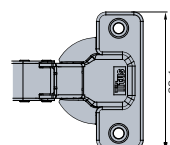
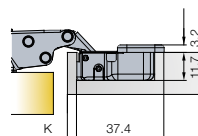
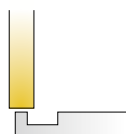


150 Pcs

Made of steel

Cranking

5mm



150 Pcs

Made of steel

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

Drilling patterns for hinge cups → see page 3.15

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 3.67



Cruciform mounting plate
→ see page 3.69



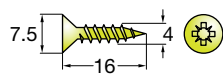
Cam adjustable horizontal mounting plate
→ see page 3.67



Face frame adapter plate
→ see page 3.69

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



For cranking 0mm

For cranking 5mm, 9mm, 17mm

Cover caps for hinge arm
→ see page 3.169



Push latch
→ see page 3.167

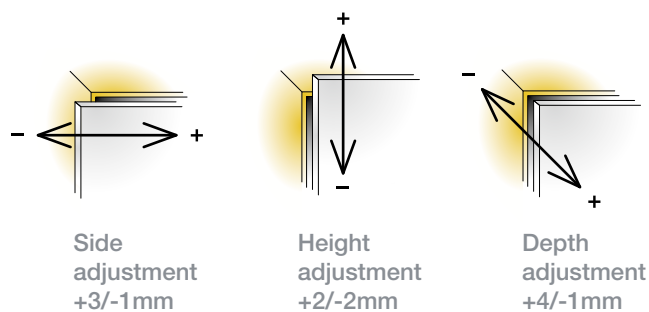
Legend of hinge cup symbols

Screw-on ready
← screws

Easy-fix system

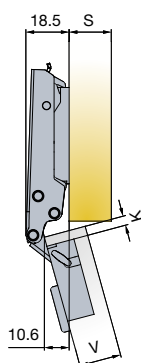


Door adjustment



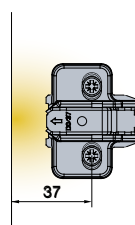
For further explanation → see pages 3.20-3.23

Mounting details



Drawing shows application on D=0mm thick mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation → see page 3.11

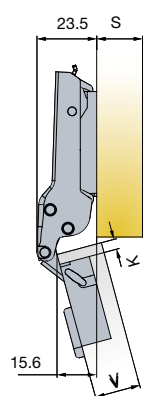
X	13	14	15	16	17	18	19
3	3	2	1	0			
4	4	3	2	1	0		
K							
5		4	3	2	1	0	
6			4	3	2	1	0
							D

$$D=13+K-x$$

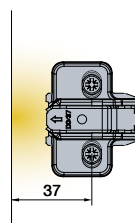
X	8	9	10	11	12	13	14
---	---	---	----	----	----	----	----

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

$$D=8+K-x$$

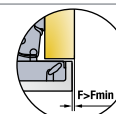


Drawing shows application on D=0mm thick mounting plate



Door clearance at R=1mm

For further explanation → see page 3.12

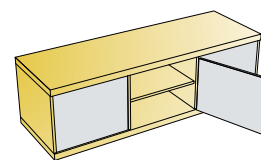
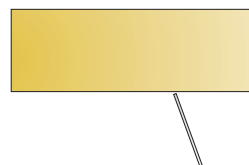
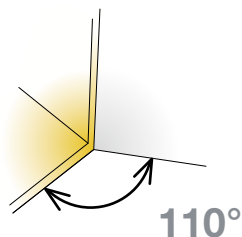


V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
K											
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9
											F _{MIN}

Gap Z_{MIN}=0

T-type 110 Touch Opening Hinge

For wood doors



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

110°
35mm
12mm
3Way snap-on



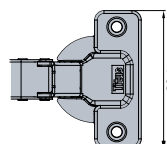
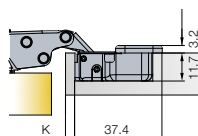
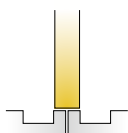
Technical details

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

Drilling patterns for hinge cups → see page 3.15

Cranking

9mm

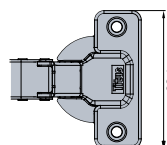
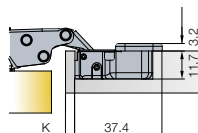
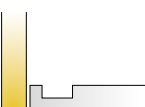


