Titus Tekform Technical Brochure



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.

Intellectual property

Titus Group owns the intellectual property rights in its products worldwide whether as trademarks, patents, intellectual, copyright, designs, illustrations, drawings and the 'know how' contained in their design and production. Titus Group respects the equivalent rights in competitors and all other relevant product design rights. To our knowledge our products do not infringe any intellectual property rights of competitors or other parties. Titus Group takes infringements of its rights seriously and will rigorously defend these rights to the full extent of the law.

*Non preferred articles

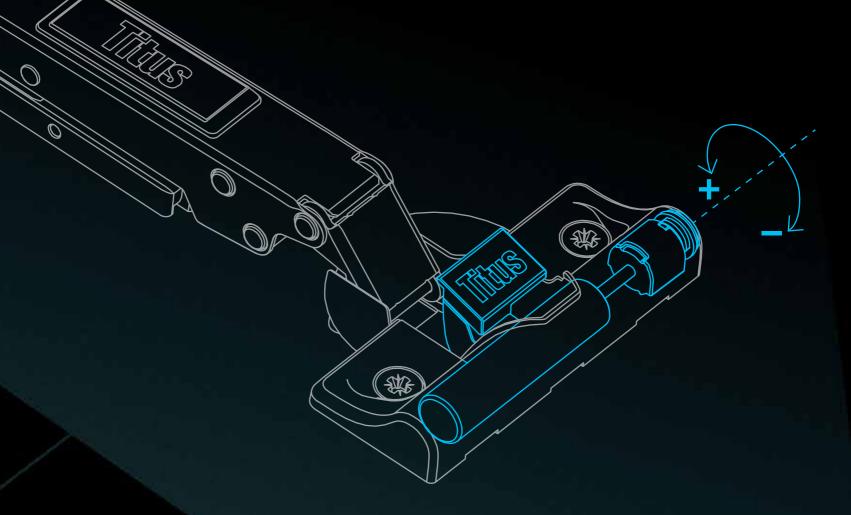
All Item numbers in the catalogue marked with * are for non preferred items available on extended delivery times.

Trademarks

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Titus Hinges

14



'ConfidentClose'

The hinge is designed to deliver consumer preferred soft closing motion.

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

Based on third party consumer research.

'One-for-All'

- Damping on the hinge cup
- Positioning of dampers transverse to the hinge cup allows for consistent damping across hinge variations
- Universal mounting plate for both damped and non-damped hinges

Adjustable Damping

Flexibility to tune performance to a wide range of applications

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

Titus Damper Inside

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

A new generation hinge

T-type hinge



Titus New Generation hinge for quick furniture assembly and consistent performance on a wide range of doors '3Way' snap-on mounting Highly tolerant Adjustable damping 'ConfidentClose' Numerous application possibilities

• For simpler cabinet desig

• For demanding high quality furniture of larger heights and weights

Opening angle	Door thickness	Crankings	Door tab K	Mounting mode	Mounting plate type	Mounting plate height	Soft closing options	Durability (cycles)	Page
110° 170°	15-26mm	0mm 9mm 17mm angled	3-6mm	'3Way' snap-on	Cruciform Linear	Omm 1mm 2mm 3mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	100,000	2.24

Concealed Hinges Product Guide

T-type

				Page
T-type Glissando 110	Omm	110°	For wooden doors	2.24
	9mm	110°	For wooden doors	2.26
	17mm	110°	For wooden doors	2.26
T-type Glissando 110/45°	45°, 17mm	110°	For wooden doors	2.28
T-type Glissando 110/90°	90°, 17mm	110°	For wooden doors	2.30
T-type 110	Omm	110°	For wooden doors	2.32
	9mm	110°	For wooden doors	2.34
	17mm	110°	For wooden doors	2.34
T-type 110/45°	45°, 17mm	110°	For wooden doors	2.36
T-type 110/90°	90°, 17mm	110°	For wooden doors	2.38
T-type 170	Omm	170°	For wooden doors	2.40
	9mm	170°	For wooden doors	2.40
T-type Pie-cut Corner Cabinet		110°	For wooden doors	2.42
T-type Mounting Plates				2.44
S-type				
S-type Plus 110	Omm	110°	For wooden doors	2.48
	9mm	110°	For wooden doors	2.48
S-type 110	Omm	110°	For wooden doors	2.50
	9mm	110°	For wooden doors	2.50
	15mm	110°	For wooden doors	2.50
S-type 110/45°	45°, 18mm	110°	For wooden doors	2.52
S-type 110/90°	90°, 18mm	110°	For wooden doors	2.54
S-type 170°	0mm	165°	For wooden doors	2.56
S-type Pie-cut Corner Cabinet			For wooden doors	2.58



S-type Mounting Plates				2.60
B-type				
B-type Ø35 Shallow Cup	Omm	108°	For wooden doors	2.64
General Hinges				
Butt Hinge				2.66
Other Hinges				2.67
Accessories				
Push Latch				2.68
Push to Open Catches				2.68
Cover Caps				2.70

Soft Closing Systems

	Mounting	Compatibility	Opening Angle	Page
Information				2.71
Glissando TT	Add-on	T-type	110°	2.82
Glissando TL	Add-on	S-type, B-type	110°	2.84
Glissando TL 170	Add-on	T-type, S-type, B-type	170°	2.86
Glissando CR	Stand alone	T-type, S-type, B-type	110°, 120°, 170°	2.88
Titusoft WD	Stand alone	For wooden drawers		2.90
Titusoft MD	Stand alone	For metal drawers		2.92

Concealed Hinges Door Overlay

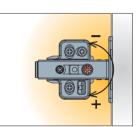


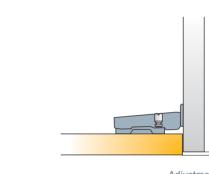
Titus

4

Through side adjustment

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



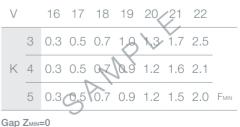


Adjustment range

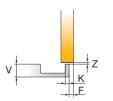
Door clearance and gap

depend on the cup drilling distance (K), door thickness (V).

and the type of hinge. The minimum clearance scale can be found on product pages > see Door (page) clearance chart. When using hinges with partial overlay the door clearance must be twice as large (F≥2Fmin).







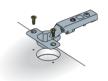
Concealed Hinges Hinge Cup Types

How to Mount the Hinge on the Door

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

No pre-mounting

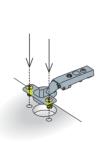
The hinge is fixed on the door with two screws. 3mm pilot holes recommended.

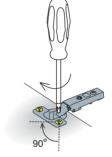


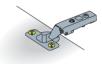
'EasyFix' time saving system

F

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

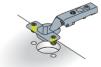




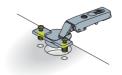


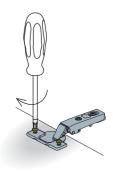
Machine insertion ready hinge cup

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



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







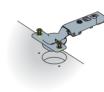
Hinge cup with pre-mounted euro screws

Pre-mounted euro screws for 5mm holes. Where not specified otherwise, euro screws are 13mm long.



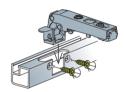
Hinge cup with pre-mounted chipboard screws

Pre-mounted chipboard screws. 3mm pilot holes recommended.



Aluminium frame screw-on hinge cup

The hinge is fixed onto a specific drilling on the aluminium frame.



