Titus Group
Technical Catalogue

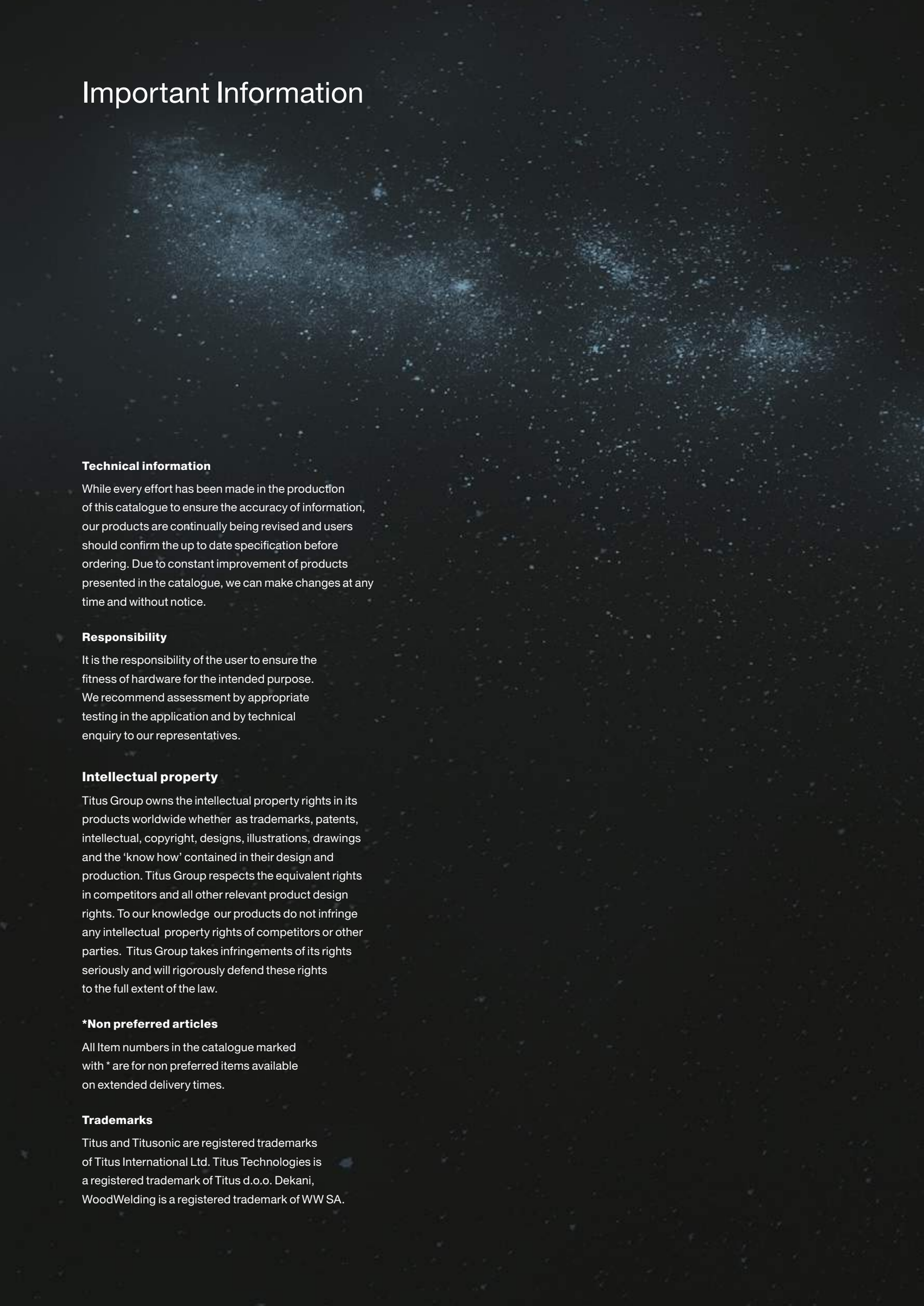
Tera Black

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.

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

Titus and Titusonic are registered trademarks of Titus International Ltd. Titus Technologies is a registered trademark of Titus d.o.o. Dekani, WoodWelding is a registered trademark of WW SA.

TeraBlack

TITUS ENHANCED RESISTANCE APPLICATION

TeraBlack



Absolute



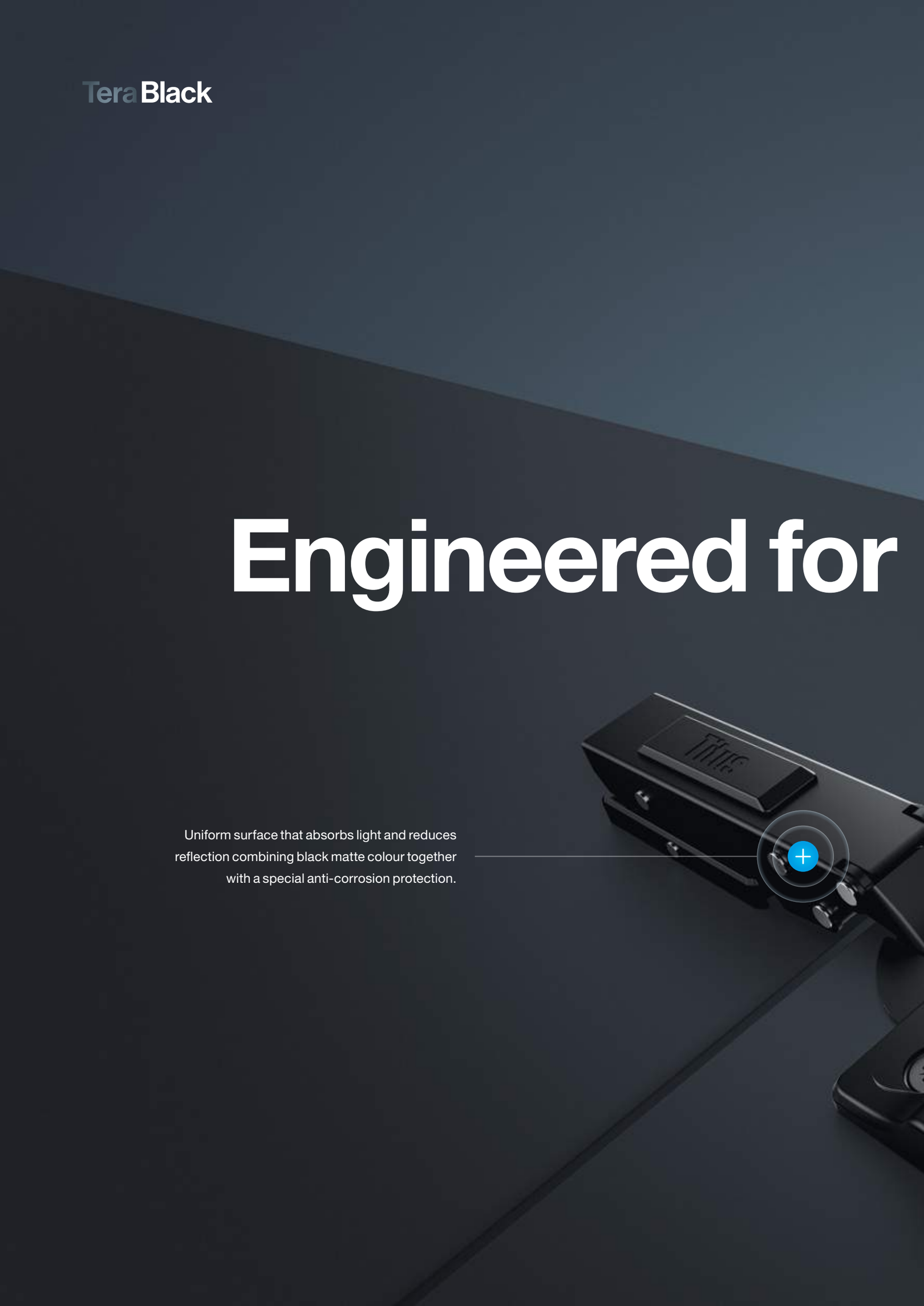
matte

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 disapear.

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.

TeraBlack

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.



TeraBlack Product guide

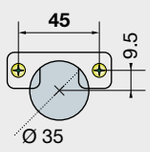
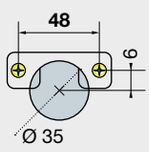
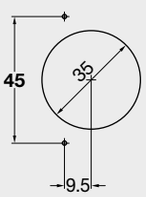
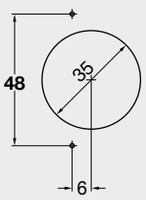
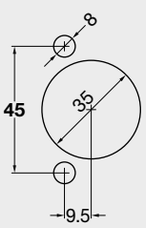
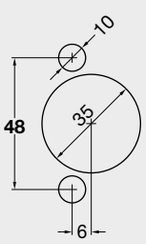
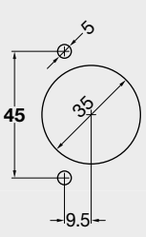
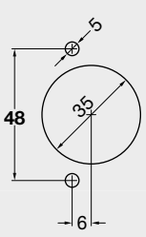
	Cranking	Opening angle	Cup type	Page
T-type hinges				
T-type-i 110	0 mm	110°	for wood door	18
	5 mm	110°	for wood door	18
	9 mm	110°	for wood door	20
	17 mm	110°	for wood door	20
T-type-i 110/45°	9 mm	110°	for wood door	22
T-type -i 110/90°	17 mm	110°	for wood door	26
T-type 170	0 mm	170°	for wood door	28
T-type for Pie-cut Corner cabinet			for wood door	30
T-type Mounting Plates				32
Cover Caps				34
Cabinet accessories				
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

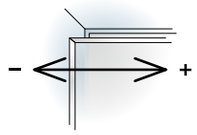
· T-type

Hinge cup type	Interaxis 45mm  Drilling pattern	Interaxis 48mm  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

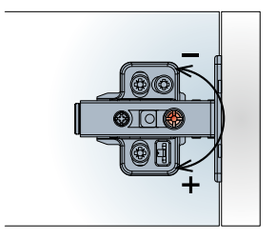


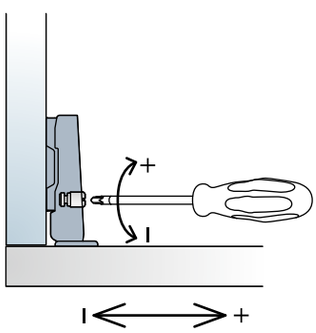
The side adjustment aligns the door with the side of the cabinet.

