Titus Group
Titus Precision
Technical catalog

Cabinet and Furniture Hardware Systems



Important Information

Technical information

Our catalog strives for information accuracy, but as our products are continually updated, we recommend verifying the latest specifications before placing an order. We retain the right to make unannounced changes due to ongoing product improvements.

User responsibility

Users are responsible for ensuring that our hardware suits their intended purpose. We suggest conducting appropriate tests and reaching out to our technical representatives for assessment.

Intellectual property

Titus Group possesses global intellectual property rights, including trademarks, patents, copyrights, designs, illustrations, drawings, and the proprietary knowledge embedded in our products' design and production. We also respect competitors' rights and other relevant product design rights. Our products are not known to infringe upon any intellectual property rights, but we take infringements seriously and will vigorously defend our rights within the bounds of the law.

Non-preferred articles

Items marked with * in the catalog are non-preferred and may have extended delivery times.

Trademarks

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Cabinet Connectors

Cabinet Connectors
Product Guide

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Adjustable cabinet legs, shelf supports and backfix connector	designed for easy and quick installation	1.51

Connectors
Information

Why Choose Titus?

Titus connectors add value to furniture and to furniture manufacturing

Titus connectors improve the quality of furniture and lower the cost of manufacturing and assembly while ensuring a high degree of customer satisfaction.

The most advanced range of connectors available on the market

Precise and efficient product design.
The broadest possible range of drilling tolerances ensures reliable assembly and consistently strong joints.
'Klix' locking feature, the engagement of interlocking teeth on cam and dowel, to prevent joint loosening in service or transit.
Expanding function provides degrees of variation in out-of-tolerance drillings ensuring stronger joints and improved quality of furniture.
Twinstart thread for faster and more stable insertion.
Depth stop collar prevents over-insertion.
Firm tightening for greater confidence in use.
Cam locks at 230° assuring smooth tightening action and greater dowel pull-up.

Quickfit for hand dowel insertion.
Quickfit TL5, new generation steel dowel with quickfit expando technology for insertion in Ø5mm dowel holes.
Quickfit TL2, TL4 with the built-in self adjustment feature for higher drilling tolerances.
Quickloc one piece fitting for faster assembly with integrated expanding cam and dowel.
Zinc+steel dowel for optimal strength and performance.
Precise dowel manufacturing high precision of zinc and strength of steel assures 100% dimensional accuracy.

Easy and quick consumer friendly self-assembly of furniture

Self-assembly furniture offers consumers good value and instant availability of products.

With the aim of providing consumer with simpler instructions, fewer parts and an easier assembly process, Titus has significantly reduced and simplified the number of fittings traditionally required in furniture production.

Titus connectors provide consumers with easy assembly and furniture producers with increased productivity:
- reduced number of assembly parts
- easy assembly instructions
- security of packed parts during transit

CAF Quick & Easy
Consumer Assembly Friendliness

Easy and Quick Furniture Assembly

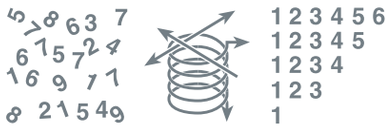
CAF formula

CAF=Consumer Assembly Friendliness

Titus CAF formula provides a comparative measure for customer satisfaction. By using it manufacturers are able to evaluate their products internally or against those of their competitors.

While offering consumers easier and faster assembly, there are obvious advantages also for furniture manufacturers – buying, counting, bagging and stocking of fittings can be greatly reduced.

Total quantity of parts + **A**ctions to assemble × **N**umber of types of parts



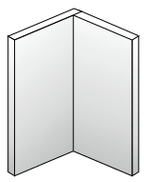
(T+A)N = CAF

Minimise the numbers in the Titus CAF™ formula to achieve:

- High customer satisfaction
- Improved productivity
- Higher profits

How does it work?

Comparative CAF scores to assemble a hand held demonstrator



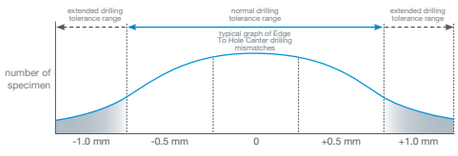
	T	A	N	CAF
Connecting screw (traditional assembly)	4	38	3	126
Cam & dowel with single start thread	6	21	4	108
Cam & dowel with twinstart thread	6	15	4	84
Cam & TL2 dowel (self-assembly)	6	7	4	52
Cam & TL2 dowel (factory pre-inserted)	2	3	2	10
Quickloc	2	3	1	5
Fully assembled demonstrator	1	0	1	1

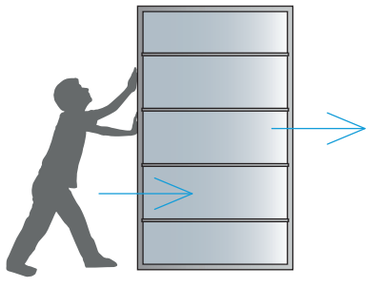


Cabinet Connectors

CAF Quick & Easy

Consumer Assembly Friendliness





Consumer Assembly Friendliness - CAF principle

- Quick assembly with less parts and less assembly steps
- Simple instructions
- Easy and intuitive assembly

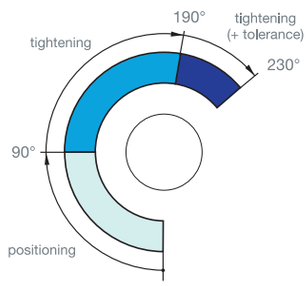
High drilling tolerances

- Optimal cabinet joint even in cases of inaccurate drilling
- In-built self adjustment feature ensures perfectly aligned and precise joints

Strong and reliable joints

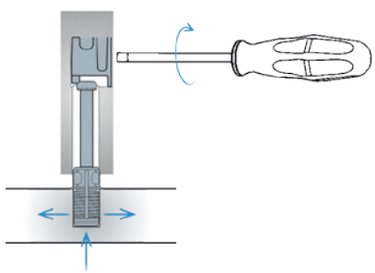
- High performance joints
- Great cabinet strength even at repeatable assembly or disassembly
- Enhanced resilience even in more demanding applications in tall wardrobes or office furniture





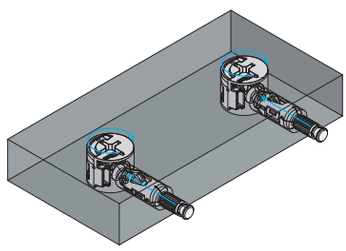
Reliable and comfortable locking

- Smooth and firm tightening at 2 o'clock lock
- Great dowel pull-up for optimal performance
- Strong and reliable joint



Expando function

- Expanding sleeve on dowels assures high resistance to pull-out
- Firm fixing in the dowel hole



Factory pre-insertion

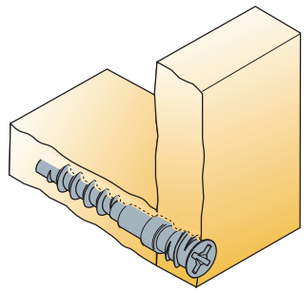
- With Quickfit TL5 and TL2 dowels
- Perfect for RTA market: easier packing and transportation
- The insertion of cams and dowels can be automated using Lama FastFit machine

System 1
Fittings for Rigid Assembly Systems

System Features

Double locking carcase screw

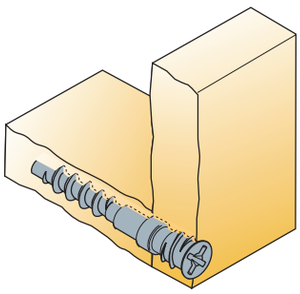
- Zinc diecast for precision
- Titus Double locking carcase screw makes an almost invisible connection
- Collar under the head to pull panels together
- 2nd ‘lower’ thread pulls against a ‘faster’ thread to provide maximum connection force and prevents overdriving of fastener
- Almost invisible in position
- Head can be ‘fastcapped’ or filled



System 1
Fittings for Rigid Assembly Systems

Double Locking Carcase Screw

- High performance from widely spaced primary thread
- Finer secondary thread provides additional holding power and positive stop (no stripping)
- Increased support for vertical panel is gained from the funnel head with collar at its base
- One-piece fitting



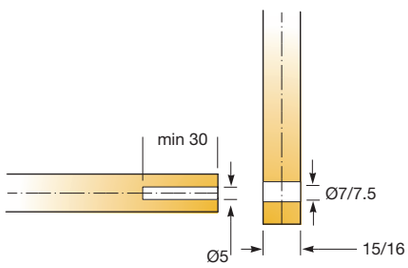
Technical and mounting details

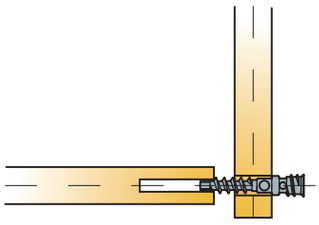
Item number	Zinc
00180	885

Screw 6x42

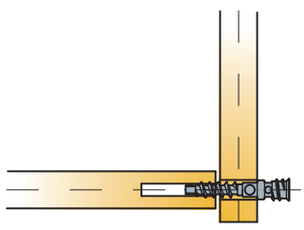




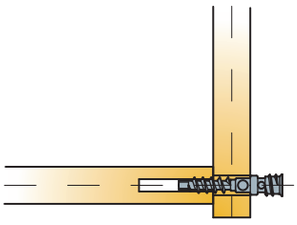




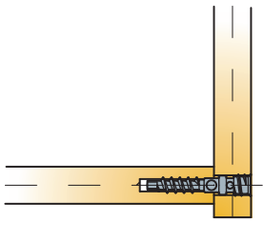
1. Insert screw to shoulder in face board



2. Screw into Ø5mm hole



3. Board joint pulled up by collar on screw

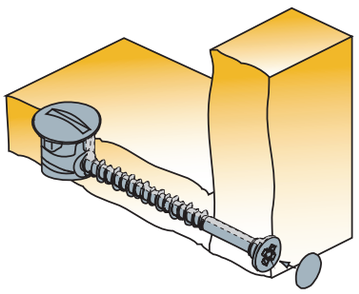


4. Board locked in place by screw

2000 Pcs Made of zinc

System 1
Fittings for Rigid Assembly Systems
Hi-Lo™ Screw and Barrel Nut

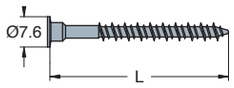
- Hi-Lo™ screws have a twin thread for faster insertion
- 'Hi' threads and 'Lo' threads combine to give excellent pull out in chipboard
- Funnel head design means no countersinking
- Steel is case hardened for extra strength

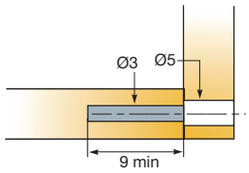


Technical and mounting details

	A		D2				
	Screw diameter		Total Length	Item number	Black	Phosphate	White
Hi-Lo™ screw	4	20	25	**00062** →		852	
	4	23	28	**00068** →		852	
	4	28	338	**00071** →		852	
	4	33	38	**06074** →		852	
	4	40	45	**00077** →		852	
	4	50	55	**00172** →		852	
	4	45	50	**06077** →		852	
	5	45	50	**06080** →		852	







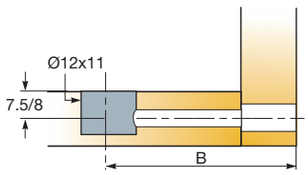
10000 Pcs (00062)
9000 Pcs (00068)
5000 Pcs (06074)
7000 Pcs (00071)
4000 Pcs (00077)
3000 Pcs (00172, 06077, 06080)

Made of steel

Barrel nut				**01056** →	835		877







Other colors on request

10000 Pcs

Made of plastic

Screw cap	pozi, philips	**01020** →	835	877
	hexagon	**01042** →	835	877



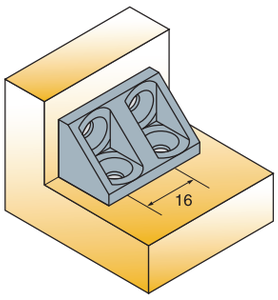
Other colors on request

50000 Pcs

Made of plastic

System 2
Fittings for Face-boring Applications

- Range of fixing blocks for multiple applications
- Face drilling only required
- Durable plastic material is flexible providing greater holding power
- Choose screw fastening or hammer insertion

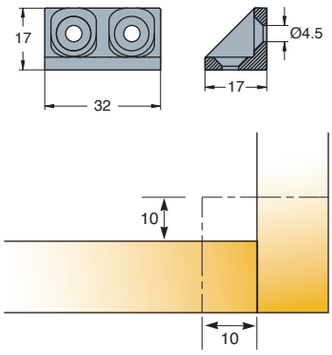


Technical and mounting details

Item number	White
02077	877

Housing (no nose)





2000 Pcs

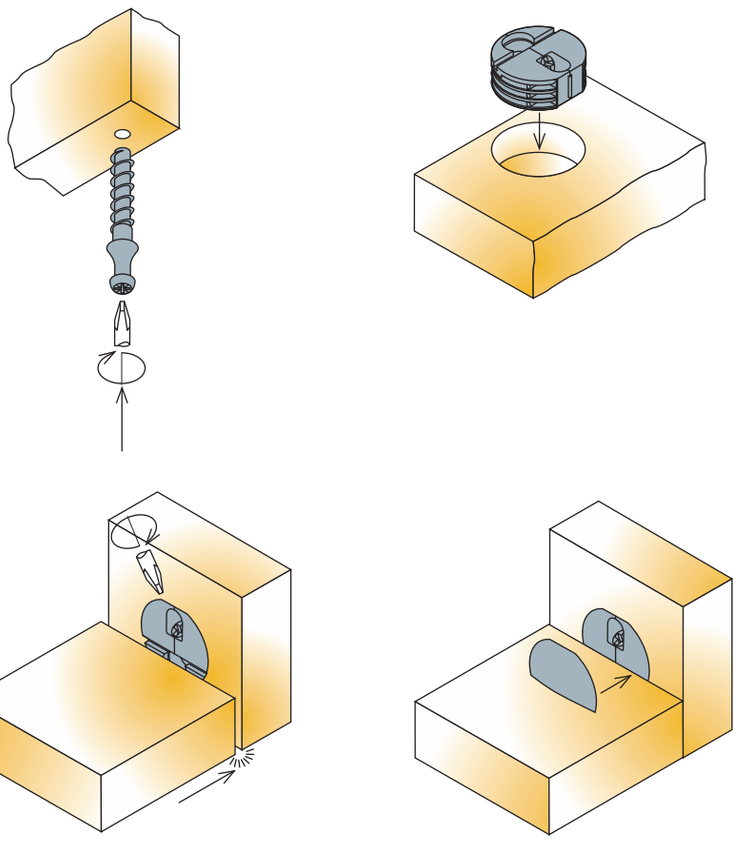
Made of plastic

System 3
Fittings for Face and Edge Boring

System Features

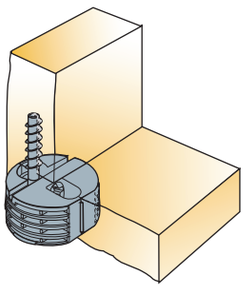
Titus System 3 is a two component rigid face and edge drilled fastening with half turn to fasten. System 3 offers almost full concealment and wide tolerances in use.

- Automatic or in-factory placement
- Pre-location pin ensures ease of assembly
- Less than one turn of a screwdriver to fasten
- Shelf edge installation of pin means maximum shelf cut size tolerance
- Can be used on 12mm shelf panels
- No loose parts for maximum convenience in RTA
- Drawer front fixing, cabinet construction



System 3
Fittings for Face and Edge Boring
Concealed Housing

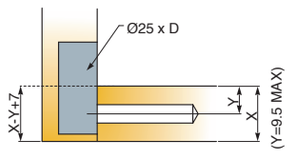
- One turn locking system reduces assembly time, both in the factory and home
- Pre-assembly feature for consumer convenience
- Choice of dowels to suit drilling
- Hi-Lo screw feature for faster insertion



Technical and mounting details

	C	D	D2						
	Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread	Item number	Black	Zinc plated	Dark brown	White	Yellow passivate
Housing assembly		12.5		**03118**	835		831	877	
				Other colors on request					
Screw dowel Ø5	30		5	**03165**		883			
Screw dowel Ø3	25		3	**03090**		883			
	30		3.75	**03181**					881



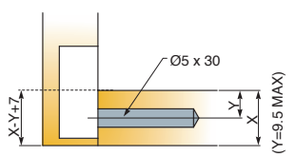


X, Y - depends on board thickness

2500 Pcs

Made of plastic or zinc, plastic



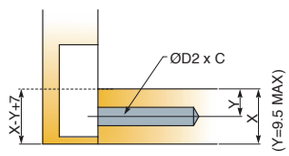


X, Y - depends on board thickness

1000 Pcs

Made of steel





X, Y - depends on board thickness

2000 Pcs

Made of steel

System 4
Fittings for
Face-boring Only

System Features

Cost effective one piece fittings with face boring benefits

- Flush and block components
- Face-boring only
- Good tolerances
- One piece connectors
- Angledriv versions fastening with maximum driving power and flexibility
- Quickloc™ versions need only one turn to tighten for fast assembly
- Foolproof consumer home insertion

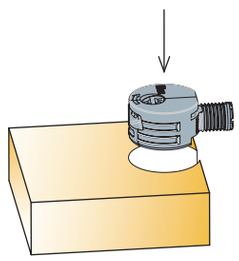
Quickloc™
One-piece connector

The integrated housing and dowel make Quickloc™ the most user-friendly and tolerant product available.

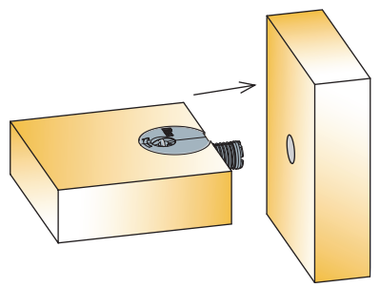
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

Quickloc™ Assembly

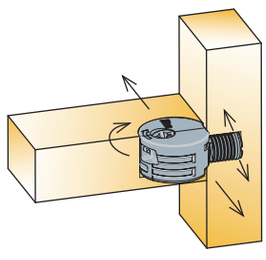
1. Press Quickloc into the face board



2. Assemble the panels



3. Tighten in less than one turn



System 4
Quickloc™
One Piece Expanding Connector

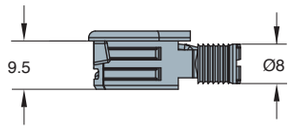
- An innovative, one-piece connector, capable of hand insertion
- Highly tolerant and tightens in less than one turn
- Face-bored product
- Offers a high degree of drilling tolerance and is the only connector of its type to provide pull-up of cabinet panels when tightened

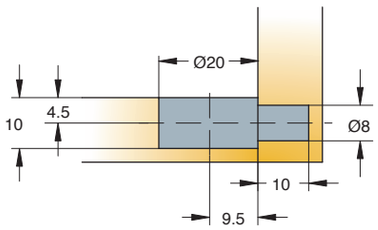


Technical and mounting details

Item number	Dark brown	Black	White	Tan
Quickloc Ø20 flanged				
06803	834	835	877	871





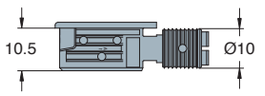


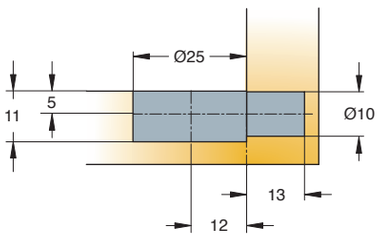
2500 Pcs

Made of zinc, plastic

Item number				
Quickloc Ø25 flanged				
06802	831	835	877	





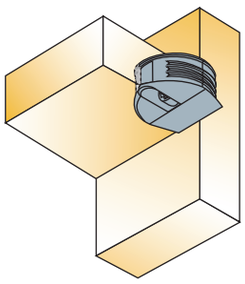


1500 Pcs

Made of zinc, plastic

System 4
Fittings for
Face-boring Only
Flushbloc™ / Flushfix™

- The Angeldriv screw provides high level of tolerance
- Face drilling only required
- Corner joint and shelf fixing options



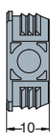
Technical and mounting details

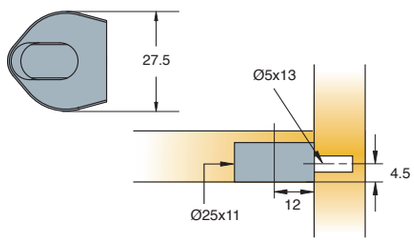
Item number	Black	Dark brown	White	Zinc
02190	835	831	877	

Other colors on request

Flushbloc™ assembly







2500 Pcs — Made of plastic

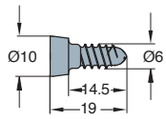
Angeldriv screw for use with Flushfix™

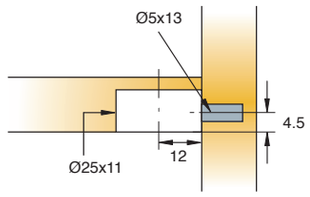
flat head

Item number	Black	Dark brown	White	Zinc
00022				855

Other colors on request



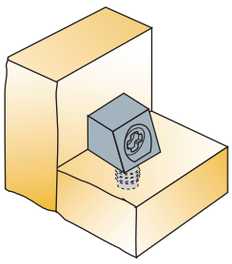




4000 Pcs — Made of zinc

System 4
Fittings for
Face-boring Only
Minibloc™ / Twinbloc™

- One-piece connector range
- Face drilling only required
- Easy to use, foolproof home insertion
- Angeldriv screw tolerates good levels of inaccurate drilling increasing consumer confidence

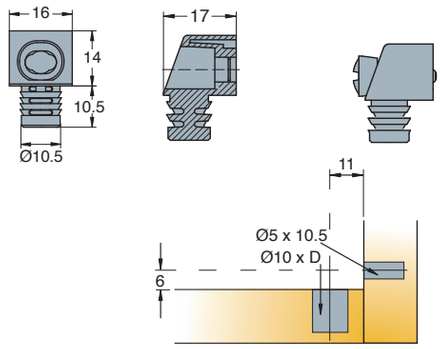


Technical and mounting details

	D			
	Drilling depth	Item number	Dark brown	White
Minibloc Ø10	11	*02120	831	877

** Assembly with screw*





2500 Pcs

Made of zinc, plastic

Angledriv screw ⇢ *see page 1.17*

System 5
Cams and Dowels

System Features

The most advanced cam and dowel range

Titus System 5 is a comprehensive range of cam and dowel connecting fittings with 'Klix' and Quickfit features for all cabinet applications:
panel-to-panel, panel-to-hollow profile, back-to-back

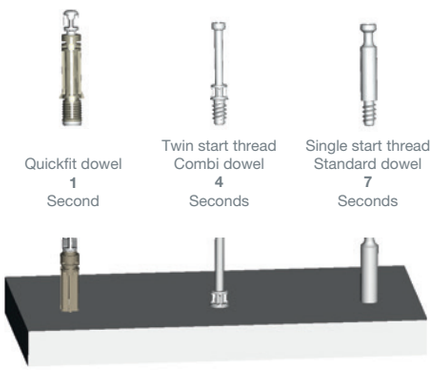
Dowels

- **Quickfit TL5, 'Full metal jacket'**
  a high performance Quickfit dowel for use in multiple wooden materials
- **Quickfit TL2, TL4, TL5 dowels**
  a unique solution for factory pre-insertion, high level of drilling tolerances
- **Quickfit dowels**
  quick hand insertion, easy assembly
- **Diecast dowels (zinc)**
  precise manufacturing, optimal shape and design
- **Turned dowels (steel)**
  'traditional' design, smooth surface, best strength performance
- **Combi dowels (zinc and steel)**
  high precision of zinc, strength of steel, 100% dimensional accuracy and optimal performance

Titus 'Klix'™

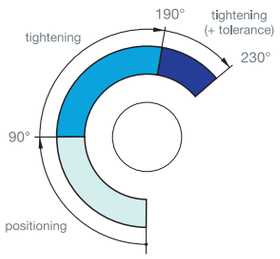
Titus 'Klix' locking system ensures the engagement of the interlocking teeth on cam and dowel providing:
· vibration-proof joint
· rigid construction that will not loosen in service or transit

Dowel insertion time comparison



2 o'clock lock Smooth closing

Linear cam profile assures smooth, firm tightening action and greater pull-up. The cam always locks at 2 o'clock lock (230°), enabling greater consumer confidence in use while improving furniture quality.

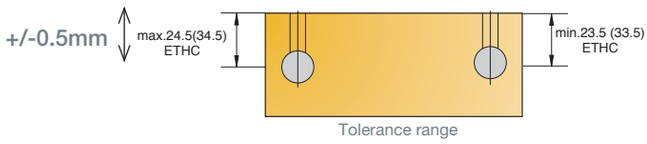


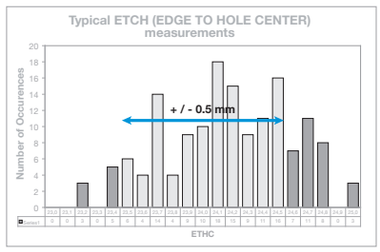
Optimal performance and perfect joint
even with inaccurate drillings.

Drilling tolerances

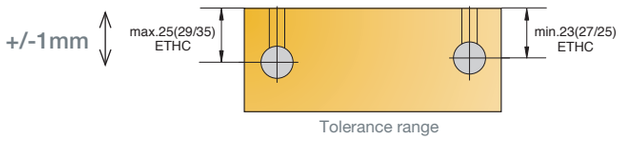
Optimal performance and perfect joint
even with inaccurate drillings.