Concealed Hinges Boring Details

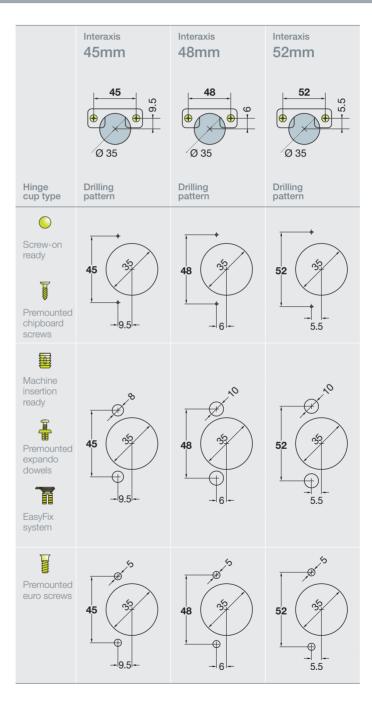
Drilling Patterns for Hinge Cup

Interaxis

45mm, 48mm* and 52mm

- · T-type
- · S-type
- · B-type

*Available on special request ------> see page 0.3



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

Concealed Hinges Mounting Plate Type

How to Fix the Mounting Plate on the Cabinet Side

		There are mounting plate type symbols listed on product pages beside item numbers. Below you can find their explanation.	
Ĵ	No premounting, chipboard screw ready	The mounting plate is fixed with two chipboard screws or equivalent. 3mm pilot holes recommended.	
	No premounting, euro screw ready	Fixing with 6.3mm euro screws into pre-drilled 5mm holes. Choosing the appropriate head and length for use with this mounting plate is recommended.	E OF
	Machine insertion ready	Premounted dowels for machine insertion into 10mm holes.	
	Premounted euro screws	Euro screws for 5mm holes are premounted on the mounting plate. Available lengths: 11mm, 13mm and 15mm.	
	Premounted expanding dowels	Premounted expanding dowels for 5mm holes. Available lengths: 7.5mm and 10.5mm.	
Jam	Premounted chipboard screws	The mounting plate is fixed with two premounted chipboard screws. 3mm pilot holes recommended.	

Concealed Hinges Hinge-to-plate Mounting

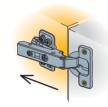
How to Assemble the Hinge and the Mounting Plate

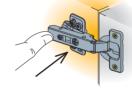
T-type '3Way' snap-on

'3Way' snap-on mounting for intuitive hinge-to-plate assembly in three directions: - from the hinge arm front

- from the hinge arm rear
- from the top

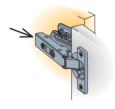
Front assembly

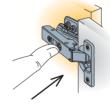






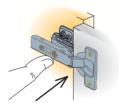
Rear assembly





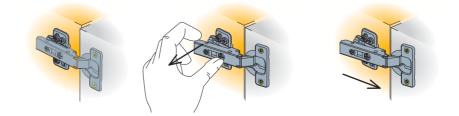


Top assembly



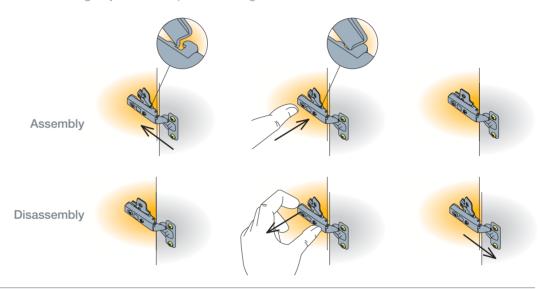


Disassembly: For disassembly press rear button on the hinge arm.



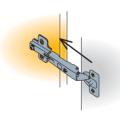
10 **Titus**

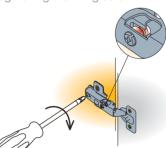
S-type snap-on The door is assembled on the cabinet side simply by positioning the two hooks under the hinge arm on the outer part of the mounting plate and pressing gently on the rear part of the hinge arm. For disassembly, press the rear button on the hinge arm.



B-type slide-on

The hinge is assembled by sliding the hinge arm over the mounting plate. The hinge adjustment screw must fit into the groove on the mounting plate. After adjusting the door depth, the mounting procedure is finished by tightening the fixing screw.



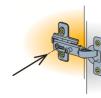


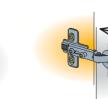
Key-hole

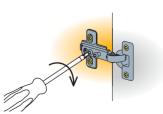
• *Wide Angle hinge

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

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









Concealed Hinges Loadings

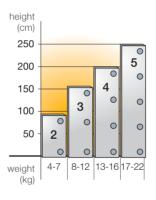


How Many Hinges per Door?

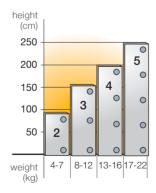
Check the enclosed specifications for the number of required hinges per door by considering door height and weight.

Concealed hinges with Ø35mm hinge cup diameter

- · T-type
- · S-type
- · B-type
- Other hinges



· T-type Glissando

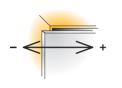


Note:

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

Side Adjustment

Adjustment

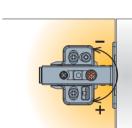


The side adjustment aligns the door with the side of the cabinet.

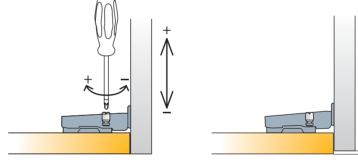
Rotate the appropriate screw

- · T-type
- · S-type
- · B-type





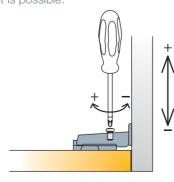
Adjustment range can be found on the product pages.

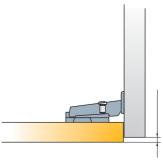


Adjustment range

By temporarily loosening the fixing screw

- *Wide Angle hinge
- For the side adjustment:
- 1. Release the fixing screw
- 2. Make the necessary adjustment by
- rotating the appropriate screw 3. Tighten the fixing screw Without releasing the fixing screw no side adjustment is possible.



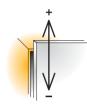


Adjustment range



Concealed Hinges Adjustment

Height Adjustment

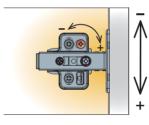


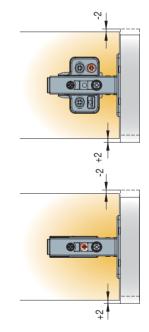
Height adjustment is necessary to achieve optimal vertical door position.

Rotate the cam adjuster

· T-type with cam adjustable cruciform mounting plate

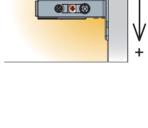
The height adjustment is made by rotating the cam adjuster on the mounting plate.

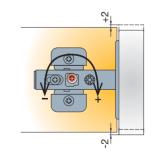


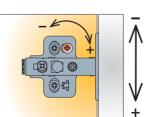




· S-type with cam adjustable cruciform mounting plate





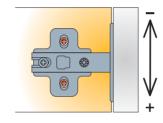


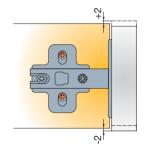


Releasing the screw slot

- T-type and S-type with cruciform mounting plate
- · B-type
- *Wide Angle hinge

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







Concealed Hinges Adjustment

Depth Adjustment

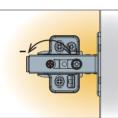


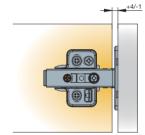
The system enables easy adjustment of the gap between door and cabinet.

Rotating the cam adjuster

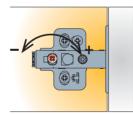
Rotate the cam adjuster on the hinge arm.