150 Pcs

Made of steel

Cranking

17mm



150 Pcs

Made of steel

	704-0662-054	704-0679-054
EasyFix 		704-0698-054

Drilling patterns for hinge cups → see page 3.15

Mounting plates



Cam adjustable cruciform mounting plate
→ see page 3.67



Cruciform mounting plate
→ see page 3.69



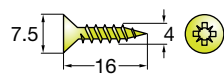
Cam adjustable horizontal mounting plate
→ see page 3.67



Face frame adapter plate
→ see page 3.69

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories



Cover caps for hinge arm
→ see page 3.169

For cranking
5mm, 9mm, 17mm



Push latch
→ see page 3.167

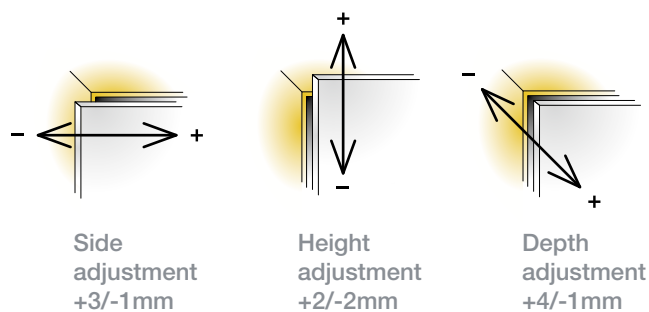
Legend of hinge cup symbols

Screw-on
ready
← screws

Easy-fix
system

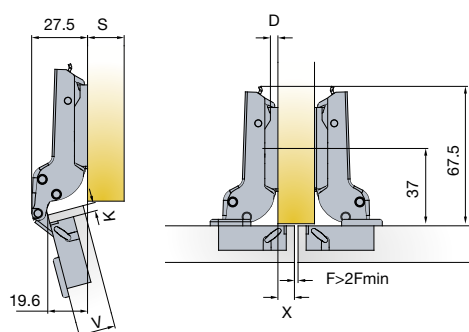


Door adjustment



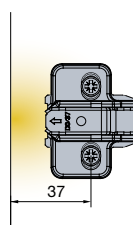
For further explanation → see pages 3.20-3.23

Mounting details



Drawing shows application on
D=0mm thick mounting plate

Mounting plate drilling distance

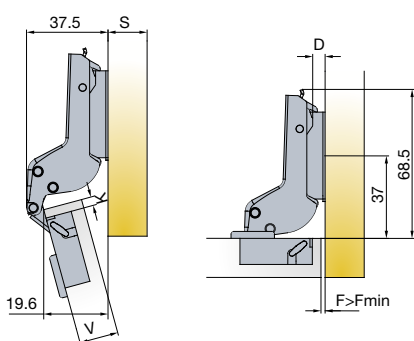


Mounting plate thickness table

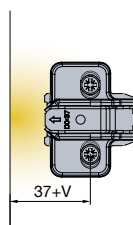
For further explanation → see page 3.11

x	4	5	6	7	8	9	10
3	3	2	1	0			
4	4	3	2	1	0		
5		4	3	2	1	0	
6			4	3	2	1	0

$$D=4+K-x$$



Drawing shows application on
D=2mm thick mounting plate

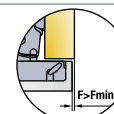


V	16	17	18	19	20	21	22	23	24
3	0	0	0	0	1	1	1	1	2
4	1	1	1	1	2	2	2	2	3
5	2	2	2	2	3	3	3	3	4
6	3	3	3	3	4	4	4	4	

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

Door clearance at R=1mm

For further explanation → see page 3.12



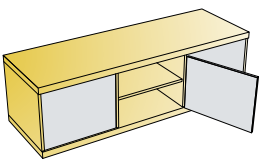
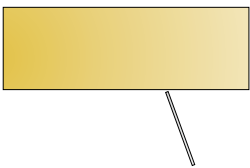
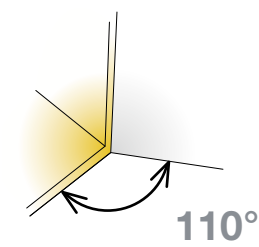
V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap Z_{MIN}=0

