

TITUS

# Tera Black

TITUS ENHANCED RESISTANCE APPLICATION

2021

# 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.

## **Trademarks**

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# Tera Black

TITUS ENHANCED RESISTANCE APPLICATION



TeraBlack

**Absolute**



# matte

TeraBlack products have a light absorbing microstructure which provides a smooth uniform surface with the velvet feel and a unique black, non reflective, matte finish that makes the object disappear.

TeraBlack finish provides exceptional corrosion resistance and consistency throughout the lifecycle of the product.

TeraBlack

# Engineered for

Uniform surface that absorbs light and reduces reflection combining black matte colour together with a special anti-corrosion protection.



# purpose

TeraBlack is more than just another colour option.  
It is a uniquely durable finish with lasting good looks.  
It is an engineered solution supported by highly controllable,  
repeatable and efficient manufacturing process allowing for  
consistency throughout the lifecycle of the product.



Tera Black

# Absolute





# versatility

Take the design and performance of your furniture to the next level with Titus TeraBlack product range.

TeraBlack with highly uniform black matte surface, without any reflections, complements all - standard and trendy - furniture designs in kitchens, bedrooms, living rooms, bathrooms and office.



Titus launched TeraBlack product range, with hugely popular T-type hinge as the lead product, following the whole range of fittings, including push latches, shelf supports, joining plates, connectors and more.



	Cranking	Opening angle	Cup type	Page
<b>T-type hinges</b>				
T-type-i 110	0 mm	110°	for wood door	18
	5 mm	110°	for wood door	18
	9 mm	110°	for wood door	20
	17 mm	110°	for wood door	20
T-type-i 110/45°	9 mm	110°	for wood door	22
T-type-i 110/90°	17 mm	110°	for wood door	26
T-type 170	0 mm	170°	for wood door	28
T-type for Pie-cut Corner cabinet			for wood door	30
T-type Mounting Plates				32
Cover Caps				34
<b>Cabinet accessories</b>				
Glissando TL 170				40
Push Latch				42
Joining Plates				44
Cam5000				45
Shelf Support				46

# Concealed Hinges

## Drilling Patterns

### Drilling Patterns for Hinge Cup

Interaxis  
45mm and 48mm

- T-type

	Interaxis 45mm	Interaxis 48mm
Hinge cup type	Drilling pattern	Drilling pattern
 Screw-on ready		
 Pre-mounted Ø4.5mm screws		
 Machine insertion ready		
 Pre-mounted expando dowels		
 Easy-fix system		
 Pre-mounted euro screws		

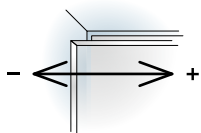
Interaxis is the distance between two holes center for fixing screws on the hinge cup.



# Concealed Hinges

## Adjustment

### Side Adjustment

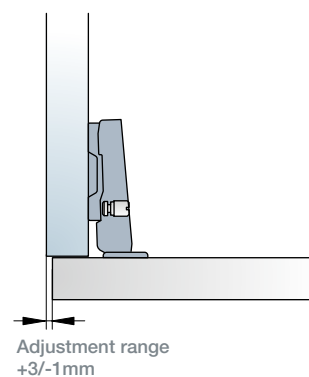
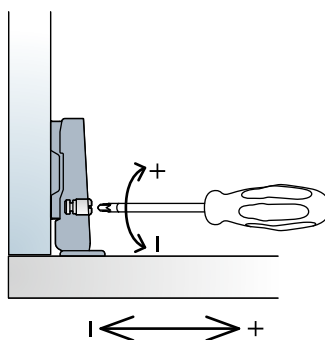
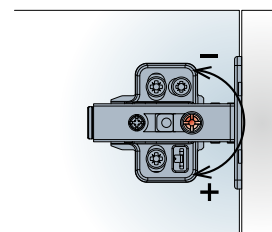


The side adjustment aligns the door with the side of the cabinet.

#### By rotating the adjustment screw

T-type

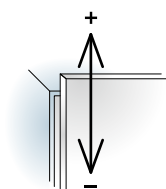
The side adjustment is made by rotating the screw on the hinge arm.



# Concealed Hinges

## Adjustment

### Height Adjustment

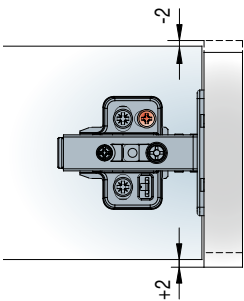
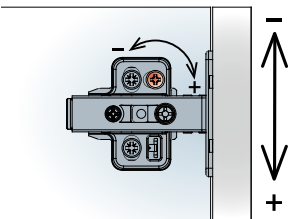


Height adjustment is necessary to achieve optimal vertical door position.

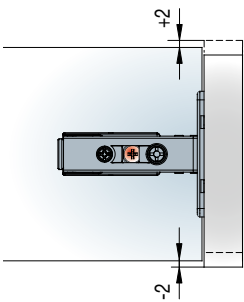
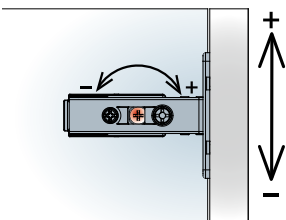
#### By rotating the cam adjuster

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

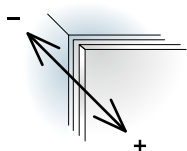
T-type with cam adjustable cruciform mounting plate



T-type with cam adjustable horizontal mounting plate



## Depth Adjustment

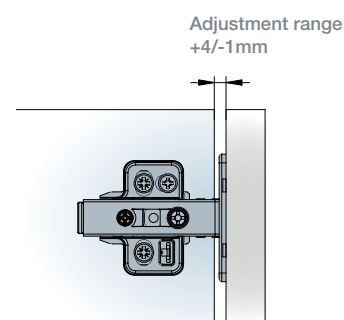
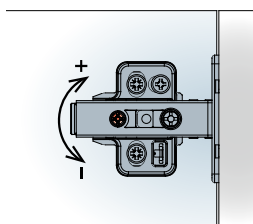


The system enables easy adjustment of the gap between door and cabinet.

### By rotating the cam adjuster

Rotate the cam adjuster on the hinge arm.

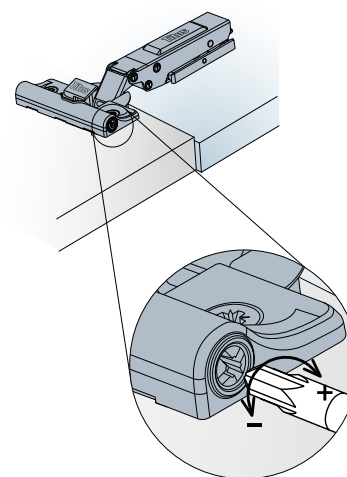
T-type



## Damping Adjustment

T-type-i 110

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



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

**TeraBlack**

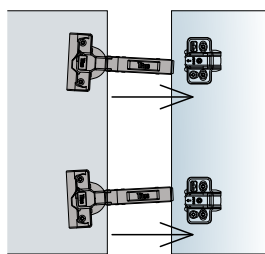


# T-type



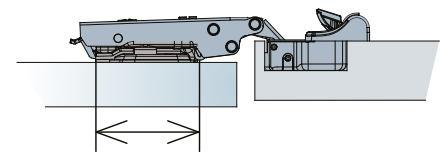
## Easy door installation even in cases of 3-5 hinges per door

- Easy and quick assembly and disassembly
- Flexibility for the furniture user



## Highly tolerant

- Efficient performance in marginal values of tolerances
- Reliable door closing in case of accidental misalignment
- ConfidentClose assured

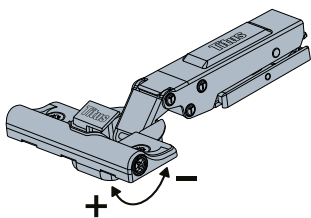


## Rigidity

- Hinge-to-plate attachment assures stability and rigidity
- Smooth performance
- Tight hinge-to-plate joint improves hinge stability and reduces door sag



# Hinges



## 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

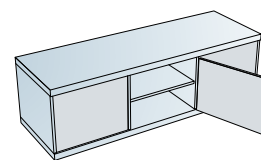
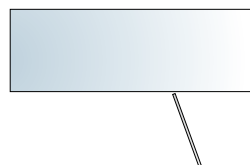
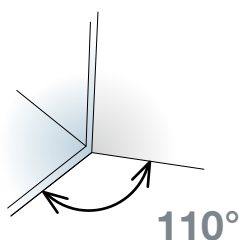


## Proven Glissando concept

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

# TeraBlack T-type-i 110

For wood doors



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

110°  
35mm  
12mm  
3Way snap-on



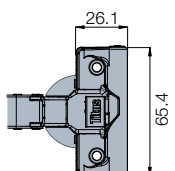
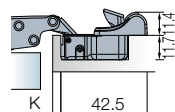
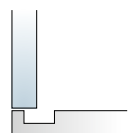
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	701-0AT0-956	701-0AS0-956
	701-0AT4-956	701-0AS4-956