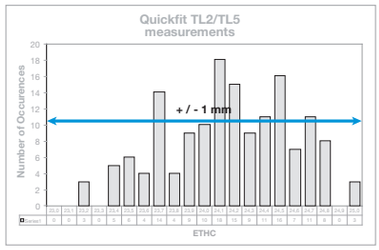
Zinc/Combi dowel



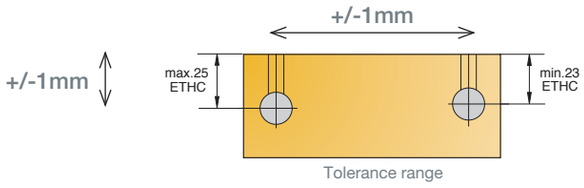


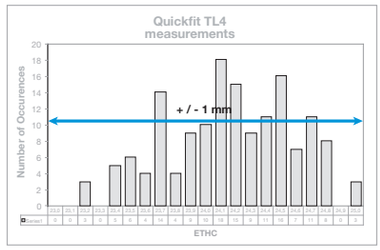
Quickfit TL5 dowel, Quickfit TL2 dowel





Quickfit TL4 dowel



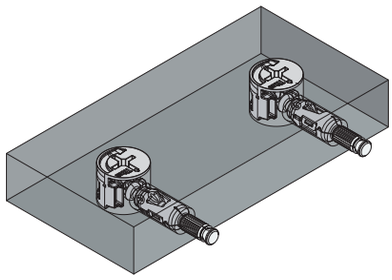


ETHC=Edge To Hole Center

Quickfit dowels for factory insertion

Quickfit TL5, Quickfit TL4, and Quickfit TL2 are the only dowel solutions designed for factory pre-insertion

- Optimised packaging processes
- Reduced risk of quality issues and claims
- Ideal for the RTA market



System 5
Cams and Dowels

Cam5000

Highly resistant joint for strong cabinet construction

Reinforced cam evenly engages the hole and prevents cam tilting and cam bursting.

Increased joint resistance enables effective performance in wider tolerance range.



Linear cam profile

Linear cam profile ensures:
- Smooth tightening action
- Greater dowel pull-up



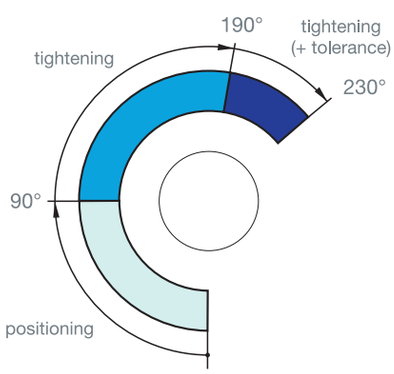
Cam retaining pips

Cam retaining pips ensures:
- The cam is held in position prior to assembly
- Secure cam positioning during transport and handling
- Accurate factory insertion



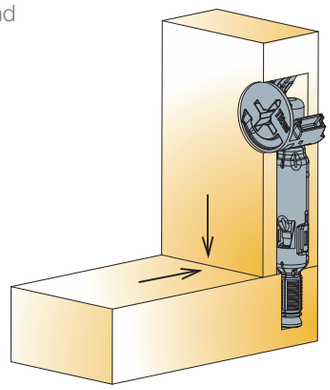
2 o'clock lock

Smooth and noticeable locking at the 2 o'clock position guarantees:
- always-right tightening for home assembly
- strong and rigid cabinet construction



Optimised cam profile

Optimised cam profile ensures smooth and tight joint with no gap between panels.



Optimal performance with all Titus dowels

Quickfit TL, Quickfit, Combi, end, double ended, angled and other screw-in dowels



System 5
Cams and Dowels

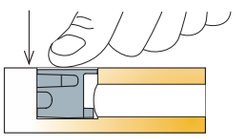
Quickfit Connectors

It is the fastest assembly system on the market. The Quickfit™ dowel may be inserted by hand, using only finger pressure. This eliminates the labour intensive process of screw-in assembly and the potential panel damage.

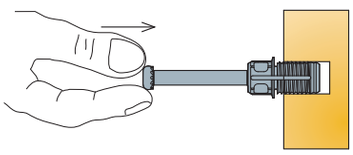
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lenghts of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

Assembly

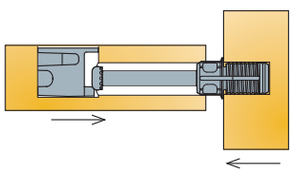
1. Press the cam into face board



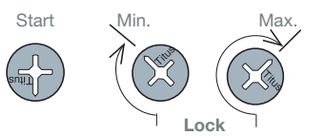
2. Insert the dowel into side panel

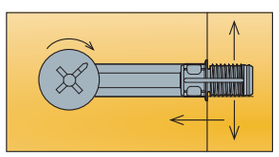


3. Assemble the panels

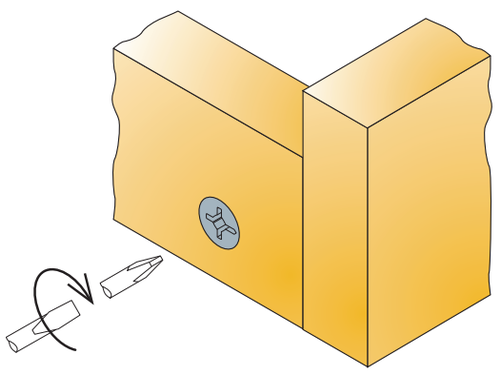


4. Tighten the cam to lock dowel





5. Assembled panels



Quickfit TL Connectors

Quickfit-TL™ dowel offers furniture manufacturers a fast assembly system providing high drilling tolerances. It has a built-in self-adjustment feature, which enables common drilling inaccuracies to be overcome.

For the self-assembly furniture consumer, Titus Quickfit-TL™ is the most consumer friendly fitting on the market. Apart from the benefit of fully tightened joints and easy locking into the same position, Quickfit-TL™ provides an exceptionally smooth action when tightened, requiring very little effort.

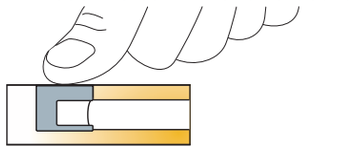
Drilling tolerances

Marginal inconsistencies of drilling and the problems associated with the natural movement of wood panels, no longer present problems.

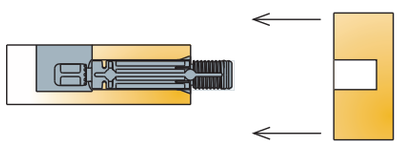
Quickfit-TL™ provides a tolerance of +1/-1mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

Assembly

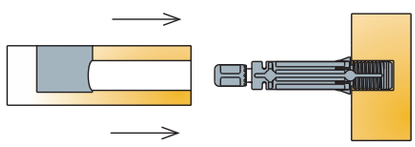
1. Press the cam into face board



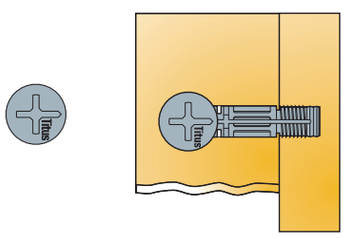
2a. Either push dowel into edge hole or...



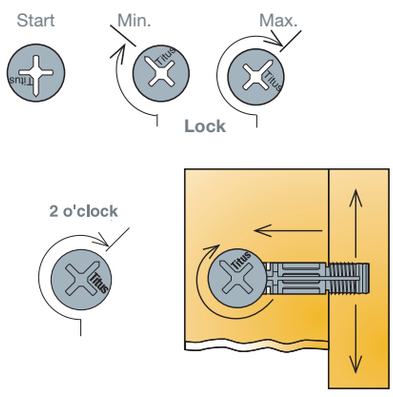
2b. Insert the dowel into side panel



3. Assemble the panels



4. Tighten cam to lock dowel



System 5
Cams and Dowels

Quickfit TL5 'Full Metal Jacket'

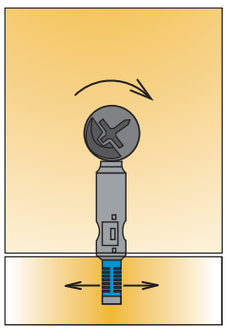
Effective performance in multiple wooden materials

Smooth and noticeable locking at the 2 o'clock position position guarantees:
- tight joints
- always-right tightening at home assembly
- strong and rigid cabinet construction



Strong and reliable joint

Expanding steel sleeve assures high resistance to torsion and pull-out.



High drilling tolerances

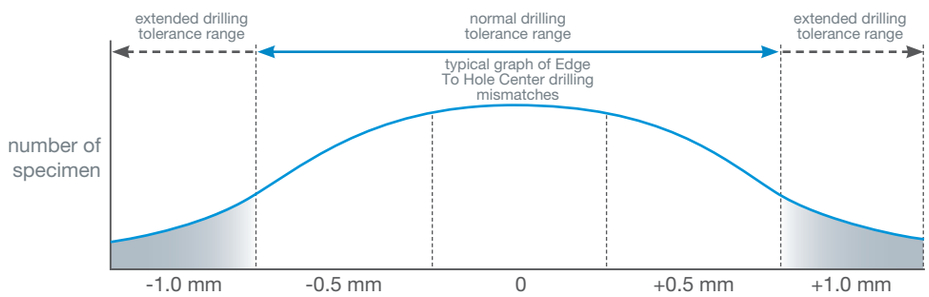
An extended dowel head design works as a positive stop against the cam and provides an ETHC tolerance of min. +/-1mm

Fully tightened joint assured even at marginal inconsistencies of drilling and problems associated with the natural movement of wood panels.



Tolerance range

ETHC-Edge To Hole Center



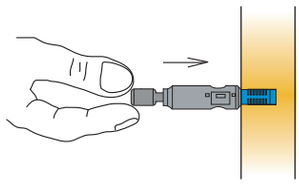
Shape of dowel sleeve

- Acts as a positive stop when face inserted
- Ensures correct insertion depth



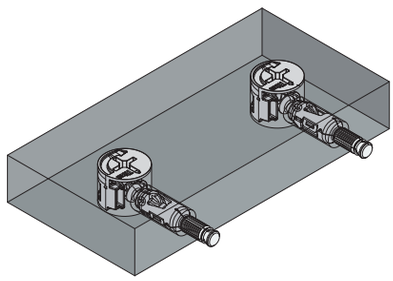
Tool-free insertion for Ø5mm dowel holes

Quickfit TL5 reliably engages the 5mm dowel hole.
It enables the usage of tool-less Quickfit dowel insertion technology across a wide range of applications.

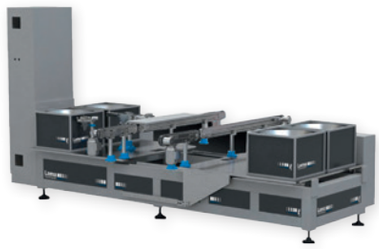


50% less time to assemble the cabinet at home

When edge inserted the dowel engages the cam and remains securely positioned until the boards are locked together.



For maximum efficiency the insertion process can be automated using the Titus proprietary Lama FastFit machine.



Fast and easy cabinet assembly at home.

CAF Quick & Easy

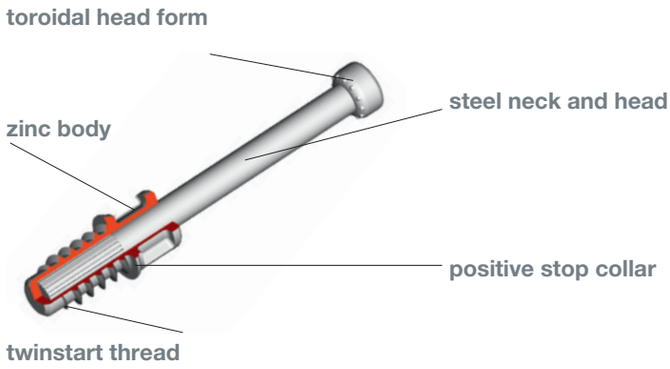
Consumer Assembly Friendliness

System 5
Cams and Dowels

Zinc+steel Combi Dowels

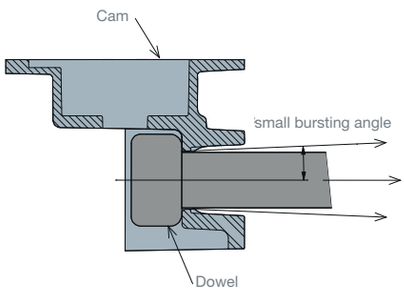
Zinc+steel technology for optimal strength and performance

The Combi dowel combines steel and a small amount of zinc to ensure high precision and dimensional accuracy, essential to provide furniture manufacturers with the broadest possible range of drilling tolerances.

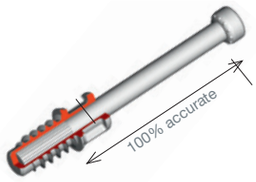


The steel neck and head provide better resistance to torsion and pull-out enabling a high performance joint

Zinc body:
Positive stop collar ensures correct insertion depth
Twinstart for faster and more stable insertion



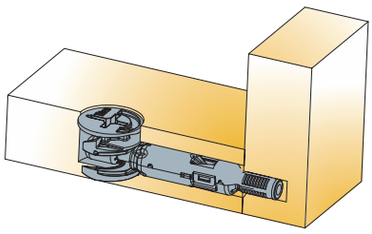
The toroidal dowel head form transfers the forces between cam and dowel more effectively resulting in a small cam bursting force.



100% dimensional accuracy assured

System 5
Cams and Dowels
Quickfit TL5 'Full Metal Jacket'

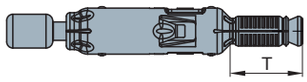
- Drilling tolerances of +1/-1mm when edge inserted
- Expanding steel sleeve assures a strong joint, highly resistant to pull-out
- Tool-free insertion technology for Ø5mm holes in multiple wooden materials (chipboard, MDF, solid wood)
- For use with Cam5000

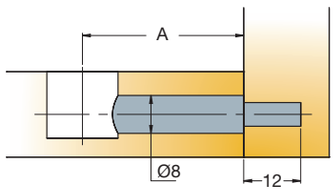


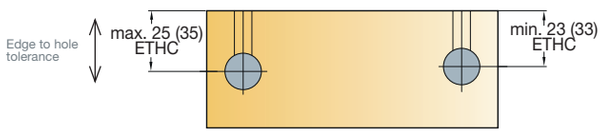
Technical and mounting details

	A	T		
	Drilling distance	Thread length	Item number	TeraBlack
Quickfit TL5 dowel				
	34	11.5	**09652** →	956
	24	11.5	**09651** →	956









Tolerance range

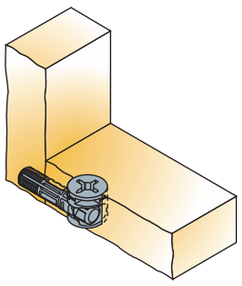
Suitable for Cam5000 only

1000 Pcs

Made of steel

System 5
Cams and Dowels
Quickfit TL Dowels

- Available in Ø5mm and Ø8mm for panel-to-panel applications
- Suitable for use with all Ø15mm Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Highly tolerant in edge-inserted, TL4 also in face-inserted applications

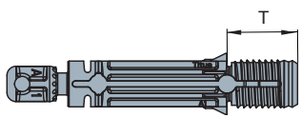


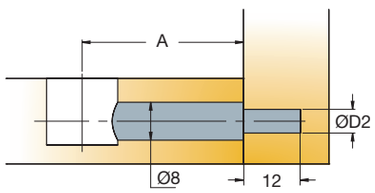
Technical and mounting details

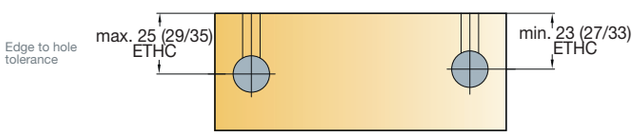
	A Drilling distance	N Drilling depth	T Thread length	Item number	Black	Dark grey
Quickfit TL2	24	12	11.6	**05441** →		880
	34	12	11.6	**05474** →		880



D2=Ø5mm







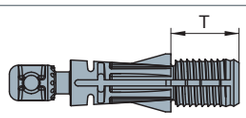
Tolerance range

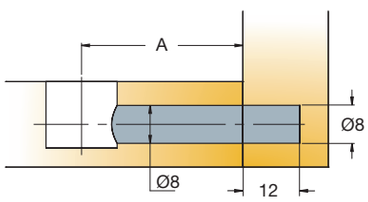
2000 Pcs
1000 Pcs (05474)

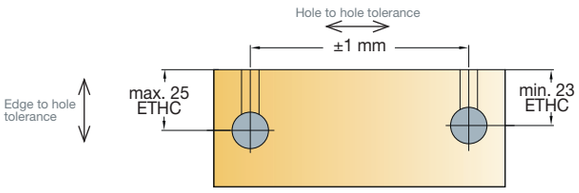
Made of zinc, plastic

Quickfit TL4	24	12	11.2	**05388** →	835	









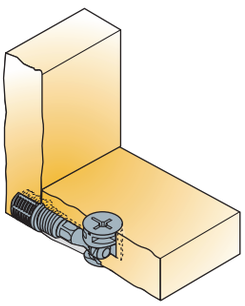
Tolerance range

3000 Pcs

Made of zinc, plastic

System 5
Cams and Dowels
Quickfit Dowels

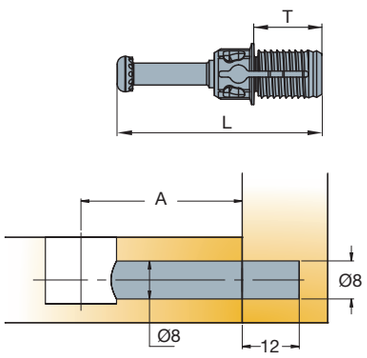
- Available in Ø8mm and Ø10mm
- Suitable for use with all Ø15mm Cam3000 and Cam5000
- 'Klix' locking feature provides a strong, vibration proof joint
- Depth stop collar for accurate insertion



Technical and mounting details

	A Drilling distance	N Drilling depth	T Thread length	Item number	Dark grey
Quickfit dowel Ø8mm	24	12	11.5	**05025** →	880
	34	12	11.5	**05026** →	880



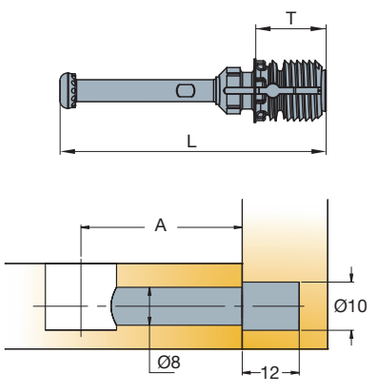


2000 Pcs

Made of zinc, plastic

Quickfit dowel Ø10mm	24	12	11.5	**05052** →	880
	34	12	11.5	**05050** →	880
	34	9.5	9.2	**05147** →	880



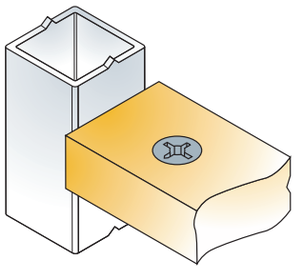


2000 Pcs

Made of zinc, plastic

System 5
Cams and Dowels
Quickfit P2F Dowels

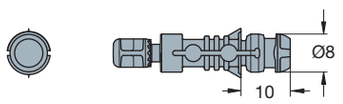
- The only product to enable standard panel drilling and connection of panel and hollow profile
- Available in Ø8mm for panel-to-hollow metal profile applications
- For use with all Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint

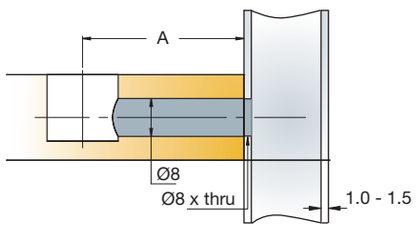


Technical and mounting details

	A		
	Drilling distance	Item number	Black
Quickfit P2F	24	**05414** →	835





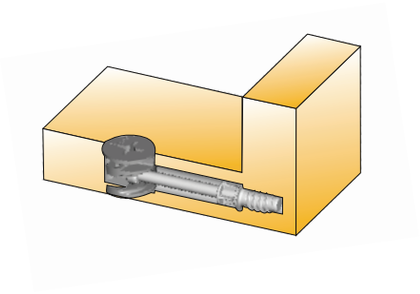


2000 Pcs

Made of zinc, plastic

System 5
Cams and Dowels
Combi Dowel

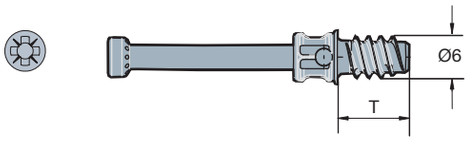
- High quality zinc-steel dowel with greater resistance to torsion and pull-out
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000 and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Twinstart thread for faster and reliable insertion

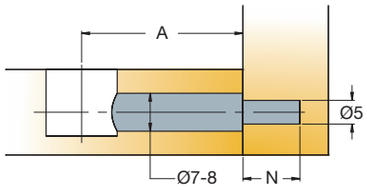


Technical and mounting details

		A Drilling distance	N Drilling depth	T Thread length	Item number	Zinc
Combi dowel Ø5	PH2 head	34	12	11	*09424 →	885
	PH2 head	24	12	11	*09423 →	885
	PH2 head	34	9	8.5	*09456 →	885







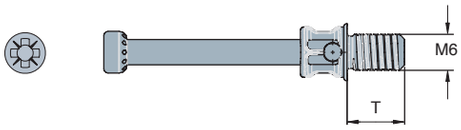
2000 Pcs

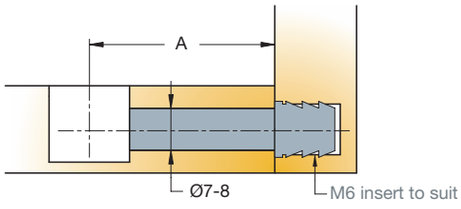
Made of steel and zinc

Combi dowel M6		34		8	09592 →	885
		34		10.5	09594 →	885

X → drilling depth of M6 insert





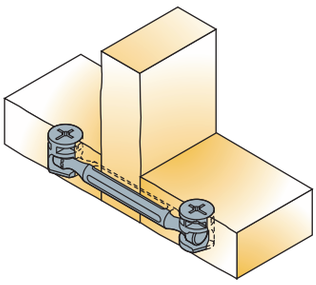


1000 Pcs

Made of steel and zinc

System 5
Cams and Dowels
Double-ended Dowel

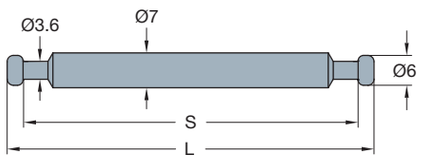
- Available in Ø7mm
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000 and Cam5000 products
- No circlip for increased tolerance
- Available in a variety of lengths to suit most panel-to-panel applications

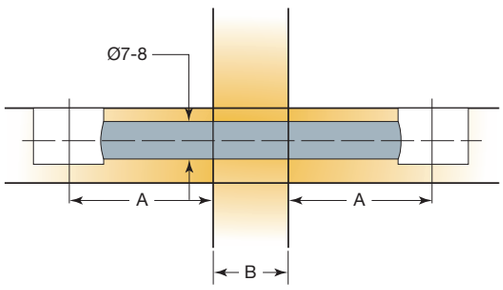


Technical and mounting details

Dowel without circlip







S Lenght	L Total lenght	A Drilling distance	B Panel thickness	Item number	Zinc plated
41	47.4	24	0*	**05929** ⟶	883
61	67.4	34	0*	**05757** ⟶	883
80	86.4	34	19	**05753** ⟶	883
60	66.4	24	19	**05778** ⟶	883

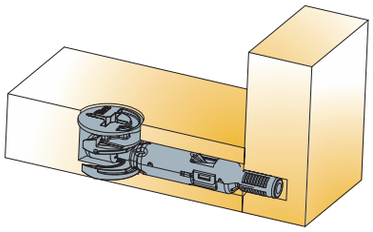
*B=0 ⟶ no panel required

2000 Pcs (05929)
1000 Pcs (05757)
500 Pcs (05778)
250 Pcs (05753)

Made of steel

System 5
Cams and Dowels
Cam5000 Ø15mm

- 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 a cam is held in panel position prior to assembly

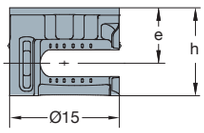


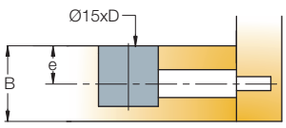
Technical and mounting details

Cam5000 cross drive

PZ2 drive







1000 Pcs Made of zinc

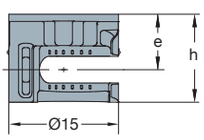
B Panel thickness	D Drilling depth	e Drilling for dowel	h Cam height	Item number	Zinc	TeraBlack
12/13	10.5	6 min	9.9	**09695** →	885	959
15/16	12.5	7.5-8	11.9	**09690** →	885	959

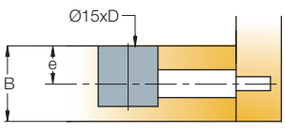
Use standard cover caps with pin=Ø4mm

Cam5000 hexagonal drive

combined drive with HEX







1000 Pcs Made of zinc

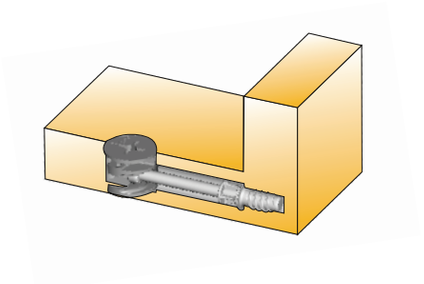
B Panel thickness	D Drilling depth	e Drilling for dowel	h Cam height	Item number	Zinc	TeraBlack
15/16	12.5	7.5-8	11.9	**09699** →	885	959
18/19	14	9-9.5	13.2	**09692** →	885	959

Use standard cover caps with pin=Ø4mm

Cover caps for Ø15 cams
Made of plastic
→ *see page 1.43*

System 5
Cams and Dowels
Cam3000 Ø15mm

- Its optimised shape provides a more efficient cam profile with smooth tightening action and greater dowel pull-up
- Suitable for use with Combi dowels, forged steel dowels, Quickfit dowels and Quickfit TL dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam-retaining pips ensure that a cam is held in panel position prior to assembly

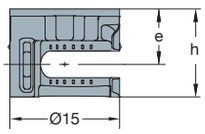


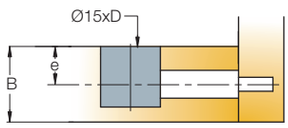
Technical and mounting details

		B Panel thickness	D Drilling depth	e Drilling for dowel	h Cam height	Item number	Zinc
Cam3000 cross drive		12/13	10.5	6 min	9.9	**09495** ⇢	885
		15/16	12.5	7.5-8	11.9	**09533** ⇢	885

Black available upon request







1000 Pcs

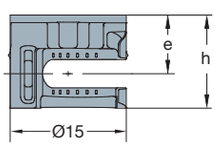
Made of zinc

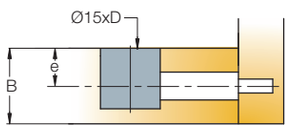
Cam3000 hex drive	combined drive with HEX	15/16	12.5	7.5-8	11.9	**09537** ⇢	885
		18/19	14	9-9.5	13.2	**09536** ⇢	885

Use standard cover caps with pin=Ø4mm

Black available upon request







1000 Pcs

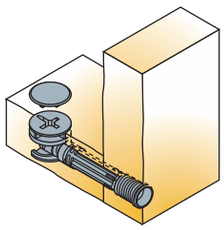
Made of zinc

Cover caps for Ø12 cams
Made of plastic

⇢ *see page 1.36*

System 5
Cover Caps

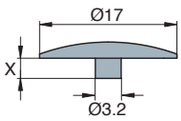
- Available in a variety of colors
- Suitable for use with both pozi and hex cam drive features
- Suitable for use with various diameter cams
- Both domed and flat versions available



Technical and mounting details

	X	Item number	Dark brown	Black	Light brown	White
Cover cap Ø17	3.3	***01029** →	831	835	867	877
			Other colors on request			
			Works with PZ2 drive caps: 05644, 09533, 09495, 09690, 09695			



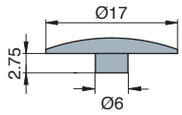


25000 Pcs

Made of plastic

		Item number	Dark brown	Black	Light brown	White
Cover cap Ø17		**01026** →	831	835	867	877
		Other colors on request				
		Works with HEX drive cams: 05654, 05656, 09692, 09536, 09537				





1000 Pcs

Made of plastic

System 6 Information

System Features

A face boring connector family for 32mm system drilling with full range of panel and application variants for all cabinet manufacturing applications.