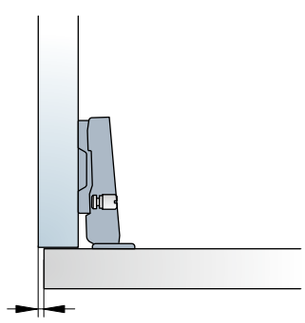
By rotating the adjustment screw

T-type

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



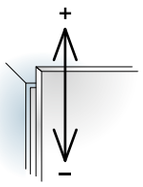




Adjustment range
+3/-1mm

Concealed Hinges
Adjustment

Height Adjustment

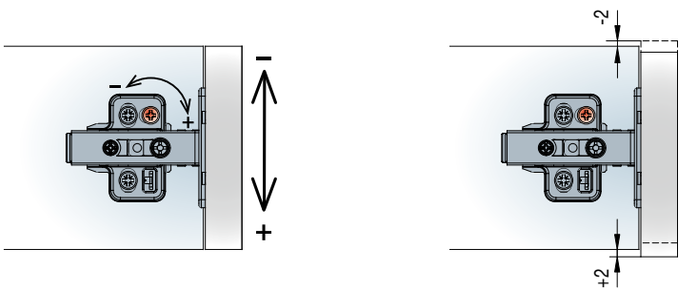


Height adjustment is necessary
to achieve optimal vertical door position.

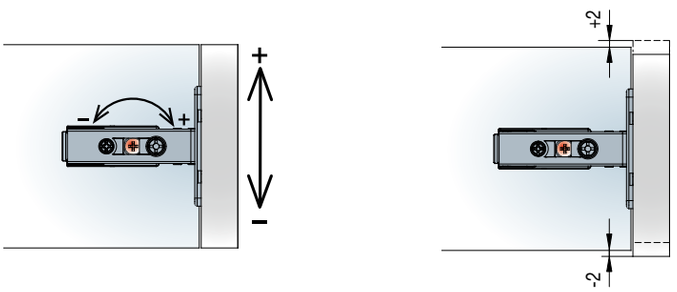
By rotating the cam adjuster

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

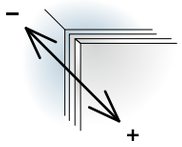
T-type with cam adjustable
cruciform mounting plate



T-type with cam adjustable
horizontal mounting plate



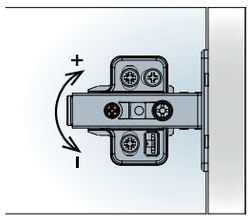
Depth Adjustment

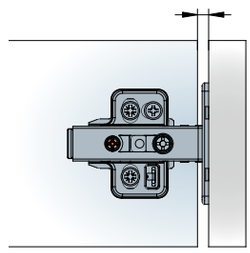


The system enables easy adjustment of the gap between door and cabinet.

By rotating the cam adjuster Rotate the cam adjuster on the hinge arm.

T-type

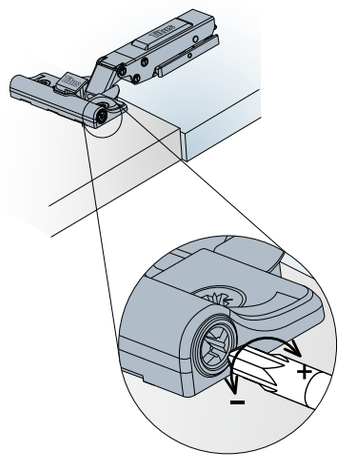




Damping Adjustment

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

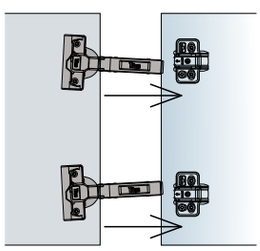


T-type



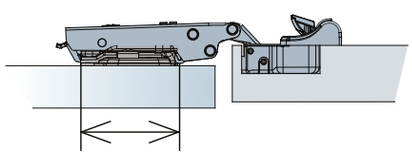
Easy door installation even in cases of 3-5 hinges per door

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



Highly tolerant

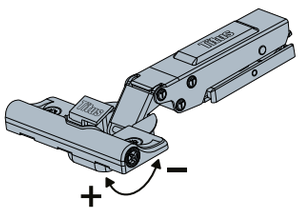
- Efficient performance in marginal values of tolerances
- Reliable door closing in case of accidental misalignment
- ConfidentClose assured



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

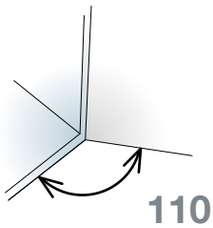


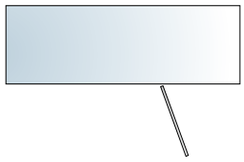
Proven Glissando concept

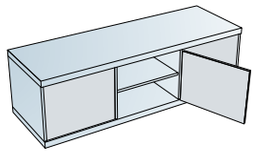
- Damper is positioned transversal on the hinge cup
- Reliable performance

TeraBlack
T-type-i 110

For wood doors

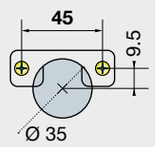
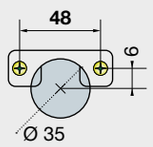
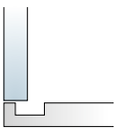
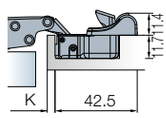
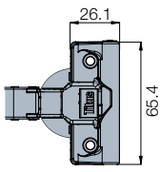
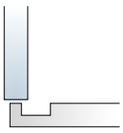
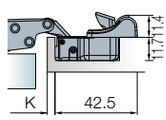
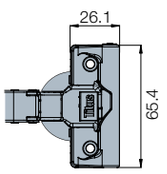






· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm
· Hinge on plate mounting system	3Way snap-on



Technical details	Cup type	Interaxis 45mm 	Interaxis 48mm 
Cranking 0mm   Made of steel  		701-0AT0-956	701-0AS0-956
	EasyFix	701-0AT4-956	701-0AS4-956
	Drilling patterns for hinge cups ⇢ see page 12		
Cranking 5mm   Made of steel  		701-0BT0-956	701-0BS0-956
	EasyFix	701-0BT4-956	701-0BS4-956
	Drilling patterns for hinge cups ⇢ see page 12		

Mounting plates

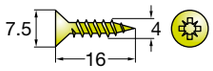


Cam adjustable cruciform mounting plate
⇢ *see page 32*



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*



Hinge angle restrictor

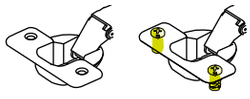
248-4668-380 200 Pcs

⇢ *see Furniture Fittings Systems catalogue page 2.175*

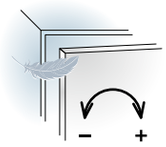
Legend of hinge cup symbols

Screw-on ready ⇠ *screws*

EasyFix system

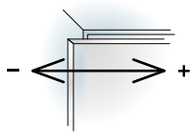


Damping adjustment

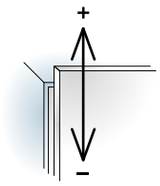


For further explanation ⇢ see page 15

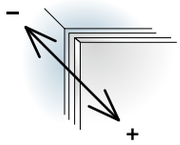
Door adjustment



Side adjustment +3/-1mm



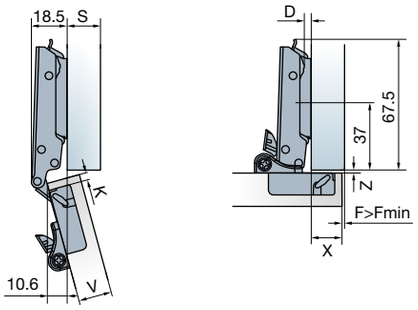
Height adjustment +2/-2mm



Depth adjustment +4/-1mm

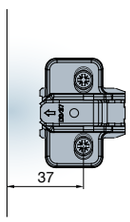
For further explanation ⇢ see pages 13-15

Mounting details



Drawing show application on D=0mm thick mounting plate

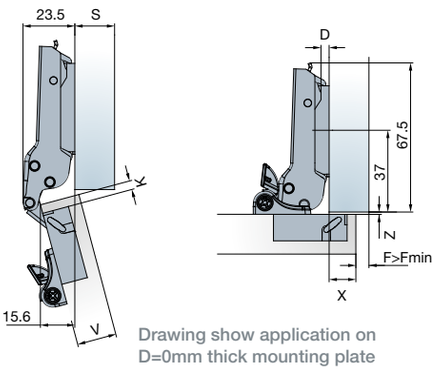
Mounting plate drilling distance



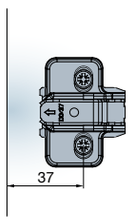
Mounting plate thickness table

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

D=13+K-x



Drawing show application on D=0mm thick mounting plate



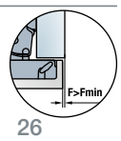
x		8	9	10	11	12	13	14	
K	3	3	2	1	0				
	4	4	3	2	1	0			
	5		4	3	2	1	0		
	6			4	3	2	1	0	D