Drilling patterns for hinge cups → see page 12

Cranking

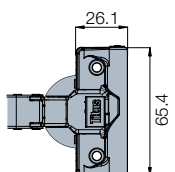
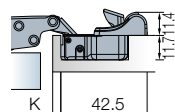
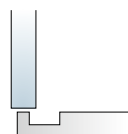
0mm



Made of steel

Cranking

5mm



Made of steel

	701-0BT0-956	701-0BS0-956
	701-0BT4-956	701-0BS4-956

Drilling patterns for hinge cups → see page 12

## Mounting plates

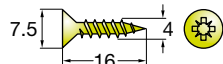


Cam adjustable cruciform mounting plate  
→ see page 32



Cam adjustable horizontal mounting plate  
→ see page 34

## Hinge cup screws If not pre-mounted



820-6328-956

10000 Pcs



For cranking  
0mm



For cranking  
0mm, 5mm,  
9mm, 17mm

Cover caps for hinge arm  
→ see page 34

## Legend of hinge cup symbols

Screw-on ready  
← screws

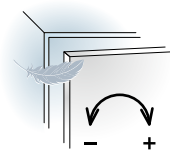


Hinge angle restrictor

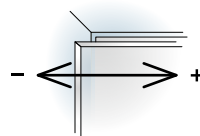
248-4668-380 200 Pcs

→ see Furniture Fittings Systems catalogue  
page 2.175

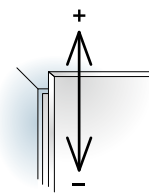
Damping adjustment



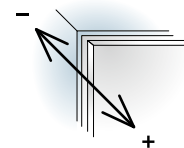
Door adjustment



Side  
adjustment  
+3/-1mm



Height  
adjustment  
+2/-2mm

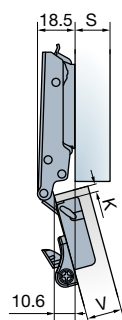


Depth  
adjustment  
+4/-1mm

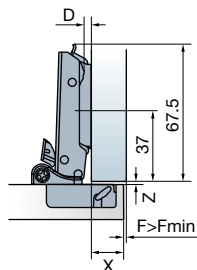
For further explanation → see page 15

For further explanation → see pages 13-15

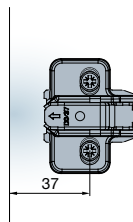
Mounting  
details



Drawing show application on  
D=0mm thick mounting plate



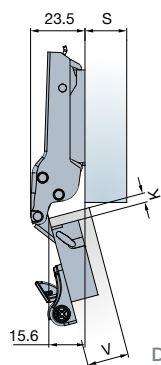
Mounting plate  
drilling distance



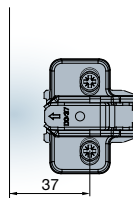
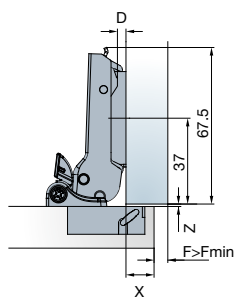
Mounting plate thickness table

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

$$D=13+K-x$$



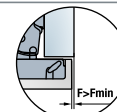
Drawing show application on  
D=0mm thick mounting plate



x	8	9	10	11	12	13	14
K	3	2	1	0			
	4	3	2	1	0		
	5	4	3	2	1	0	
	6		4	3	2	1	0

$$D=8+K-x$$

Door clearance at R=1mm



V		16	17	18	19	20	21	22	23	24	25	26	
K	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	F <sub>MIN</sub>

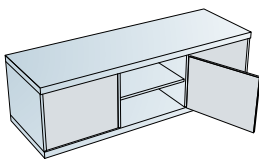
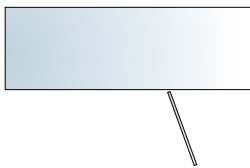
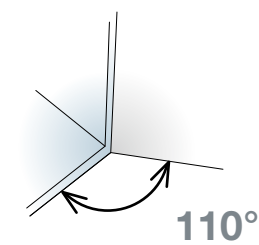
Gap  $Z_{MIN}=0$



Push Latch  
→ see page 40

# TeraBlack T-type-i 110

For wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



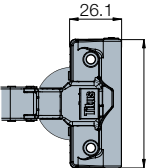
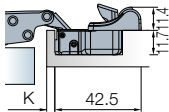
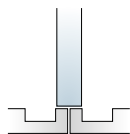
Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	701-OCT0-956	701-OCS0-956
	701-OCT4-956	701-OCS4-956

Drilling patterns for hinge cups → see page 12

Cranking

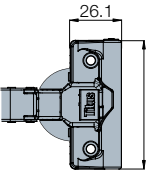
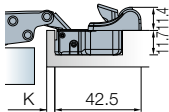
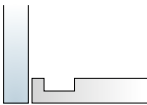
9mm



Made of steel

Cranking

17mm



Made of steel

	701-ODT0-956	701-ODS0-956
	701-ODT4-956	701-ODS4-956

Drilling patterns for hinge cups → see page 12

## Mounting plates



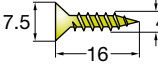
Cam adjustable cruciform mounting plate  
→ see page 32



Cam adjustable horizontal mounting plate  
→ see page 34

## Hinge cup screws

If not pre-mounted



820-6328-956

10000 Pcs



Cover caps for hinge arm  
→ see page 34



Hinge angle restrictor

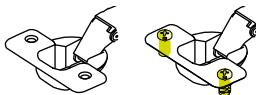
248-4668-380 200 Pcs

→ see Furniture Fittings Systems catalogue page 2.175

## Legend of hinge cup symbols

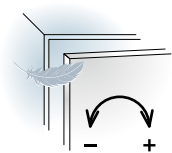
Screw-on ready  
← screws

EasyFix system

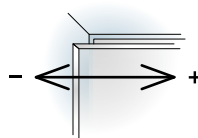




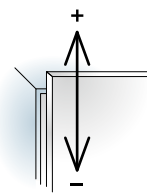
### Damping adjustment



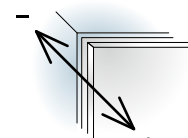
### Door adjustment



Side  
adjustment  
+3/-1mm



Height  
adjustment  
+2/-2mm

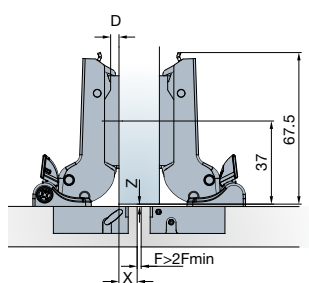
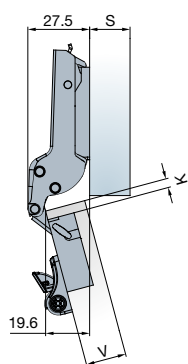


Depth  
adjustment  
+4/-1mm

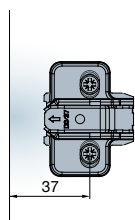
For further explanation → see page 15

For further explanation → see pages 13-15

### Mounting details



### Mounting plate drilling distance

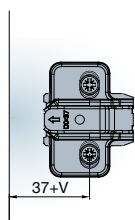
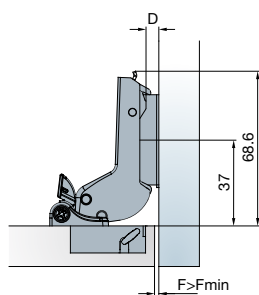
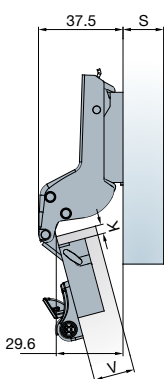


### Mounting plate thickness table

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 show application on  
D=0mm 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	

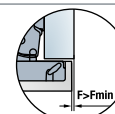
$$D=-4+K+F$$

Drawing show application on  
D=2mm thick mounting plate



Push Latch  
→ see page 40

### Door clearance at R=1mm



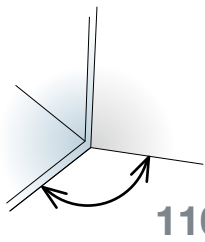
V	16	17	18	19	20	21	22	23	24	25	26
3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9

Gap  $Z_{MIN}=0$

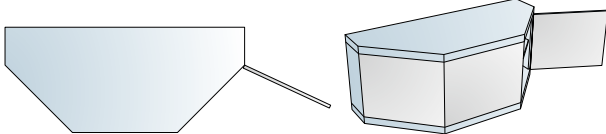
# TeraBlack

## T-type-i 110/45°

45° angled application for wood doors



110°




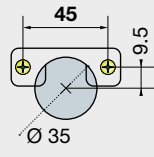
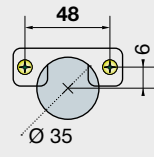
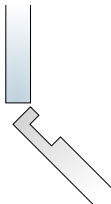

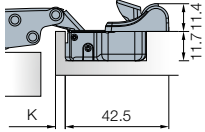
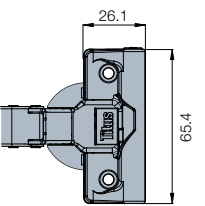

- Opening angle
- Drilling diameter for hinge cup
- Drilling depth
- Hinge on plate mounting system