- Minimum drilling requirements
- Linear cam design for constant tightening loads when driving
- Angledriv feature on cam for maximum driving comfort
- Interchangeable pins for wood, plastic and steel applications
- Pins with twinstart drive for fast insertion
- Interchangeable Quickfit pin fastenings available
- Tool-less fastening capable versions
- Back-to-back fastenings for common vertical panel fixing of shelves

System 6 consists of a range of 20mm diameter housing, Quickfit™ and conventional dowels, end dowels and double ended dowels.

Housings are made from high grade plastic or zinc, with zinc cams.

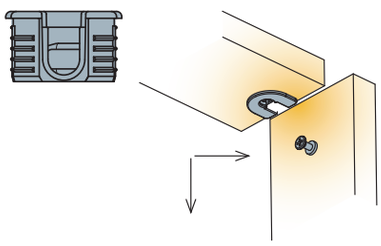
Wedgefix-6 connector is a special fastener without cam, simply to snap onto a pre-inserted dowel.

Applications

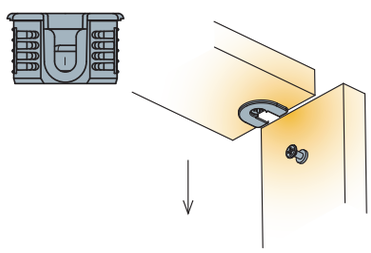
Titus System 6 is ideal for use in high volume production of case goods, closet and garage storage systems. Because no edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry Drop-on

Side-entry insertion of shelf panel: from the side or from the top



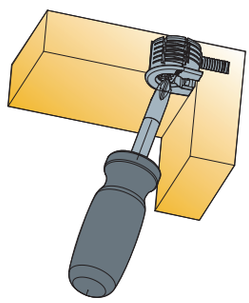
Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Angledriv feature

The angledriv feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.

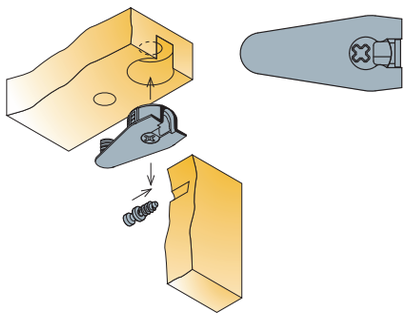




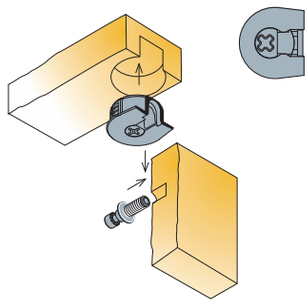
System Features

Outrigger/ Non outrigger

Outrigger

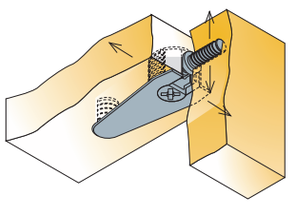


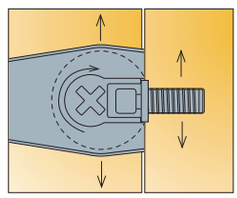
Non outrigger



Expando function

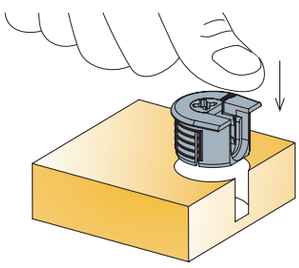
Expanding housings and dowels provide a tight joint.



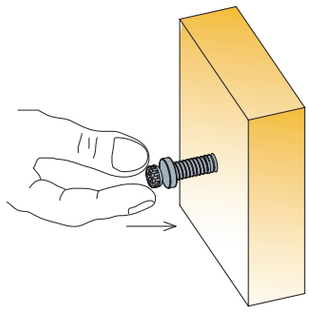


Assembly

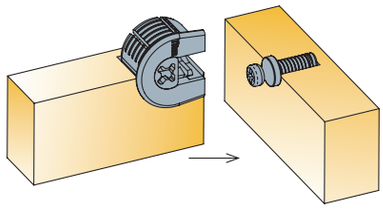
1. Press the housing into face board



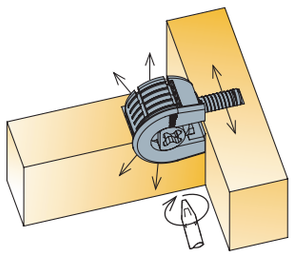
2. Press the dowel into side panel



3. Assemble the panels

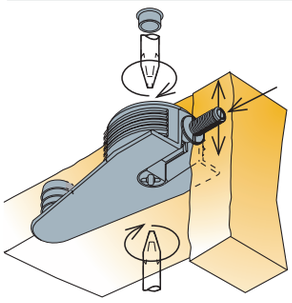


4. Tighten the joint



System 6
Expanding Dowels

- Available in Ø5mm for panel-to-panel, panel-to-hollow profile and back-to-back applications
- Suitable for applications with all Titus Ø20 and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Depth stop collar for accurate insertion

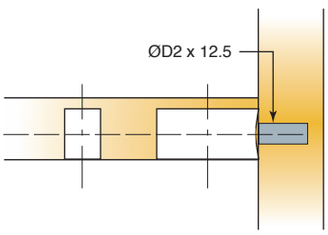


Technical and mounting details

	D2 Drilling diameter for dowel thread	Item number	Dark grey
Dowel	5	**06408** →	880



D2= Ø5mm

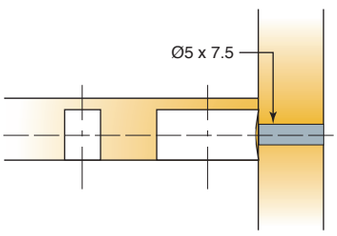


5000 Pcs

Made of zinc, plastic

Dowel Ø5 x 7.5 back-to-back applications		**06479** →	880



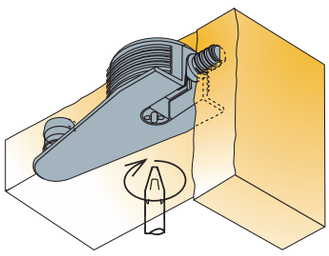


5000 Pcs

Made of zinc, plastic

System 6
Quickfit-Expando
Dowel

- Available in Ø5mm thread forms for screw-in, knock-in and/or 'spiked' hole applications
- Suitable for applications with all Titus Ø20mm and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Dowels feature an integral skirt which acts as a positive stop during insertion

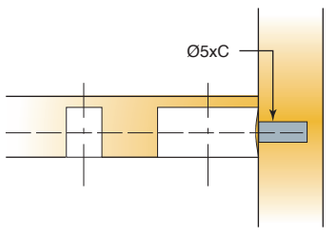


Technical and mounting details

Dowel Ø5







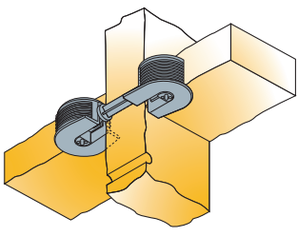
C Drilling depth for dowel thread	Item number	Zinc	Steel
9	**06401**	885	
8	**06402**	885	883
11.5	**06406**	885	883

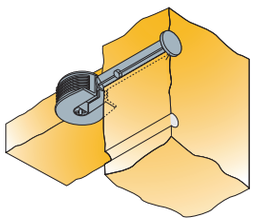
4500 Pcs (steel)
5000 Pcs (zinc)

Made of zinc or steel

System 6
Double-ended Dowels
End Dowels

- For 16mm, 18mm and 19mm board
- Suitable for applications with all Titus Ø20mm and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection

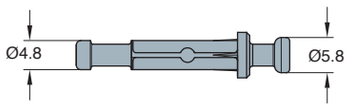


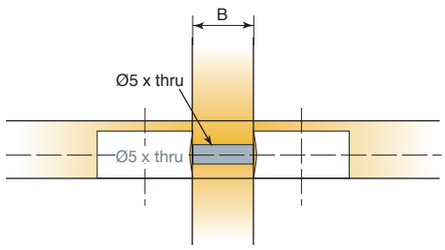


Technical and mounting details

	B			
	Panel thickness	Item number	Steel	Zinc
Double-ended dowel	16	**06414** →		885
	19	**06416** →		885



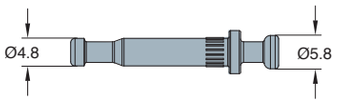


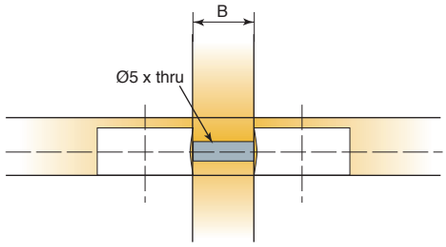


2500 Pcs Made of zinc

Double-ended dowel	19	**06389** →	883	



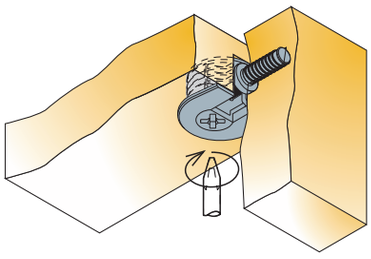




2500 Pcs Made of steel

System 6
20mm Knock-in Housing
Non-outrigger

- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in all-metal or plastic/metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels

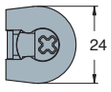


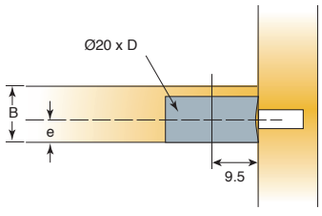
Technical and mounting details

	e	B Panel thickness	D Drilling depth	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
Side-entry	7.75	15/16	12.5	**06381** →	841	898		835	877	861	
	9.25	18/19	14	**06385** →	841	898		835	877		

Other colors on request







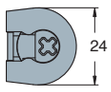
2500 Pcs

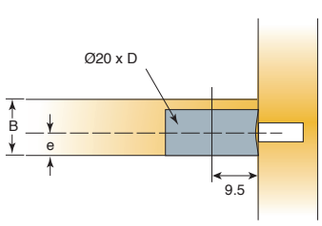
Made of plastic

Drop-on	7.75	15/16	12.5	**06383** →	841	898	882	835	877		
	9.25	18/19	14	**06387** →	841	898	882	835	877	861	

Other colors on request





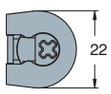


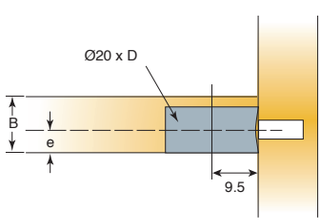
2500 Pcs

Made of plastic

Drop-on	7.75	15/16	12.5	**06447** →							847
	9.25	18/19	14	**06449** →							847





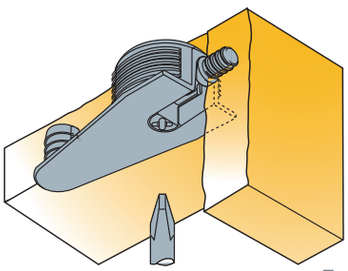


500 Pcs

Made of zinc

System 6
20mm Knock-in Housing
Outrigger

- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in all-metal or plastic/metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels

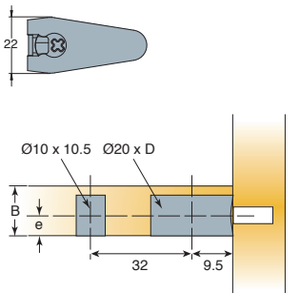


Technical and mounting details

	e	B	D								
		Panel thickness	Drilling depth	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
Side-entry	9.25	18/19	14	**06395** →	841	898		835	877	861	

Other colors on request



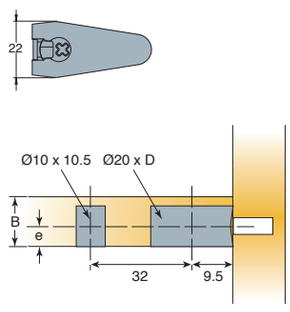


1250 Pcs — Made of plastic

Drop-on	7.75	15/16	12.5	**06439** →	841	898	882	835	877		
	9.25	18/19	14	**06397** →	841	898	882	835	877	861	

Other colors on request

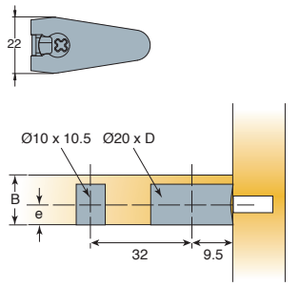




1250 Pcs — Made of plastic

Drop-on	7.75		12.5	**06455** →							847
	9.25		14	**06457** →							847

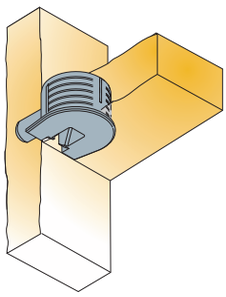




500 Pcs — Made of zinc

System 6
Wedgefix Housing (no Inner Cam)

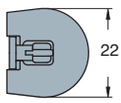
- Available in 12mm, 15mm/16mm and/or 18mm/19mm versions for Quickfit-6 and/or Standard Dowel applications
- Available in a variety of plastic colors
- Wedgefix-6 housing allows easy customer hand-assembly or factory automated insertion
- When used with Quickfit-6 dowels this provides a true tool-less fastening system

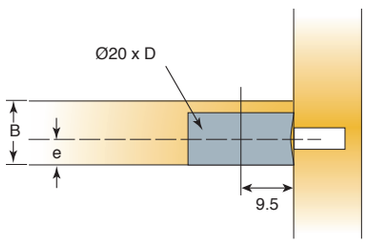


Technical and mounting details

	B	D				
	Panel thickness	Drilling depth	Item number	White	Black	Dark brown
For use with screw-in dowels	15/16	12.5	**06473** →	877	835	898
	18/19	14	**06465** →	877	835	898
			Other colors on request			





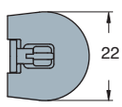


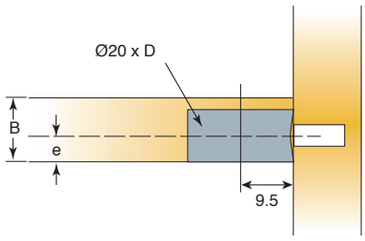
2500 Pcs

Made of plastic

For use with Quickfit dowels	15/16	12.5	**06471** →	877	835	898
	18/19	14	**06472** →	877	835	898
			Other colors on request			







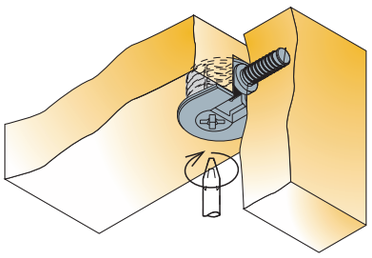
2500 Pcs

Made of plastic

System 6
Flush 20mm Knock-in Housing
Non-outrigger

For use with dedicated drill bit only.
See below.

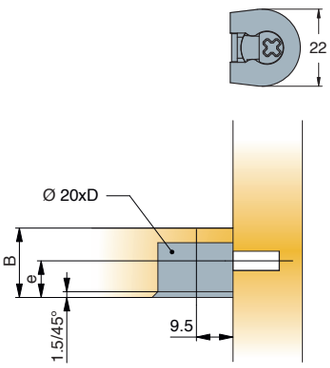
- A face-boring connector with the flush housing permits easy flat-pack transportation without panel damage
- Available for 19mm board thickness for drop-on and/or side-entry applications
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys6 screw-in and Quickfit dowels



Technical and mounting details

	e	B Panel thickness	D Drilling depth	Item number	White plastic
Side-entry	9.5	19	14.2	**06343** →	877



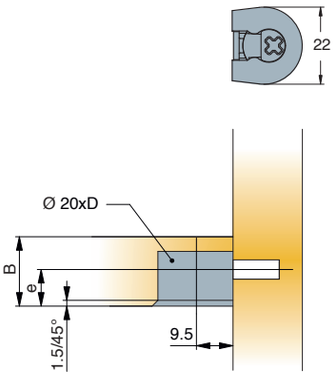


1000 Pcs

Housing made of plastic, cam made of zinc

	e	B Panel thickness	D Drilling depth	Item number	White plastic
Drop-on	9.5	19	14.2	**06348** →	877



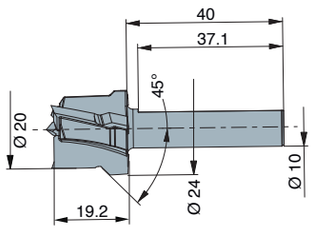


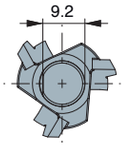
1000 Pcs

Housing made of plastic, cam made of zinc

		Item number
Drill bit for Flush 20mm Knock-in housing	right handed	**0435**
	left handed	**0436**





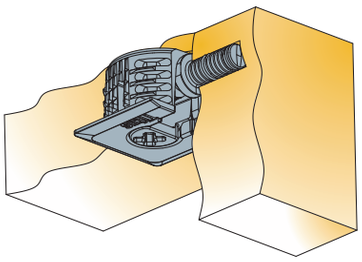


1 Pcs

Made of carbon steel

System 6.S
20mm Knock-in Housing

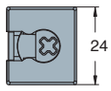
- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in plastic-metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys screw-in and Quickfit dowels

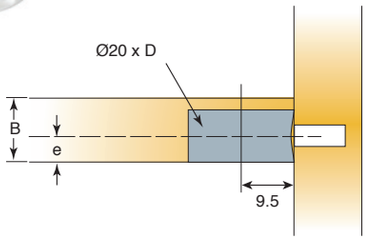


Technical and mounting details

	e	B Panel thickness	D Drilling depth	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
Side-entry	7.75	15/16	12.5	**006661** →	841	898	882	835	877	861	847
	9.25	18/19	14	**006665** →	841	898	882	835	877	861	847







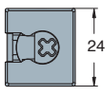
Product available on American and Asian market only

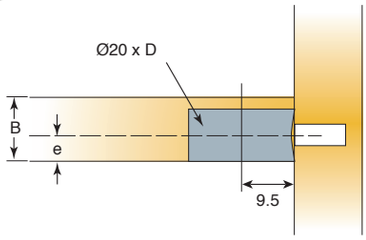
Other colors on request

2500 Pcs — Made of plastic

Drop-on	7.75	15/16	12.5	**006663** →	841	898	882	835	877	861	847
	9.25	18/19	14	**006667** →	841	898	882	835	877	861	847







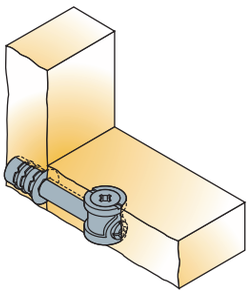
Product available on American and Asian market only

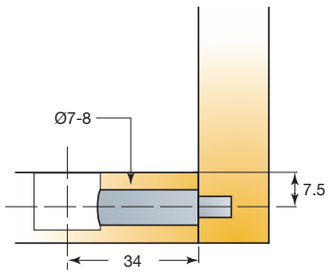
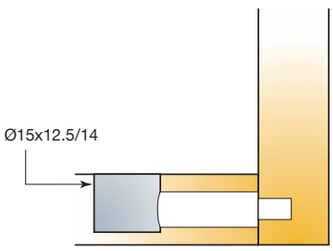
Other colors on request

2500 Pcs — Made of plastic

System 7
High Strength Connectors
Contract Fix™ System

- High performance fastener
- Thread design gives repeatability
- Multi-drive recess
- Higher than average pull up



	Technical and mounting details	Item number	Zinc plated	Zinc
M6 Dowel 7x34		**05971** →	883	
				
1000 Pcs	Made of steel			
Housing cylinder 15x12		**05960** →		885
				
1000 Pcs	Made of zinc			
Grub screw		**05917** →		885
				
2500 Pcs	Made of zinc			

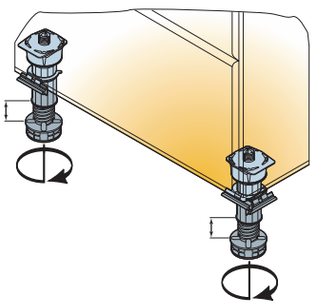
Cabinet Accessories

Adjustable Cabinet Legs

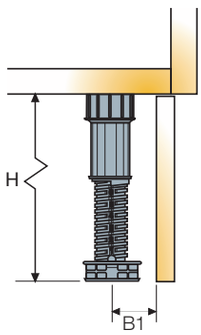
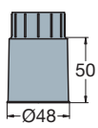
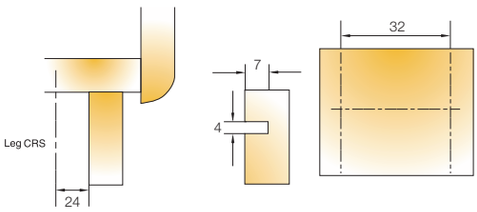
· Adjustable Legs
· Toe-kick clip

Adjustable legs
- Wide adjustment range to fit all toe-kick heights
- Vertical adjustment
- Simple push on attachment to sockets
- Weight/load capacity = 800 lbs/leg

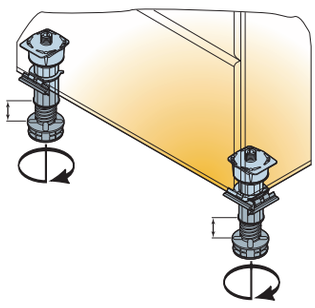
Toe-kick clip
- Spring design eliminates the need for drilling and fits into any position on plinth
- The screw in version can sit in variable plinth positions
- Toe-kick is reversible for corner applications



Technical and mounting details

			B1 Drilling distance	H Fitting height adjustment	Item number	Black
Adjustable leg	 300 Pcs (02653) 200 Pcs	 Made of plastic	**Kit combinations available** **002593.835.550** 002666.835 (4 pcs) 002558.835 (4 pcs) 002523.835 (2 pcs) 25 Sets **002609.835.550** 002666.835 (4 pcs) 002559.835 (4 pcs) 002523.835 (2 pcs) 25 Sets	24	60-90	**02570** →	835
				24	92.5-150	**02666** →	835
				24	125-185	**02653** →	835
Leg extension	 200 Pcs	 Made of plastic			50	**02571** →	835
Toe-kick clip 24 screw-on and press-in	 600 Pcs	 Made of plastic				**02523** →	835