D=8+K-x



Push Latch
⇢ *see page 40*

Door clearance at R=1mm

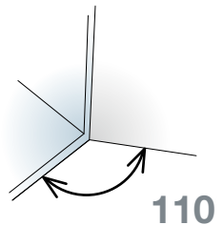


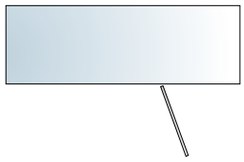
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

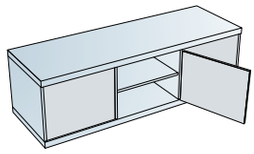
Gap Z_{MIN}=0

TeraBlack
T-type-i 110

For wood doors

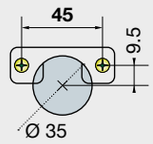
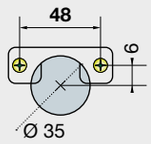




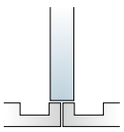


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm
· Hinge on plate mounting system	3Way snap-on

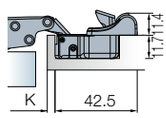


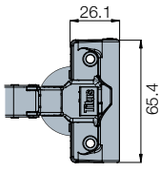
Technical details	Cup type	Interaxis 45mm	Interaxis 48mm
			

Cranking
9mm







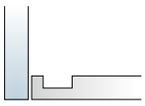


Cup type	Item number	Item number
	701-0CT0-956	701-0CS0-956
EasyFix	701-0CT4-956	701-0CS4-956

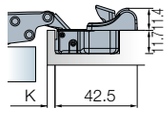
Drilling patterns for hinge cups ⇢ see page 12

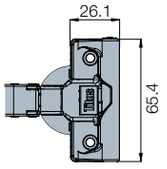
Made of steel

Cranking
17mm









Cup type	Item number	Item number
	701-0DT0-956	701-0DS0-956
EasyFix	701-0DT4-956	701-0DS4-956

Drilling patterns for hinge cups ⇢ see page 12

Made of steel

Mounting plates

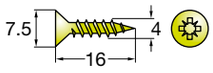


Cam adjustable cruciform mounting plate
⇢ see page 32



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



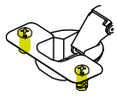
Hinge angle restrictor
248-4668-380 200 Pcs
⇢ see Furniture Fittings Systems catalogue page 2.175

Legend of hinge cup symbols

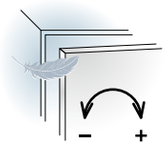
Screw-on ready
⇠ screws



EasyFix system

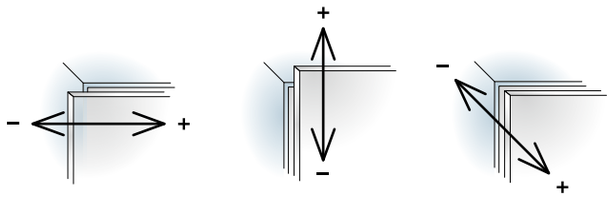


Damping adjustment



For further explanation ⇢ see page 15

Door adjustment



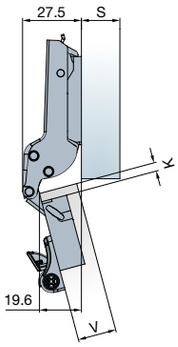
Side adjustment +3/-1mm

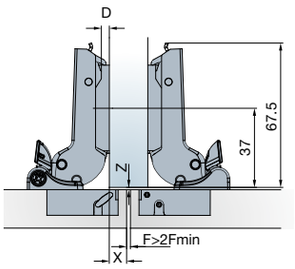
Height adjustment +2/-2mm

Depth adjustment +4/-1mm

For further explanation ⇢ see pages 13-15

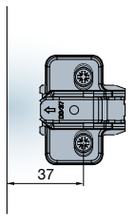
Mounting details





Drawing show application on D=0mm thick mounting plate

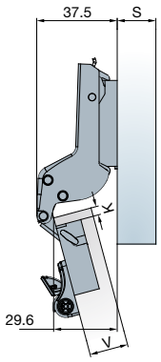
Mounting plate drilling distance

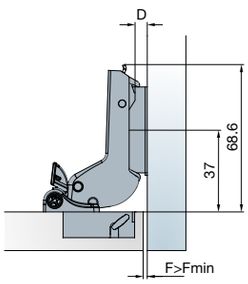


Mounting plate thickness table

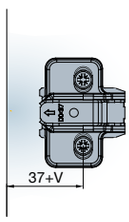
x		4	5	6	7	8	9	10	
K	3	3	2	1	0				
	4	4	3	2	1	0			
	5		4	3	2	1	0		
	6			4	3	2	1	0	D

D=4+K-x





Drawing show application on D=2mm thick mounting plate



V		16	17	18	19	20	21	22	23	24	
K	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

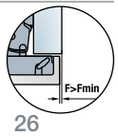
D= -4+K+F



Push Latch

⇢ see page 40

Door clearance at R=1mm

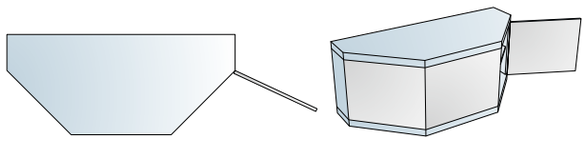


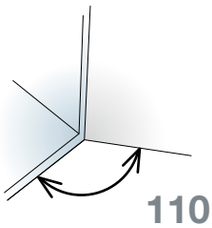
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

TeraBlack
T-type-i 110/45°

45° angled application for wood doors



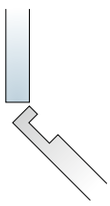


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm
· Hinge on plate mounting system	3Way snap-on

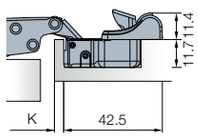


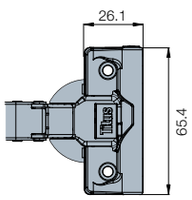
Technical details

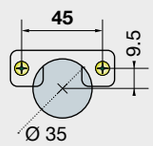
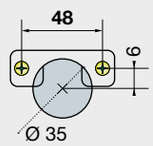
Cranking
9mm









Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	701-0D82-961	701-0D84-961

Drilling patterns for hinge cups ⇢ see page 12

Cup made of steel, arm made of zinc

Mounting plates

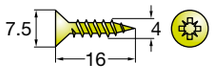


Cam adjustable cruciform mounting plate
⇢ *see page 32*



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

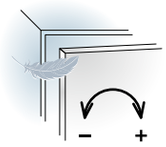
⇢ *see Furniture Fittings Systems catalogue page 2.175*

Legend of hinge cup symbols

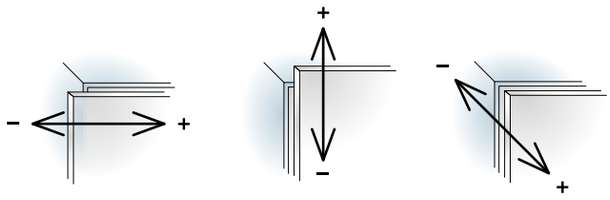
Screw-on ready
⇠ *screws*



Damping adjustment



Door adjustment



Side adjustment +3/-1mm

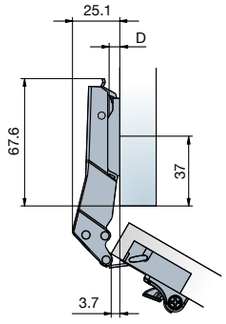
Height adjustment +2/-2mm

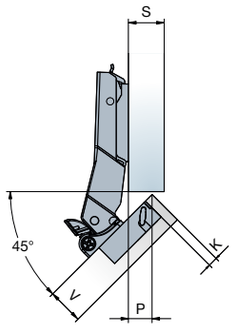
Depth adjustment +2.5/-2.5mm

For further explanation ⇢ see page 15

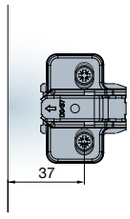
For further explanation ⇢ see pages 13-15

Mounting details





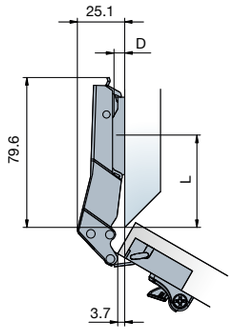
Mounting plate drilling distance

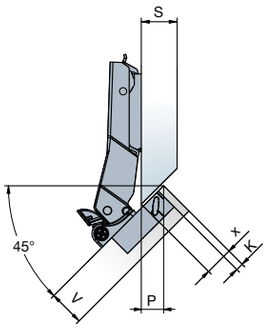


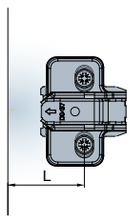
Mounting plate thickness table

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

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



Push Latch

⇢ *see page 40*

Door clearance at R=1mm

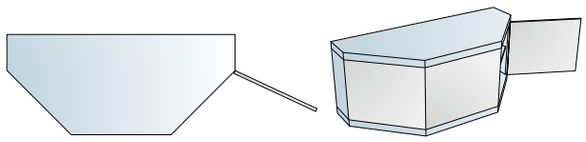


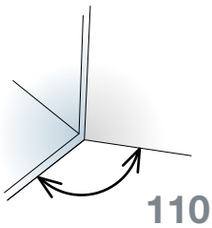
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