S-type 110

Touch opening

For wood doors without handles

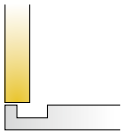


- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°
35mm
11.5mm
snap-on



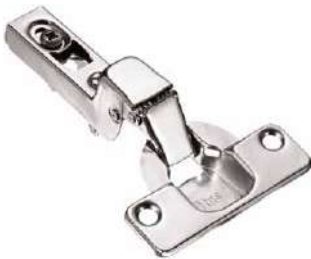
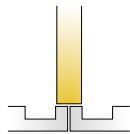
Cranking
0mm



200 Pcs

Made of steel

Cranking
15mm



200 Pcs

Made of steel

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	915-0Z98-050	915-0Z99-050

Drilling patterns for hinge cups → see page 3.15

	915-0008-050	
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Drilling patterns for hinge cups → see page 3.15

Mounting plates



Cam adjustable
mounting plate
→ see page 3.113



Steel mounting plates
→ see page 3.115



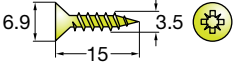
Zinc diecast
mounting plates
→ see page 3.115



Face frame adapter
for S-type hinges
→ see page 3.117

Hinge cup screws

If not pre-mounted

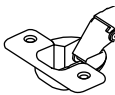


820-6308-050

10000 Pcs

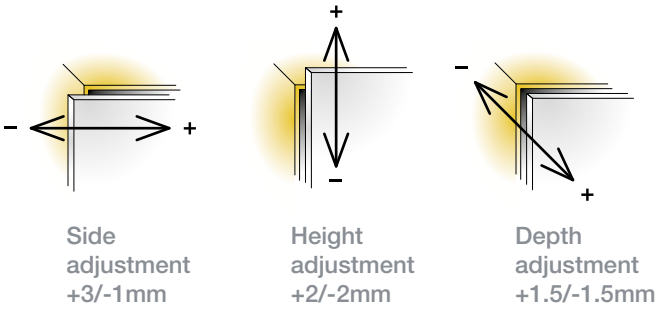
Legend of hinge cup symbols

Screw-on
ready
← screws



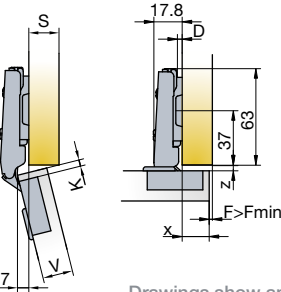
- Hinge integrated self-opening mechanism
- Effortless opening with just a light touch

Door adjustment



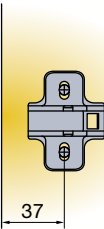
For further explanation → see pages 3.20-3.23

Mounting details



Drawings show application on D=0mm thick mounting plate

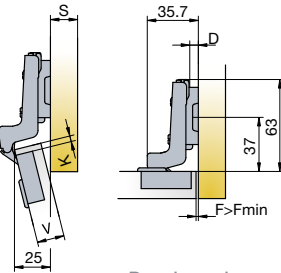
Mounting plate drilling distance



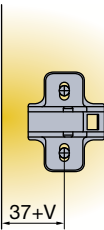
Mounting plate thickness table
For further explanation → see page 3.11

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

$D=13+K-x$



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

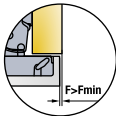
$D=-2+K-V$

Accessories



Cover caps for hinge arm
→ see page 3.169

Door clearance
For further explanation → see page 3.12



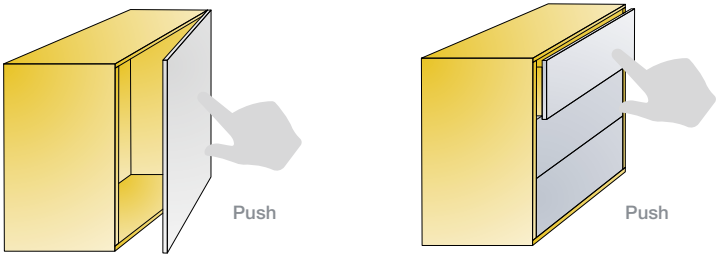
V	16	17	18	19	20	21	22	
3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
K 4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F _{MIN}