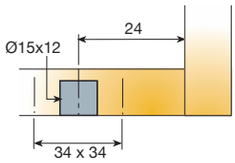
Adjustable Cabinet Legs
Base Sockets



Technical and mounting details

	Item number	Black
Socket 15mm (knock-in expansion)	02560 →	835

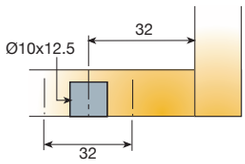




400 Pcs — Made of plastic

Socket 10mm (knock in)	02558 →	835

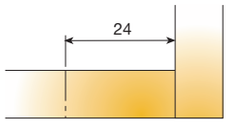




400 Pcs — Made of plastic

Socket (screw mount)	02559 →	835



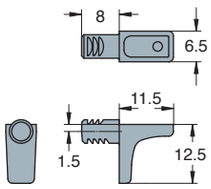
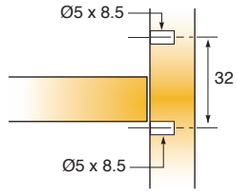
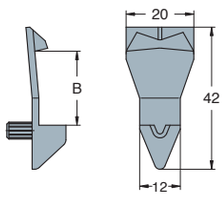
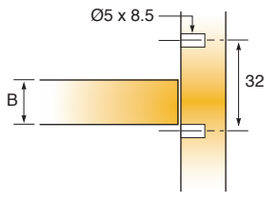
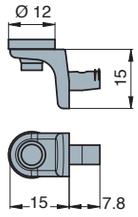
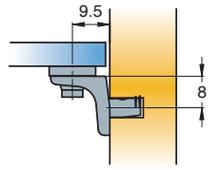
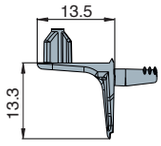
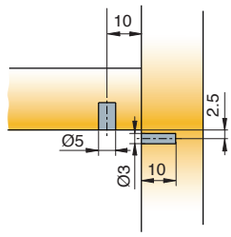
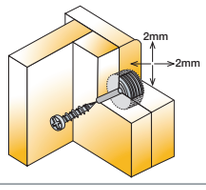
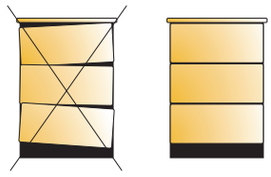
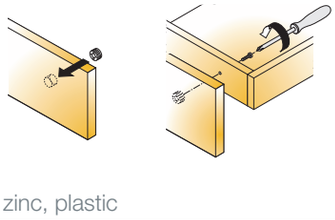


400 Pcs — Made of plastic

Shelf Supports
Drawer Front Adjuster (DFA)

Shelf supports
- Retainer feature traps the shelf in place for security
- Folding design allows the shelf to be post mounted in an assembled cabinet
- Suits a wide range of shelf thicknesses
- Pad for metal shelf support when using glass

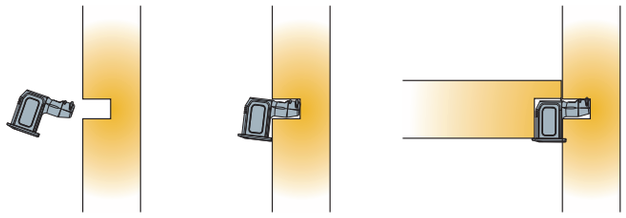
Drawer Front Adjuster
- Multi-direction adjustment +/-2mm
- Locking screw to fasten M4 x TBD
- Independent of drawer system
- One piece housing

	Technical and mounting details	B	Item number	Clear	Nickel	Dark brown
Shelf support (push-in)  2000 Pcs	Made of zinc  		01825 →		847	
Shelf support retainer  4000 Pcs	Made of plastic  	16	01838 →	830		
		19	01843 →	830		
For glass shelves (rock-in)  1000 Pcs	Made of zinc and plastic  		338.9721 →		860	
Shelf support Ø3mm with pin  5000 Pcs	Made of zinc  		01912 →		847	
DFA housing 	**Adjustment range**  Technical and mounting details — Before — After					
 2500 Pcs	Made of zinc, plastic 		06309 →			831

Note: M4 screw required for mounting, not included.

Shelf Q-Peg

- Easy and quick installation
- Structural cabinet stabilty through shelf-to-panel connection
- Minimalistic appearance
- In line with the shelf surface



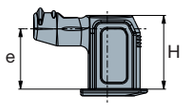


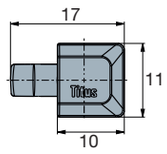
Technical and mounting details

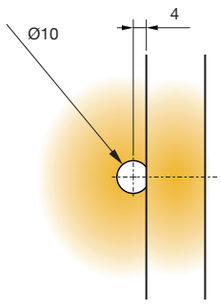
B Panel thickness	D Drilling depth	e Edge to pin hole center	H Height	Item number	Nickel plated	Noir
18	11.5	9	11	**01924** →	847	668
16	10.3	7.75	9.75	**01927** →	847	668

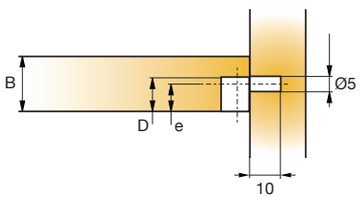
Shelf Q-Peg Square



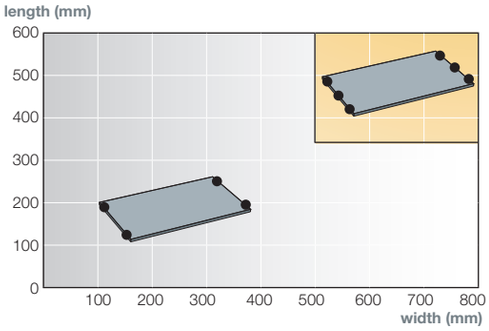








Capacity chart



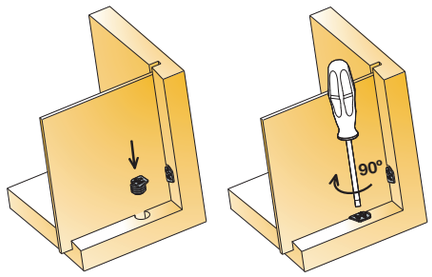
Recommended number of mounted pieces, 4 or 6 per shelf, is determined by its size in accordance with the EN 14749:2016

1000 Pcs

Made of zamak

Backfix Connector

- Push-in design for quick installation
- Structural stability assured with Quarter turn lock
- Suitable for hardboard, chipboard, and MDF back panels
- For factory and home assembly

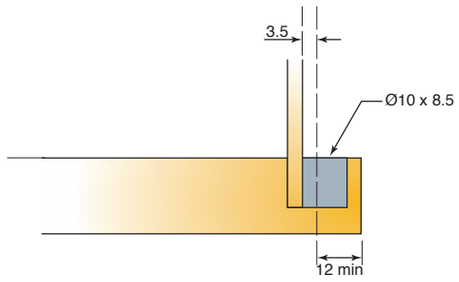


Technical and mounting details

	Item number	Zinc
Backfix	02254	885







1000 Pcs

Made of zinc

Concealed Hinges

Concealed Hinges
A Comprehensive Range

T-type hinge



Quick furniture assembly and consistent performance on wide range of doors
3Way snap-on mounting
Highly tolerant
PressTo tool-free hinge cup fixing
Touch opening for handleless furniture

S-type hinge



Simple snap-on mounting system
Easy assembly and disassembly
ConfidentClose
Touch opening for handleless furniture
Rigid attachment

	Opening angle	Door thickness	Cranking	Door tab K	Mounting mode	Mounting plate type	Mounting plate height	Soft closing options	Page
	95° 110° 120° 170°	15-34mm 15-26mm	0mm 5mm 9mm 17mm angled	3-9mm 3-6mm	'3Way' snap-on	cruciform linear for face frame	0mm 1mm 2mm 3mm 4mm 9mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.23
	110° 170°	16-24mm	0mm 9mm 15mm angled	3-5mm 3-12mm	snap-on	cruciform for face frame	0mm 1mm 2mm 3mm 6mm 9mm 18mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.65

Concealed Hinges
Product Guide

	Cranking	Opening angle	Cup type	Page
T-type				
T-type-i 110	0mm	110°	for wood doors	2.25
	5mm	110°	for wood doors	2.25
	9mm	110°	for wood doors	2.27
	17mm	110°	for wood doors	2.27
T-type-i 110/45°	45°, 9mm	110°	for wood doors	2.29
	45°, 17mm	110°	for wood doors	2.31
T-type-i 110/90° for blind corner	90°, 17mm	110°	for wood doors	2.33
T-type-i 120	0mm	120°	for wood doors	2.35
T-type-i 170	0mm	170°	for wood doors	2.37
	5mm	170°	for wood doors	2.39
	9mm	170°	for wood doors	2.39
T-type 110	0mm	110°	for wood doors	2.41
	5mm	110°	for wood doors	2.41
	9mm	110°	for wood doors	2.43
	17mm	110°	for wood doors	2.43
T-type 110/45°	45°, 9mm	110°	for wood doors	2.45
	45°, 17mm	110°	for wood doors	2.47
T-type 110/90° for blind corner	90°, 17mm	110°	for wood doors	2.49
T-type 120	0mm	120°	for wood doors	2.51
T-type 170	0mm	170°	for wood doors	2.53
	5mm	170°	for wood doors	2.55
	9mm	170°	for wood doors	2.55
T-type for pie-cut corner cabinet			for wood doors	2.57
T-type mounting plates				2.59
T-type mounting plates for face frame cabinets				2.63

	Cranking	Opening angle	Cup type	Page
S-type				
S-type-i3 110	0mm	110°	for wood doors	2.67
	9mm	110°	for wood doors	2.67
	15mm	110°	for wood doors	2.67
S-type-i3 110/45°	45°, 9mm	110°	for wood doors	2.69
	45°, 18mm	110°	for wood doors	2.71
S-type-i3 110/90°	90°, 18mm	110°	for wood doors	2.73
S-type 110	0mm	110°	for wood doors	2.75
	9mm	110°	for wood doors	2.75
	15mm	110°	for wood doors	2.75
S-type 110/45°	45°, 9mm	110°	for wood doors	2.77
	45°, 18mm	110°	for wood doors	2.79
S-type 110/90°	90°, 18mm	110°	for wood doors	2.81
S-type 170	0mm	170°	for wood doors	2.83
	9mm	170°	for wood doors	2.85
S-type for pie-cut corner cabinet			for wood doors	2.87
S-type mounting plates				2.89
S-type mounting plates for face frame cabinets				2.93
Hinge angle restrictors				2.95
Cover caps				2.97

	Cranking	Opening angle	Cup type	Page
Glissando Soft Closing Systems for Hinges				
Glissando TT				2.107
Glissando TL3				2.107
Glissando TL 170				2.109
Glissando CR				2.111
Titusoft Door				2.113
Titusoft FF				2.115
TouchControl Solutions				
Push Latch S3				2.119
Push Latch S2				2.123
Push Latch				2.125

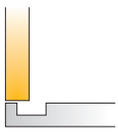
Concealed Hinges
Door Overlay

How to Achieve the Desired Door Overlay?

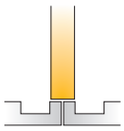
By choosing the hinge of appropriate cranking

Concealed hinges with specific hinge arms are available for different door overlays. The most common overlays are:

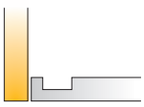
- Cabinet side
- Door



1. **Full overlay**
   Use a hinge with 0mm cranking



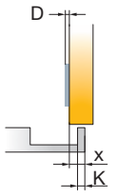
2. **Partial overlay for double doors**
   Use a hinge with 5mm or 9mm cranking



3. **Inset door**
   Use a hinge with 15mm or 17mm cranking

By choosing the mounting plates of appropriate thickness

To achieve the desired overlay (x) while using a determined drilling distance (K), a mounting plate of appropriate thickness (D) must be chosen from the enclosed table or calculated with given formula.



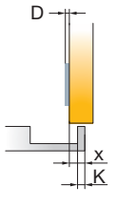
x	4	5	6	7	8	9	
3	3	2	1	0			
K 4		3	2	1	0		
5			3	2	1	0	D

D=4+K-x

SAMPLE

By choosing the appropriate drilling distance K

To achieve the desired door overlay (x) while using a determined mounting plate thickness (D), an appropriate drilling distance K must be chosen.

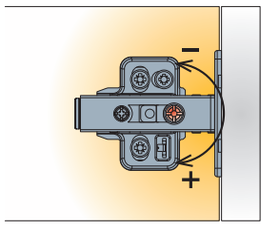


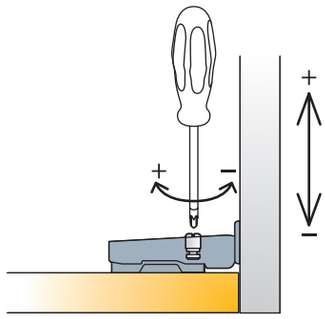
x	4	5	6	7	8	9	
0				3	4	5	
1			3	4	5		
D 2		3	4	5			
3	3	4	5				K

SAMPLE

Through side adjustment

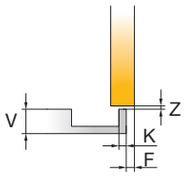
Side adjustment is made by rotating the appropriate screw on the hinge arm.





Door clearance and gap

Door clearance (F≥Fmin) and gap (Z) represent the minimal necessary space needed for the correct opening and closing of the door. The minimal required values depend on the cup drilling distance (K), door thickness (V) and the type of hinge. The minimum clearance scale can be found on product pages ⇢ see Door clearance chart. When using hinges with partial overlay the door clearance must be twice as large (F≥2Fmin).



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

Gap Z_{MIN}=0

SAMPLE

Concealed Hinges
Hinge Cup Types

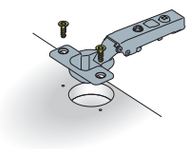
How to Mount the Hinge on the Door?

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

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

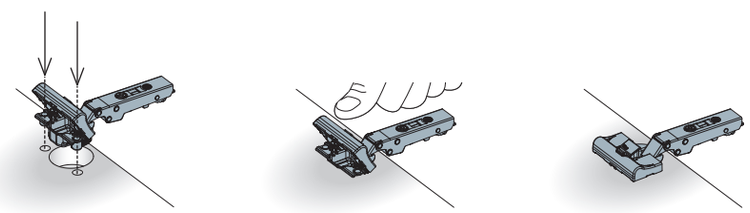
No pre-mounting

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



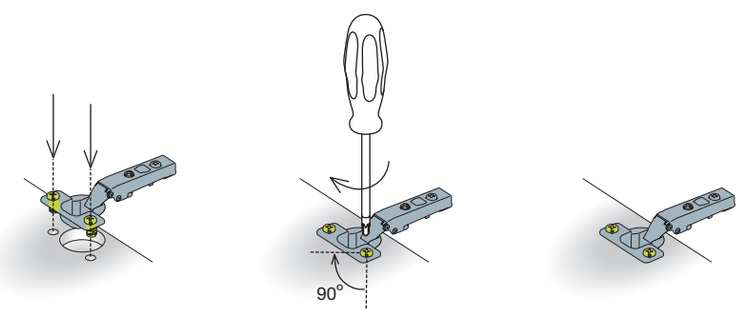
PressTo tool-free mounting

The hinge is inserted into cup hole and locked in place without tools



EasyFix

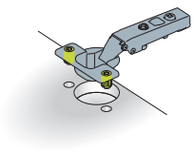
Quarter turn fixing for 8mm holes (interaxis 45/9.5) or 10mm holes (interaxis 48/6 and 52/5.5).





Machine insertion ready hinge cup

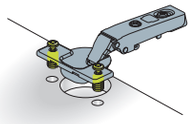
Pre-mounted dowels suitable for machine insertion into 8mm holes (interaxis 45/9.5) or 10mm holes (interaxis 48/6 and 52/5.5)

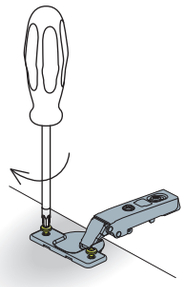




FastFix

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





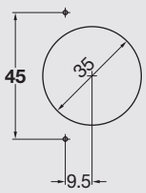
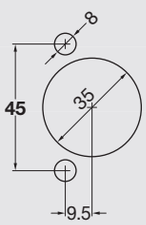
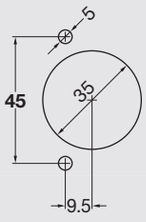
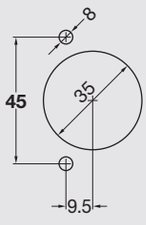
Concealed Hinges
Drilling Details

Drilling Patterns for Hinge Cup

Interaxis
45mm, 48mm and 52mm*

· T-type, S-type

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

Hinge cup type	Interaxis 45mm Drilling pattern
Screw-on ready Pre-mounted Ø4.5mm screws	
Machine insertion ready FastFix EasyFix	
Pre-mounted euro screws	
Tool-less mounting *PressTo*	

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

Concealed Hinges
Mounting Plate Type

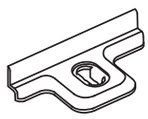
How to Fix the Mounting Plate on the Cabinet Side?

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



Chipboard screw-on ready

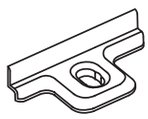
Mounting plate is fixed with two chipboard screws or equivalent.
3mm pilot holes recommended.





Euro screw ready

Fixing with 6.3mm euro screws into pre-drilled 5mm holes. To choose appropriate head and length for use with this mounting plate is recommended.





Machine insertion ready

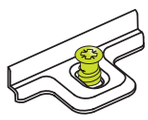
Pre-mounted dowels for machine insertion into pre-drilled 10mm holes.





Pre-mounted euro screws

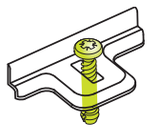
Euro screws for 5mm holes are pre-mounted on the mounting plate.
Available lengths: 11mm, 13mm and 15mm





Pre-mounted expanding dowels

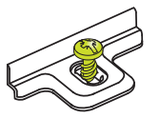
Pre-mounted expanding dowels for 5mm holes.
Available lengths: 7.5mm and 10.5mm





Pre-mounted Ø4.5mm screws

Mounting plate is fixed with two pre-mounted chipboard screws.
3mm pilot holes recommended.



Concealed Hinges
Hinge-to-plate Mounting

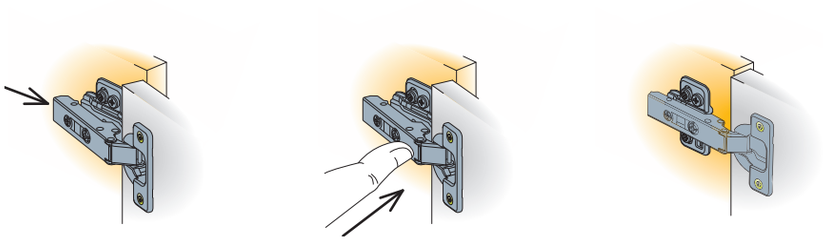
How to Assemble the Hinge and the Mounting Plate?

T-type
3Way snap-on

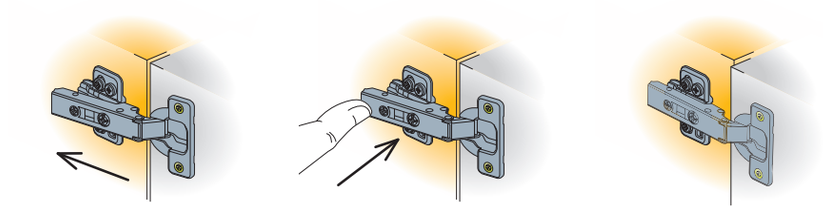
3Way snap-on mounting for intuitive hinge-to-plate assembly in three directions:

- from the hinge arm front
- from the hinge arm rear
- from the top

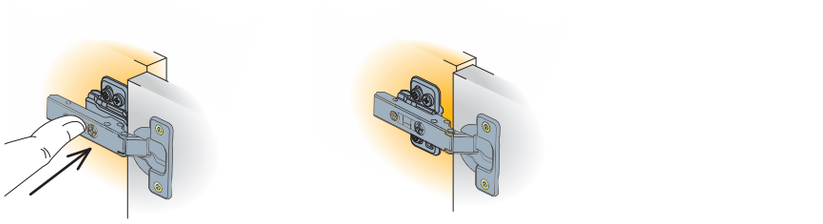
rear assembly



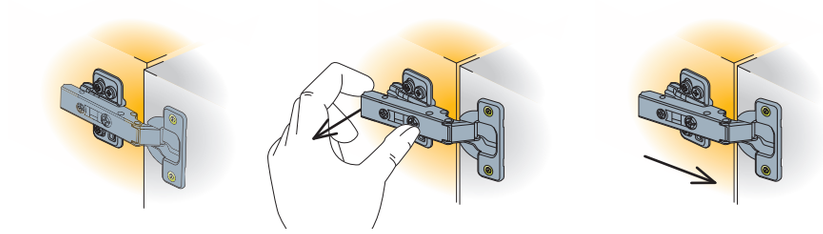
front assembly



top assembly



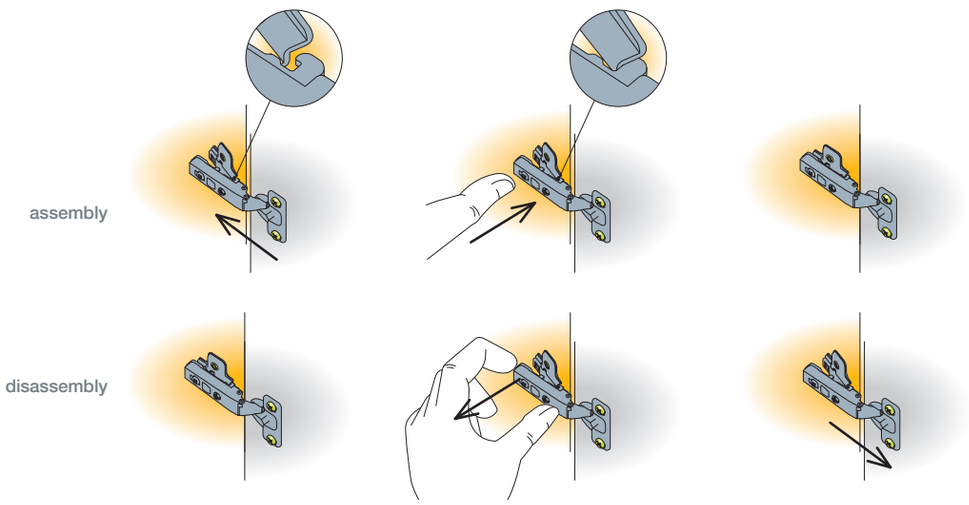
disassembly:
for disassembly press rear lever on the hinge arm.



S-type snap-on

Door is assembled on the cabinet side simply by positioning the two hooks under the hinge arm on the outer part of the mounting plate and pressing gently on the rear part of the hinge arm.

For disassembly press the rear button on the hinge arm.



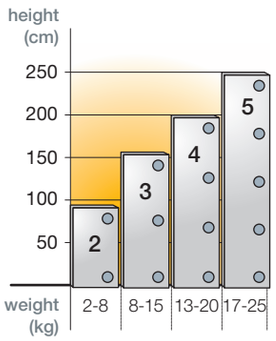
Concealed Hinges
Loads

How Many Hinges per Door?

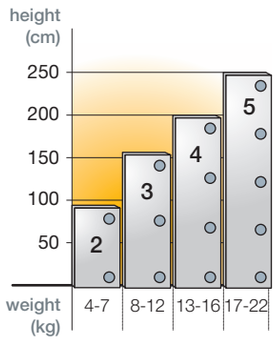
Check the enclosed recommendation for the number of recommended hinges per door by considering door height and weight.
Hinges to be positioned as far apart as possible.

Recommendation:
Use the appropriate number of hinges, not exceeding door height and weight as shown below.

- Self-closing hinges
- Hinges without spring
- Hinges with integrated damping



T-type
T-type-i



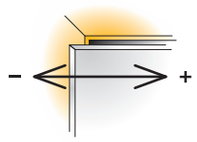
S-type
S-type-i3

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

Concealed Hinges
Adjustments

Adjustment range can be found on the product pages.

Side Adjustment

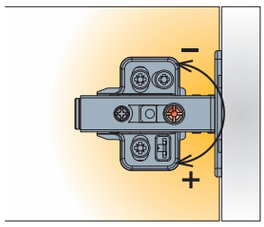


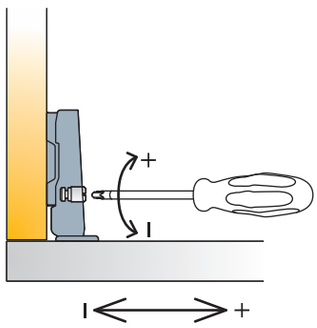
Side adjustment aligns the door with the side of the cabinet.

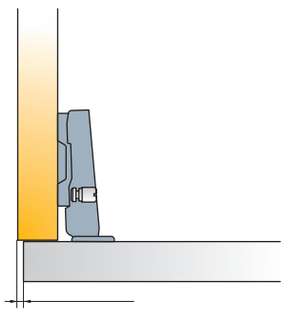
By rotating the adjustment screw

- T-type
- S-type

Side adjustment is made by rotating the screw on the hinge arm.