TeraBlack
T-type-i 110/45°

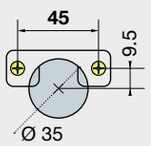
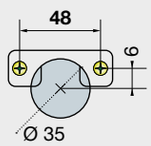
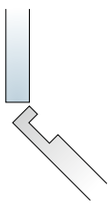
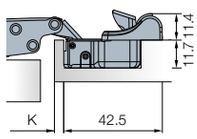
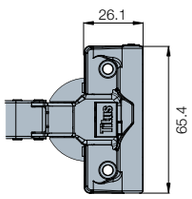
45° angled application for wood doors





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



Technical details	Cup type	Interaxis 45mm	Interaxis 48mm
			
Cranking 17mm    		701-0B08-961	701-0B10-961

Drilling patterns for hinge cups ⇢ *see page 12*

Cup made of steel, arm made of zinc

Mounting plates

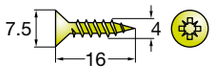


Cam adjustable cruciform mounting plate
⇢ *see page 32*



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

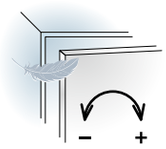
⇢ *see Furniture Fittings Systems catalogue page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

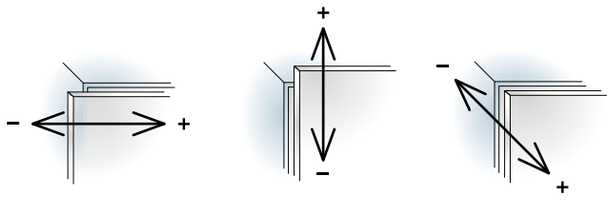


Damping adjustment



For further explanation ⇢ see page 15

Door adjustment



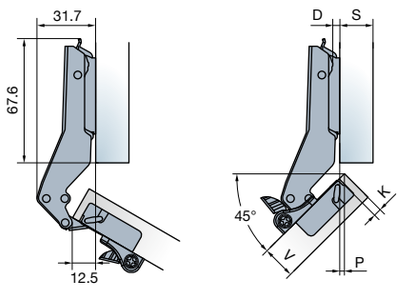
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +2.5/-2.5mm

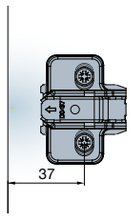
For further explanation ⇢ see pages 13-15

Mounting details



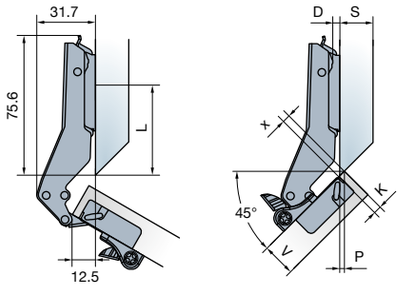
Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

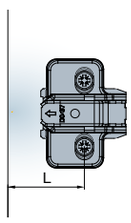


Mounting plate thickness table

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



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

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



Push Latch
⇢ *see page 40*

Door clearance at R=1mm
For further explanation ⇢ see page 2.12

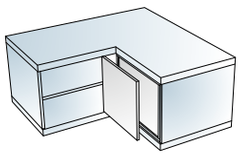


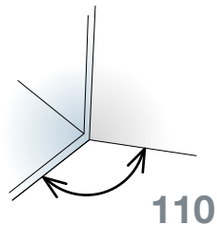
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

TeraBlack
T-type-i 110/90°

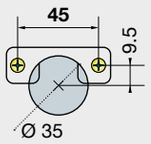
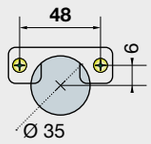
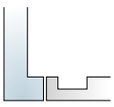
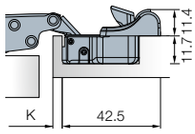
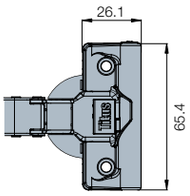
For wood door cabinets with blind panels





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



Technical details	Cup type	Interaxis 45mm	Interaxis 48mm
			
Cranking 17mm    		701-0A96-961	701-0A98-961

Drilling patterns for hinge cups ⇢ *see page 12*

Cup made of steel, arm made of zinc

Mounting plates

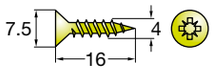


Cam adjustable cruciform mounting plate
⇢ *see page 32*



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

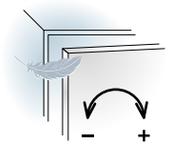
⇢ *see Furniture Fittings Systems catalogue page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

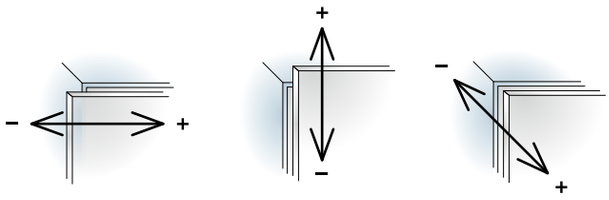


Damping adjustment



For further explanation ⇢ see page 15

Door adjustment



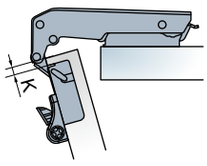
Side adjustment +2.5/-2.5mm

Height adjustment +2/-2mm

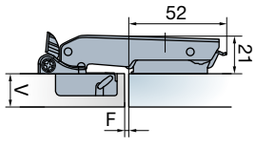
Depth adjustment +3/-1mm

For further explanation ⇢ see pages 13-15

Mounting details

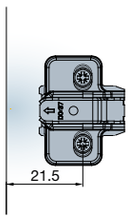


Drawing shows application on D=2mm mounting plate



Drawing shows application on D=2mm mounting plate

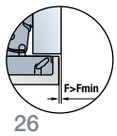
Mounting plate drilling distance





Push Latch
⇢ *see page 40*

Door clearance at R=1mm

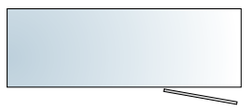


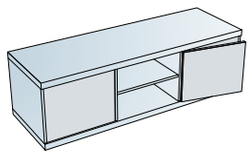
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

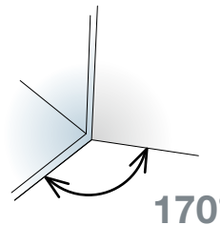
Gap Z_{MIN}=0

TeraBlack
T-type 170

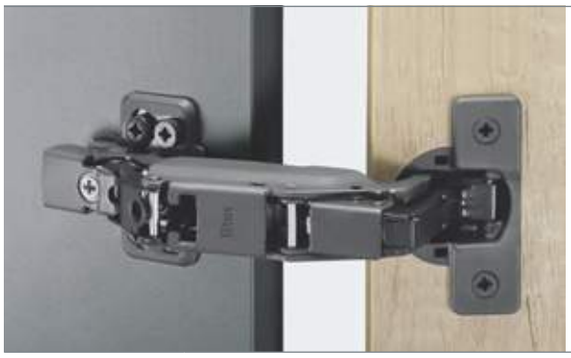
For wood doors



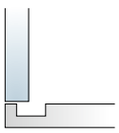




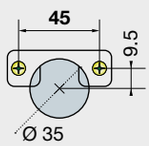
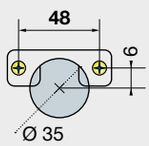
- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Cranking
0mm





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

Drilling patterns for hinge cups ⇢ see page 12

Made of steel and zinc

Mounting plates

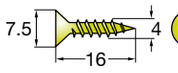


Cam adjustable cruciform mounting plate
⇢ *see page 32*



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

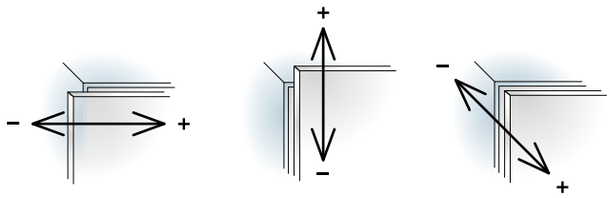
⇢ *see Furniture Fittings Systems catalogue page 2.175*

Legend of hinge cup symbol

Screw-on ready
⇠ *screws*



Door adjustment



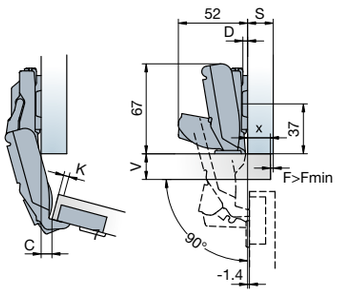
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

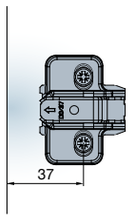
For further explanation ⇢ see pages 13-15