Gap Z_{MIN}=0

Push Latch

Push Latch with Magnet

For wood doors and drawers



Push latch
Push latch with magnet



Push latch



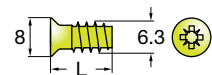
Cross mounting plate




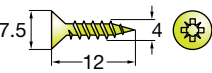
Linear mounting plate


 200 Pcs Made of steel and plastic

Fixing screws for mounting plates




Euro screws
821-6323-050
 10000 Pcs



Chipboard screws
820-6328-050
 10000 Pcs



Knock-in pad
915-7109-050
 100 Pcs

→ see page 3.87



Self adhesive pad
915-7105-050
 100 Pcs

→ see page 3.87

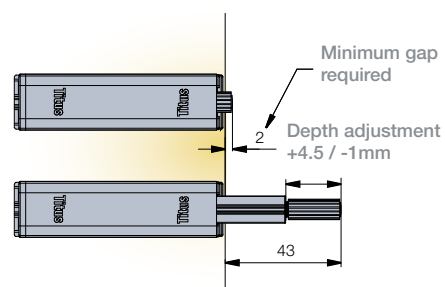
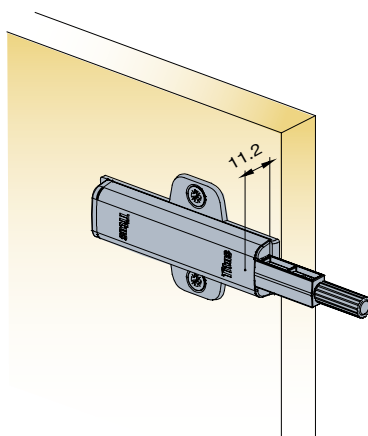
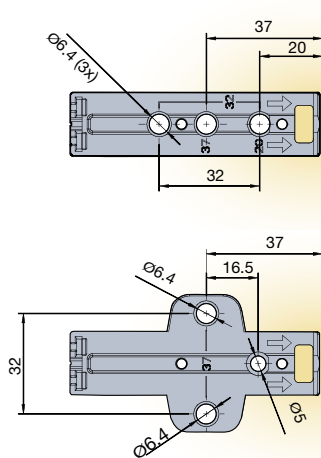
Accessories for Push latch with magnet

	Spring force N (released)	Spring force N (loaded)	Item number	Bronze
Push latch	10	20	915-0X59 →	381
Push latch	13	27	915-0320 →	381
Push latch with magnet	10	20	915-0D22 →	381
Linear m. plate			915-4175 →	381
Cross m. plate			915-4183 →	381
<div> <div> 915-0X59-381-K1  +   200 Sets </div> <div> 915-0D22-381-K1  +   200 Sets </div> </div> <div> <div> 915-0X59-381-K2  +   200 Sets </div> <div> 915-0D22-381-K2  +   200 Sets </div> </div>				

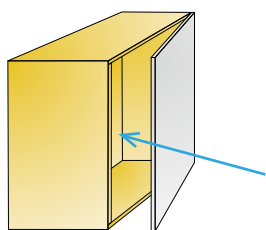
- Push latch works with standard concealed hinges and drawers
- Push latch with magnet works with reverse spring or unsprung hinges
- Effortless opening with just a light touch
- Depth adjustment ensures reliable closing and consistent performance in cases of inaccurate drilling
- 'Safety click' feature for easy detachment of the mechanism from the mounting plate

Drilling pattern

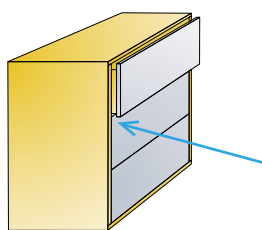
Dimensions



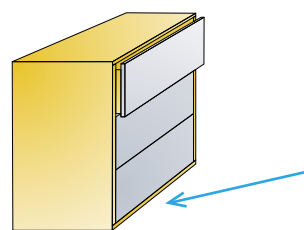
Positioning



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



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



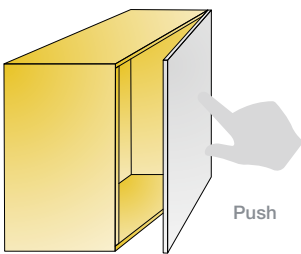
On the drawer bottom; in
the middle of drawer

Push latch works with standard hinges.