110°

35mm

12mm

3Way snap-on

	Technical details		Interaxis 45mm	Interaxis 48mm
	 		Cup type	Item number
<div> <div>           Cranking 9mm         </div>     </div>	Cup made of steel, arm made of zinc			Item number
	Drilling patterns for hinge cups → see page 12		701-0D82-961	701-0D84-961

Mounting plates



Cam adjustable cruciform mounting plate  
→ see page 32



Cam adjustable horizontal mounting plate  
→ see page 34

Hinge cup screws  
If not pre-mounted




820-6328-956



10000 Pcs

Legend of hinge cup symbols



Screw-on ready



screws






Cover caps for hinge arm  
→ see page 34



Hinge angle restrictor

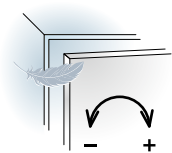
248-4668-380



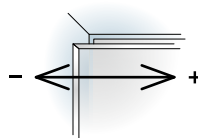
200 Pcs

→ see Furniture Fittings Systems catalogue  
page 2.175

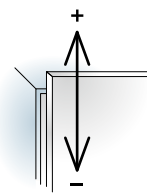
### Damping adjustment



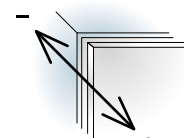
### Door adjustment



Side  
adjustment  
+3/-1mm



Height  
adjustment  
+2/-2mm

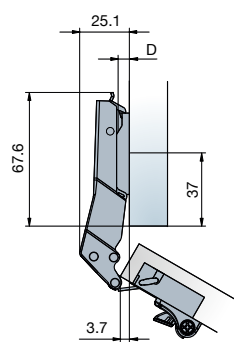


Depth  
adjustment  
+2.5/-2.5mm

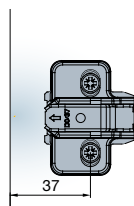
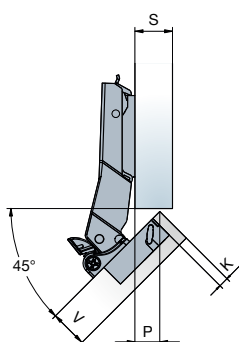
For further explanation → see page 15

For further explanation → see pages 13-15

### Mounting details



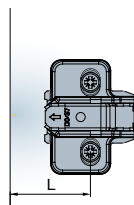
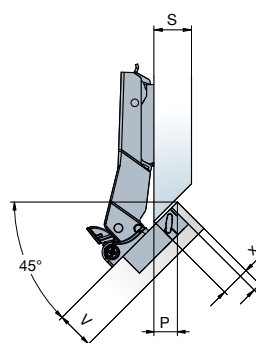
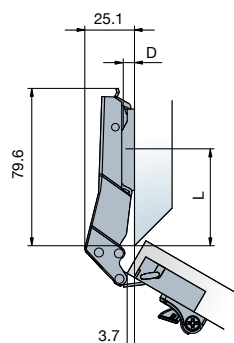
### Mounting plate drilling distance



### Mounting plate thickness table

P	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5
3	4		3		2		1		0					
4			4		3		2		1		0			
5				4		3		2		1		0		
6						4		3		2		1		0

Drawings show application on  
D=0mm mounting plate

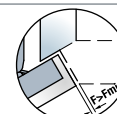


X	10	11	12	13	14	15	16	17
3	4	3	2	1	0			
4		4	3	2	1	0		
5			4	3	2	1	0	
6				4	3	2	1	0

Drawings show application on  
D=0mm mounting plate

L=49 for thickness D=0  
L=48 for thickness D=1  
L=47 for thickness D=2  
L=46 for thickness D=3  
L=45 for thickness D=4

### Door clearance at R=1mm



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

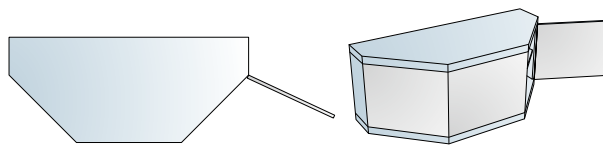
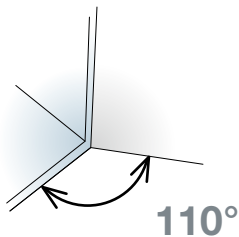
Gap Z<sub>MIN</sub>=0



Push Latch  
→ see page 40

# T-type-i 110/45°

## 45° angled application for wood doors



- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

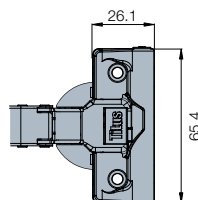
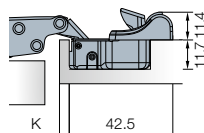


## Technical details

	<p>Interaxis <b>45mm</b></p>	<p>Interaxis <b>48mm</b></p>
Cup type	Item number	Item number
	<b>701-0B08-961</b>	<b>701-0B10-961</b>

Drilling patterns for hinge cups → see page 12

Cranking  
**17mm**



Cup made of steel, arm made of zinc

### Mounting plates

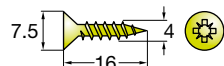


Cam adjustable cruciform mounting plate  
..... see page 32



Cam adjustable horizontal  
mounting plate  
..... see page 34

**Hinge cup screws**  
*If not pre-mounted*



820-6328-956



10000 Pcs

Cover caps for hinge arm  
→ see page 34

### Legend of hinge cup symbols



Screw-on  
ready  
← screws



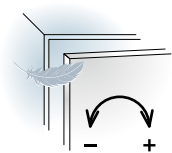
Hinge angle restrictor

248-4668-380  200 Pcs

→ see *Furniture Fittings Systems* catalogue  
page 2.175

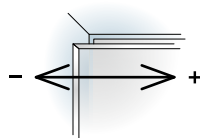


### Damping adjustment

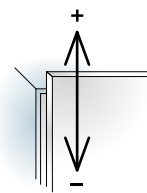


For further explanation → see page 15

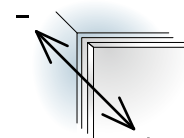
### Door adjustment



Side  
adjustment  
+3/-1mm



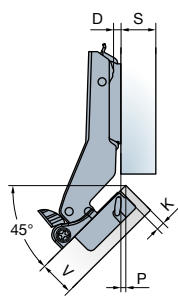
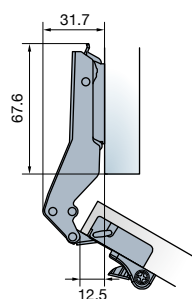
Height  
adjustment  
+2/-2mm



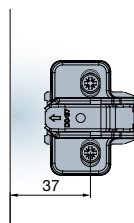
Depth  
adjustment  
+2.5/-2.5mm

For further explanation → see pages 13-15

### Mounting details



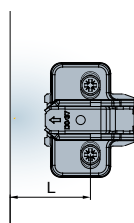
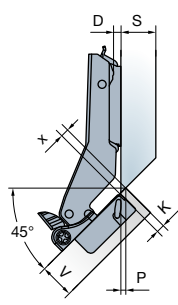
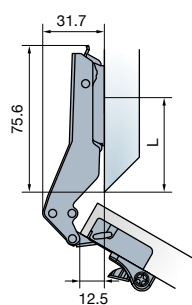
### Mounting plate drilling distance



### Mounting plate thickness table

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

Drawings show application on  
D=0mm mounting plate



### X

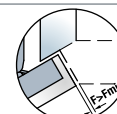
X	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
K	3	2		1			0					
	4		2		1			0				
	5		3		2		1			0		
	6	4		3		2		1			0	D

Drawings show application on  
D=0mm mounting plate

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

### Door clearance at R=1mm

For further explanation → see page 2.12



Push Latch  
→ see page 40

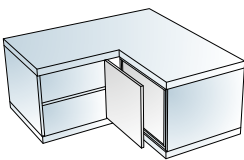
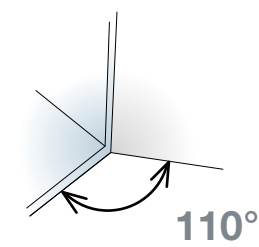
V	16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9
												F <sub>MIN</sub>

Gap Z<sub>MIN</sub>=0

# TeraBlack

## T-type-i 110/90°

For wood door cabinets with blind panels

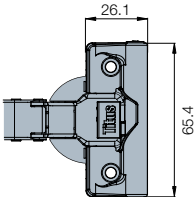
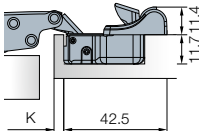
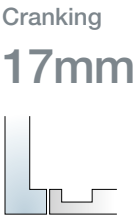


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

	Interaxis 45mm	Interaxis 48mm
Cup type		
Item number	701-0A96-961	701-0A98-961



Drilling patterns for hinge cups → see page 12

Cup made of steel, arm made of zinc

### Mounting plates



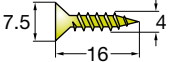
Cam adjustable cruciform mounting plate  
→ see page 32



Cam adjustable horizontal mounting plate  
→ see page 34

### Hinge cup screws

If not pre-mounted



820-6328-956

10000 Pcs

Cover caps for hinge arm  
→ see page 34



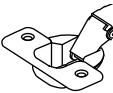
### Hinge angle restrictor

248-4668-380 200 Pcs

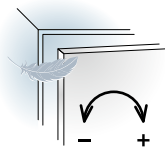
→ see Furniture Fittings Systems catalogue  
page 2.175