Mounting details



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

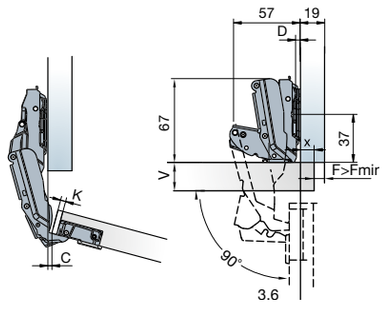
Mounting plate drilling distance



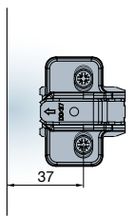
Mounting plate thickness table

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

D=13+K-x



Drawings show application on
D=0mm mounting plate



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

D=8+K-x

Soft closing systems



Glissando TL 170
⇢ *see page 38*



Push Latch
⇢ *see page 40*

Door clearance at R=1mm

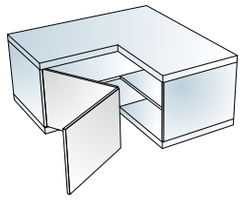


V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

TeraBlack
T-type for Pie-cut Corner Cabinet

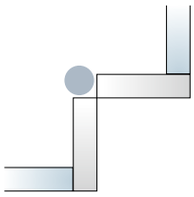
For wood doors



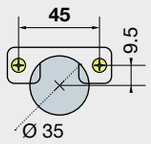
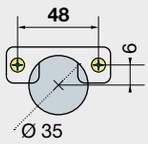
- Opening angle 70°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11mm
- Hinge on plate mounting system 3Way snap-on



Corner cabinet





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

Drilling patterns for hinge cups ⇢ see page 12

Cup made of zinc, arm made of steel

Mounting plates

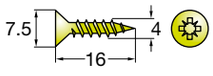


Cam adjustable cruciform mounting plate
⇢ *see page 32*



Cruciform mounting plate
⇢ *see page 34*

Hinge cup screws
If not pre-mounted



820-6328-956

10000 Pcs



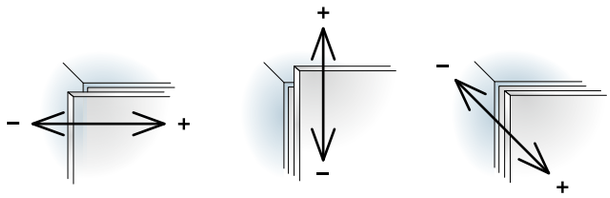
Cover caps for hinge arm
⇢ *see page 34*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*



Door adjustment



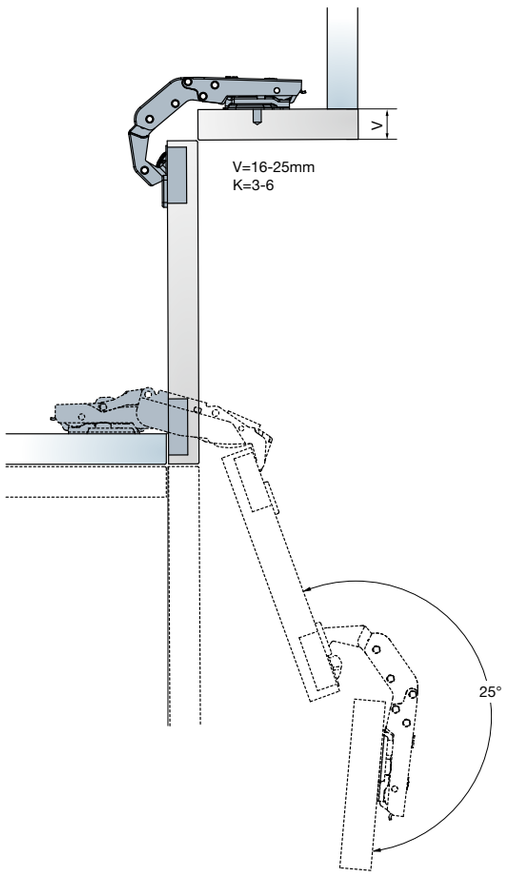
Side adjustment +2.5/-2.5mm

Height adjustment +2/-2mm

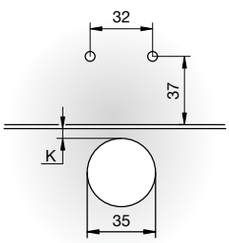
Depth adjustment +3/-1mm

For further explanation ⟶ see pages 13-15

Mounting details

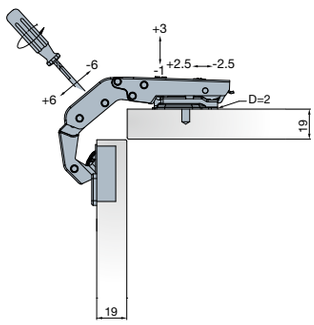


Mounting plate drilling distance

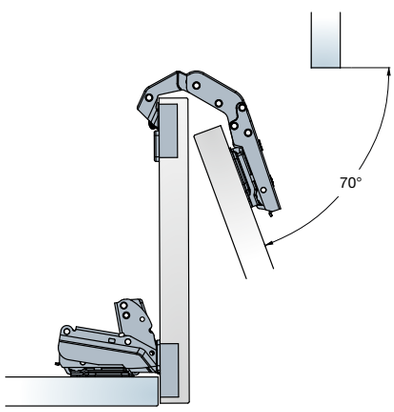


Any T-type mounting plate can be used

Adjustments

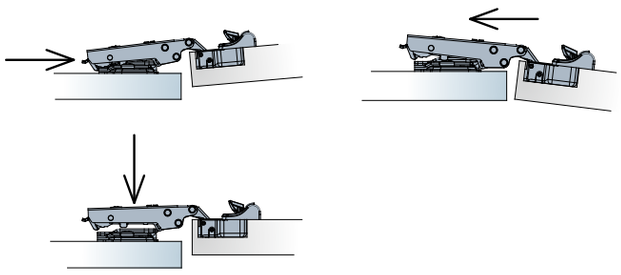


The adjustment of the gap between two doors is done by rotating the adjustment screw as shown on the drawing



TeraBlack
T-type Mounting Plates

3Way snap-on mounting



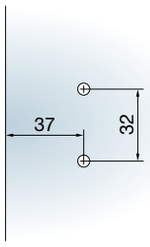


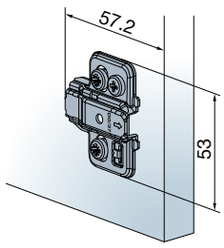
Drilling pattern

Dimensions

Cam adjustable cruciform mounting plate 37mm



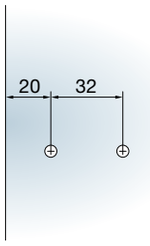


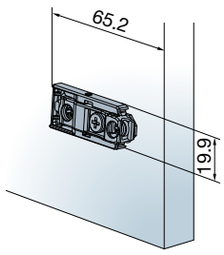


Made of steel

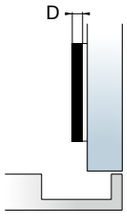
Cam adjustable horizontal mounting plate



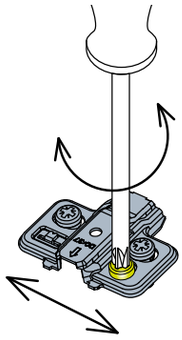




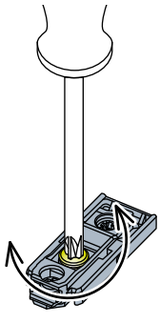
Made of steel and zinc



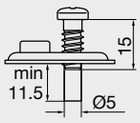
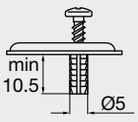
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type	15	10.5
Mounting plate thickness (D)	 Item number	 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

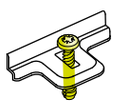
15

Pre-mounted
15mm euro screws



10.5

Pre-mounted
10.5mm
expanding dowels



TeraBlack
T-type Cover Caps

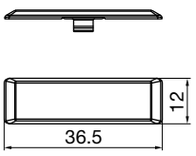


Technical details

Plate type	Material/ surface	Item number	TeraBlack
Neutral	steel	**728-1283** ⇢	956
Titus	steel	**728-1286** ⇢	956

T-type hinge arm cover cap





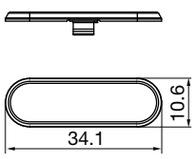
For T-type 110, 0mm

Made of steel

Plate type	Material/ surface	Item number	TeraBlack
Neutral	steel	**728-1284** ⇢	956
Titus	steel	**728-1287** ⇢	956

T-type hinge arm cover cap





For T-type 110
0mm, 5mm, 9mm, 17mm

Made of steel



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

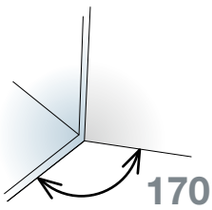


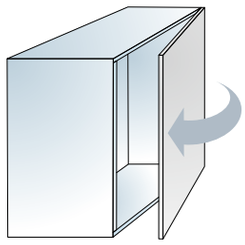
Cam5000

· 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







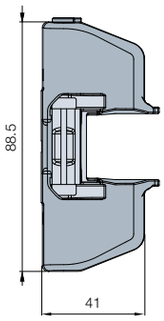
Technical details

Hinge opening angle	Item number
170°	951-0F15-961

Glissando TL 170 snap-on

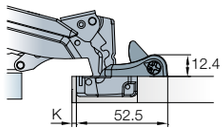


Soft closing mechanism





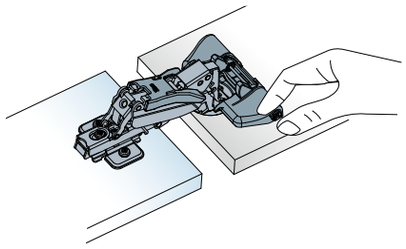
Striking plate



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

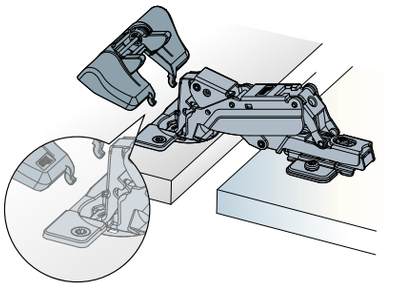
Damping adjustment



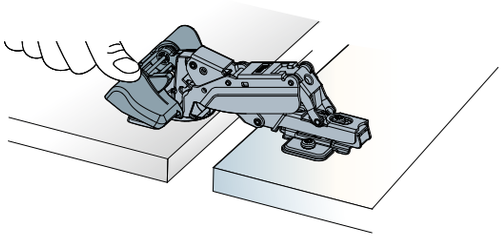
Turn towards '+' to increase and '-' to decrease the damping