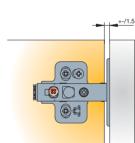
· T-type





· S-type Plus

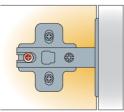


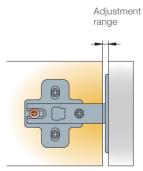


Release the fixing or adjustment screw

- · S-type
- · B-type

The depth adjustment is made by temporarily releasing the adjustment screw (S-type) or fixing screw (B-type, Hinge Ø40). After the adjustment is made the screw has to be re-tightened.







Titus recommends! Most of Titus hinges can be combined with soft closing devices. \rightarrow see page 2.71 for details

Door Closing Type

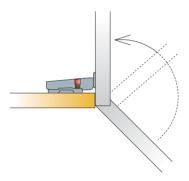
There are two door closing systems:

Concealed hinges with self-closing angle

- · T-type
- · S-type
- · B-type

The self-closing angle is the point from which the door will close by itself, without user assistance. The mechanism starts closing the door from a 14° to 25° angle, depending on the concealed hinge type. From that point to the maximum opening angle the door remains in an open position.

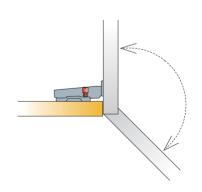




Free-swinging door hinges*

Optionally most of Titus concealed hinges can be supplied without the selfclosing mechanism. These hinges may be ordered upon request. Soft closing devices can not be used with freeswinging door hinges.

* Available upon special request, speak to your Technical Sales Representative.





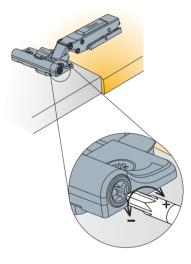
Concealed Hinges Adjustment

Damping Adjustment

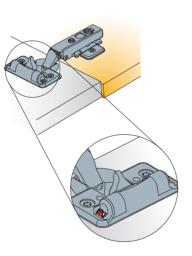
T-type Glissando

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

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



S-type-i Plus series S-type-i series B-type-i series



The damping reduction switch in a pre-set position.

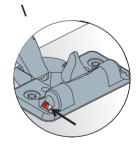
pre-set position.

Damping force change

The damping reduction switch adjusts the damping. Example shows the damping change in case of two hinges on door. To decrease or to increase the damping, change the position of the damping reduction switch. Hinges are factory pre-set to the maximum damping value.

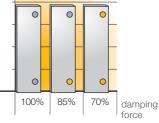


To decrease the damping 1. Lift the damping activator. 2. Slide the damping reduction switch to opposite position.



To increase the damping, slide the damping reduction switch back to the factory pre-set position.

Hinge set at the maximum damping value
 Hinge set at the lowest damping value

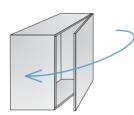


Key Design Choices

'ConfidentClose'

The hinge is designed to deliver consumer-preferred soft closing motion.

Based on results of third party research



Fast closing



Late start of deceleration action



Quiet landing with 'SoftTouch'

'One-for-all' efficiency principle

Positioning of damper transversal to the hinge cup allows for consistent damping across hinge variations.

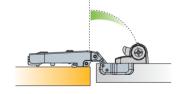
Universal mounting plate platform for both damped and non-damped hinges.



Adjustable damping

Flexibility to tune performance for all applications.

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



Adjustable damping zone and force

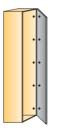
Titus Damper inside

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



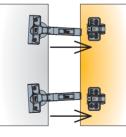
T-type Hinges





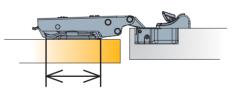
Easy door installation even in cases of 4-5 hinges per door

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



Highly tolerant

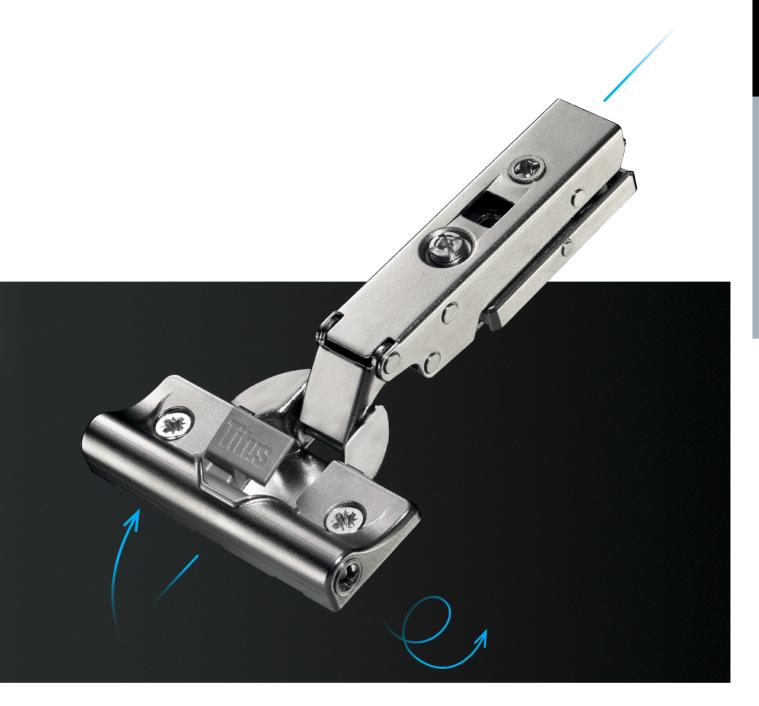
- Efficient performance in marginal values of tolerance
- Reliable door closing in case of accidental misalignment
- \cdot 'ConfidentClose' assured

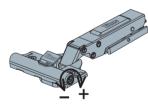


Rigidity

- · Hinge-to-plate attachment assures stability and rigidity
- \cdot Smooth performance







Adjustable damping

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



'Titus Damper Inside'

- Titus proprietary multi-purpose damping technology
- Reliable and consistent life-long damping
- · No rebounce