### Legend of hinge cup symbols

Screw-on ready  
← screws

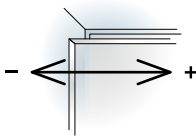


Damping adjustment

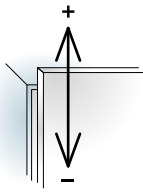


For further explanation → see page 15

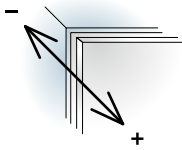
Door adjustment



Side adjustment  
+2.5/-2.5mm



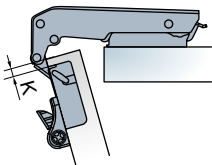
Height adjustment  
+2/-2mm



Depth adjustment  
+3/-1mm

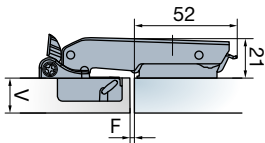
For further explanation → see pages 13-15

Mounting details

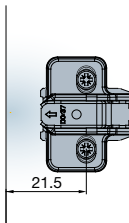


Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance

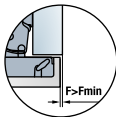


Drawing shows application on D=2mm mounting plate



Push Latch  
→ see page 40

Door clearance at R=1mm

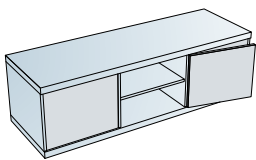
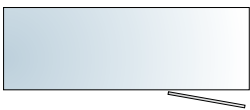
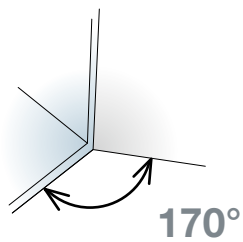


V		16	17	18	19	20	21	22	23	24	25	26
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9 F <sub>MIN</sub>

Gap Z<sub>MIN</sub>=0

# TeraBlack T-type 170

For wood doors

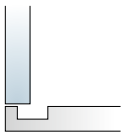


- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Cranking

0mm



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	702-0EK0-956	702-0EL0-956

Drilling patterns for hinge cups → see page 12

Made of steel and zinc

### Mounting plates

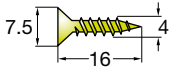


Cam adjustable cruciform mounting plate  
→ see page 32



Cam adjustable horizontal mounting plate  
→ see page 34

### Hinge cup screws If not pre-mounted



820-6328-956  
10000 Pcs

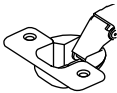


Hinge angle restrictor  
248-4672-380 200 Pcs

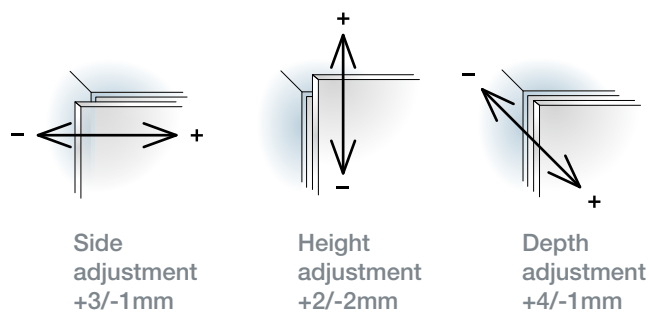
→ see Furniture Fittings Systems catalogue page 2.175

### Legend of hinge cup symbol

Screw-on ready  
← screws

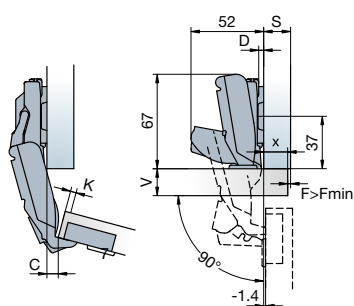


# Door adjustment



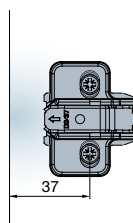
For further explanation → see pages 13-15

## Mounting details



Drawings show application on  
D=0mm mounting plate  
No protrusion in 90° position

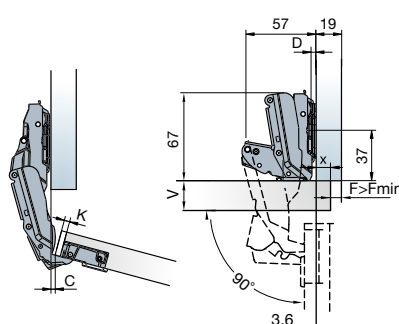
## Mounting plate drilling distance



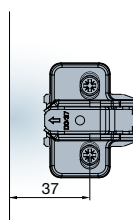
## Mounting plate thickness table

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

$$D=13+K-x$$



Drawings show application on  
D=0mm mounting plate



x	8	9	10	11	12	13	14
3	3	2	1	0			
4	4	3	2	1	0		
5		4	3	2	1	0	
6			4	3	2	1	0

$$D=8+K-x$$

## Soft closing systems

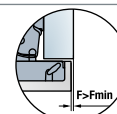


Glissando TL 170  
→ see page 38



Push Latch  
→ see page 40

## Door clearance at R=1mm



V	16	17	18	19	20	21	22	23	24
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1

Gap  $Z_{MIN}=0.5$

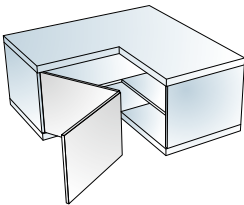


# TeraBlack

## T-type for Pie-cut

### Corner Cabinet

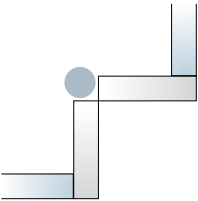
For wood doors



- Opening angle 70°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11mm
- Hinge on plate mounting system 3Way snap-on



Corner cabinet



	Interaxis 45mm	Interaxis 48mm
Cup type	Item number	Item number
	721-0PK0-961	721-0PL0-961

Drilling patterns for hinge cups → see page 12

Cup made of zinc, arm made of steel

#### Mounting plates



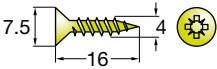
Cam adjustable cruciform mounting plate  
→ see page 32



Cruciform mounting plate  
→ see page 34

#### Hinge cup screws

If not pre-mounted



820-6328-956

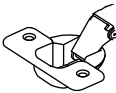
10000 Pcs



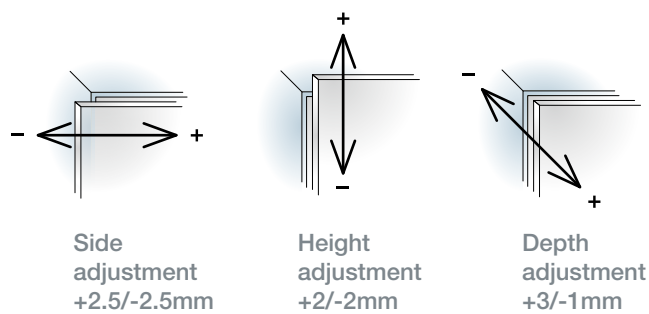
Cover caps for hinge arm  
→ see page 34