Mounting details

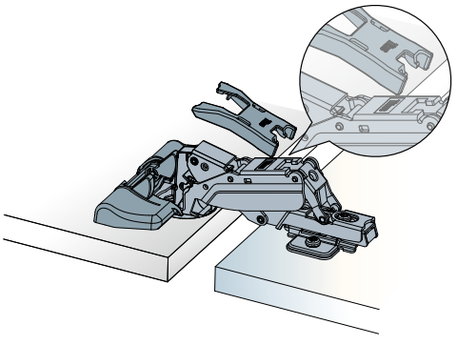
Toolless mounting



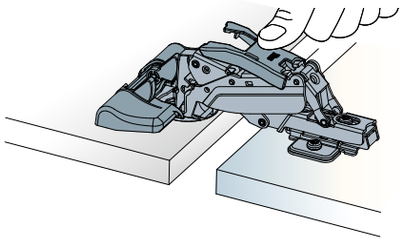
Insert Glissando TL 170 into the holes on the hinge cup



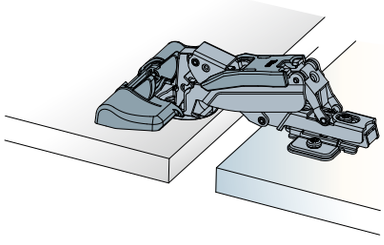
Press down

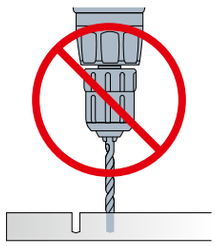


Place the striking plate into the hole on the hinge arm

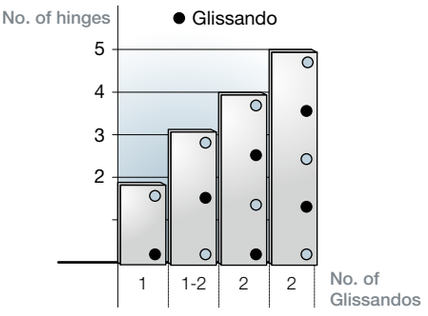


Press down





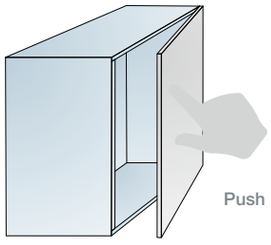
No additional drilling is required

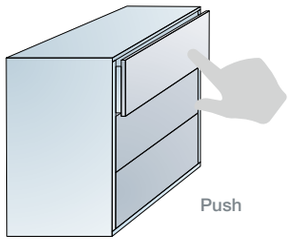


Recommended number per door and positioning

TeraBlack
Push Latch

For wood doors and drawers







PushLatch

	Spring force [N] (released)	Spring force [N] (loaded)	Item number	TeraBlack
With bumper	10	20	915-0X59	383
Linear m. plate			915-4175	383

Set consists of:

Linear m. plate and Push Latch

915-0X59-383-K2





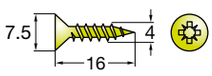
Push Latch



Linear mounting plate

Made of steel and plastic

Fixing screws for mounting plates

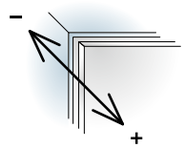


Chipboard screws
820-6328-050

10000 Pcs

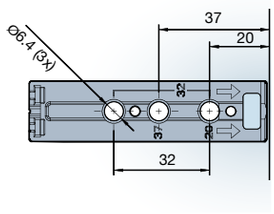
- Effortless opening with just a light touch
- Depth adjustment ensures reliable closing and consistent performance in case of inaccurate drilling
- ‘Safety click’ feature for easy detachment of the mechanism from its mounting plate

Door adjustment

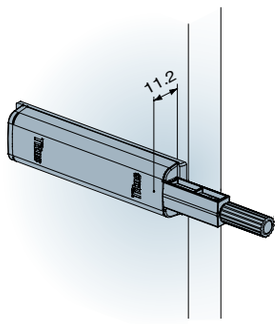


Depth adjustment +4.5/-1mm

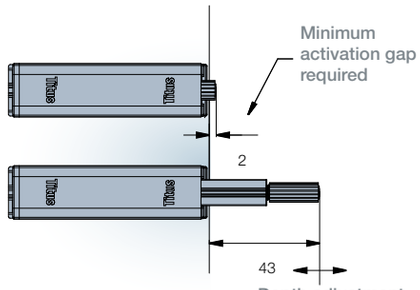
Drilling pattern



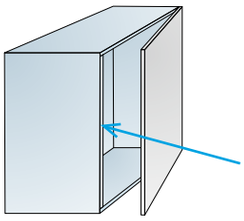
Dimensions



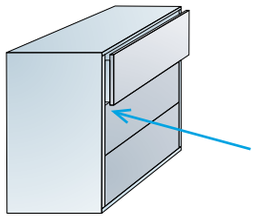
Depth adjustment



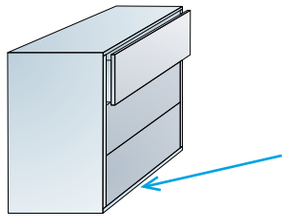
Positioning



Close to the ‘touch opening point’ on the side opposite to hinges

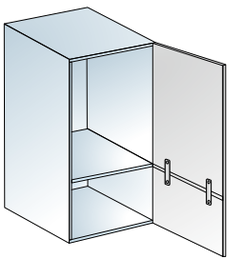


On the cabinet side; gap between drawer and cabinet side 12mm min



On the drawer bottom; in the middle of drawer

TeraBlack
Joining Plates

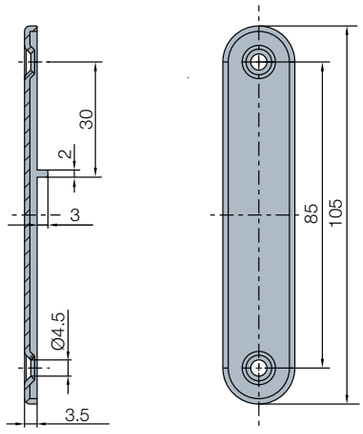


- Rigid and strong
- No pre-drilling
- Spacer pegs provide an even 2mm gap
- Sleek design



	Technical details	Item number	TeraBlack
Joining plate 105mm		360-1222 →	956

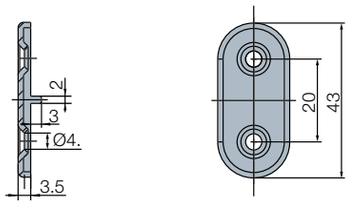




Made of steel

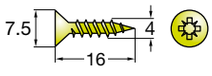
Joining plate 43mm		360-1230 →	956





Made of steel

Fixing screws for mounting plates

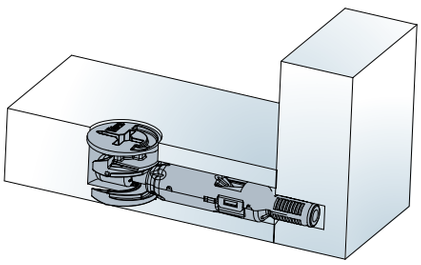


Chipboard screws
820-6328-956

10000 Pcs

TeraBlack
Cam5000

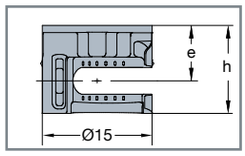
- Improved central shape for highly resistant joint
- Suitable for use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam retaining pips ensure that cam is held in panel position prior to assembly

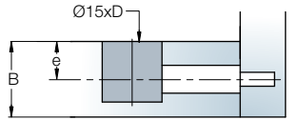


Technical and mounting details

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

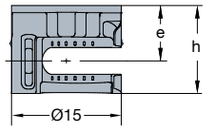


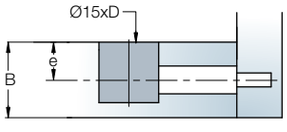




Made of zinc



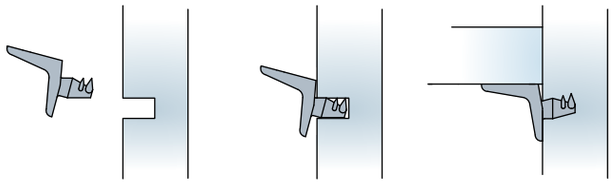




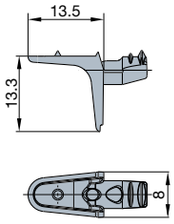
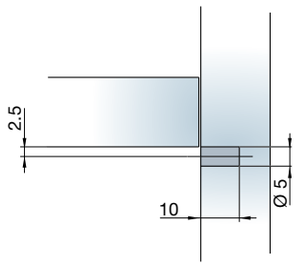
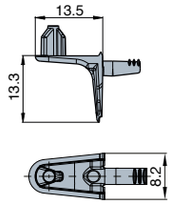
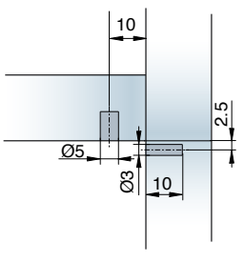
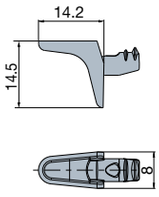
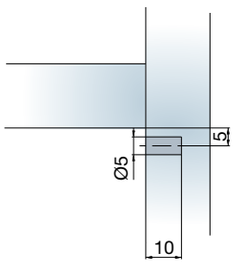
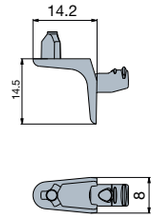
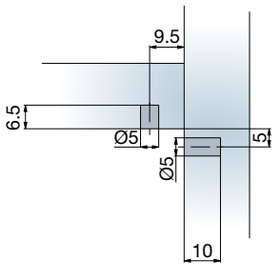
Made of zinc