Push latch works on drawer; the gap between
the drawer and the cabinet side = min. 12 mm

Push Latch MC

For wood doors



		Technical details		Stroke	Item number	White	Light grey	Lead grey	Black	Nickel
Push Latch MC - short				14	915-7187 →	350	380	383	390	
 100 Pcs Made of steel and plastic										
Housing - short					915-7192 →	350	380	383	390	
 100 Pcs Made of plastic										
Push Latch MC - long				37	915-7188 →	350	380	383	390	
 100 Pcs Made of steel and plastic										
Housing - long					915-7193 →	350	380	383	390	
 100 Pcs Made of plastic										

- Works with standard hinges
- Easy, effortless opening and closing of doors
- Can be mounted on the left or right side of the cabinet
- Depth adjustment ensures reliable closing and consistent performance in cases of inaccurate drilling

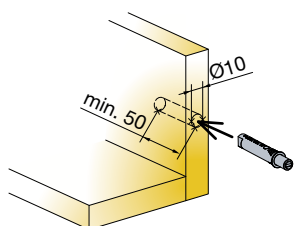
Depth adjustment $\pm 3\text{mm}$



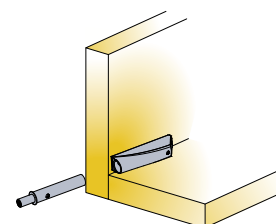
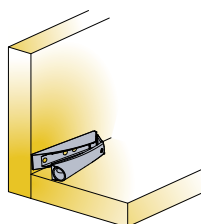
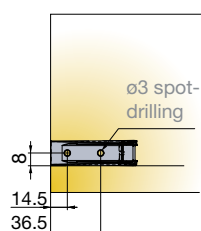
Depth adjustment by rotating the depth adjustment screw

Mounting procedure

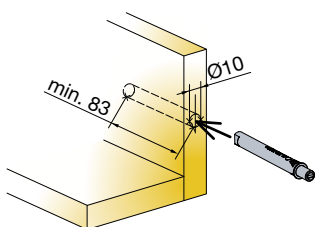
Without housing



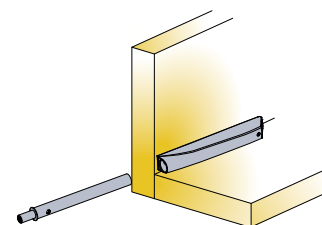
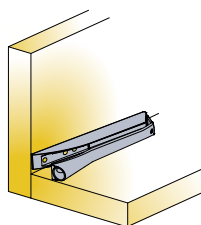
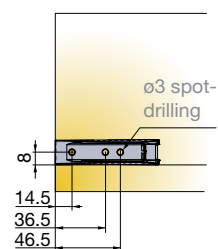
With housing - short