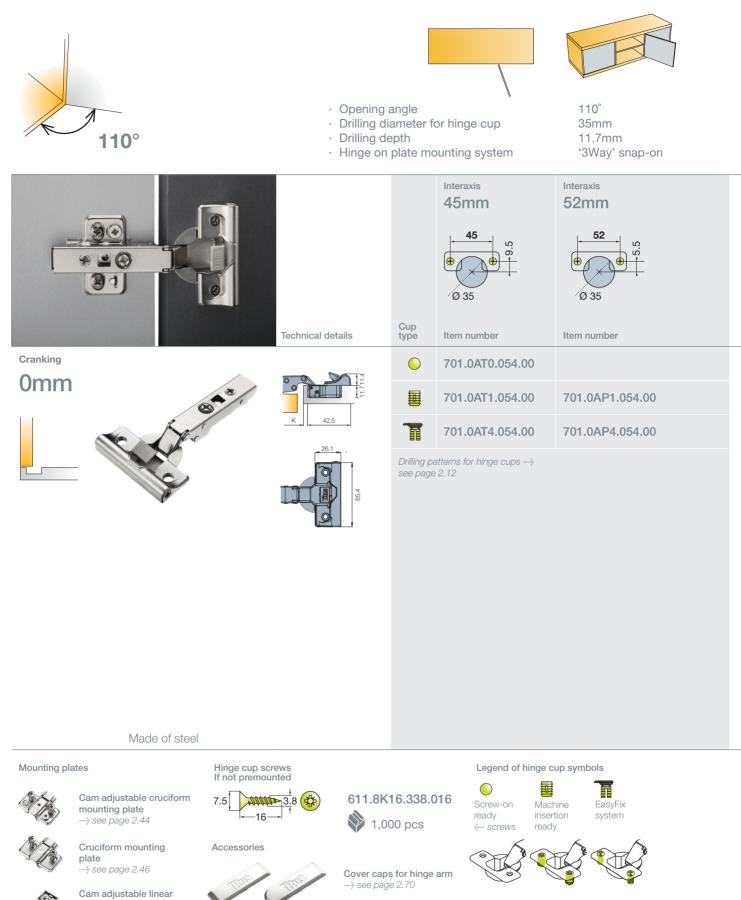
Proven Glissando concept

- Damper is positioned transversal on the hinge cup
- \cdot Reliable performance



T-type Glissando 110

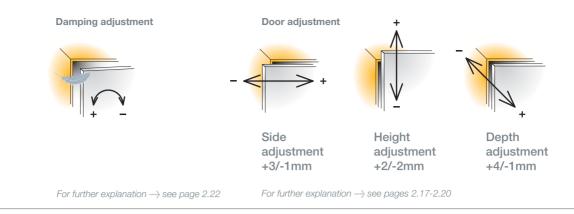
For wooden doors



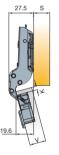
2 **Titus**

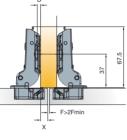
mounting plate

22



Mounting details





Drawings show application on D=0mm thick mounting plate

Mounting plate drilling distance

Mounting plate thickness table For further explanation -----> see page 2.8

х		4	5	6	7	8	9	10	
	3	3	2	1	0				
к	4	4	3	2	1	0			
ĸ	5		4	3	2	1	0		
	6			4	3	2	1	0	D

D=4+K.x

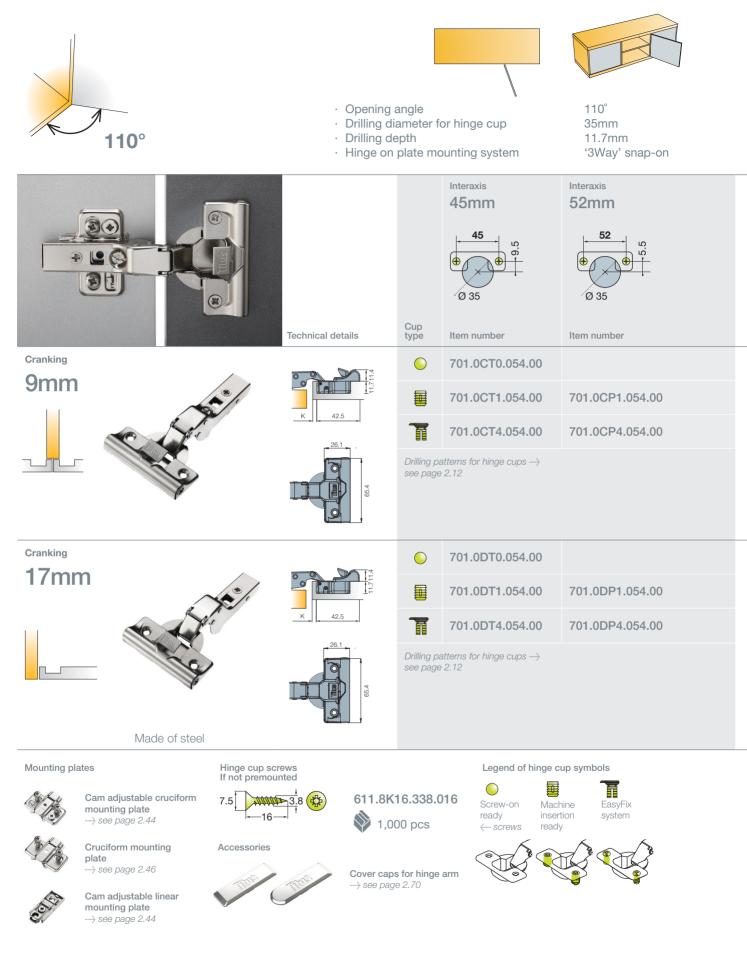
	oor clearance at R=1mm or further explanation \rightarrow see page 2.8												
V		16	17	18	19	20	21	22	23	24	25	26	
	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
к	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
ĸ	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	Fmin

Gap Zмін=0



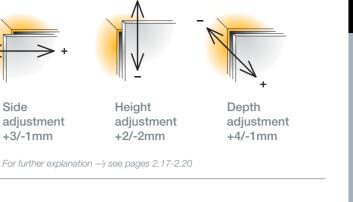
T-type Glissando 110

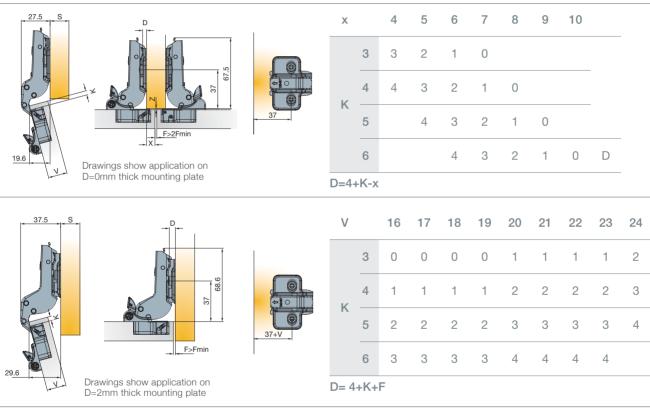
For wooden doors



Titus

24





Door adjustment

Height

Side

adjustment

Mounting plate thickness table For further explanation ------> see page 2.8

+3/-1mm

Damping adjustment

For further explanation -----> see page 2.22

Mounting plate drilling distance

Mounting details

Door clearance at R=1mm For further explanation \rightarrow see page 2.8													F>Fmin
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	FMIN
~		~											

Gap Zміл=0



D

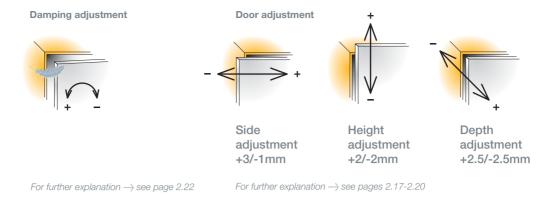
T-type Glissando 110/45° 45° angled application for wooden doors

	110°	Drilling	diameter depth	for hinge cup ounting system	110° 35mm 11.7mm '3Way' snap-on
		Technical details	Cup type	Interaxis 45mm figure 45 or $figure 6gige 35Item number$	Interaxis 52mm frightarrow gradient for the second secon
Cranking			\bigcirc	701.0B08.054.00	
17mr	TI		T	701.0C54.650.00	701.0C58.650.00
	Cup made of	κ 42.5 φ φ φ φ φ φ φ φ φ φ φ φ φ	Drilling _k see pag	patterns for hinge cups → e 2.12	
Mounting pl	ates	Hinge cup screws If not premounted		Legend of hinge	
	Cam adjustable cruciform mounting plate → see page 2.44		3 K16.338. ,000 pcs	016 Screw-on Eas ready syst <i>— screws</i>	yFix
	Cruciform mounting plate → see page 2.46 Cam adjustable linear	Accessories	aps for hinge bage 2.70	e arm	

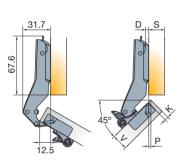
Cam adjustable linear mounting plate → see page 2.44



Titus 26



Mounting details

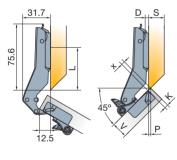


Mounting plate drilling distance

Mounting plate thickness table For further explanation -----> see page 2.8

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

Drawings show application on
D=0mm thick mounting plate



Drawings show application on D=0mm thick mounting plate

Х		0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6	
	3	2			1			0						
	4			2			1			0				
ĸ	5		3			2			1			0		
	6	4			3			2			1		0	D