TeraBlack
Shelf Support

Mounting procedure:





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

The Titus Group 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

1973
Titus established

1975
Revolution in particleboard panel processing productivity

1977
Titus launches concealed cabinet connector

1980
Titus USA office and manufacturing established

1990
Inovative Quickfit technology launched

2005
Titusonic ultrasound fastening technology

2006
Merger with Lama d.d.

Launch of Glissando

2007
Titus becomes Titus+

Specialist in precision components' engineering

2009
Damper's development and engineering

2014
Acqusition of Tekform, Australia

2017
Launch of T-type full hinge programme

2019
Launch of TeraBlack product range

2020
Acquisition of Simon Kinetics

Vision

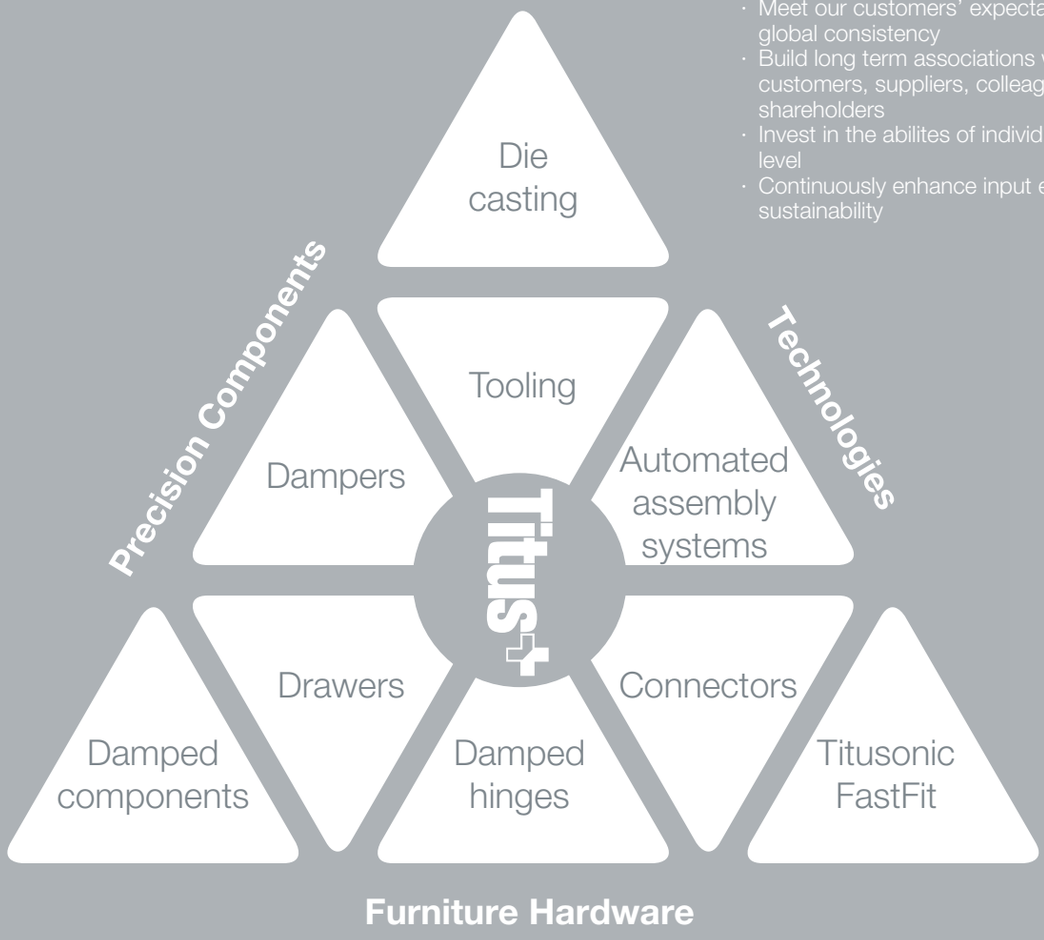
The world's best engineering for precision components

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 abilites 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

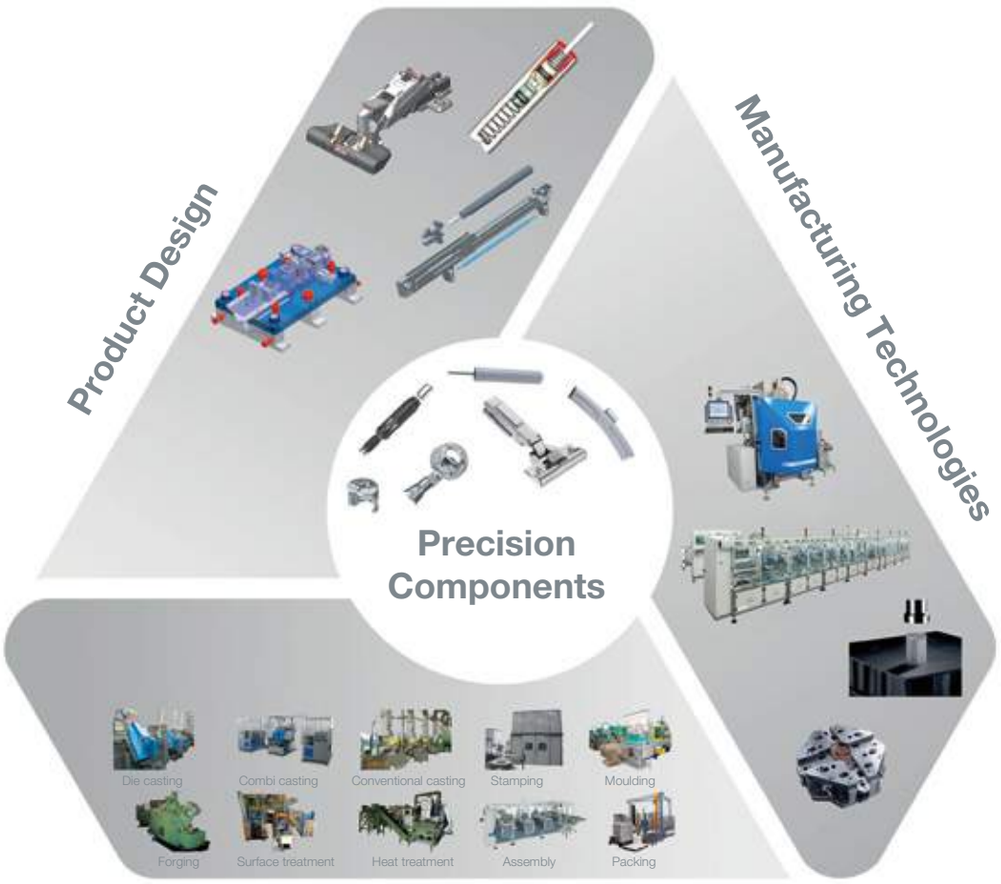
Design and engineering of unique components
Consistent and repeatable product quality