#### Legend of hinge cup symbols

Screw-on ready  
← screws

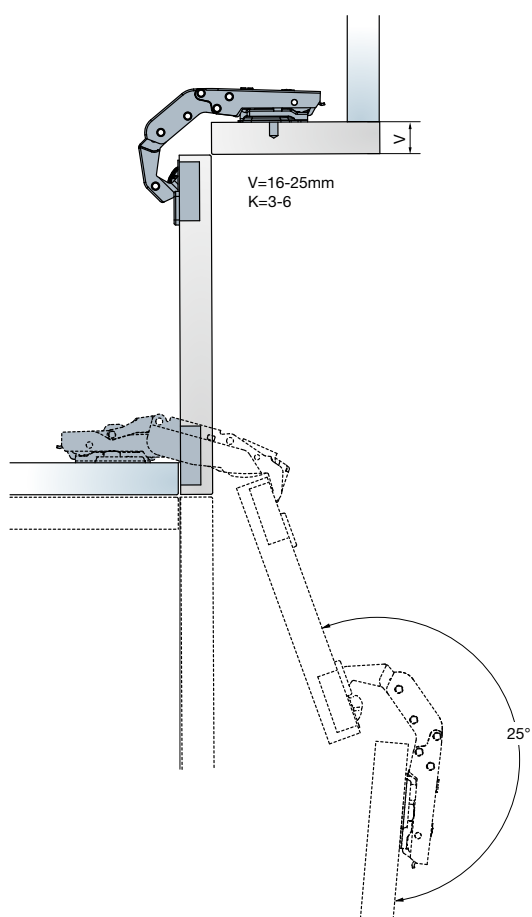


Door adjustment

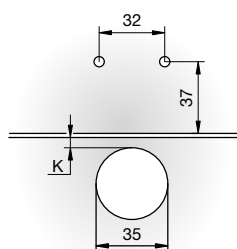


For further explanation → see pages 13-15

Mounting details

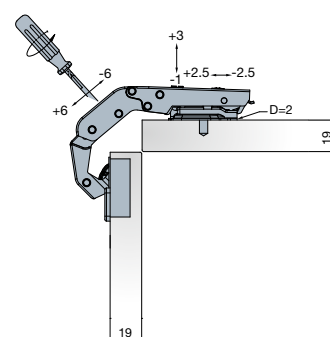


Mounting plate drilling distance

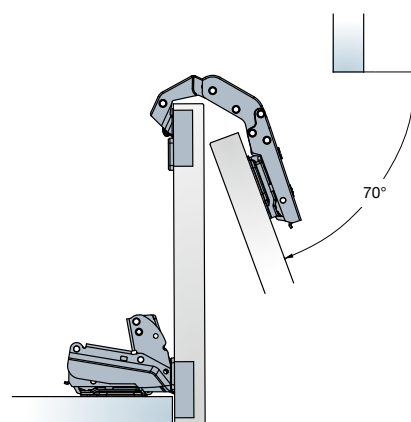


Any T-type mounting plate can be used

Adjustments



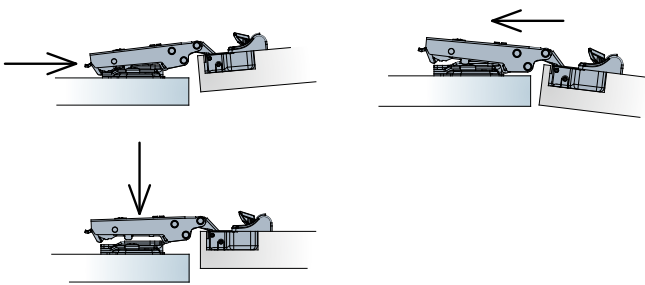
The adjustment of the gap between two doors is done by rotating the adjustment screw as shown on the drawing



# TeraBlack

## T-type Mounting Plates

3Way snap-on mounting

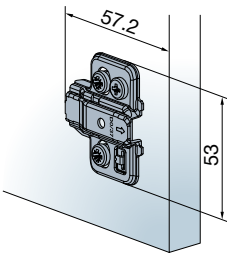
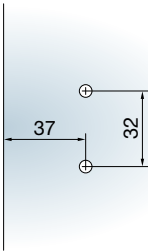


Cam adjustable cruciform mounting plate 37mm



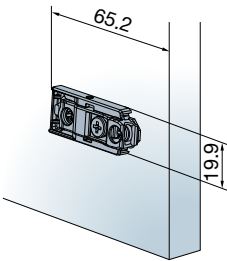
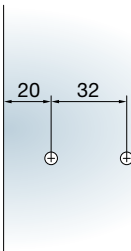
Drilling pattern

Dimensions

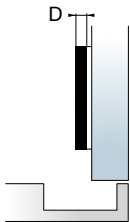


Made of steel

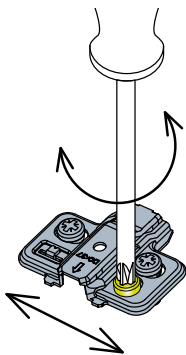
Cam adjustable horizontal mounting plate



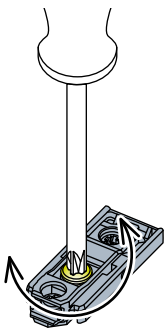
Made of steel and zinc




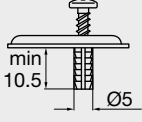
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type	 15	 10.5	
Mounting plate thickness (D)			
Item number			
0mm	700-0KC0-956	700-0KF0-956	
2mm	700-0KC2-956	700-0KF2-956	
3mm	700-0KC3-956	700-0KF3-956	
0mm	700-0LC0-961	700-0LF0-961	
2mm	700-0LC2-961	700-0LF2-961	
3mm	700-0LC3-961	700-0LF3-961	

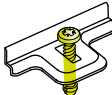
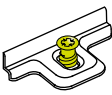
Legend of mounting plate type symbols



Pre-mounted  
15mm euro screws





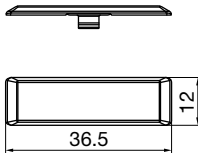
Pre-mounted  
10.5mm  
expanding dowels


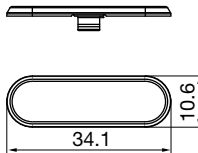


# TeraBlack

## T-type Cover Caps

For hinge arms

		Technical details				
			Plate type	Material/ surface	Item number	TeraBlack
T-type hinge arm cover cap		 	Neutral	steel	728-1283 →	956
			Titus	steel	728-1286 →	956
Made of steel			For T-type 110, 0mm			

T-type hinge arm cover cap		 	Neutral	steel	728-1284 →	956
			Titus	steel	728-1287 →	956
Made of steel			For T-type 110 0mm, 5mm, 9mm, 17mm			





# Cabinet



## Glissando TL 170

- Add-on soft closing system
- Tool-less mounting onto the hinge cup
- Adjustable damping
- Unique solution for wide angle hinges



## Push Latch

- Sophisticated look of cabinets without handles
- Intuitive mounting using standard drilling patterns
- Depth adjustment feature
- Safety detachment feature



## Joining plates

- Intuitive positioning and mounting
- No pre-drilling
- Consistent and accurate door alignment
- Compact design for strong joint

# Accessories



## Shelf supports

- Improved cabinet design
- Tool-free insertion
- Less visible holes in the cabinet
- Stable cabinet construction

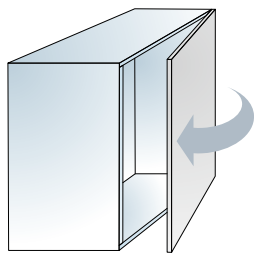
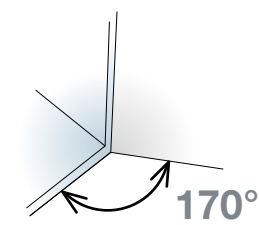


## Cam5000

- Highly resistant joint
- Reliable and comfortable locking
- Secure positioning in hole
- Optimal performance with all Titus dowels

# TeraBlack Glissando TL 170

Add-on Hinge Soft Closing  
System for T-type 170



Glissando TL 170 snap-on

Technical details

Hinge  
opening angle

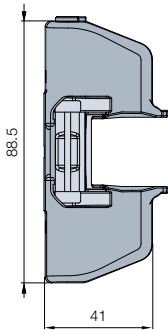
Item number

170°

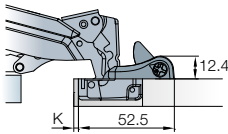
951-0F15-961



Soft closing mechanism



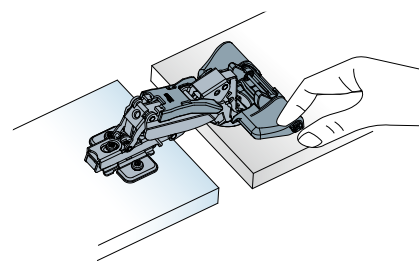
Striking plate



Made of steel and plastic

- Gentle and reliable soft closing on doors with wider opening angle
- Fits perfectly 45/9.5mm and 48/6mm hinge cups
- Furniture consumers' preferred ConfidentClose
- Toolless mounting

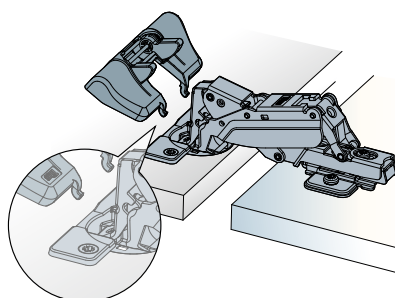
#### Damping adjustment



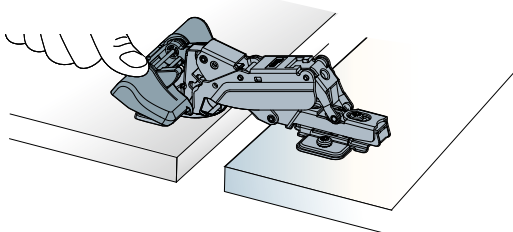
Turn towards '+' to increase and '-' to decrease the damping

#### Mounting details

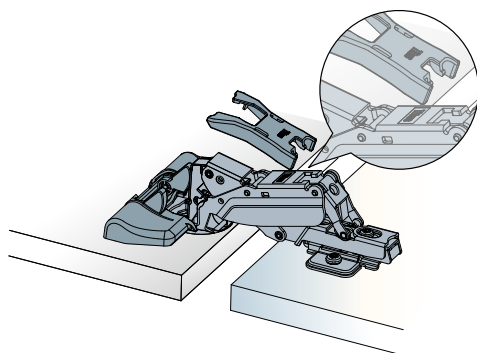
##### Toolless mounting



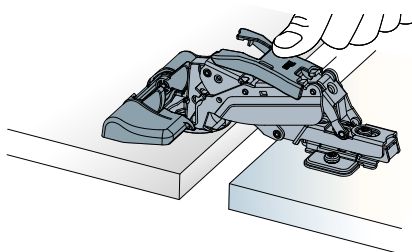
Insert Glissando TL 170 into the holes on the hinge cup