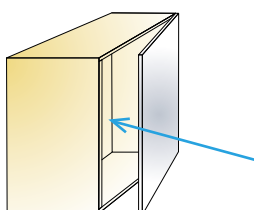
Without housing



With housing - long



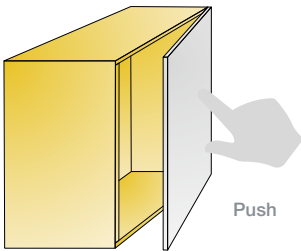
Positioning



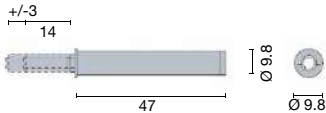

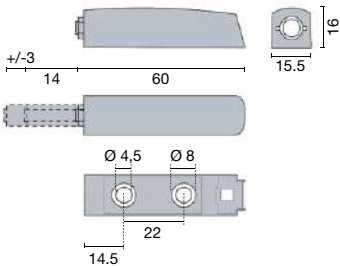



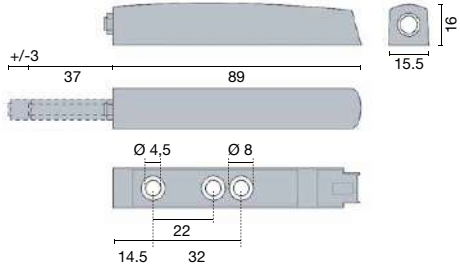


Close to the 'touch opening point' on the side opposite to hinges


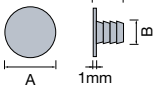

Push Latch MC with Magnet

For wood doors






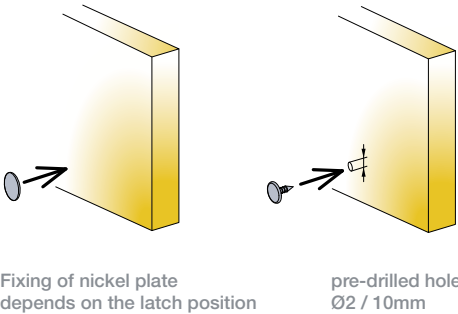
		Technical details		Stroke	Item number	White	Light grey	Lead grey	Black	Nickel
Push Latch MC with Magnet - short  		100 Pcs Made of steel and plastic		14	915-7185 →	350	380	383	390	
Housing - short  		100 Pcs Made of plastic			915-7192 →	350	380	383	390	
Push Latch MC with Magnet - long  		100 Pcs Made of steel and plastic		37	915-7186 →	350	380	383	390	
Housing - long  		100 Pcs Made of plastic			915-7193 →	350	380	383	390	

Nickel plates

 	A = Ø10 B = Ø6	915-7189-050	 500 Pcs
	A = Ø15 B = Ø8	915-7190-050	

Nickel plate double side tape

 	A = Ø10 B = Ø6	915-7159-050	 500 Pcs
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- Works with standard and unsprung hinges
- Easy, effortless opening and closing of doors
- Can be mounted on the left or right side of the cabinet
- Depth adjustment ensures reliable closing and consistent performance in cases of inaccurate drilling

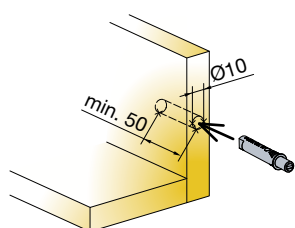
Depth adjustment $\pm 3\text{mm}$



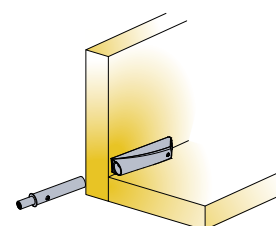
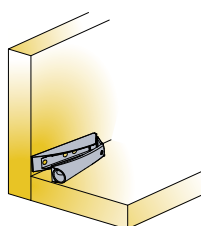
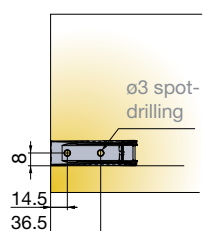
Depth adjustment by rotating the depth adjustment screw

Mounting procedure

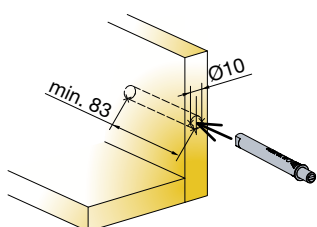
Without housing



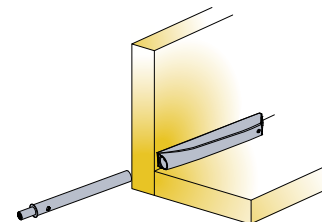
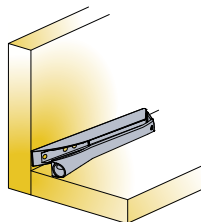
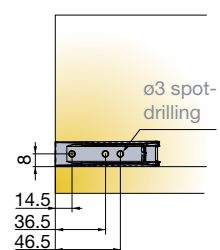
With housing - short