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

Quality

Continuous Improvement

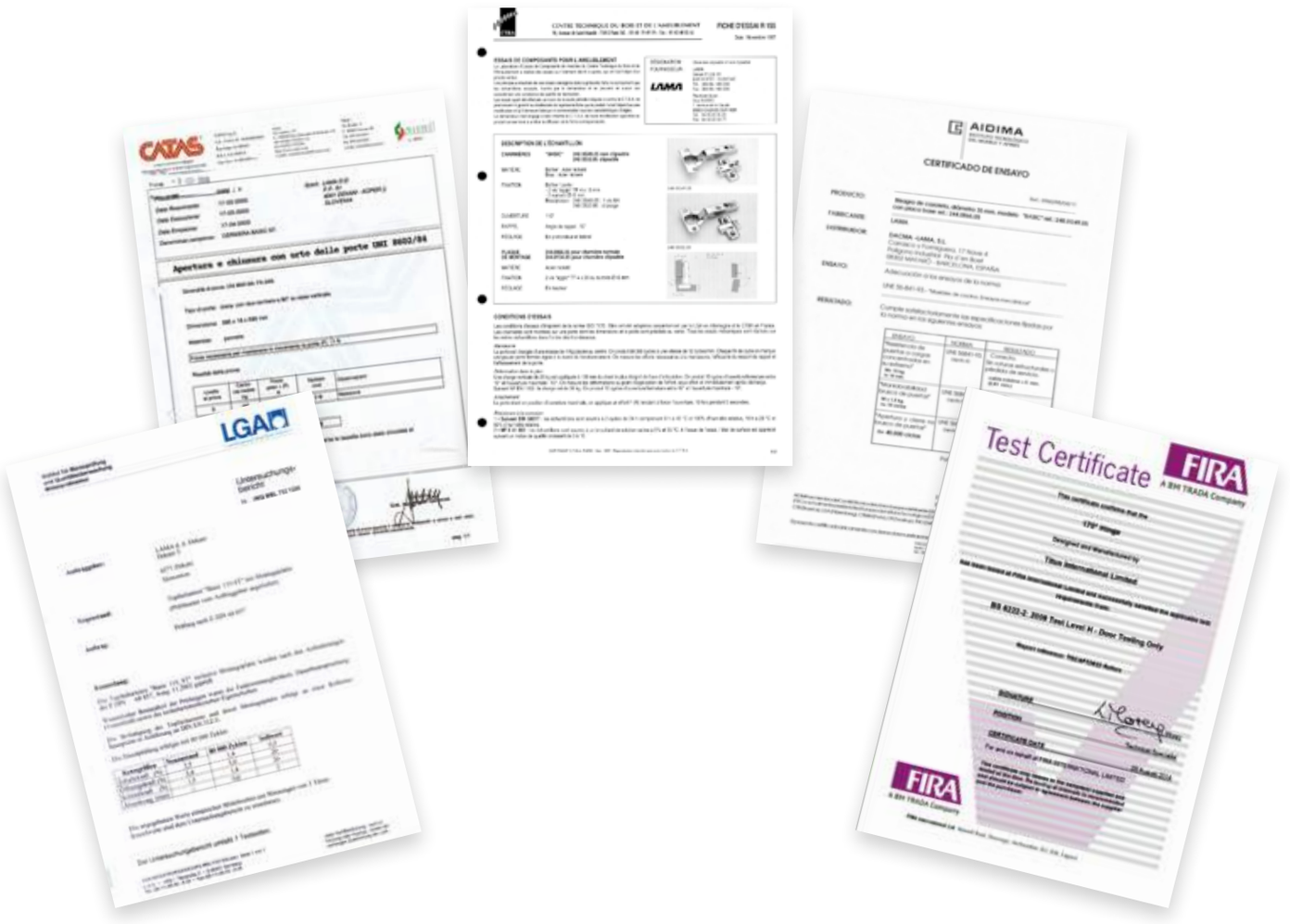
The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

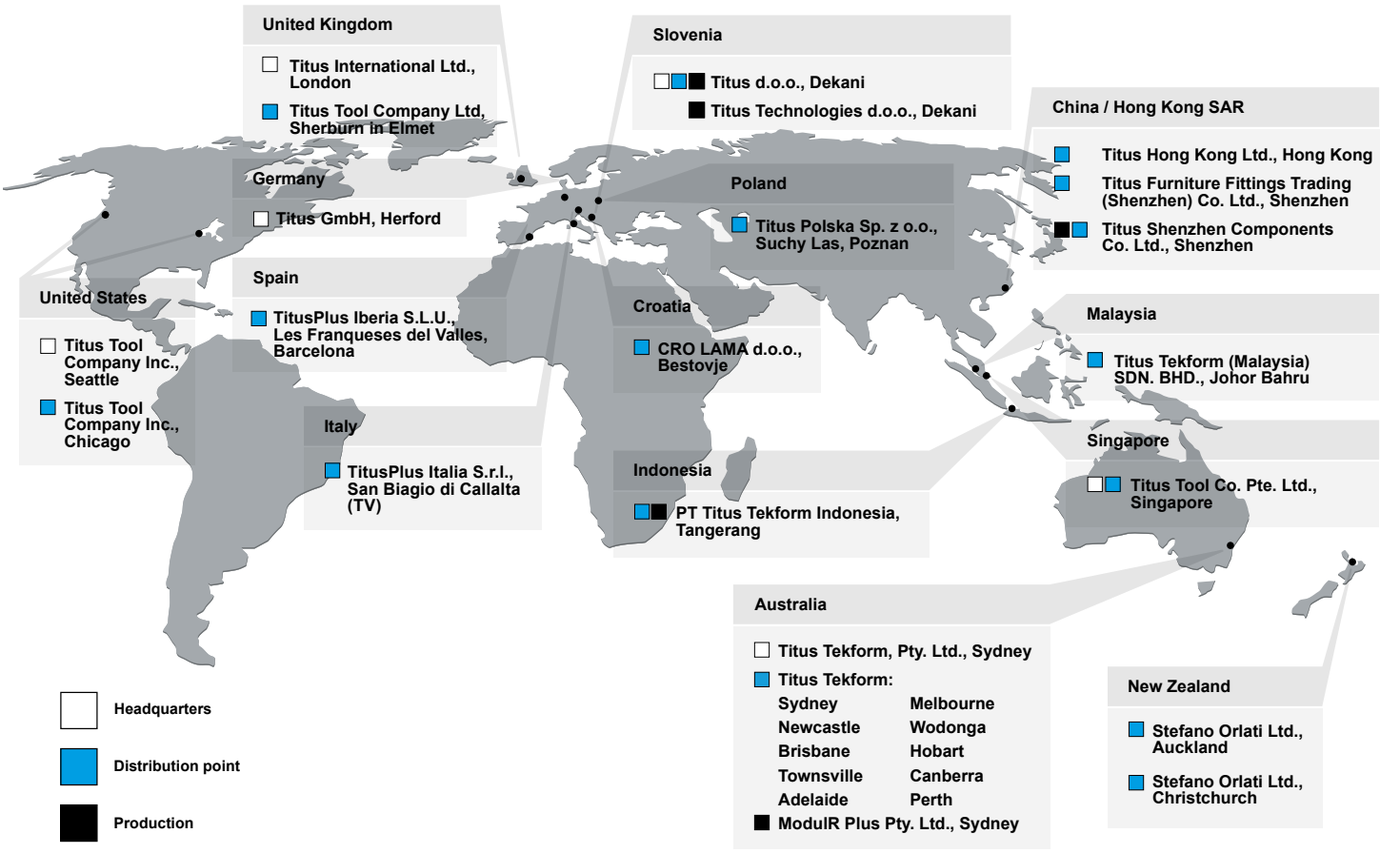
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

Products

Our integrated quality system produces technically 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



Europe

Titus d.o.o. Dekani
Dekani 5
SI-6271 Dekani
Slovenia
+386 5 6690 213
+386 5 6690 205 Fax
info@titusplus.com

Titus Technologies d.o.o.
Dekani 5
SI-6271 Dekani
Slovenia
+386 5 6690 000
technologies@titusplus.com

Titus Tool Company Ltd.
10 Blackburn Industrial Estate
Enterprise Way
Sherburn in Elmet
LS256NA
United Kingdom
+44 1977 682582
+44 1977 680481 Fax
uk@titusplus.com

CRO LAMA d.o.o.
Rakitska 10a
Rakitje
HR-10437 Bestovje
Croatia
+385 1 3323 033
+385 1 3323 233 Fax
croatia@titusplus.com

Titus Polska Sp. z o.o.
ul. Stefańskiego 17 A
PL-62-002 Suchy Las/Poznań
Poland
+48 61 811 5402 Phone/Fax
+48 61 811 5684 Phone/Fax
+48 61 821 9362
poland@titusplus.com

TitusPlus Italia S.r.l.
Via Aquileia 9
Frazione Olmi
IT-31048 San Biagio di Callalta (TV)
Italy
+39 04 221 650 120
+39 04 221 650 136 Fax
italia@titusplus.com

TitusPlus Iberia S.L.U.
C/ Luxemburg 16
ES-08520 Leas Franqueses del Valles (Barcelona)
Spain
+34 938 715 404
+34 938 605 498 Fax
iberia@titusplus.com

Titus GmbH, Herford
Lübberlindenweg 12
DE-32049 Herford
Germany
+ 49 5221 102488-0
germany@titusplus.com

America

Titus Tool Company Inc.
2800 156th Avenue SE
Suite 135
Bellevue, WA 98007
USA
+1 800 762 1616 Toll free
+1 425 746 2080
+1 425 746 2344 Fax

Titus Tool Company Inc.
11056 W. Addison Street
Franklin Park, IL 60131
USA
+1 800 762 1616 Toll free
+1 425 746 2080
+1 425 746 2344 Fax
usa@titusplus.com

Australia and New Zealand

Titus Tekform Pty Ltd
83 Jedda Road
Prestons NSW 2170
Australia
+61 2 9286 0007
+61 2 9826 0074 Fax
www.titustekform.com.au
info@titustekform.com.au

Stefano Orlati Ltd
34 Waipareira Avenue
Henderson
Auckland
New Zealand
+64 9 837 0886
+64 9 837 8003 Fax
www.stefano-orlati.co.nz
stefano-orlati@titusplus.com

Asia

Titus Tool Co. Pte. Ltd.
5004 Ang Mo Kio Ave 5
Techplace II #04-01
Singapore 569872
Singapore
+65 6383 3922
+65 6383 3178 Fax
singapore@titusplus.com

Titus (Shenzhen) Components Co. Ltd.
1st Floor Building No. 2
Heng Changrong High-tech Industrial Park
ShangNan South Road
Shangjin Street
Baoan District Shenzhen Province
China
+86 755 8348 0916
+86 8359 2676 Fax
china@titusplus.com

Titus Tekform Indonesia, PT
Taman Teknoblok L2 No. 7
BSD Sektor XI - Tangerang 15314
Indonesia
+62 21 75873578
+62 21 75873574 Fax
indonesia@titusplus.com

Headquarters

Titus International Ltd
28 Fitzroy Square
London
W1T 6DD
United Kingdom
info@titusplus.com

www.titusplus.com
info@titusplus.com

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