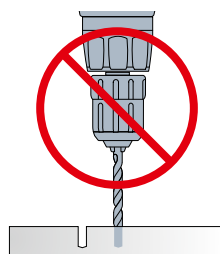
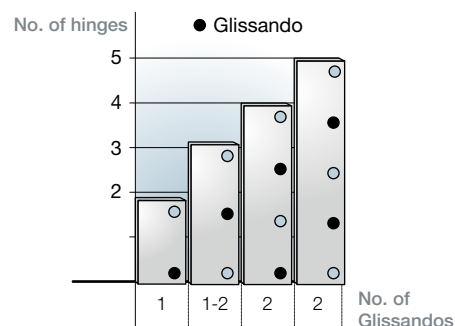
Press down



Place the striking plate into the hole on the hinge arm



Press down

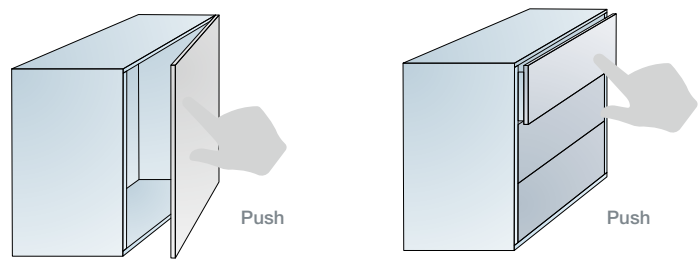


No additional drilling is required

Recommended number per door and positioning

# TeraBlack Push Latch

For wood doors and drawers



PushLatch



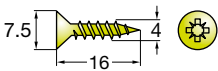
Push Latch



Linear mounting plate

Made of steel and plastic

Fixing screws for mounting plates



Chipboard screws  
820-6328-050

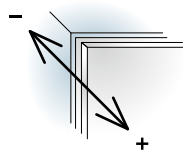
10000 Pcs

Spring force [N] (released)	Spring force [N] (loaded)	Item number	TeraBlack
10	20	915-0X59 →	383
		915-4175 →	383
Set consists of:			
Linear m. plate and Push Latch			
915-0X59-383-K2			



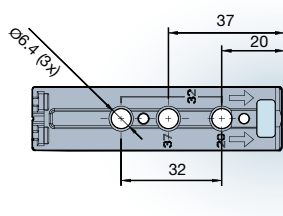
- Effortless opening with just a light touch
- Depth adjustment ensures reliable closing and consistent performance in case of inaccurate drilling
- 'Safety click' feature for easy detachment of the mechanism from its mounting plate

Door adjustment

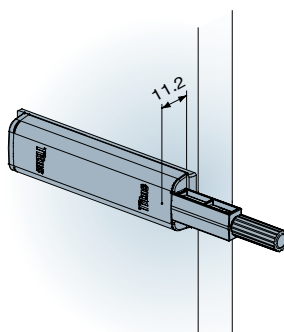


Depth adjustment  
+4.5/-1mm

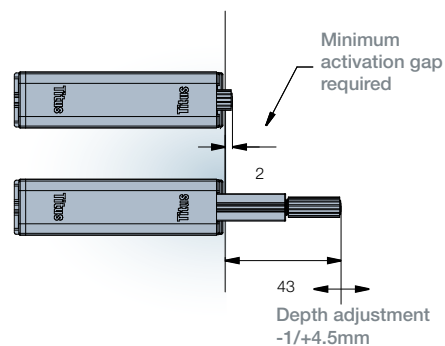
Drilling pattern



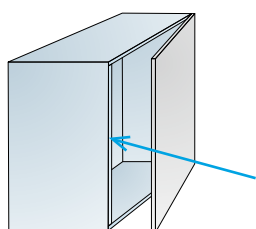
Dimensions



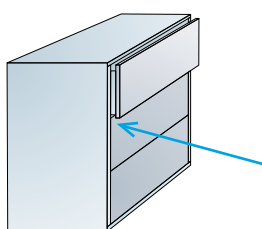
Depth adjustment



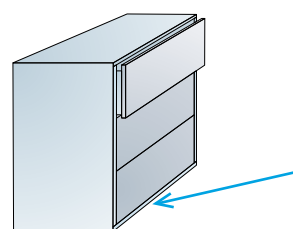
Positioning



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



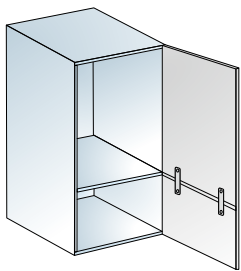
On the cabinet side; gap between  
drawer and cabinet side 12mm min





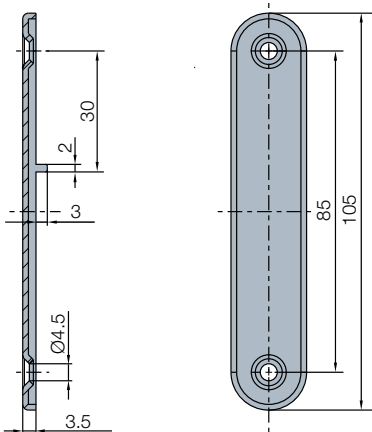

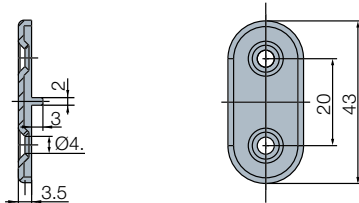
On the drawer bottom; in  
the middle of drawer

# TeraBlack

## Joining Plates



- Rigid and strong
- No pre-drilling
- Spacer pegs provide an even 2mm gap
- Sleek design


		Technical details		Item number	TeraBlack
Joining plate 105mm		  Made of steel		360-1222 →	956
Joining plate 43mm				360-1230 →	956
  Made of steel					

Fixing screws for mounting plates



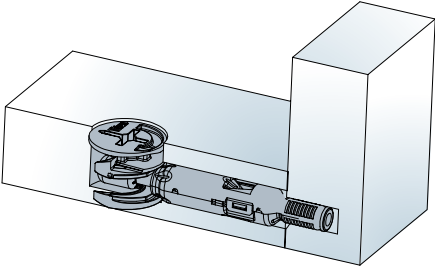


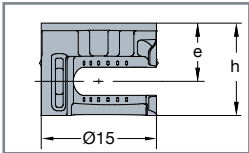
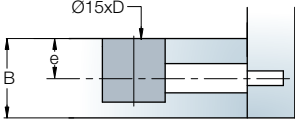


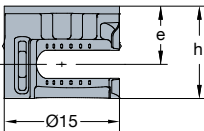
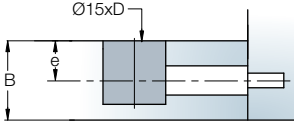
Chipboard screws

820-6328-956


10000 Pcs

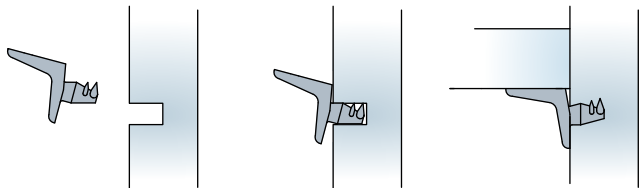
# TeraBlack Cam5000

- Improved central shape for highly resistant joint
- Suitable for use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam retaining pips ensure that cam is held in panel position prior to assembly

<div>  <p>Technical and mounting details</p> </div>		B	D	e	h		
		Panel thickness	Drilling depth	Drilling for dowel	Cam height	Item number	TeraBlack
<div> <p>Cam5000 cross drive</p> <p>PZ2 drive </p>    <p>Made of zinc</p> </div>		12/13	10.5	6 min.	9.9	09695 →	959
		15/16	12.5	7.5-8	11.9	09690 →	959
<div> <p>Cam5000 hexagonal drive</p> <p>combined drive with HEX </p>    <p>Made of zinc</p> </div>		18/19	14	9-9.5	13.2	09692 →	959

# TeraBlack Shelf Support

Mounting procedure:



		Technical and mounting details	Item number	TeraBlack
<p>Shelf support with Ø 5 pin</p> 	 <p>Made of zinc</p>		01916 →	959
<p>Shelf support with Ø 3 pin</p> 	 <p>Made of zinc</p>		01912 →	959
<p>Shelf support</p> 	 <p>Made of zinc</p>		01911 →	959
<p>Shelf support with Ø 5 pin</p> 	 <p>Made of zinc</p>		01910 →	959