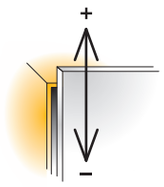




Adjustment range

Concealed Hinges
Adjustments

Height Adjustment



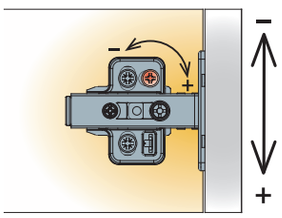
Height adjustment is necessary to achieve optimal vertical door position.

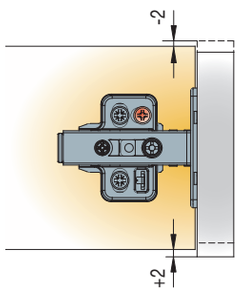
By rotating the cam adjuster

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

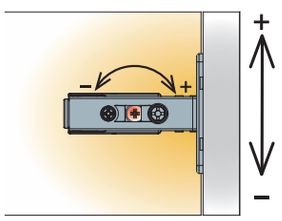
T-type with cam adjustable cruciform mounting plate

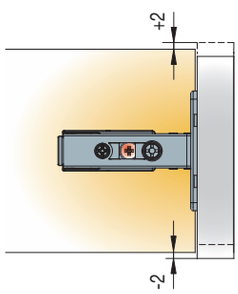
S-type with cam adjustable cruciform mounting plate





T-type with cam adjustable horizontal mounting plate

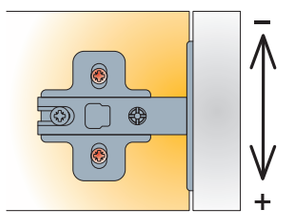


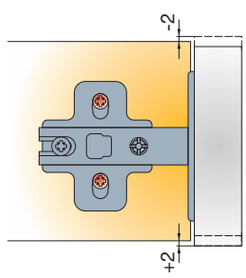


By releasing the fixing screws

- T-type, S-type with non-cam adjustable cruciform mounting plate

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

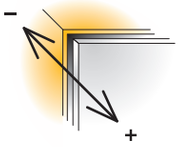




Concealed Hinges
Adjustments

Adjustment range can be found on the product pages.

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.

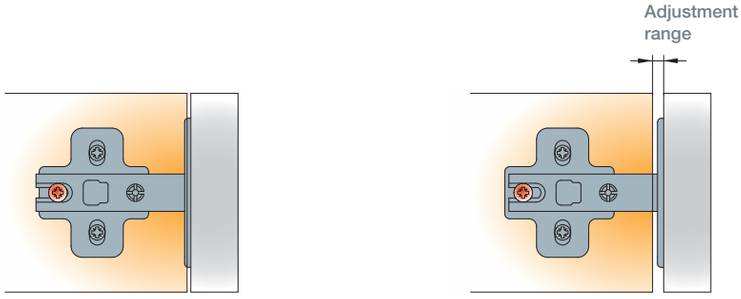
· T-type



By releasing the fixing or adjustment screw

The depth adjustment is made by temporarily releasing the adjustment screw. After the adjustment is made the screw has to be re-tightened.

· S-type

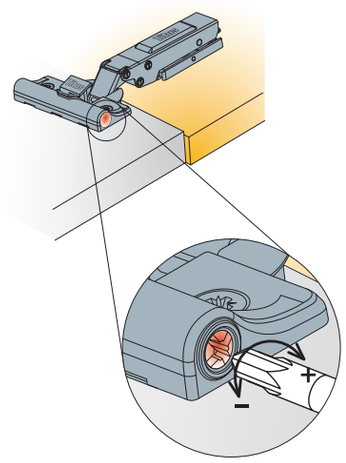


Concealed Hinges
Adjustments

Damping Adjustment

T-type-i

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



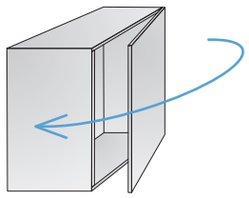
Damping is factory pre-set to the medium damping value.
Turn towards '+' to increase and '-' to decrease the damping.

Key Design Choices

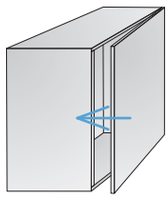
ConfidentClose

The hinge is designed to provide consumer preferred way of soft closing action.

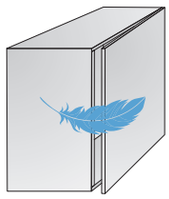
Based on results of Titus researches made in UK, Germany and Slovenia



Fast closing



Late start of deceleration action

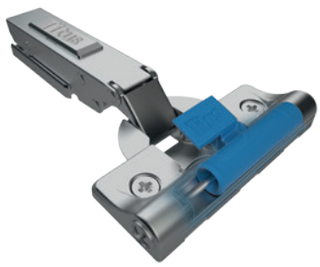


Quiet landing with SoftTouch

One-for-all efficiency principle

Damping on the hinge cup
Damper, positioned transversal to the hinge cup allows for easy introduction of hinge versions

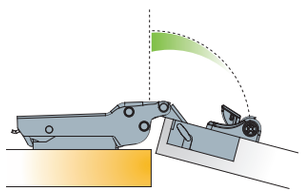
Damped and non-damped version on one mounting plate platform



Adjustable damping

Flexibility to tune performance for all applications

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



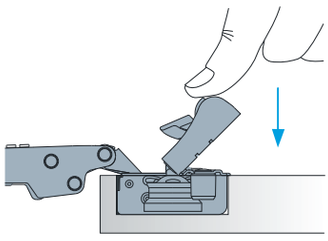
Adjustable damping zone and force

Titus Damper Inside

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



T-type Hinges



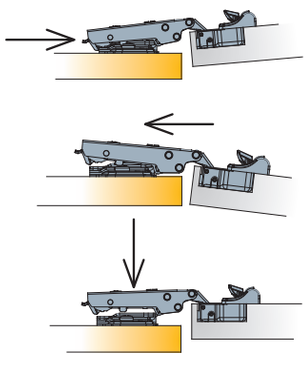
T-type PressTo
Tool-free hinge cup fixing

- Effortless press-in locking
- Confident locking action
- Reliable door attachment
- Confident and repeatable assembly



T-type-i 170

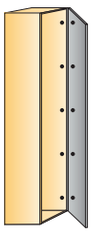
- Wide angle hinge with integrated damping
- Zero-protrusion opening angle makes it ideal for interior drawers application



3Way snap-on mounting

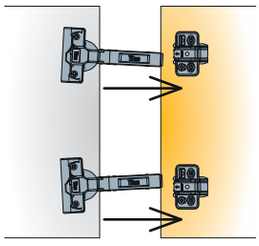
- Mounting from three directions: rear, front, top
- Reduced assembly time





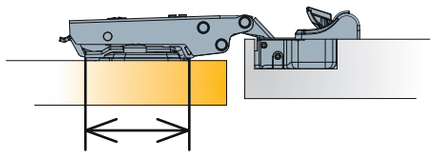
Easy door installation even on tall and heavy door

- Easy mounting of doors with four or more hinges



Highly tolerant

- Efficient performance in edge value of tolerances
- Reliable door closing in case of accidental misalignment
- ConfidentClose assured

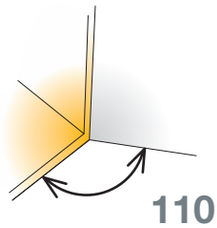


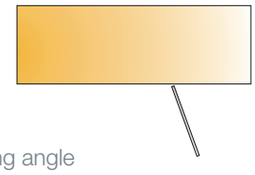
Rigidity

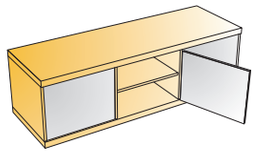
- Tight hinge-to-plate joint improves hinge stability and reduces door sag
- Enhanced door stability
- Smooth performance

T-type-i 110

For wood doors





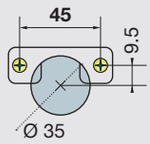


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm, 12.5mm PressTo
· Hinge on plate mounting system	3Way snap-on

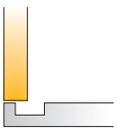


Technical details

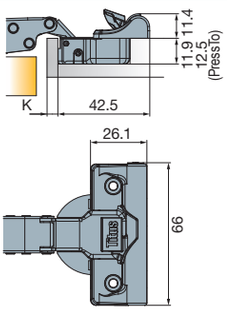
Interaxis
45mm



Cranking
0mm







Cup type	Item number
Screw-on	701.0AT0.054
Machine insertion	701.0AT1.054
FastFix	701.0AT5.054
PressTo	701.0AT6.054

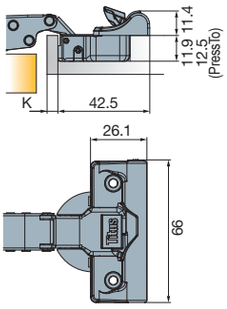
Drilling patterns for hinge cups
⇢ see page 2.13

150 Pcs Made of steel

Cranking
5mm







Cup type	Item number
Screw-on	701.0BT0.054
Machine insertion	701.0BT1.054
FastFix	701.0BT5.054
PressTo	701.0BT6.054

Drilling patterns for hinge cups
⇢ see page 2.13

150 Pcs Made of steel

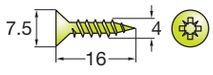
Mounting plates
⇢ see pages 2.59-2.64



Cover caps for hinge arm
⇢ see page 2.97



Hinge cup screws
If not pre-mounted



820.6328.050
10000 Pcs

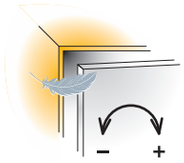
Hinge angle restrictor
⇢ see page 2.95



TouchControl solutions
⇢ see pages 2.119-2.126

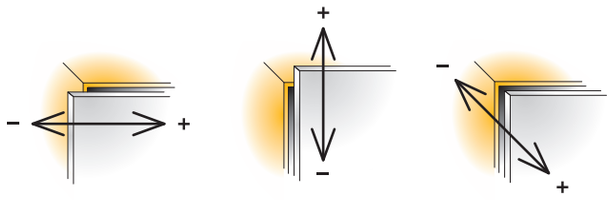


Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



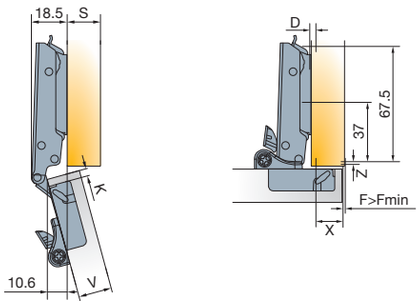
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

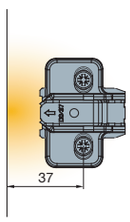
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

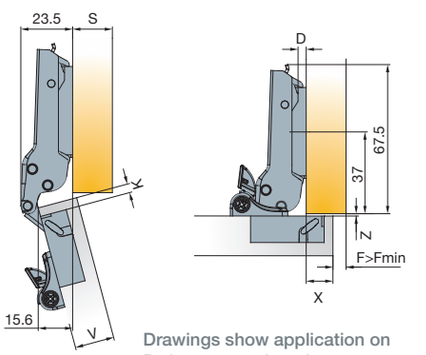


Mounting plate thickness table

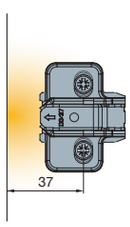
For further explanation ⇢ see page 2.9

	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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

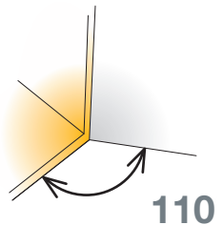


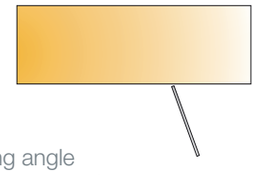
	V	16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

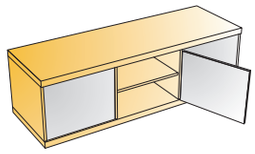
Gap Z_{MIN}=0

T-type-i 110

For wood doors





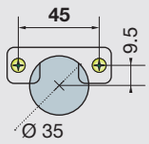


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm, 12.5mm PressTo
· Hinge on plate mounting system	3Way snap-on

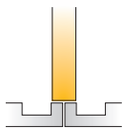


Technical details

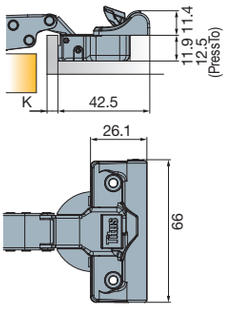
Interaxis
45mm



Cranking
9mm





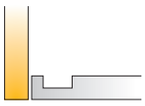


Cup type	Item number
Screw-on	701.0CT0.054
Machine insertion	701.0CT1.054
FastFix	701.0CT5.054
PressTo	701.0CT6.054

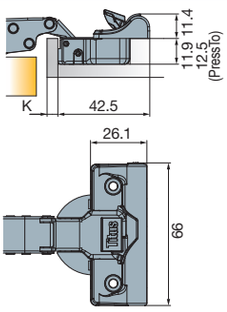
Drilling patterns for hinge cups
⇢ see page 2.13

150 Pcs Made of steel

Cranking
17mm







Cup type	Item number
Screw-on	701.0DT0.054
Machine insertion	701.0DT1.054
FastFix	701.0DT5.054
PressTo	701.0DT6.054

Drilling patterns for hinge cups
⇢ see page 2.13

150 Pcs Made of steel

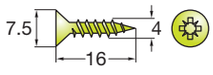
Mounting plates
⇢ see pages 2.59-2.64



Cover caps for hinge arm
⇢ see page 2.97



Hinge cup screws
If not pre-mounted



820.6328.050
10000 Pcs

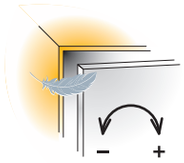
Hinge angle restrictor
⇢ see page 2.95



TouchControl solutions
⇢ see pages 2.119-2.126

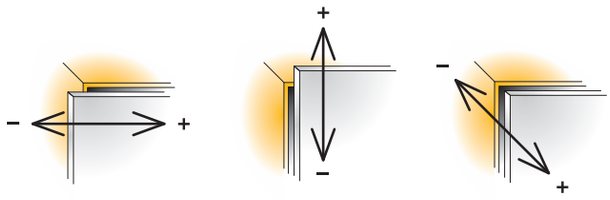


Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



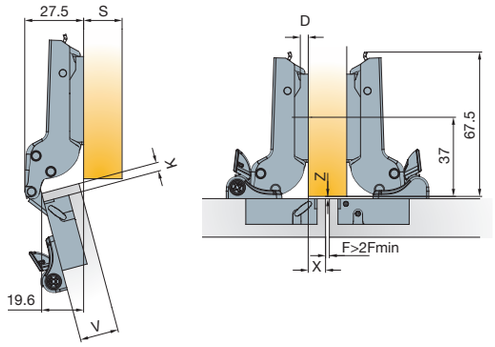
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

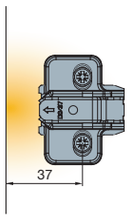
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

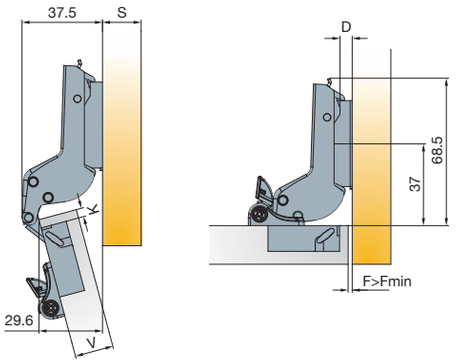


Mounting plate thickness table

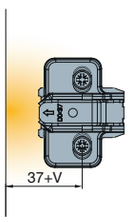
For further explanation ⇢ see page 2.9

	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



Drawings show application on D=2mm 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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

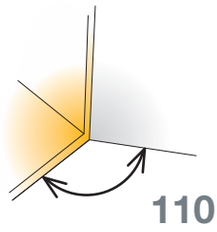


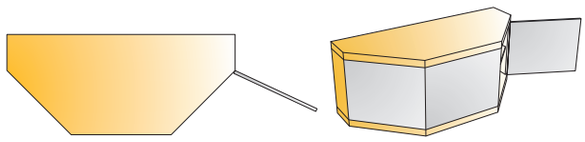
	V	16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

T-type-i 110/45°

45° angled application for wood doors

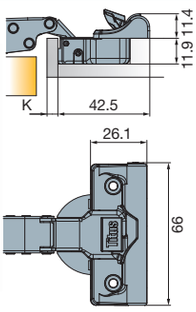




- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

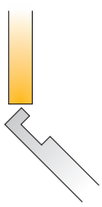


Technical details



Cranking

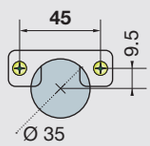
9mm





Interaxis

45mm



Cup type	Item number
Screw-on	701.0D82.650
Machine insertion	701.0D88.650
FastFix	701.0BY9.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

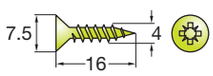
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

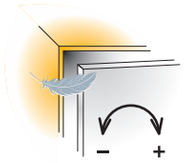
Hinge angle restrictor
⇢ *see page 2.95*



TouchControl solutions
⇢ *see pages 2.119-2.126*

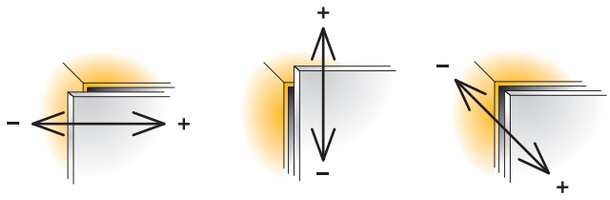


Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



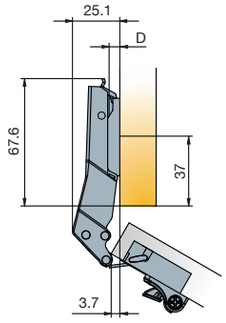
Side adjustment +3/-1mm

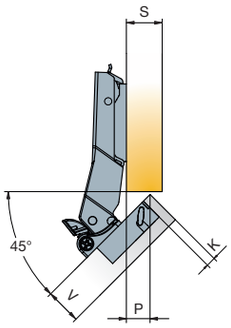
Height adjustment +2/-2mm

Depth adjustment +2.5/-2.5mm

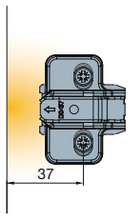
For further explanation ⇢ see pages 2.18-2.20

Mounting details





Mounting plate drilling distance



Mounting plate thickness table
For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm
For further explanation ⇢ see page 2.10

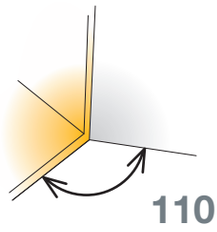


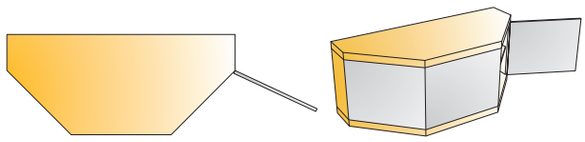
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

T-type-i 110/45°

45° angled application for wood doors

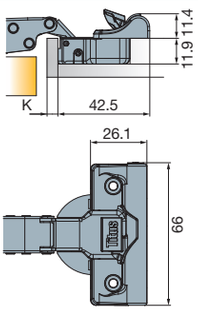




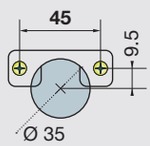
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



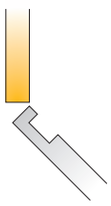
Technical details



Interaxis
45mm



Cranking
17mm





Cup type	Item number
Screw-on	701.0B08.650
Machine insertion	701.0C78.650
FastFix	701.0899.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

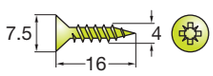
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

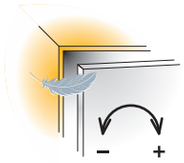
Hinge angle restrictor
⇢ *see page 2.95*



TouchControl solutions
⇢ *see pages 2.119-2.126*

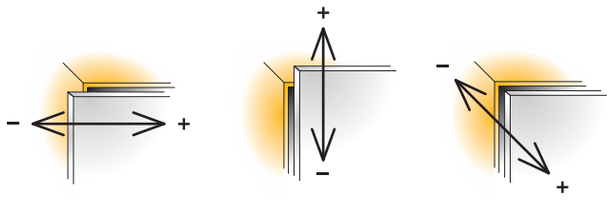


Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



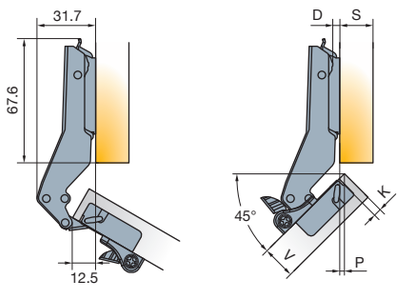
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +2.5/-2.5mm

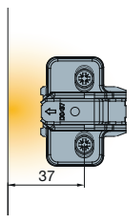
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

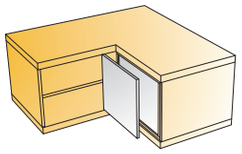


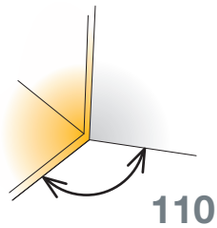
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

T-type-i 110/90°

For wood door cabinets with blind panels



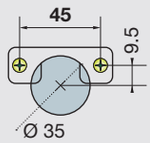


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

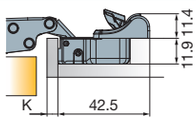
Interaxis
45mm

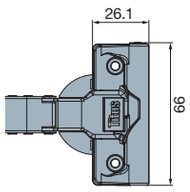


Cranking
17mm









Cup type	Item number
Screw-on	701.0A96.650
Machine insertion	701.0D36.650
FastFix	701.0895.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

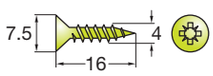
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*

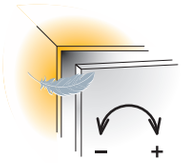


TouchControl solutions
⇢ *see pages 2.119-2.126*



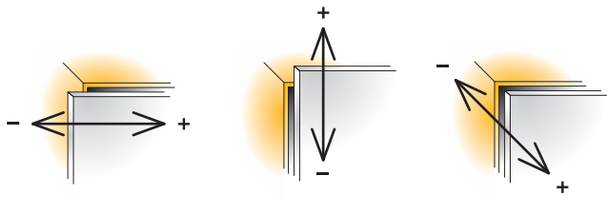
· We advise combining with a D=2mm mounting plate.

Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



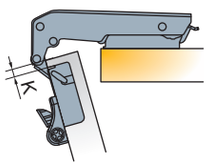
Side adjustment +2.5/-2.5mm

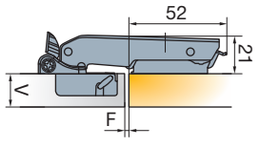
Height adjustment +2/-2mm

Depth adjustment +3/-1mm

For further explanation ⇢ see pages 2.18-2.20

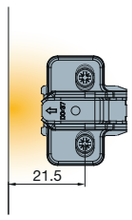
Mounting details





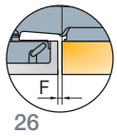
Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance



Door clearance at R=1mm

For further explanation ⇢ see page 2.10

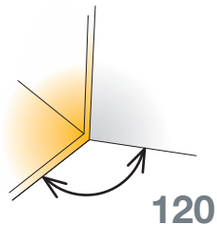


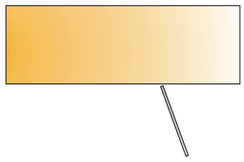
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

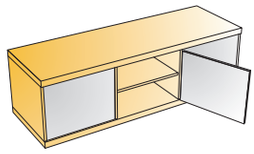
Gap Z_{MIN}=0

T-type-i 120

For wood doors



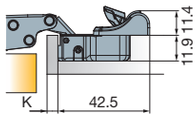


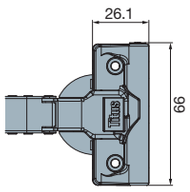


- Opening angle 120°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



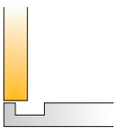
Technical details





Cranking

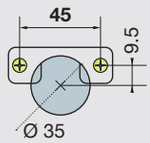
0mm





Interaxis

45mm



Cup type	Item number
Screw-on	701.0UT0.054
Machine insertion	701.0UT1.054
FastFix	701.0UT5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

150 Pcs Made of steel

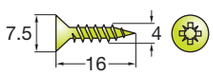
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



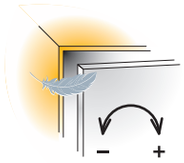
820.6328.050

10000 Pcs

TouchControl solutions
⇢ *see pages 2.119-2.126*

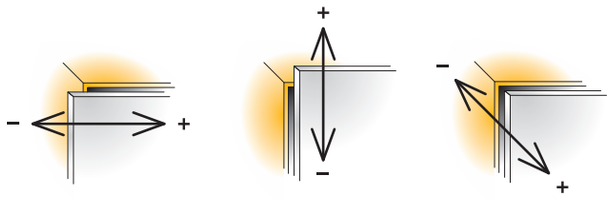


Damping adjustment



For further explanation ⇢ see page 2.21

Door adjustment



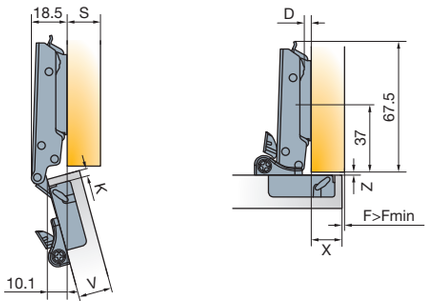
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

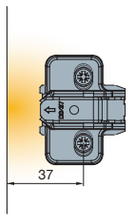
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

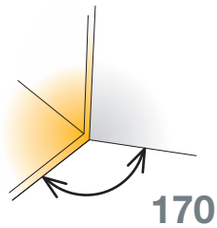


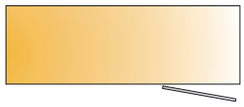
V		16	17	18	19	
K	3	1.1	0.4	0	0	
	4	2	1.4	0.7	0.1	
	5	3	2.3	1.6	1	FMIN

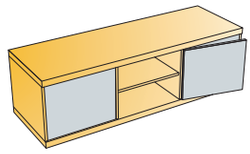
Gap ZMIN =2

T-type-i 170

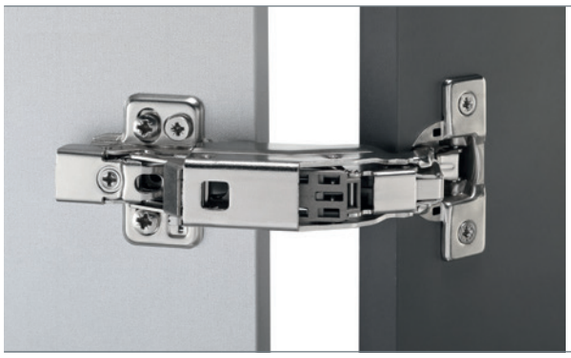
For wood doors







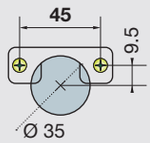
· Opening angle	165°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm, 12.5mm PressTo
· Hinge on plate mounting system	3Way snap-on



Technical details

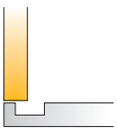
Interaxis

45mm

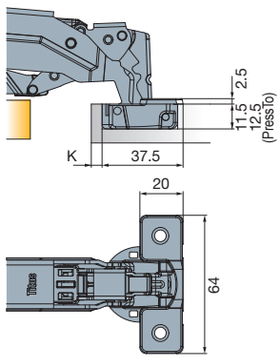


Cranking

0mm







Cup type	Item number
Screw-on	701.0ET0.054
Machine insertion	701.0ET1.054
FastFix	701.0ET5.054
PressTo	701.0ET6.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

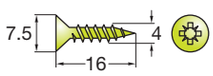
50 Pcs

Made of steel and zinc

Mounting plates
⇢ *see pages 2.59-2.64*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

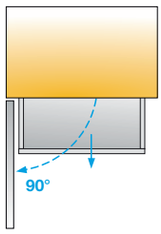
Hinge angle restrictor
⇢ *see page 2.95*



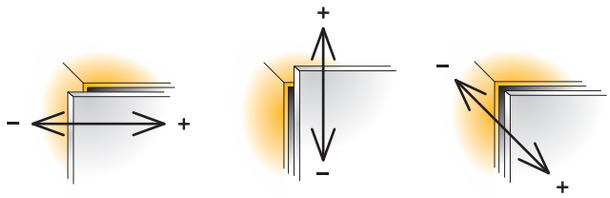
TouchControl solutions
⇢ *see pages 2.119-2.126*



Zero protrusion
with D=0 mounting plate



Door adjustment



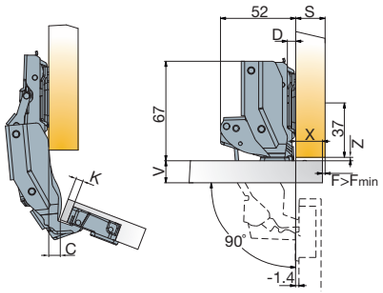
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

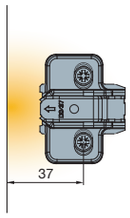
For further explanation ⇢ see pages 2.18-2.20

Mounting details



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

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

X		13	14	15	16	17	18	19	20	
K	3	3	2	1	0					
	4	4	3	2	1	0				
	5		4	3	2	1	0			
	6			4	3	2	1	0		
	7				4	3	2	1	0	D

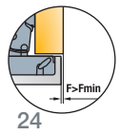
D=13+K-X

C value with D=0 mounting plate

K	3	4	5	6	7	
	-9.0	-8.1	-7.1	-6.1	-5.2	C

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

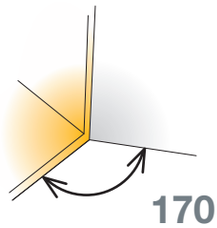


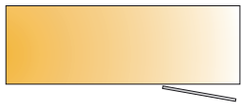
V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

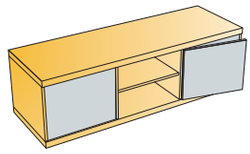
Gap Z_{MIN}=0.5

T-type-i 170

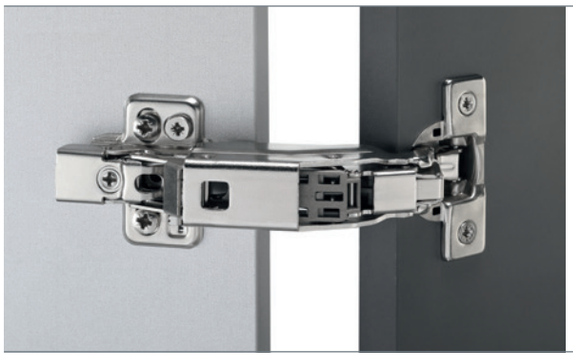
For wood doors





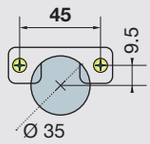


· Opening angle	165°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm, 12.5mm PressTo
· Hinge on plate mounting system	3Way snap-on



Technical details

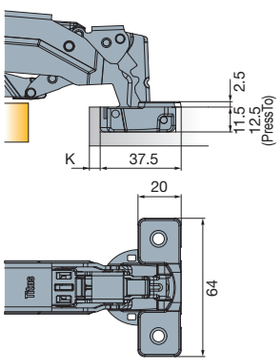
Interaxis
45mm



Cranking
5mm







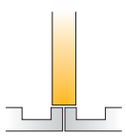
Cup type	Item number
Screw-on	701.0FT0.054
Machine insertion	701.0FT1.054
FastFix	701.0FT5.054
PressTo	701.0FT6.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

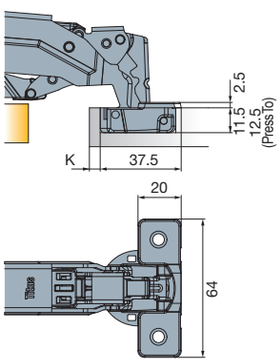
50 Pcs

Made of steel and zinc

Cranking
9mm







Cup type	Item number
Screw-on	701.0GT0.054
Machine insertion	701.0GT1.054
FastFix	701.0GT5.054
PressTo	701.0GT6.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

50 Pcs

Made of steel and zinc

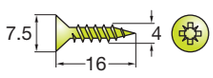
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

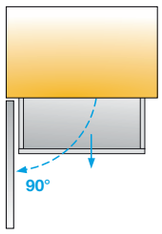
Hinge angle restrictor
⇢ *see page 2.95*



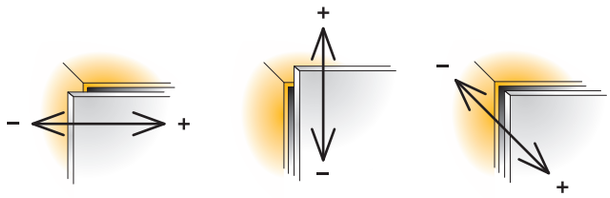
TouchControl solutions
⇢ *see pages 2.119-2.126*



Zero protrusion
with D=0 mounting plate



Door adjustment



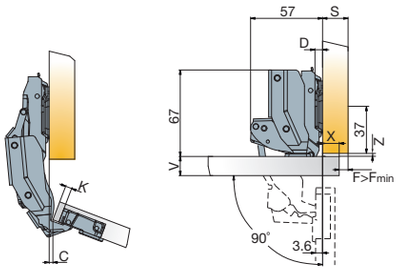
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

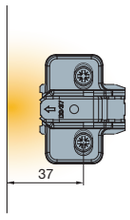
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on
D=0mm mounting plate

Mounting plate drilling distance

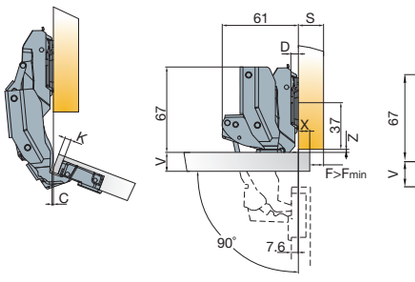


Mounting plate thickness table

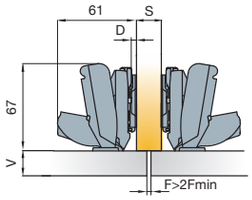
For further explanation ⇢ see page 2.9

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



Drawings show application on
D=0mm mounting plate



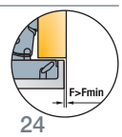
Drawing show application on
D=0mm mounting plate

X		1	2	3	4	5	6	7	8	9	10	11	
K	3	6			3	2	1	0					
	4		6			3	2	1	0				
	5			6			3	2	1	0			
	6				6			3	2	1	0		
	7					6			3	2	1	0	D

D=4+K-X

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

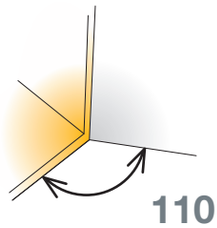


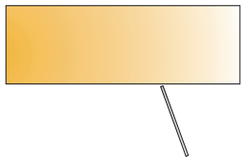
V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

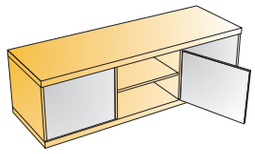
Gap Z_{MIN}=0.5

T-type 110

For wood doors







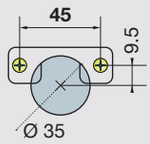
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

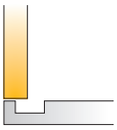
Cup type

Interaxis
45mm

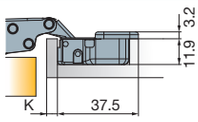


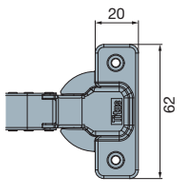
Item number

Cranking
0mm









Cup type	Item number
Screw-on	702.0AK0.054
Machine insertion	702.0AK1.054
FastFix	702.0AK5.054

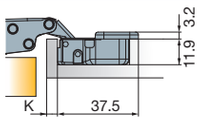
Technical and drilling details ⇢ see page 2.13

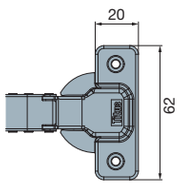
150 Pcs Made of steel

Cranking
5mm









Cup type	Item number
Screw-on	702.0BK0.054
Machine insertion	702.0BK1.054
FastFix	702.0BK5.054

Drilling patterns for hinge cups ⇢ see page 2.13

150 Pcs Made of steel

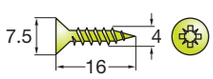
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050
10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



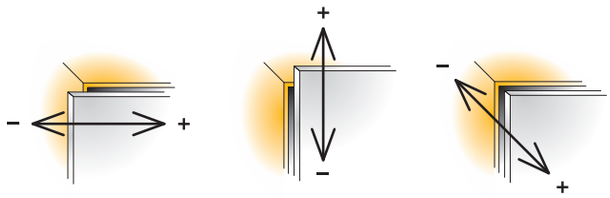
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



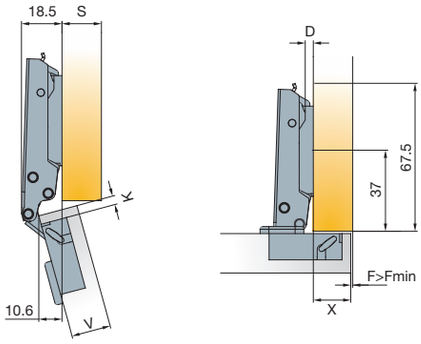
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

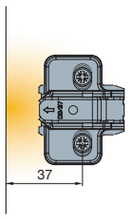
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

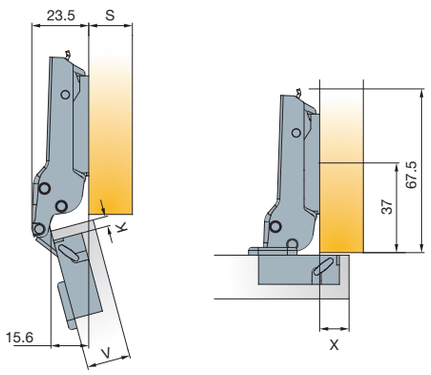


Mounting plate thickness table

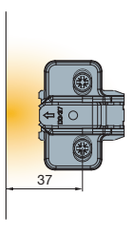
For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

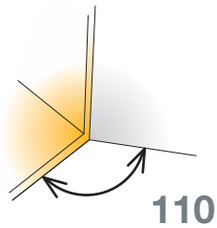


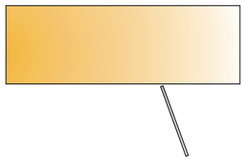
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

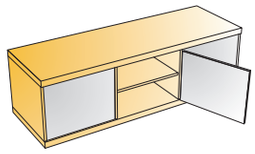
Gap $Z_{MIN}=0$

T-type 110

For wood doors







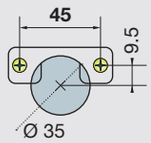
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

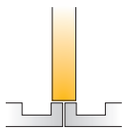
Cup type

Interaxis
45mm

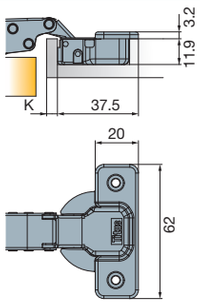


Item number

Cranking
9mm





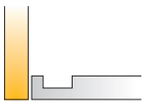


Cup type	Item number
Screw-on	702.0CK0.054
Machine insertion	702.0CK1.054
FastFix	702.0CK5.054

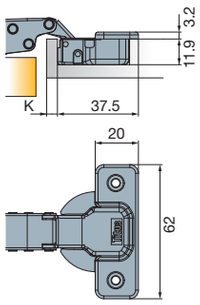
Drilling patterns for hinge cups
⇢ *see page 2.13*

150 Pcs Made of steel

Cranking
17mm







Cup type	Item number
Screw-on	702.0DK0.054
Machine insertion	702.0DK1.054
FastFix	702.0DK5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

150 Pcs Made of steel

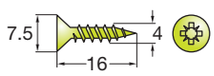
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050
10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



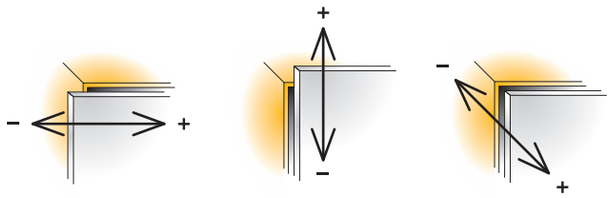
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



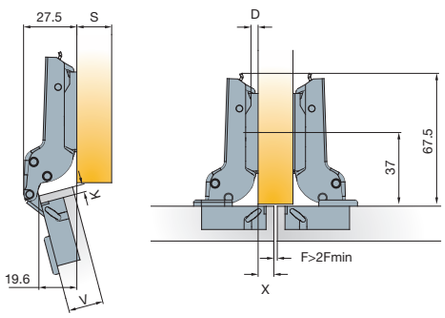
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

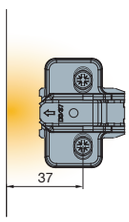
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

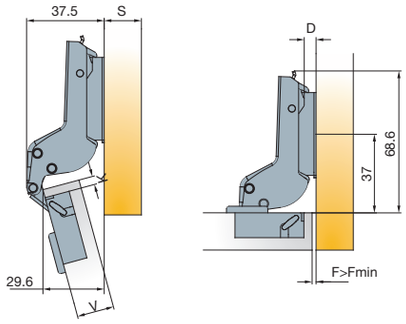


Mounting plate thickness table

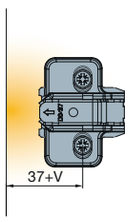
For further explanation ⇢ see page 2.9

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



Drawings show application on D=2mm 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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

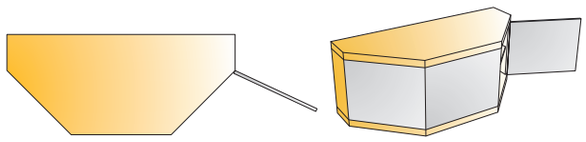


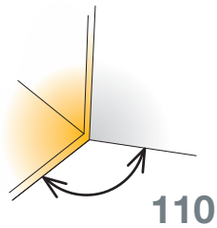
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

T-type 110/45°

45° angled application for wood doors



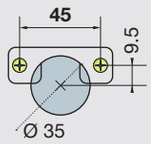


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

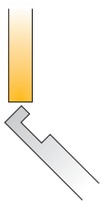


Technical details

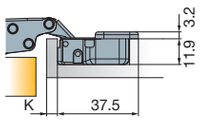
Interaxis
45mm

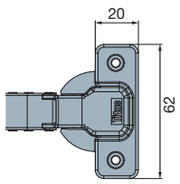


Cranking
9mm









Cup type	Item number
Screw-on	702.0D81.650
Machine insertion	702.0D87.650
FastFix	702.0797.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

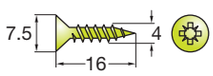
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



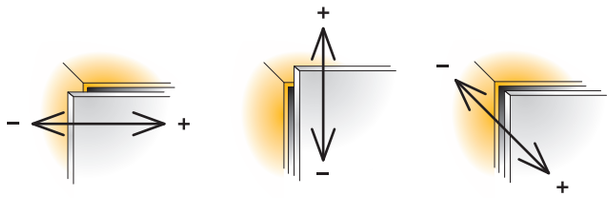
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



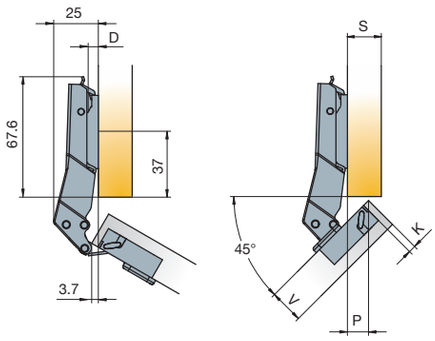
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +2.5/-2.5mm

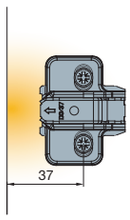
For further explanation ⟶ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⟶ see page 2.9

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

Door clearance at R=1mm

For further explanation ⟶ see page 2.10

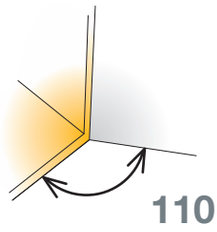


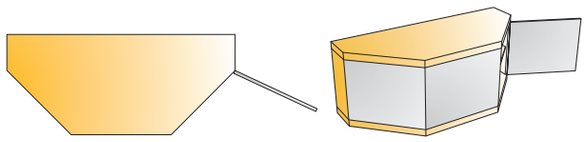
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap $Z_{MIN}=0$

T-type 110/45°

45° angled application for wood doors

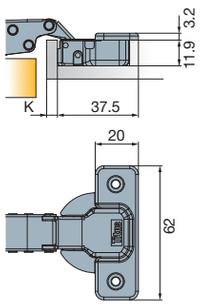




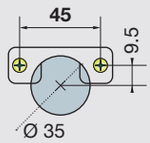
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



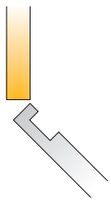
Technical details



Interaxis
45mm



Cranking
17mm





Cup type	Item number
Screw-on	702.0B07.650
Machine insertion	702.0C77.650
FastFix	702.0879.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

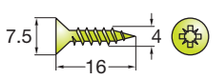
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



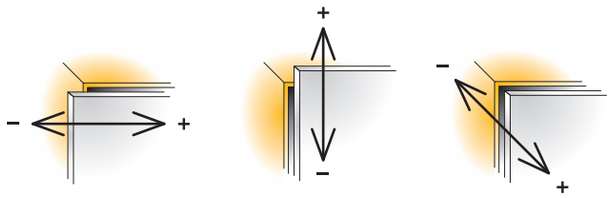
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



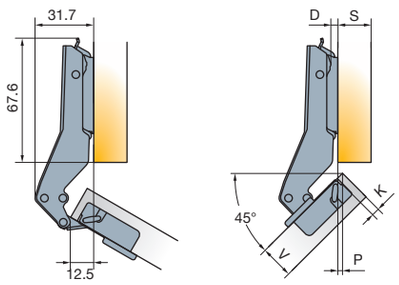
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +2.5/-2.5mm

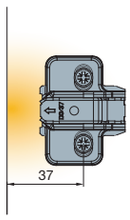
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

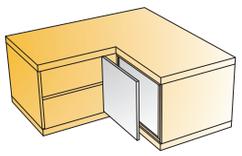


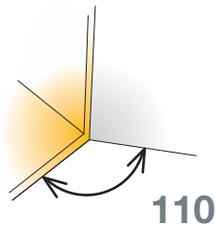
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap $Z_{MIN}=0$

T-type 110/90°

For wood door cabinets with blind panels



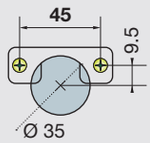


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

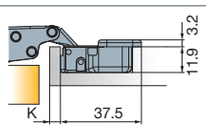
Interaxis
45mm

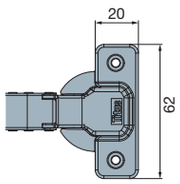


Cranking
17mm









Cup type	Item number
Screw-on	702.0A95.650
Machine insertion	702.0D35.650
FastFix	702.0689.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

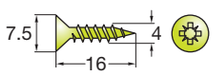
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



TouchControl solutions
⇢ *see pages 2.119-2.126*

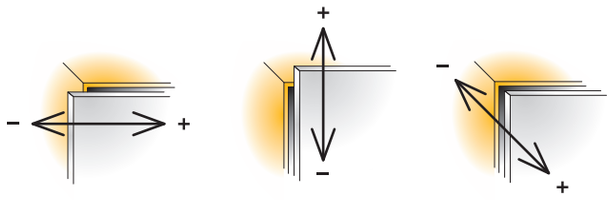


Soft closing systems
⇢ *see pages 2.107-2.116*



· We advise combining with a D=2mm mounting plate.