Door clearance at R=1mm For further explanation													F>Fmin
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	
K	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	FMIN

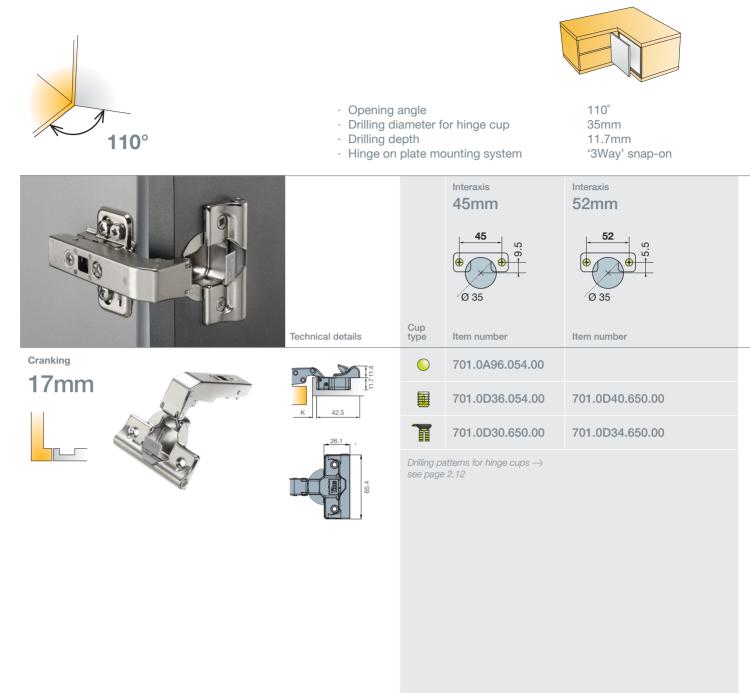
Gap Zмін=0

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

L=41 for thickness D=4



T-type Glissando 110/90° For wooden door cabinets with blind panels



Cup made of steel, arm made of zinc

Mounting plates



Cam adjustable cruciform mounting plate



Cruciform mounting plate . -----> see page 2.46



Cam adjustable linear mounting plate

Hinge cup screws If not premounted 7.5



611.8K16.338.016

1,000 pcs





Legend of hinge cup symbols

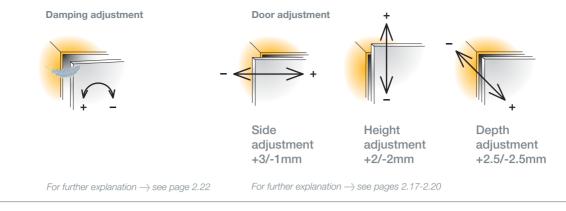
Screw-on Machine ready insertion <--- screws



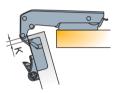
EasyFix system

Cover caps for hinge arm

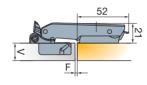




Mounting details



Drawings show application on D=2mm thick mounting plate



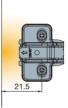
Drawings show application on D=2mm thick mounting plate

		ance at explanation		ee page		20	21	22	23	24	25	26	F>Fmin
	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
17	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	Fmin

Gap Zмін=0



Mounting plate drilling distance



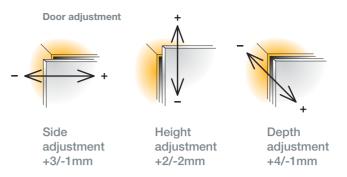
T-type 110

For wooden doors



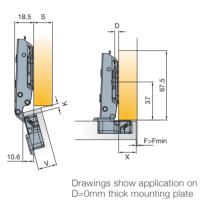
Titus

30

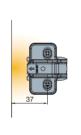


For further explanation -----> see pages 2.17-2.20

Mounting details



Mounting plate drilling distance



For further explanation \longrightarrow see page 2.8											
х	13	14	15	16	17						

Mounting plate thickness table

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

D=13+K-x

Soft closing systems



Glissando TT



Glissando CR -----} see page 2.88

Door clearance at R=1mm For further explanation → see page 2.8												F>Fmin	
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	
K	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	Fmin

Gap Zмін=0



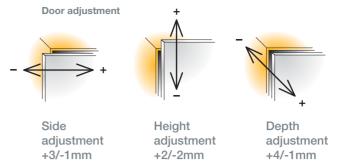
T-type 110

For wooden doors



2 **Titus**

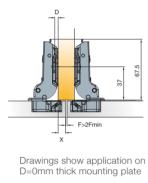
32



For further explanation -----> see pages 2.17-2.20

27.5 S	
	_
1 <u>9.6</u>	_
-Y-	

Mounting details



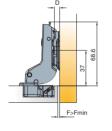
Mounting plate drilling distance

37.5

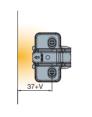
Mounting plate thickness table For further explanation ------> see page 2.8

х Κ D

+	37.5	- - ^{\$}	3-1	
	0	Ì		
	Ĭ	đ		
6		Ş		
Ŕ		4		
	A	$\backslash \square$		
29.6	Ha I	V		
		X		



Drawings show application on D=2mm thick mounting plate



	0			т	0	~		0			
D=	4+K.	Х									
V		16	17	18	19	20	21	22	23	24	
	3	0	0	0	0	1	1	1	1	2	
К	4	1	1	1	1	2	2	2	2	3	
ĸ	5	2	2	2	2	3	3	3	3	4	
	6	3	3	3	3	4	4	4	4		D

D=4+K+F

Soft	c	losing	systems



Glissando TT

Glissando CR → see page 2.88

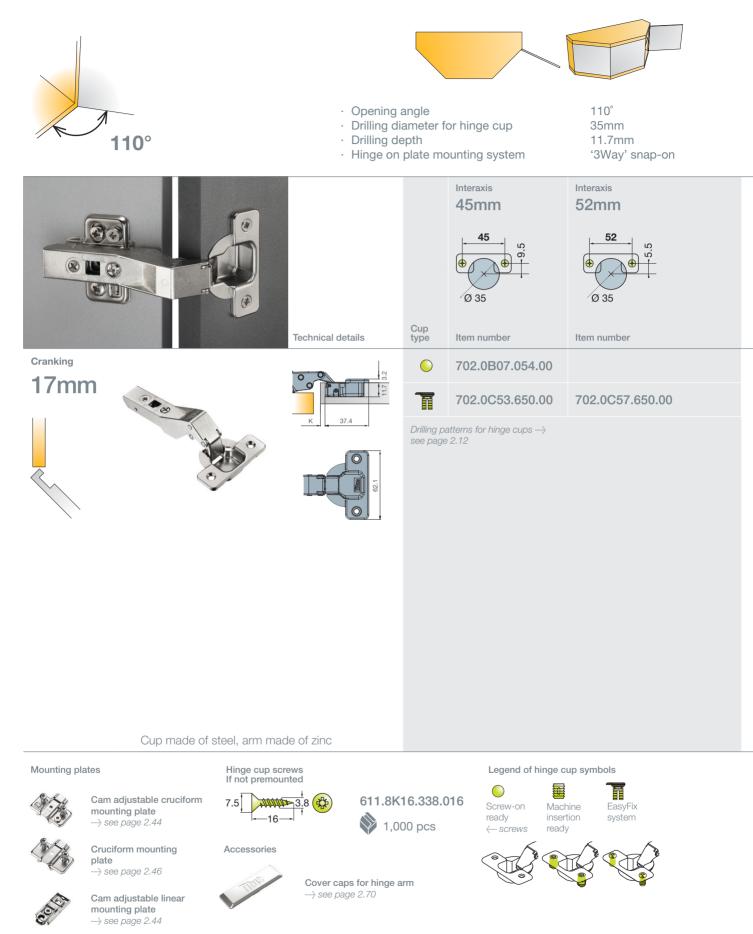
		earance at R=1mm her explanation → see page 2.8													
V		16	17	18	19	20	21	22	23	24	25	26			
	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5			
К	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5			
ĸ	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5			
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	FMIN		