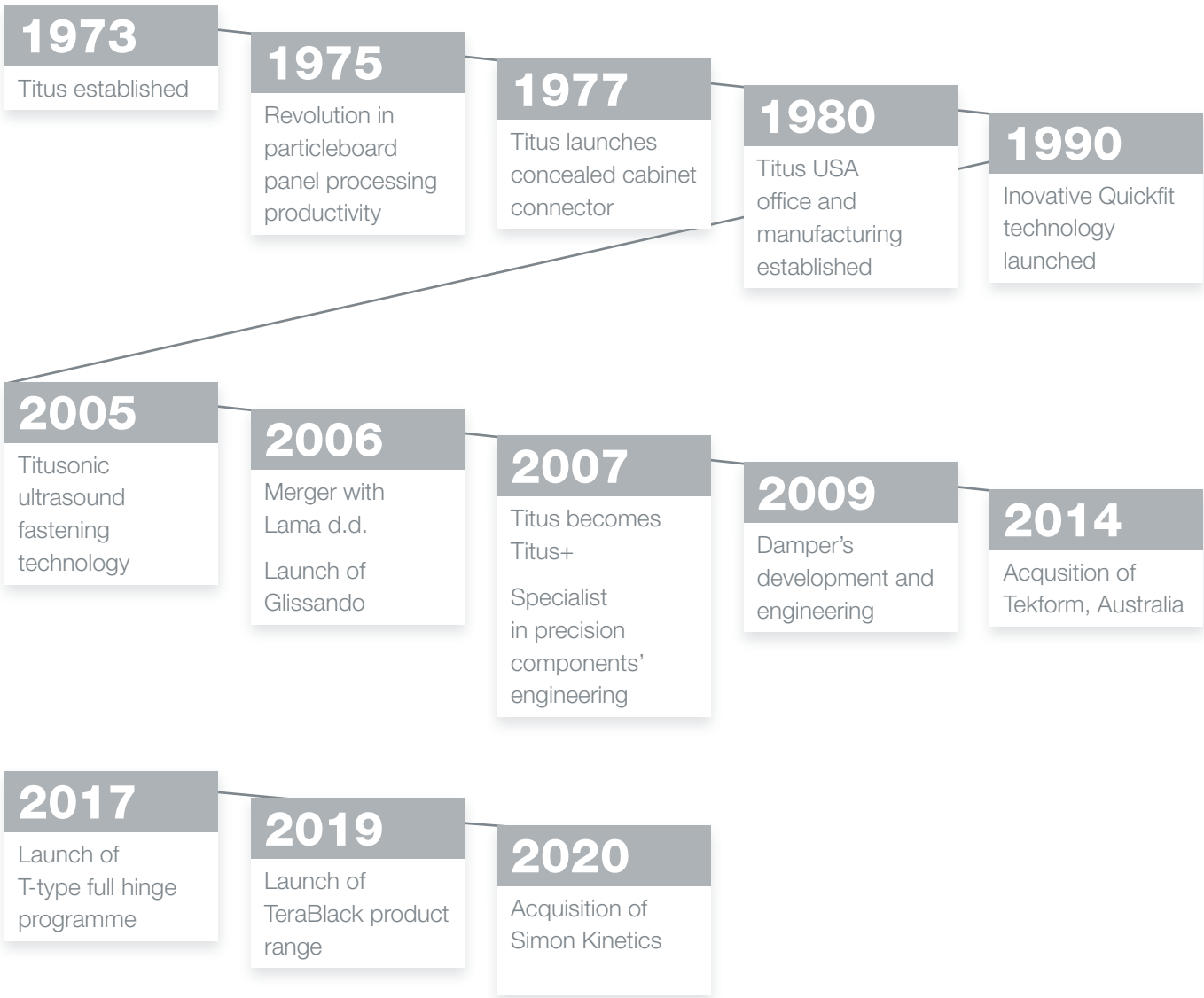


# The Titus Group Profile

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**



## Vision

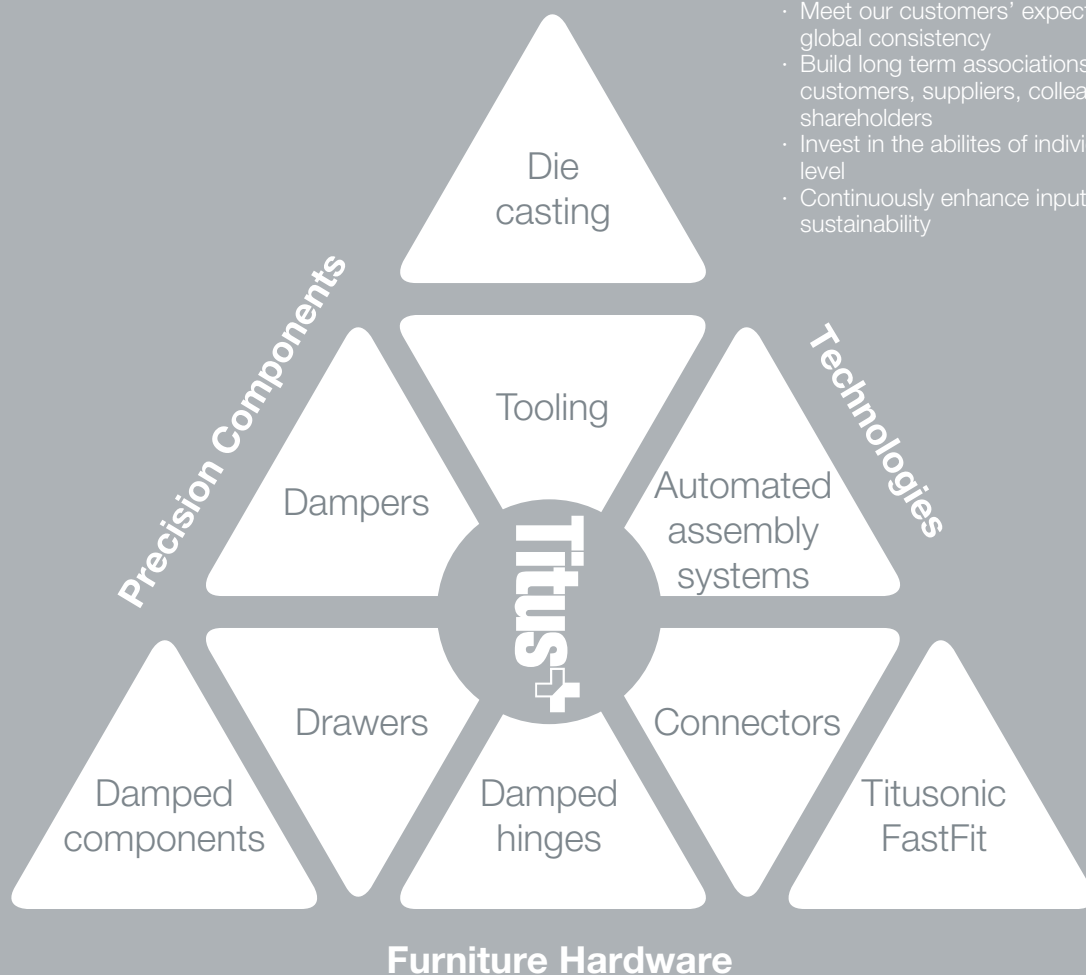
The world's best engineering for precision components

## Mission

To provide manufacturers with components' solutions that improve competitiveness

## Titus Business Philosophies and Principles

- Gain total knowledge of our customers and their markets
- Focus on identifying and creating high volume component niches
- Meet our customers' expectations with global consistency
- Build long term associations with customers, suppliers, colleagues and shareholders
- Invest in the abilities of individuals at every level
- Continuously enhance input efficiency and sustainability



## Furniture Hardware

- Cabinet connectors
- Concealed hinges
- Soft closing systems
- Drawers and drawer systems
- Kitchen accessories
- RV hardware

## Components

- Hydraulic dampers
- Precision components
- Precision die castings
- Damped mechanisms

## Technologies

- Automated assembly systems
- Die casting technologies
- Tooling
- Titusonic - Ultrasound fastening
- FastFit technology

# 'Totally Integrated Engineering'

## Product Design

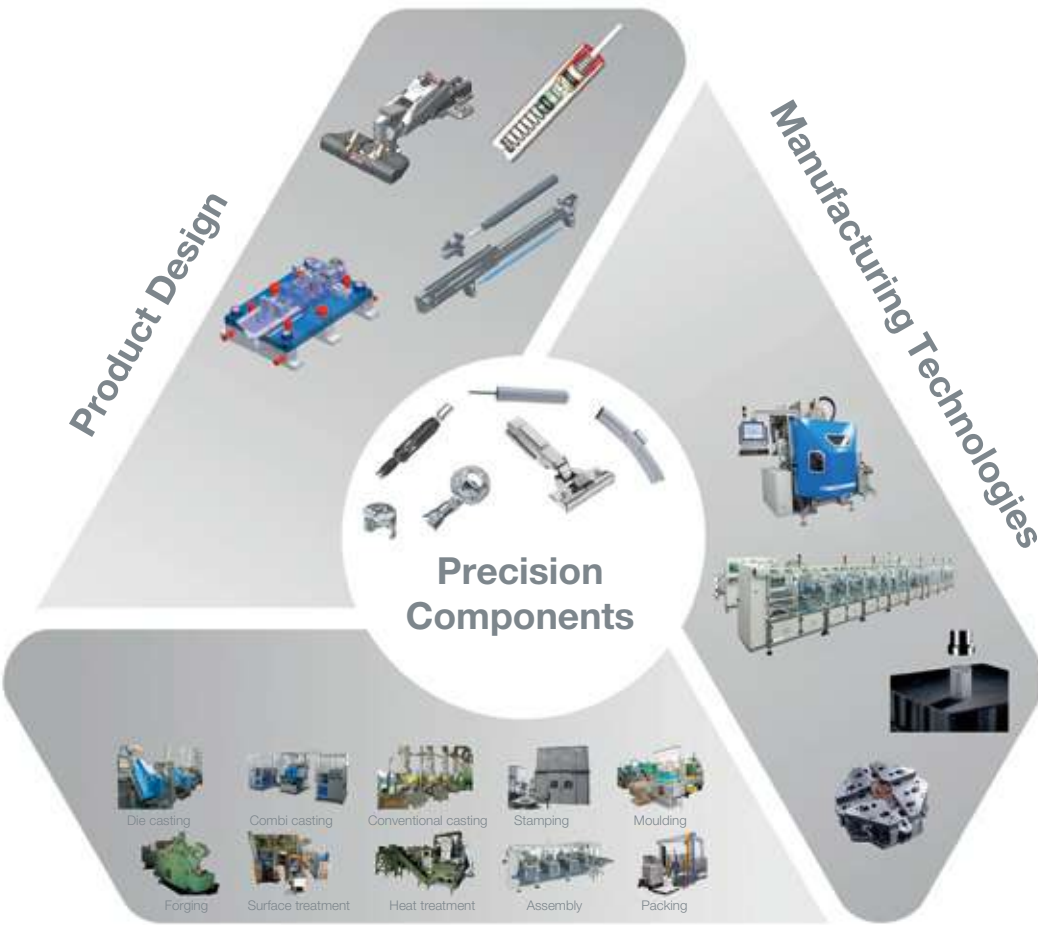
Design and engineering of unique components  
Consistent and repeatable product quality