Door adjustment



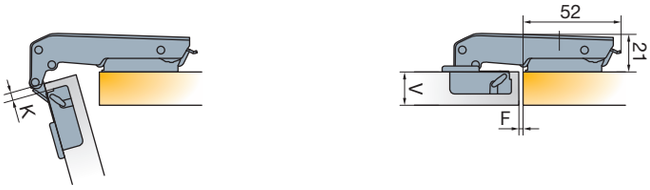
Side adjustment +2.5/-2.5mm

Height adjustment +2/-2mm

Depth adjustment +3/-1mm

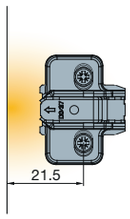
For further explanation ⇢ see pages 2.18-2.20

Mounting details



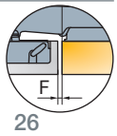
Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance



Door clearance at R=1mm

For further explanation ⇢ see page 2.10

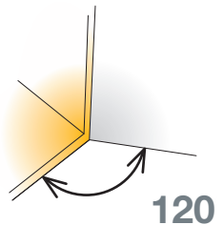


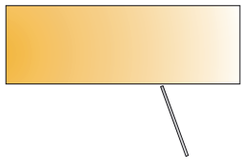
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

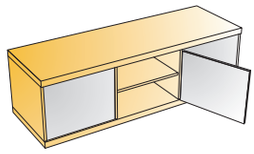
Gap Z_{MIN}=0

T-type 120

For wood doors





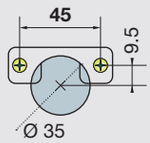


- Opening angle 120°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

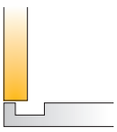


Technical details

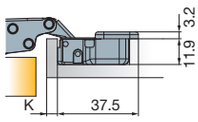
Interaxis
45mm

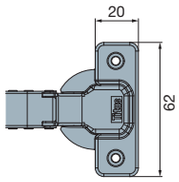


Cranking
0mm









Cup type	Item number
Screw-on	702.0UK0.054
Machine insertion	702.0UK1.054
FastFix	702.0UK5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

150 Pcs Made of steel

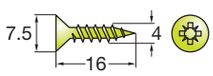
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050
10000 Pcs

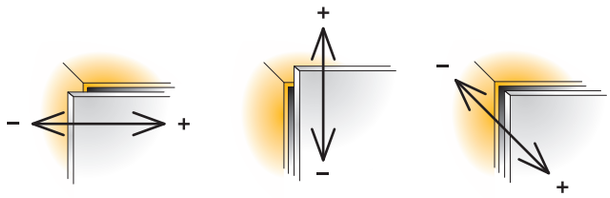
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



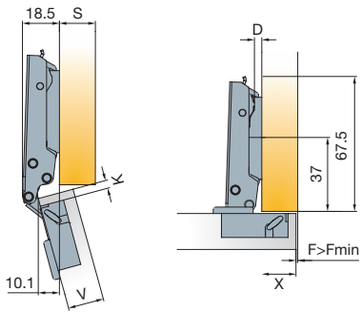
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

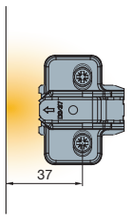
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

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

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

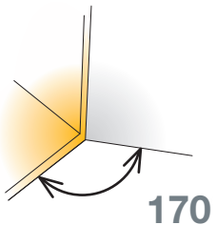


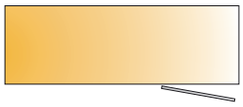
V		16	17	18	19	
K	3	1.1	0.4	0	0	
	4	2	1.4	0.7	0.1	
	5	3	2.3	1.6	1	FMIN

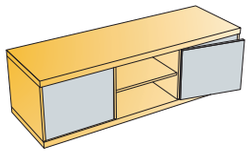
Gap ZMIN =2

T-type 170

For wood doors





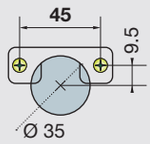


- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

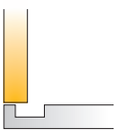


Technical details

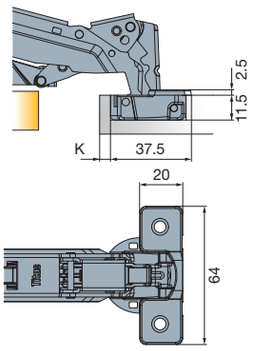
Interaxis
45mm



Cranking
0mm







Cup type	Item number
Screw-on	702.0EK0.054
Machine insertion	702.0EK1.054
FastFix	702.0EK5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

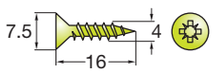
50 Pcs

Made of steel and zinc

Mounting plates
⇢ *see pages 2.59-2.64*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



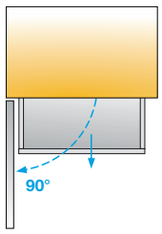
TouchControl solutions
see pages 2.119-2.126



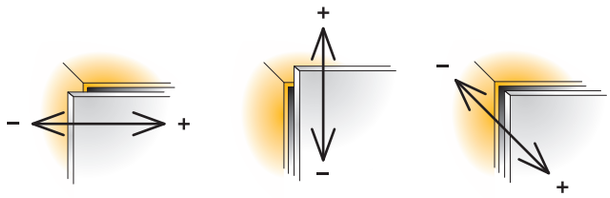
Soft closing systems
⇢ *see page 2.109*



Zero protrusion
with D=0 mounting plate



Door adjustment



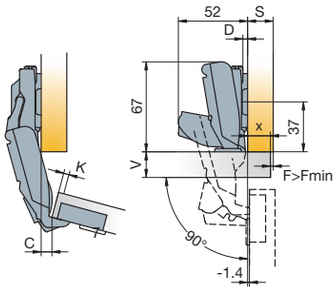
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

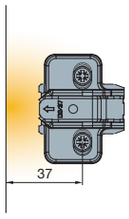
For further explanation ⇢ see pages 2.18-2.20

Mounting details



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

Mounting plate drilling distance



Mounting plate thickness table
For further explanation ⇢ see page 2.9

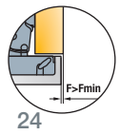
X		13	14	15	16	17	18	19	20	
K	3	3	2	1	0					
	4	4	3	2	1	0				
	5		4	3	2	1	0			
	6			4	3	2	1	0		
	7				4	3	2	1	0	D

D=13+K-X

C value with D=0 mounting plates

	K	3	4	5	6	7	
	C	-9.0	-8.1	-7.1	-6.1	-5.2	D

Door clearance at R=1mm
For further explanation ⇢ see page 2.10

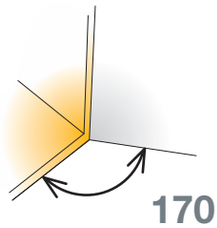


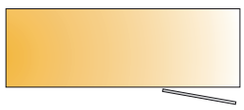
V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

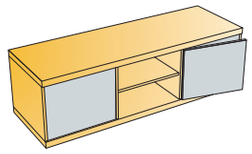
Gap Z_{MIN}=0.5

T-type 170

For wood doors





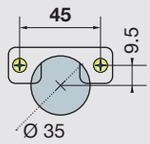


- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



Technical details

Interaxis
45mm



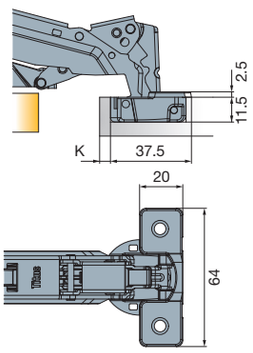
Cup type	Item number
Screw-on	702.0FK0.054
Machine insertion	702.0FK1.054
FastFix	702.0FK5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

Cranking
5mm



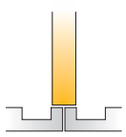




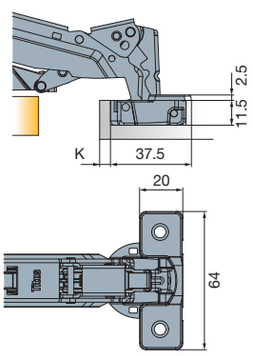
50 Pcs

Made of steel and zinc

Cranking
9mm







Cup type	Item number
Screw-on	702.0GK0.054
Machine insertion	702.0GK1.054
FastFix	702.0GK5.054

Drilling patterns for hinge cups
⇢ *see page 2.13*

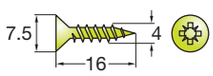
50 Pcs

Made of steel and zinc

Mounting plates
⇢ *see pages 2.59-2.64*



Hinge cup screws
If not pre-mounted



820.6328.050

10000 Pcs

Hinge angle restrictor
see page 2.95



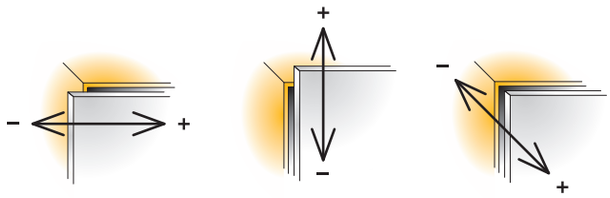
TouchControl solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see page 2.109*



Door adjustment



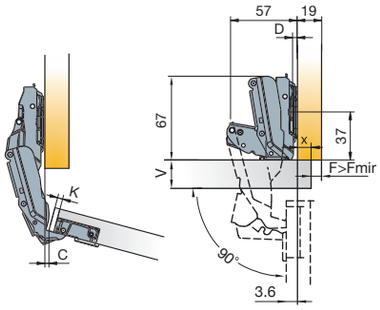
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

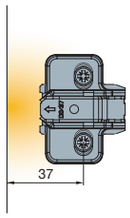
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

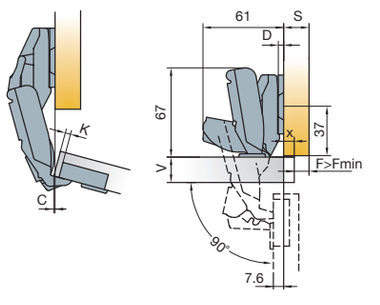


Mounting plate thickness table

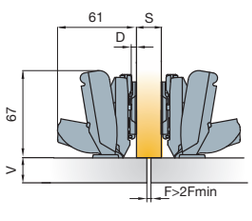
For further explanation ⇢ see page 2.9

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



Drawings show application on D=0mm mounting plate



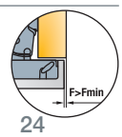
Drawing show application on D=0mm mounting plate

X		1	2	3	4	5	6	7	8	9	10	11	
K	3	6			3	2	1	0					
	4		6			3	2	1	0				
	5			6			3	2	1	0			
	6				6			3	2	1	0		
	7					6			3	2	1	0	D

D=4+K-X

Door clearance at R=1mm

For further explanation ⇢ see page 2.10

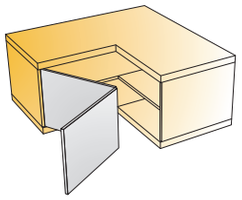


V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

T-type
for Pie-cut Corner Cabinet

For wood doors

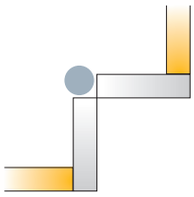


- Opening angle 70°/25°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

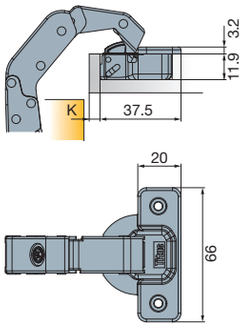


Technical details

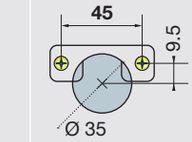
Corner cabinet







Cup type	Interaxis 45mm Item number
Screw-on	721.0PK0.650
FastFix	721.0PK5.650



Drilling patterns for hinge cups
⇢ *see page 2.13*

50 Pcs

Cup made of zinc, arm made of steel

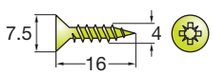
Mounting plates
⇢ *see pages 2.59-2.64*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6328.050

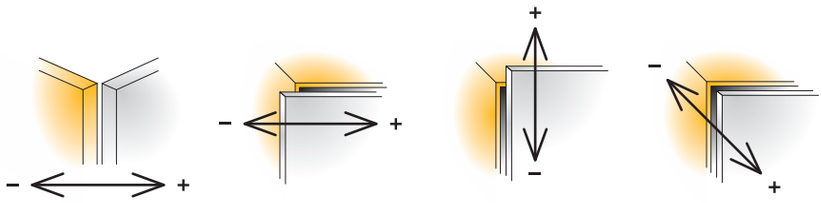
10000 Pcs

TouchControl solutions
⇢ *see pages 2.119-2.126*



· Use in pair with 170° hinge
· Cam adjustment
· Standard cup drilling - no extra cutting needed

Door adjustment



Middle gap adjustment +6/-6mm

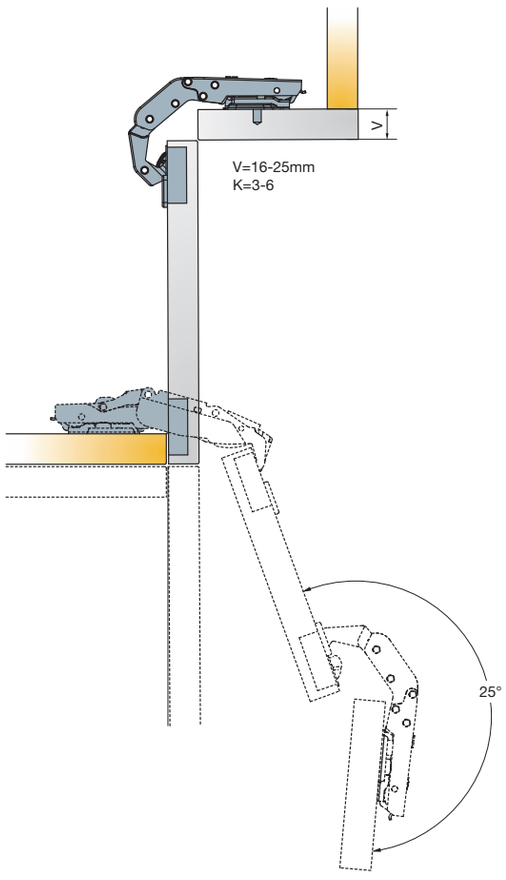
Side adjustment +2.5/-2.5mm

Height adjustment +2/-2mm

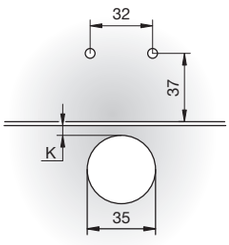
Depth adjustment +3/-1mm

For further explanation ⟶ see pages 2.18-2.20

Mounting details

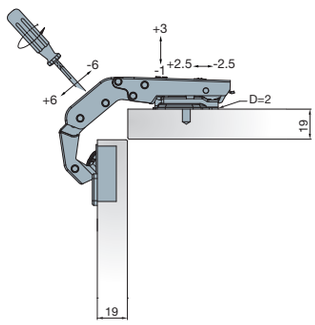


Mounting plate drilling distance



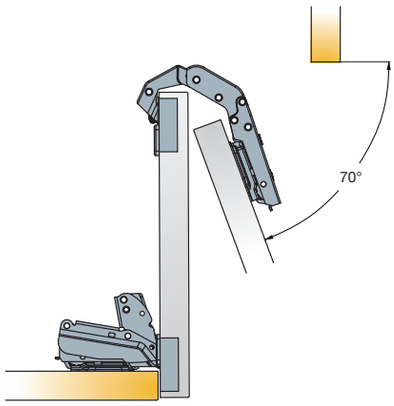
Any T-type mounting plate can be used

Adjustments



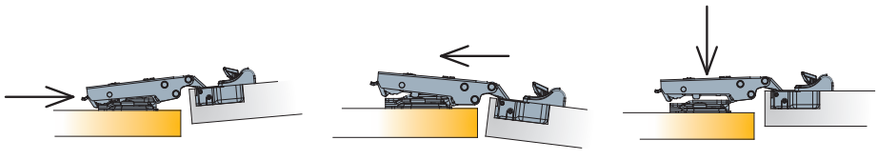
Drawings show application on D=2mm mounting plate

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



T-type
Mounting Plates

3Way snap-on mounting



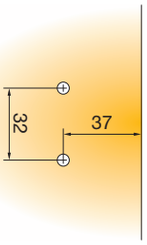


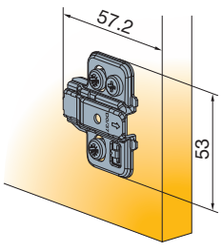
Drilling pattern

Dimensions

Cam adjustable cruciform mounting plate 37mm



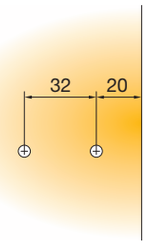


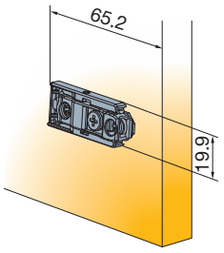


150 Pcs Made of steel

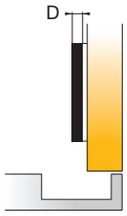
Cam adjustable linear mounting plate



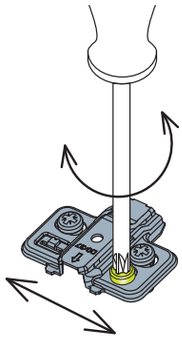




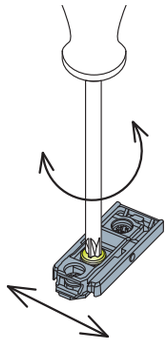
150 Pcs Made of steel and zinc



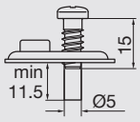
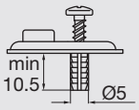
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type	15	10.5	10.5	15	
Mounting plate thickness (D)	 Item number	 Item number	 Item number	no pre-drilling required  Item number	
0mm	700.0KC0.054	700.0KB0.054	700.0KF0.054	700.0KA0.054	
3mm	700.0KC3.054	700.0KB3.054	700.0KF3.054	700.0KA3.054	
0mm	700.0LC0.650	700.0LB0.650	700.0LF0.650		
3mm	700.0LC3.650	700.0LB3.650	700.0LF3.650		

Legend of mounting plate type symbols

15

Pre-mounted 15mm euro screws



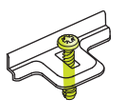
10.5

Machine insertion ready



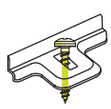
10.5

Pre-mounted 10.5mm expanding dowels



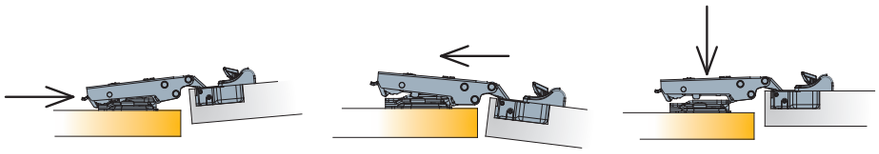
15

Pre-mounted chipboard screw



T-type
Mounting Plates

3Way snap-on mounting



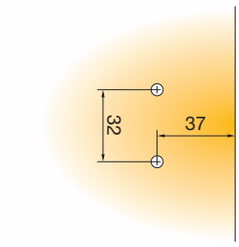


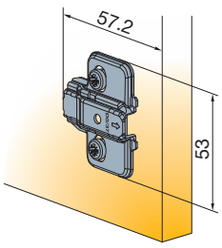
Drilling pattern

Dimensions

Cruciform mounting plate 37mm

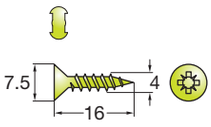






150 Pcs Made of steel

Fixing screw for cruciform mounting plate
If not pre-mounted

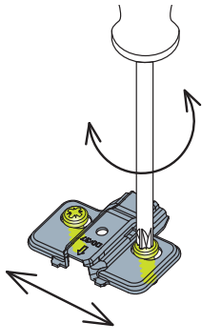


Chipboard screws
820.6328.050

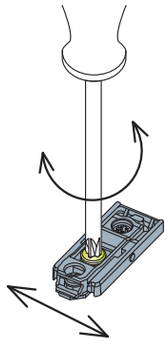
10000 Pcs



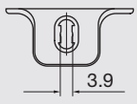
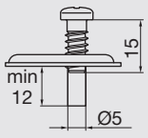
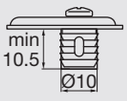
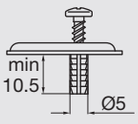
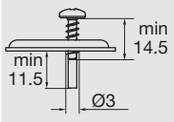
Mounting plate thickness



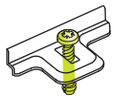
Height adjustment +2/-2mm



Height adjustment +2/-2mm

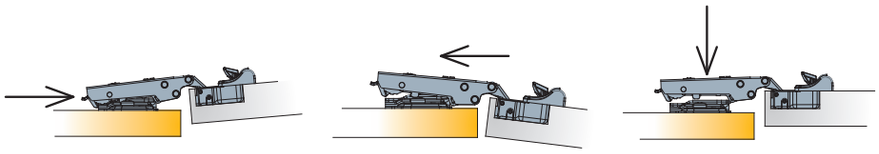
Mounting plate type		15	10.5	10.5	14.5
Mounting plate thickness (D)					
	Item number	Item number	Item number	Item number	Item number
0mm	700.0NA0.054	700.0NC0.054	700.0NB0.054	700.0NF0.054	700.0NE0.054
3mm	700.0NA3.054	700.0NC3.054	700.0NB3.054	700.0NF3.054	700.0NE3.054

Legend of mounting plate type symbols

	15	10.5	10.5	14.5
Screw-on ready for chipboard screws ⇠ *screws*	Pre-mounted 15mm euro screws	Machine insertion ready	Pre-mounted 10.5mm expanding dowels	Pre-mounted chipboard screw
				

T-type
Mounting Plates for Face Frame Cabinets

3Way snap-on mounting



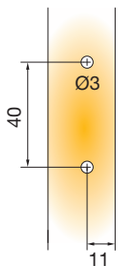


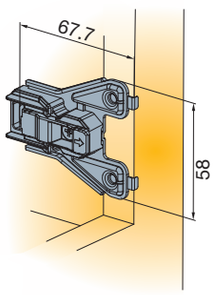
Drilling pattern

Dimensions

Cam adjustable face frame mounting plate



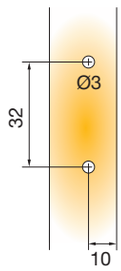


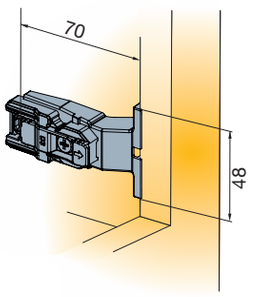


150 Pcs Made of steel and zinc

Cam adjustable face frame mounting plate inset mounting

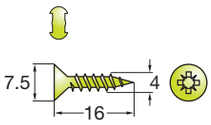






150 Pcs Made of steel and zinc

Fixing screw for cruciform mounting plate
If not pre-mounted

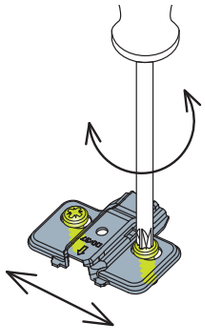


Chipboard screws
820.6328.050

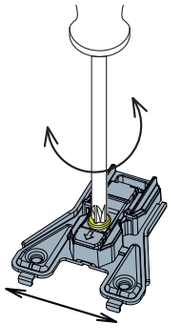
10000 Pcs



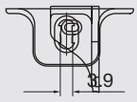
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type		
Mounting plate thickness (D)	 Item number	 Item number
0mm		700.0KW0.650
3mm		700.0KW3.650
6mm		700.0KW6.650
inset	700.0KWN.054	

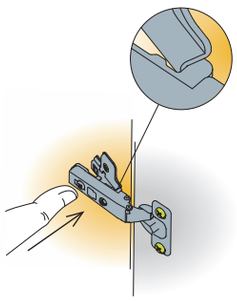
Legend of mounting plate type symbols



Screw-on ready for chipboard screws
screws

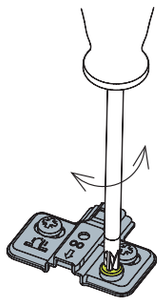


S-type Hinges



Snap-on mounting system

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



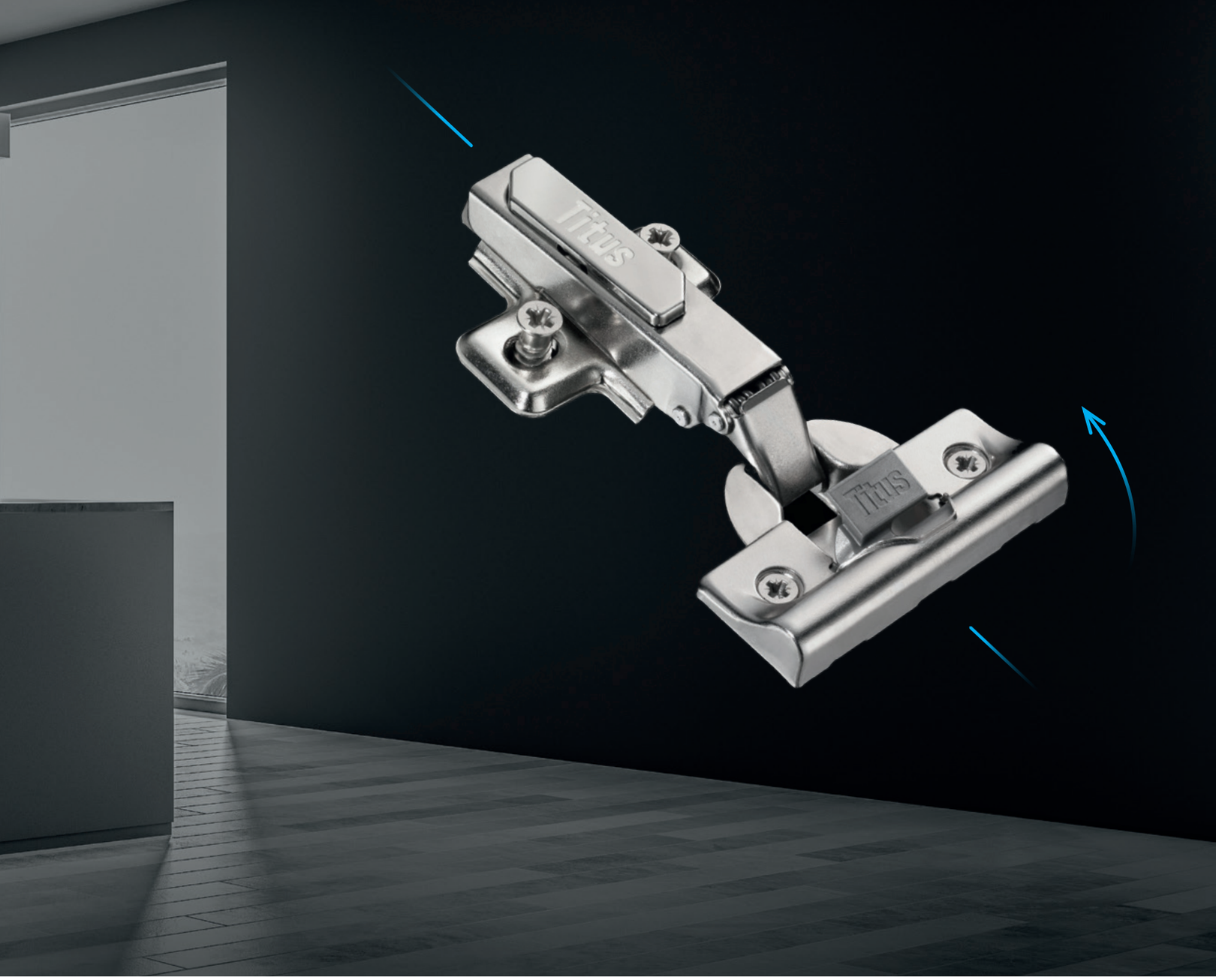
Easily accesible height adjustment with cam

- Intuitive and quick height adjustment
- Consumer friendly



ConfidentClose

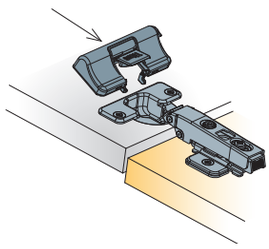
- 1 Fast closing
- 2 Late start of deceleration action
- 3 Quiet landing with SoftTouch