Gap Zмін=0



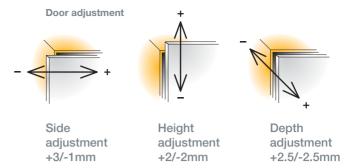
T-type 110/45°

45° angled application for wooden doors



Titus

34



For further explanation -----> see pages 2.17-2.20

	Mounting plate	Moun	ting p	late t	hickne	ss ta	able									
Mounting details	drilling distance				ation			2.8								
<u>31.7</u>	•	Ρ		0	0.5	5	1	1.5	2		2.5	3	3.5	5	4	
6			3		2			1			0					
		К	4	3			2		1			0				
45° 6 4	37	ĸ	5		3			2			1		0			
12.5 × L P			6	4			3		2			1			0	D
Drawings show application on D=0mm thick mounting plate																
<u>-31.7</u>	1	Х		0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6	
			3	2			1			0						
75.6			4			2			1			0				-
45°		K	5		3			2			1			0		-
12.5 L P	L=45 for thickness D=0 L=44 for thickness D=1		6	4			3			2			1		0	D
Drawings show application on D=0mm thick mounting plate	L=43 for thickness D=2 L=42 for thickness D=3 L=41 for thickness D=4															
Soft closing systems	Door cleara	nce at R	=1mn	n												\square
Glissando TT → see page 2.82	For further ex				ige 2.8									(F>Fmin
	V	16	17	18	19	9	20	21	22	2	23	24	25	5	26	



Glissando CR → see page 2.88

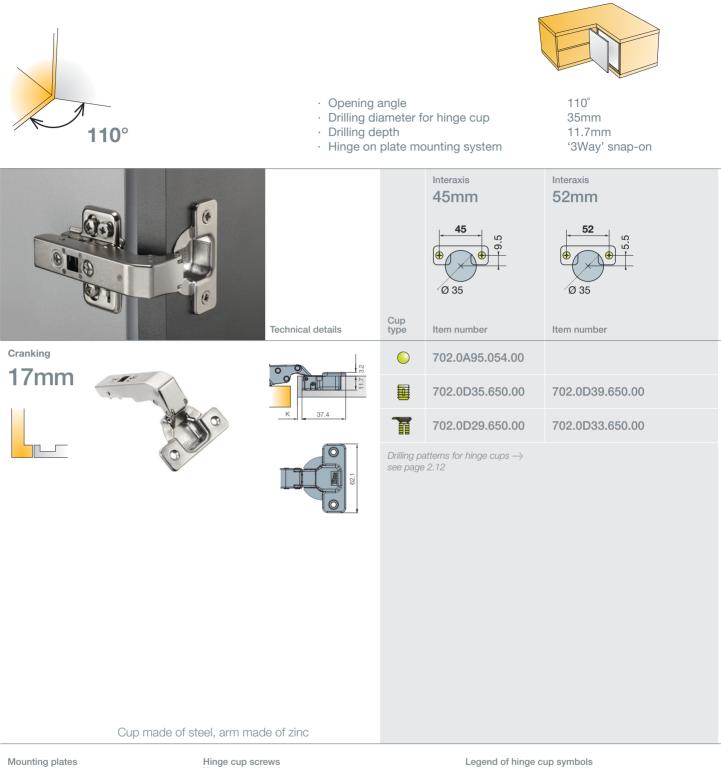
		ance at explanat			e 2.8								F>Fmin
V		16	17	18	19	20	21	22	23	24	25	26	
	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
к	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
I.	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	FMIN
_	-	~											

Gap Zміл=0



T-type 110/90°

For wooden door cabinets with blind panels



Mounting plates



Cam adjustable cruciform mounting plate



Cruciform mounting plate . -----> see page 2.46



Cam adjustable linear mounting plate

Hinge cup screws If not premounted 7.5





611.8K16.338.016 1,000 pcs

Screw-on Machine ready insertion

<---- screws



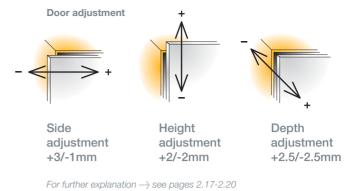


ready

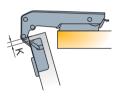
Accessories

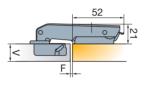
Cover caps for hinge arm

Titus 36



Mounting details





Drawings show application on D=2mm thick mounting plate

		r clearance at R=1mm urther explanation> see page 2.8 16 17 18 19 20 21 22 23 24 25											
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	
K	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	FMIN

Mounting plate drilling distance

Gap Zміл=0



Drawings show application on D=2mm thick mounting plate

Soft closing systems



Glissando TT → see page 2.82



Glissando CR → see page 2.88

T-type 170

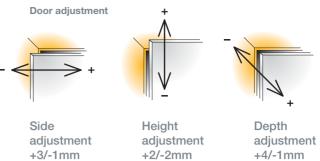
For wooden doors



Titus

38

Concealed Hinges



For further explanation -----> see pages 2.17-2.20

			ckness ion> s	table	e 2.8			
х		13	14	15	16	17	18	
	3	3	2	1	0			
	4	4	3	2	1	0		

19

0

D

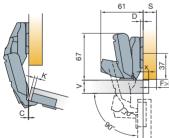
D

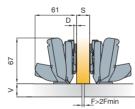
0

1

	К	4	4	3	2	1	0
->Fmin - 37	K	5		4	3	2	1
Drawings show application on D=0mm mounting plate In 90°position the door is only		6			4	3	2
 A second allocate and a second allocate and allocate an allocate and allocate and a	D=13	+K-	х				

D=13+K-x





Mounting plate drilling distance

Drawings show application on D=0mm thick mounting plate

Х		13	14	15	16	17	18	19
	3	3	2	1	0			
к	4	4	3	2	1	0		
IX.	5		4	3	2	1	0	
	6			4	3	2	1	0

Drawings show application on D=0mm thick mounting plate

7.6





Mounting details

67

Glissando TL 170



Glissando CR → see page 2.88

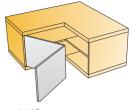
	xpiariati	ion} s	n ee page	e 2.8								F>Fmin
	16	17	18	19	20	21	22	23	24	25	26	
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	FMIN
	3 4 5	16 3 0.5 4 0.4 5 0.4	16 17 3 0.5 0.7 4 0.4 0.7 5 0.4 0.6	16 17 18 3 0.5 0.7 0.8 4 0.4 0.7 0.8 5 0.4 0.6 0.7	3 0.5 0.7 0.8 1 4 0.4 0.7 0.8 1 5 0.4 0.6 0.7 0.9	16 17 18 19 20 3 0.5 0.7 0.8 1 1.2 4 0.4 0.7 0.8 1 1.2 5 0.4 0.6 0.7 0.9 1.1	16 17 18 19 20 21 3 0.5 0.7 0.8 1 1.2 1.5 4 0.4 0.7 0.8 1 1.2 1.5 5 0.4 0.6 0.7 0.9 1.1 1.4	16 17 18 19 20 21 22 3 0.5 0.7 0.8 1 1.2 1.5 1.7 4 0.4 0.7 0.8 1 1.2 1.5 1.7 5 0.4 0.6 0.7 0.9 1.1 1.4 1.6	16 17 18 19 20 21 22 23 3 0.5 0.7 0.8 1 1.2 1.5 1.7 2.1 4 0.4 0.7 0.8 1 1.2 1.5 1.7 2.1 5 0.4 0.6 0.7 0.9 1.1 1.4 1.6 2	16 17 18 19 20 21 22 23 24 3 0.5 0.7 0.8 1 1.2 1.5 1.7 2.1 2.8 4 0.4 0.7 0.8 1 1.2 1.5 1.7 2.1 2.3 5 0.4 0.6 0.7 0.9 1.1 1.4 1.6 2 2.2	16 17 18 19 20 21 22 23 24 25 3 0.5 0.7 0.8 1 1.2 1.5 1.7 2.1 2.8 4.1 4 0.4 0.7 0.8 1 1.2 1.5 1.7 2.1 2.8 3.1 5 0.4 0.6 0.7 0.9 1.1 1.4 1.6 2 2.2 2.6	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 2.8 4.1 5.5 5 0.4 0.6 0.7 0.9 1.1 1.4 1.6 2 2.2 2.6 3.5