## 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

Continuous Improvement

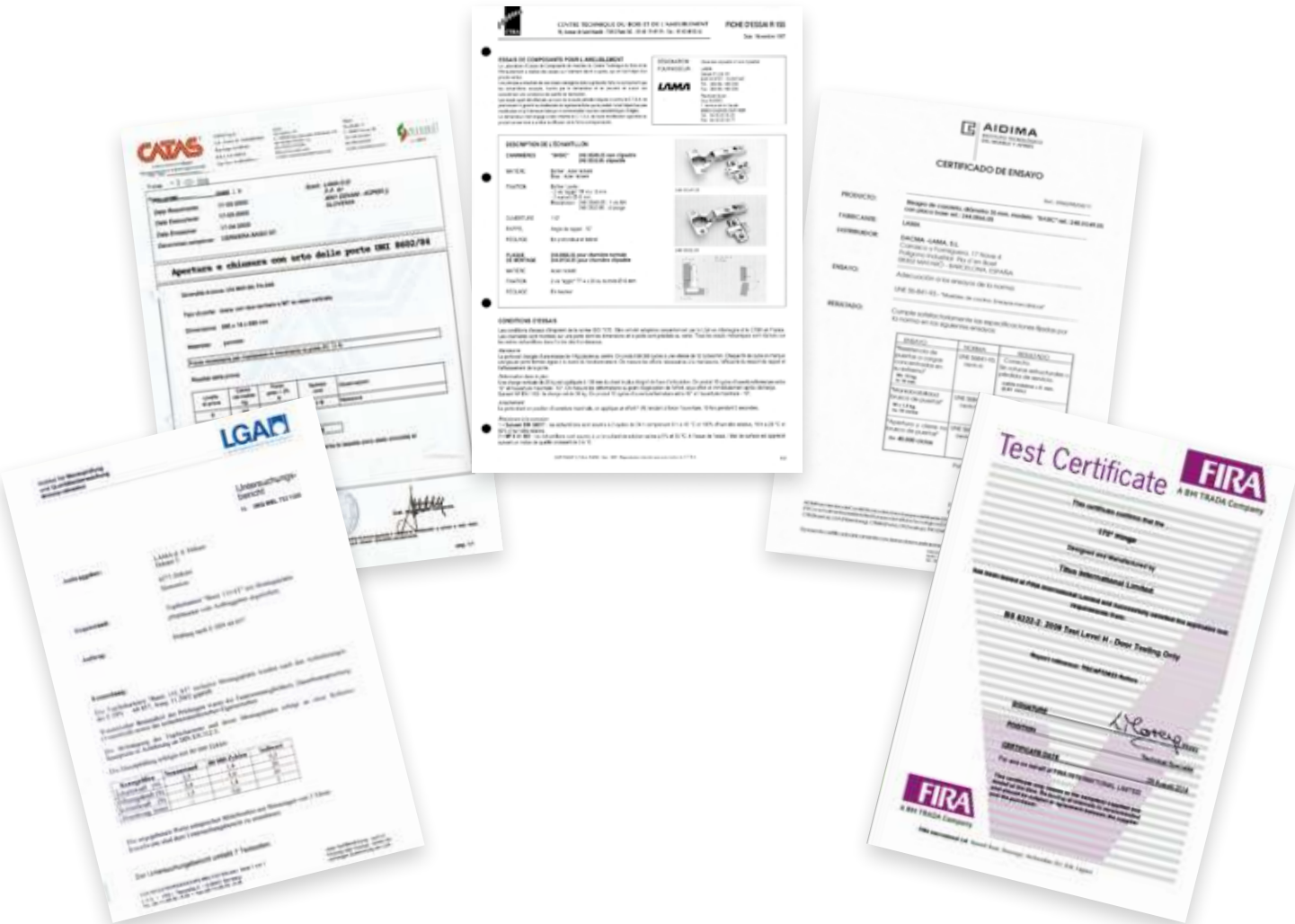
The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

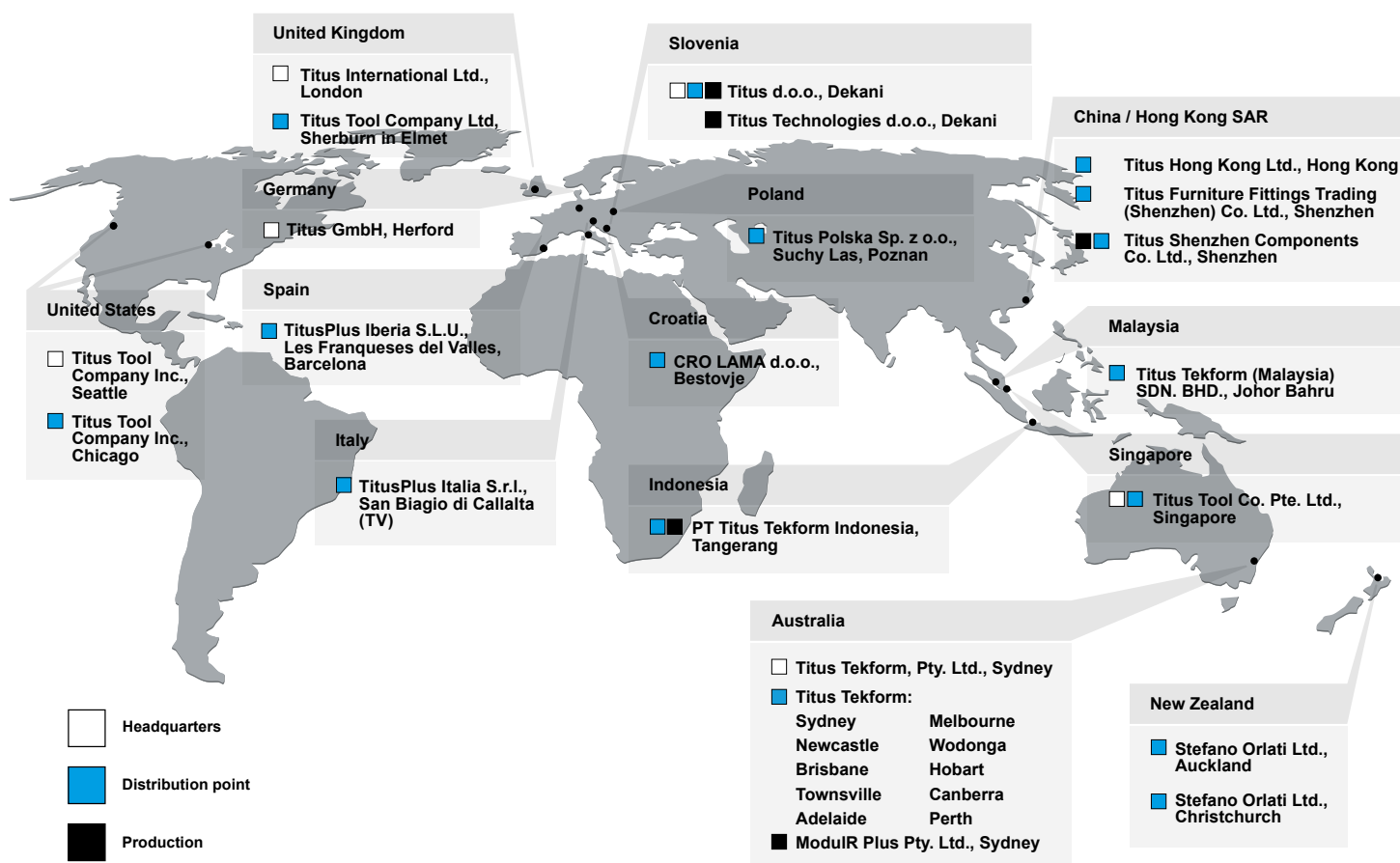
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

Products

Our integrated quality system produces technically optimized 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 France, FIRA from United Kingdom, CATAS from Italy, AIDIMA from Spain, and others.



# Worldwide design, manufacturing and distribution capabilities



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