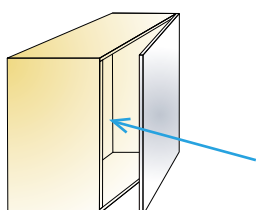
Without housing



With housing - long



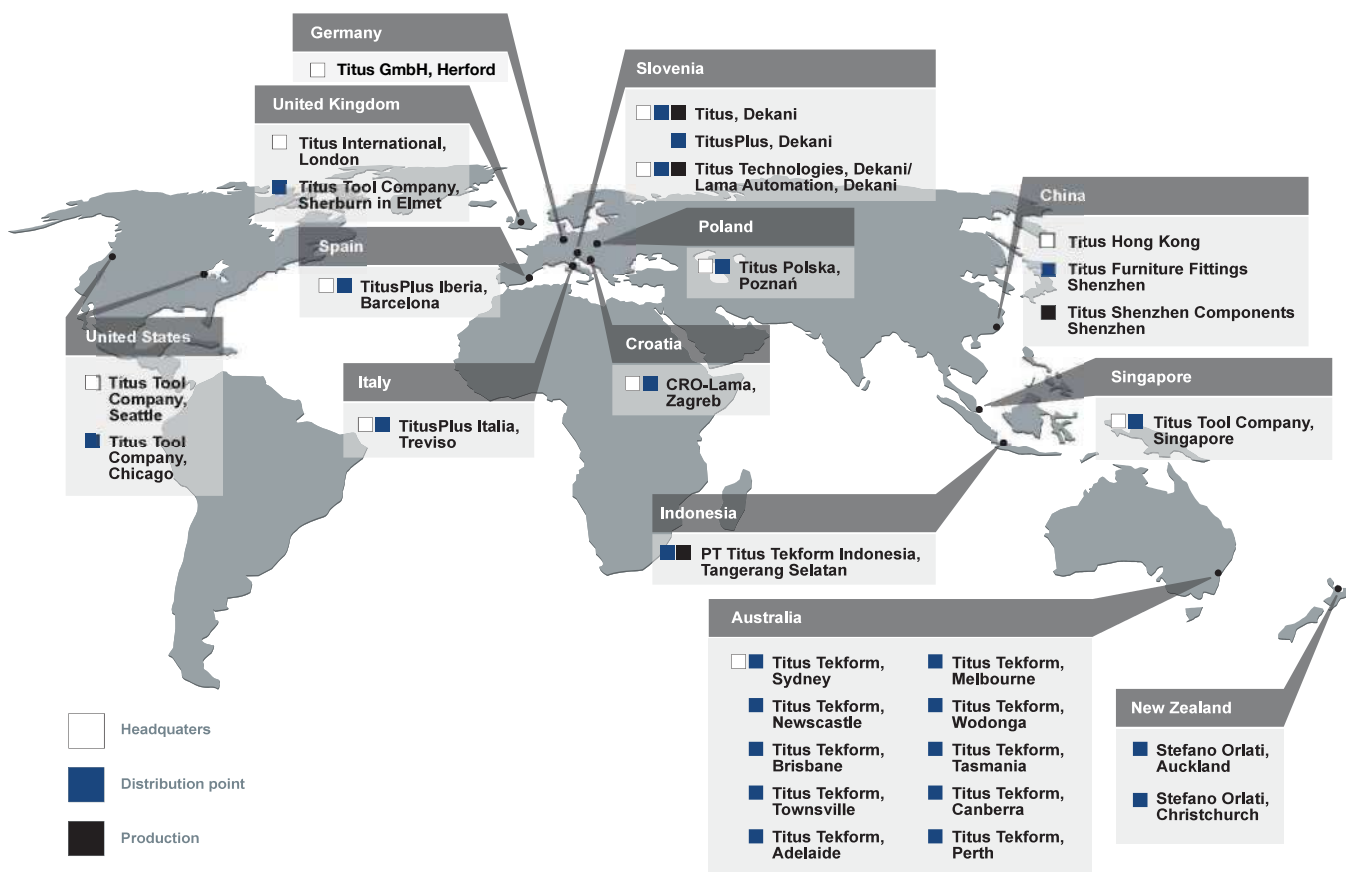
Positioning



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

Global player

Worldwide design, manufacturing and distribution capabilities



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