Gap Zмін=0



T-type For Pie-cut Corner Cabinet

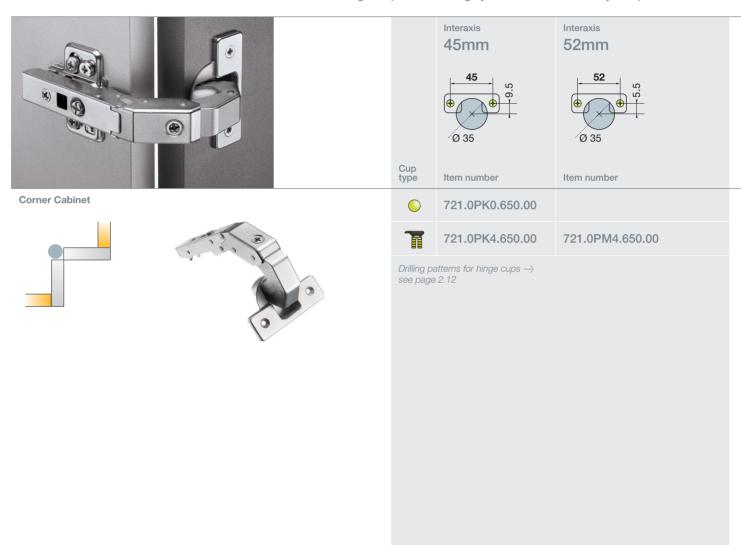
For wooden doors



· Opening angle

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

110° 35mm 11.7mm '3Way' snap-on



Cup made of steel, arm made of zinc

Accessories

Mounting plates



Cam adjustable cruciform mounting plate



Cruciform mounting plate

. -----> see page 2.46



Cam adjustable linear mounting plate

Hinge cup screws If not premounted 7.5





Push latch

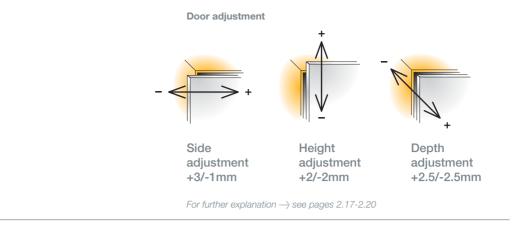
611.8K16.338.016 1,000 pcs

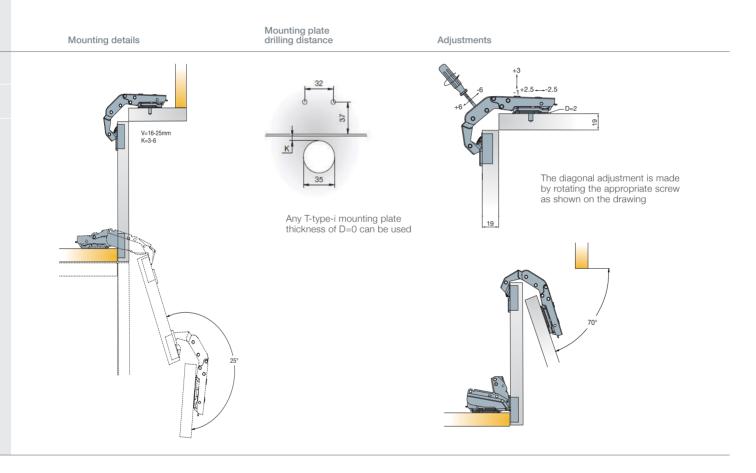
Legend of hinge cup symbols \bigcirc Ī Screw-on EasyFix





Titus 40

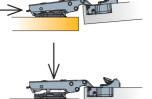


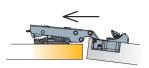


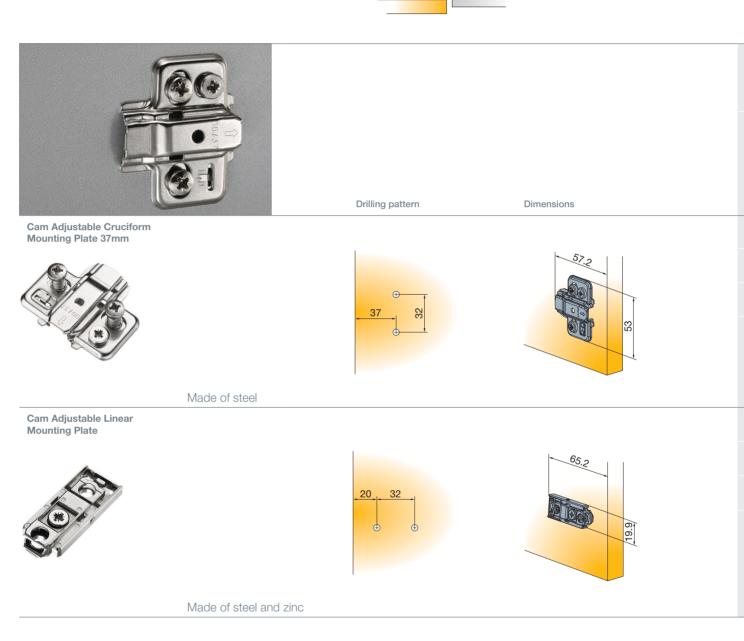


T-type Mounting Plates

'3Way' snap-on mounting



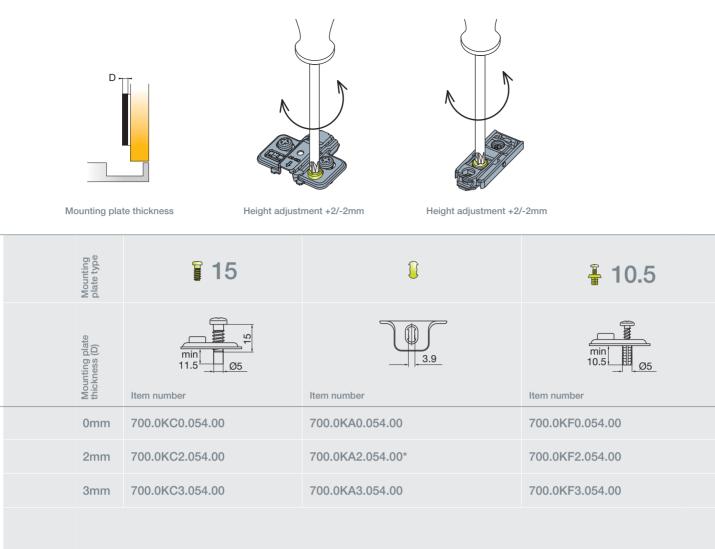




Fixing screw for cruciform mounting plate If not premounted







0mm		700.0LB0.054.00	700.0LF0.054.00	
2mm	700.0LC2.650.00	700.0LB2.054.00	700.0LF2.054.00	
3mm	700.0LC3.650.00	700.0LB3.054.00	700.0LF3.054.00	

Legend of mounting plate type symbols

15

Premounted 15mm euro screws





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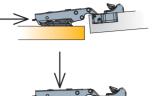


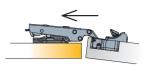


410.5

T-type Mounting Plates

'3Way' snap-on mounting





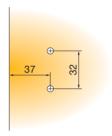


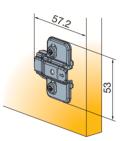
Cruciform mounting plate 37mm





Dimensions



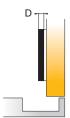


Made of steel

Fixing screw for cruciform mounting plate If not premounted











Mounting plate thickness

Height adjustment +2/-2mm

Height adjustment +2/-2mm

Mounting plate type		1 5	10.5
Mounting plate thickness (D)	Item number	min 11.5 Jtem number	min 10.5Ø5
0mm		700.0NC0.054.00	700.0NF0.054.00
1mm	700.0NA1.054.00		
2mm	700.0NA2.054.00	700.0NC2.054.00	700.0NF2.054.00
3mm	700.0NA3.054.00	700.0NC3.054.00	700.0NF3.054.00

Legend of mounting plate type symbols



Screw-on ready for chipboard screws <---- screws





15





–10.5

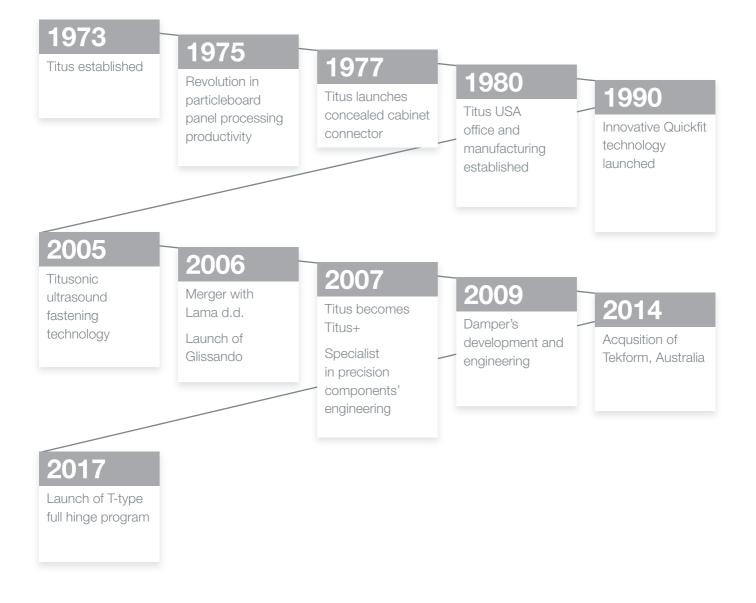
Titus Tekform Company Profile

Titus Group

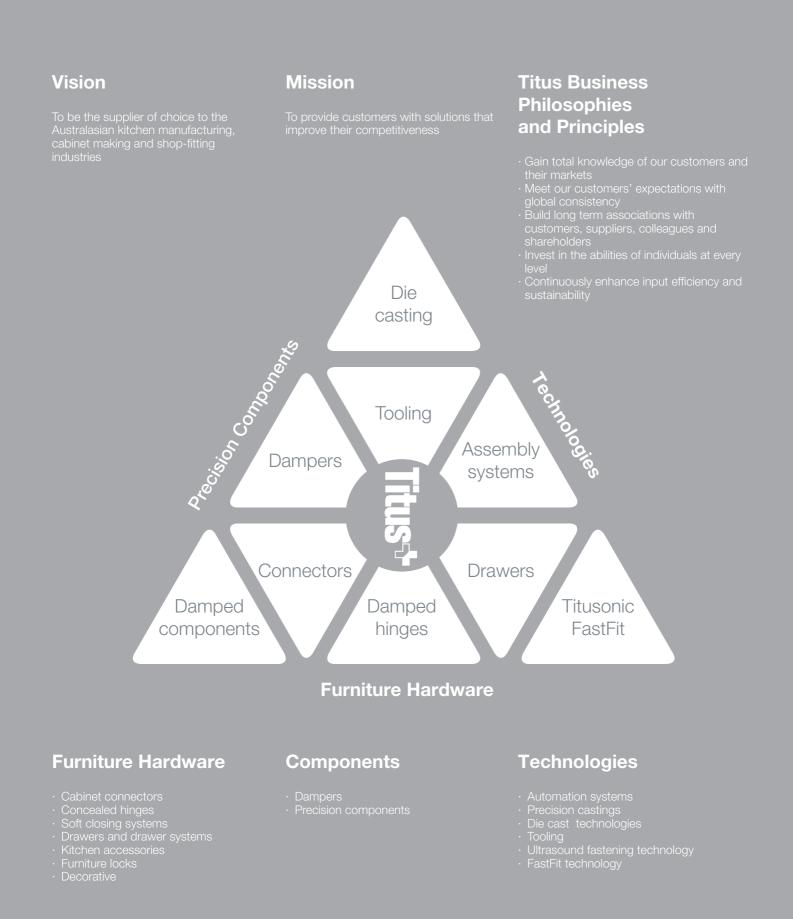
Titus focuses on the design, manufacture and distribution of connectors, concealed hinges, drawers and soft closing mechanisms in furniture and household appliances.

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

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



Titus Tekform



'Totally Integrated Engineering'

Product Design

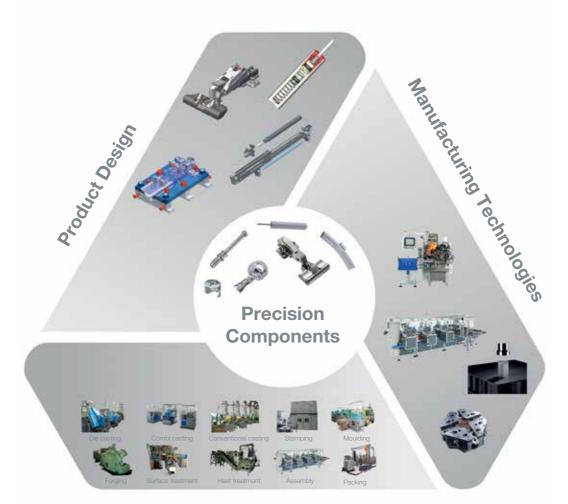
Design and engineering of unique components Consistent and repeatable product quality

Manufacturing Technologies

to improve productivity and product quality

Manufacturing Operations

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



Manufacturing Operations

Fittings for purpose

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

Innovations that improve

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

Fast time-to-market

Quality

Continuous Improvement

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

Quality

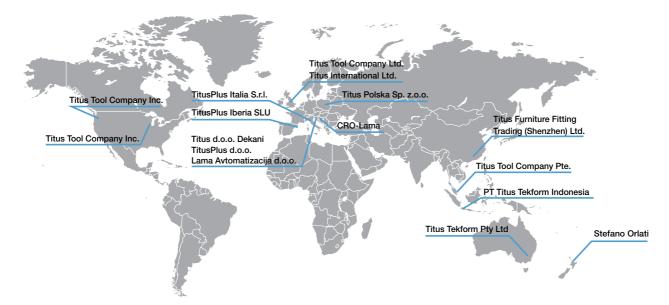
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

Products

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



Global player Worldwide design, manufacturing and distribution capabilities



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Titus T-type Hinge AU 2017