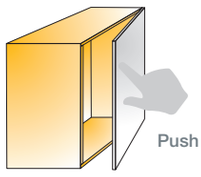
Titus Damper Inside

- Titus proprietary multi-purpose damping technology
- Reliable and consistent life-long damping



Soft closing options

- Integrated
- Glissando add-on
- Stand-alone

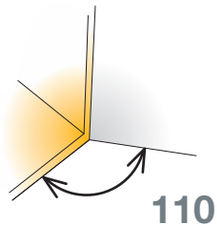


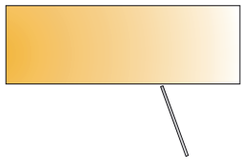
Touch opening

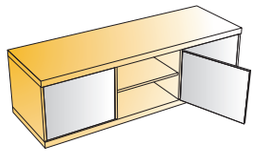
- Guarantees effortless opening
- Elegant cabinet design
- Doors without handles

S-type-i3 110

For wood doors





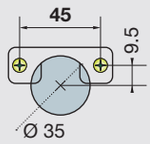


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	snap-on

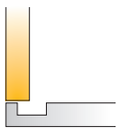


Technical details

Interaxis
45mm



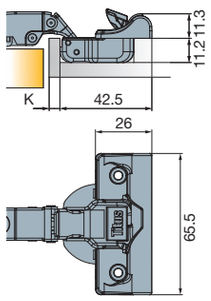
	Cup type	Item number
Cranking 0mm	Screw-on	242.0970.054
	Pre-mounted Ø4.5mm screws	242.0A00.054
	Drilling patterns for hinge cups ⇢ see page 2.13	



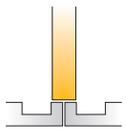
200 Pcs



Made of steel and plastic



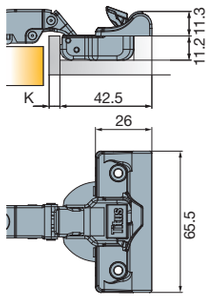
	Cup type	Item number
Cranking 9mm	Screw-on	242.0976.054
	Drilling patterns for hinge cups ⇢ see page 2.13	



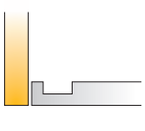
200 Pcs



Made of steel and plastic



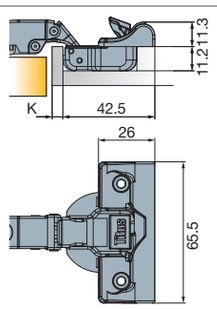
	Cup type	Item number
Cranking 15mm	Screw-on	242.0997.054
	Drilling patterns for hinge cups ⇢ see page 2.13	



200 Pcs



Made of steel and plastic



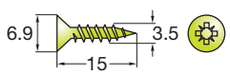
Mounting plates
⇢ see pages 2.89-2.94



Cover caps for hinge arm
⇢ see page 2.97



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

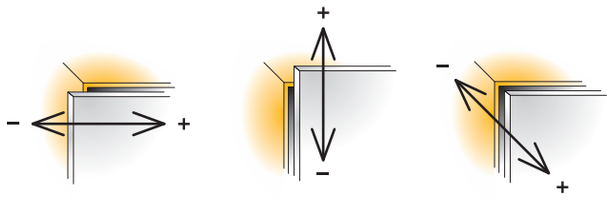
Hinge angle restrictor
⇢ see page 2.95



TouchControl solutions
⇢ see pages 2.119-2.126



Door adjustment



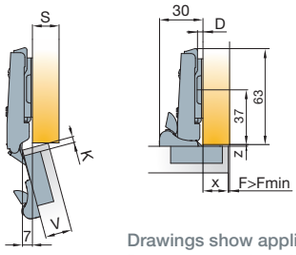
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

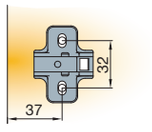
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

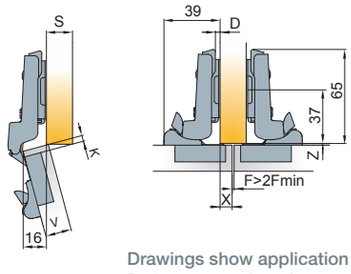


Mounting plate thickness table

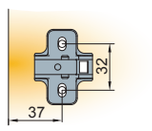
For further explanation ⇢ see page 2.9

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

D=13+K-X

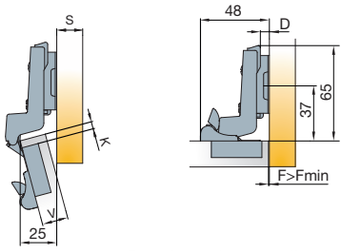


Drawings show application on D=0mm mounting plate

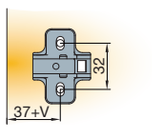


X		4	5	6	7	8	9	
K	3	3	2	1	0			
	4		3	2	1	0		
	5			3	2	1	0	D

D=4+K-X



Drawings show application on D=3mm mounting plate

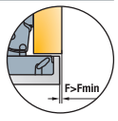


V		16	17	18	19	20	21	
K	3	2	2	2	3	3	3	
	4	3	3	3				
	5	3						D

D=-2+K+F

Door clearance

For further explanation ⇢ see page 2.10

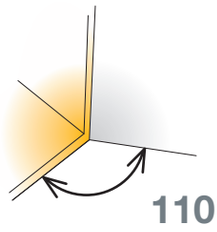


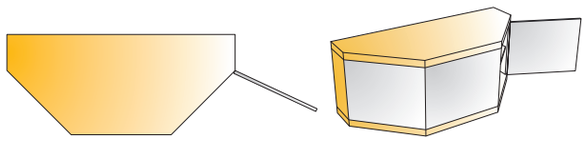
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type-i3 110/45°

45° angled application for wood doors



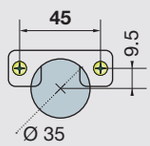


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system snap-on

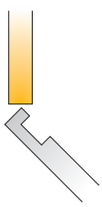


Technical details

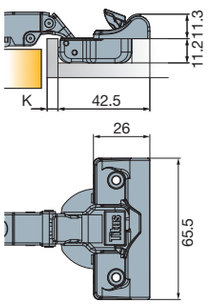
Interaxis
45mm



Cranking
9mm







Cup type	Item number
Screw-on	242.0P81.650

Drilling patterns for hinge cups
⇢ see page 2.13

100 Pcs

Cup made of steel and plastic, arm made of zinc

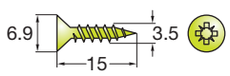
Mounting plates
⇢ see pages 2.89-2.94



Cover caps for hinge arm
⇢ see page 2.97



Hinge cup screws
If not pre-mounted



820.6308.050
10000 Pcs

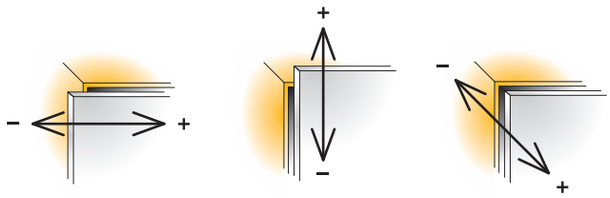
Hinge angle restrictor
⇢ see page 2.95



TouchControl Solutions
⇢ see pages 2.119-2.126



Door adjustment



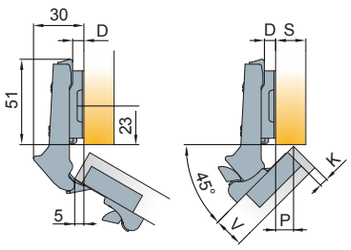
Side adjustment +3/-1mm

Height adjustment +2/-2mm

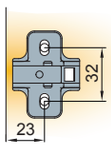
Depth adjustment +5/-1.5mm

For further explanation ⟶ see pages 2.18-2.20

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⟶ see page 2.9

P		9	9.5	10	10.5	11	11.5	12	12.5	13.5	
K	3	3		2		1		0			
	4		3		2		1		0		
	5				3		2		1	0	D

Drawing show application on D=3mm mounting plate

Door clearance

For further explanation ⟶ see page 2.10

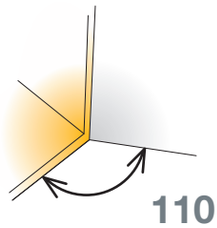


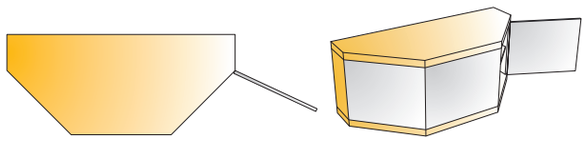
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap $Z_{MIN}=0$

S-type-i3 110/45°

45° angled application for wood doors



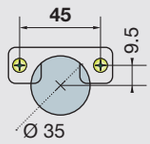


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	snap-on

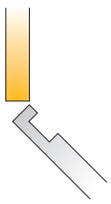


Technical details

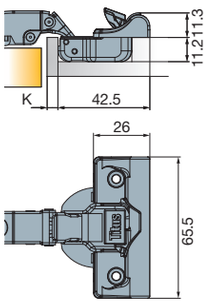
Interaxis
45mm



Cranking
18mm







Cup type	Item number
Screw-on	242.0G76.650

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel and plastic, arm made of zinc

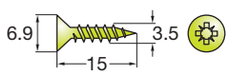
Mounting plates
⇢ *see pages 2.89-2.94*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

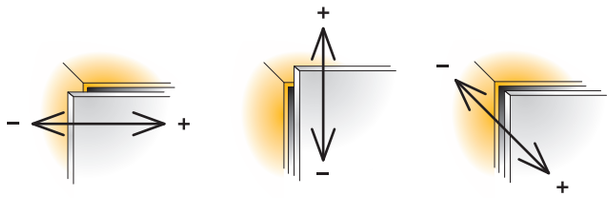
Hinge angle restrictor
⇢ *see page 2.95*



TouchControl Solutions
⇢ *see pages 2.119-2.126*



Door adjustment



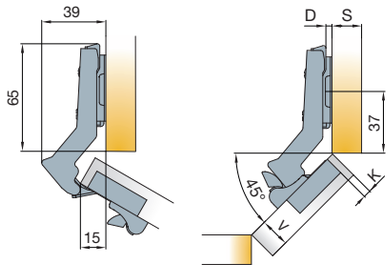
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

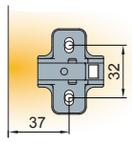
For further explanation ⟶ see pages 2.18-2.20

Mounting details



Drawing shows application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⟶ see page 2.9

K	3	4	5	
	0	1	2	D

Door clearance

For further explanation ⟶ see page 2.10

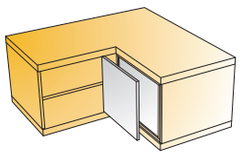


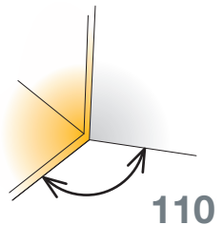
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type-i3 110/90°

For wood door cabinets with blind panels



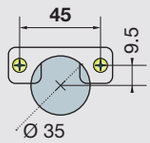


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system snap-on



Technical details

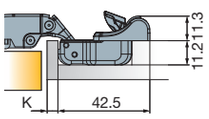
Interaxis
45mm

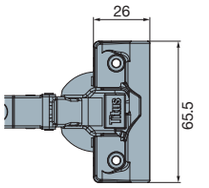


Cranking
18mm









Cup type	Item number
Screw-on	242.0Y45.650

Drilling patterns for hinge cups
⇢ see page 2.13

100 Pcs

Cup made of steel and plastic, arm made of zinc

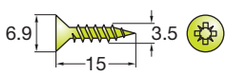
Mounting plates
⇢ see pages 2.89-2.94



Cover caps for hinge arm
⇢ see page 2.97



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

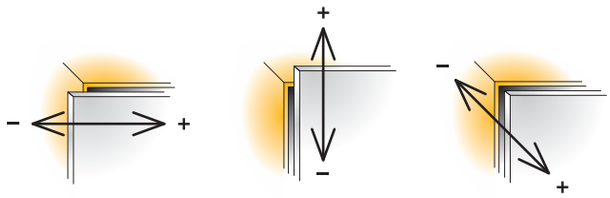
Hinge angle restrictor
⇢ see page 2.95



TouchControl Solutions
⇢ see pages 2.119-2.126



Door adjustment



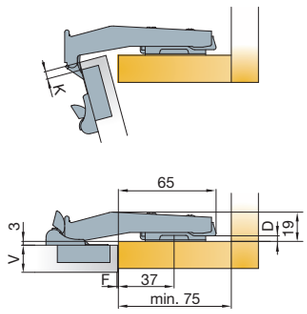
Side adjustment +5/-1.5mm

Height adjustment +2/-2mm

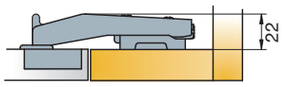
Depth adjustment +3/-1mm

For further explanation ⇢ see pages 2.18-2.20

Mounting details

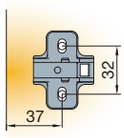


Drawings show application on D=0mm mounting plate



Drawing shows application on D=3mm mounting plate
Door aligned with blind panel

Mounting plate drilling distance



Door clearance

For further explanation ⇢ see page 2.10

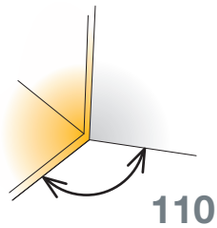


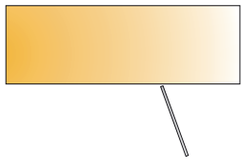
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

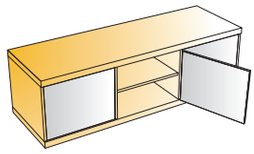
Gap Z_{MIN}=0

S-type 110

For wood doors





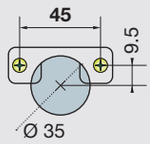


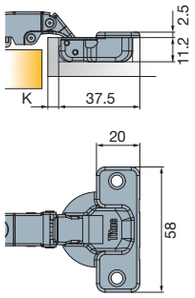
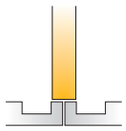
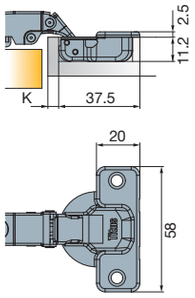
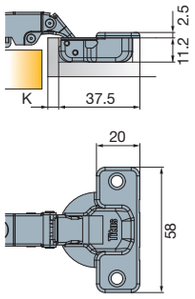
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on



Technical details

Interaxis
45mm



Cranking		Made of steel	Technical details	Cup type	Item number
0mm				Screw-on	248.0535.050
				Machine insertion	248.0171.050
				Drilling patterns for hinge cups ⇢ see page 2.13	
200 Pcs					
9mm				Screw-on	248.0536.050
				Machine insertion	248.0279.050
				Drilling patterns for hinge cups ⇢ see page 2.13	
200 Pcs					
15mm				Screw-on	248.0537.050
				Machine insertion	248.0280.050
				Drilling patterns for hinge cups ⇢ see page 2.13	
200 Pcs					

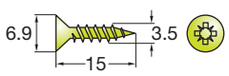
Mounting plates
⇢ *see pages 2.89-2.94*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6308.050
10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



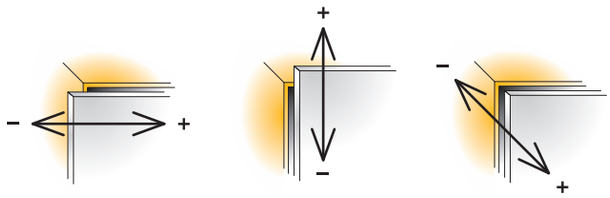
TouchControl Solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



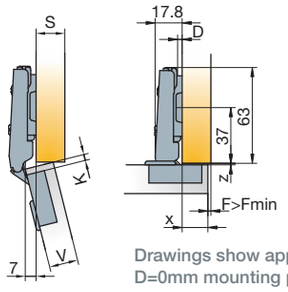
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

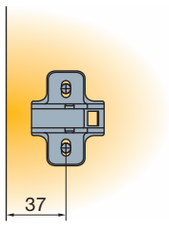
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

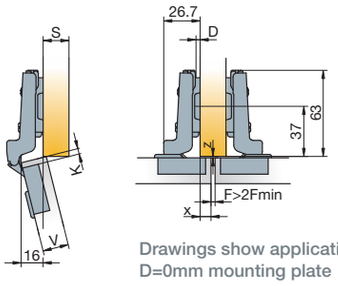


Mounting plate thickness table

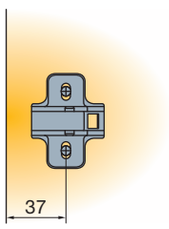
For further explanation ⇢ see page 2.9

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

D=13+K-X

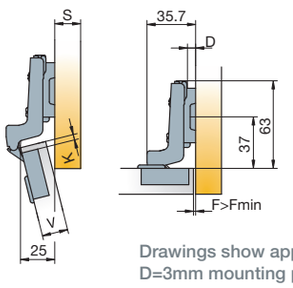


Drawings show application on D=0mm mounting plate

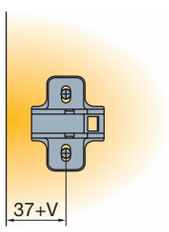


X		4	5	6	7	8	9	
K	3	3	2	1	0			
	4		3	2	1	0		
	5			3	2	1	0	D

D=4+K-X



Drawings show application on D=3mm mounting plate



V		16	17	18	19	20	21	
K	3	2	2	2	3	3	3	
	4	3	3	3				
	5	3						D

D=-2+K-F

Door clearance

For further explanation ⇢ see page 2.10

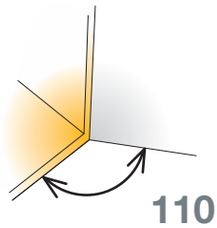


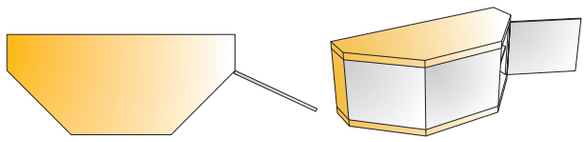
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/45°

45° angled application for wood doors



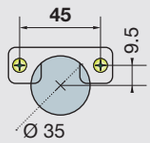


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

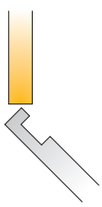


Technical details

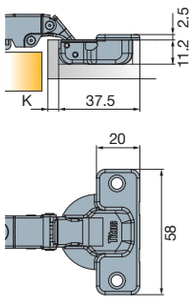
Interaxis
45mm



Cranking
9mm







Cup type	Item number
Screw-on	248.0433.050
Machine insertion	248.0N16.050

Drilling patterns for hinge cups
⇢ *see page 2.13*

200 Pcs

Cup made of steel, arm made of zinc

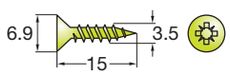
Mounting plates
⇢ *see pages 2.89-2.94*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



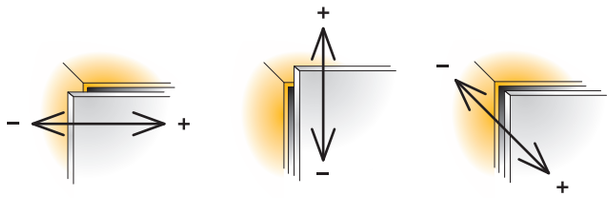
TouchControl Solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



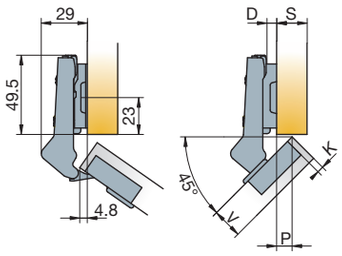
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

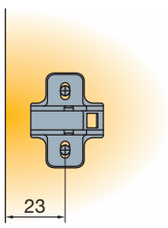
For further explanation ⟶ see pages 2.18-2.20

Mounting details



Drawings show application on D=3mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⟶ see page 2.9

P		9	9.5	10	10.5	11	11.5	12	12.5	13.5	
K	3	3		2		1		0			
	4		3		2		1		0		
	5				3		2		1	0	D

Door clearance

For further explanation ⟶ see page 2.10

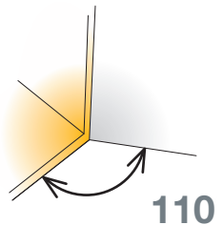


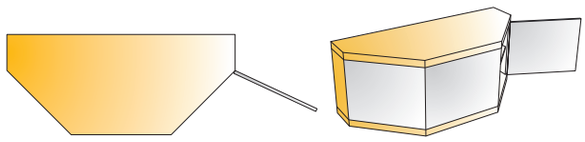
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/45°

45° angled application for wood doors



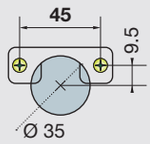


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

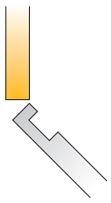


Technical details

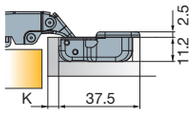
Interaxis
45mm

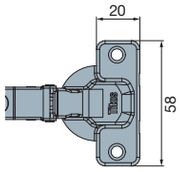


Cranking
18mm









Cup type	Item number
Screw-on	248.0285.050
Machine insertion	248.0N20.050

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

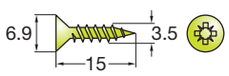
Mounting plates
⇢ *see pages 2.89-2.94*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



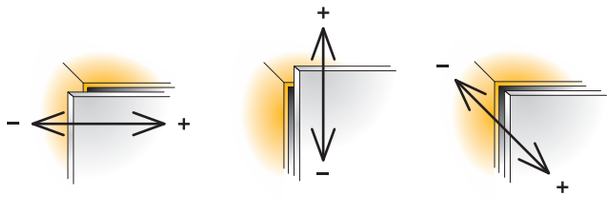
TouchControl Solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



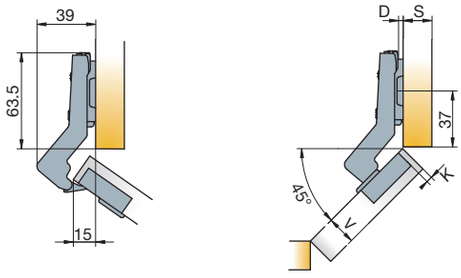
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.18-2.20

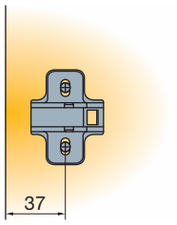
Mounting details



Drawings show application on D=0mm mounting plate

Drawing shows application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

K	3	4	5	
	0	1	2	D

Door clearance

For further explanation ⇢ see page 2.10

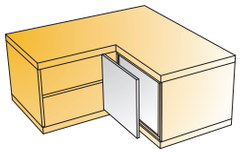


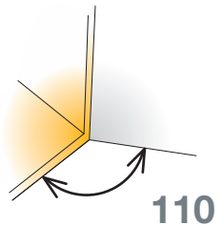
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/90°

For wood door cabinets with blind panels



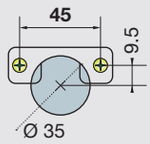


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on



Technical details

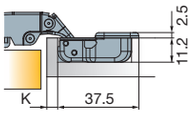
Interaxis
45mm

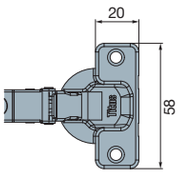


Cranking
18mm









Cup type	Item number
Screw-on	248.0745.050
Machine insertion	248.0N24.050

Drilling patterns for hinge cups
⇢ *see page 2.13*

100 Pcs

Cup made of steel, arm made of zinc

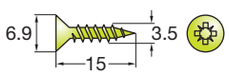
Mounting plates
⇢ *see pages 2.89-2.94*



Cover caps for hinge arm
⇢ *see page 2.97*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



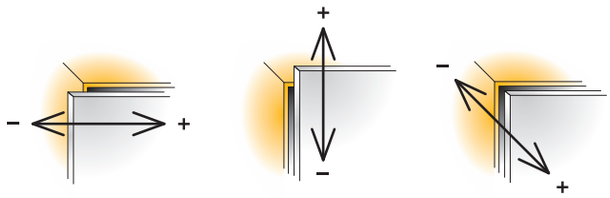
TouchControl Solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see pages 2.107-2.116*



Door adjustment



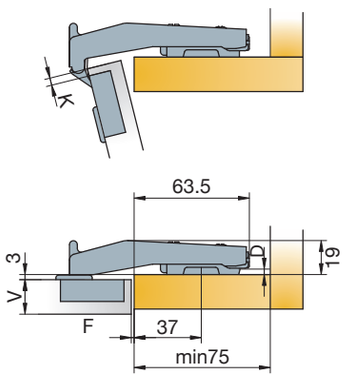
Side adjustment +5/-1.5mm

Height adjustment +2/-2mm

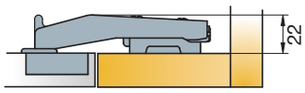
Depth adjustment +3/-1mm

For further explanation ⇢ see pages 2.18-2.20

Mounting details

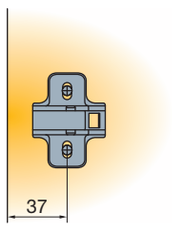


Drawings show application on
D=0mm mounting plate



Drawing shows application on
D=3mm mounting plate
Door aligned with blind panel

Mounting plate drilling distance



Door clearance

For further explanation ⇢ see page 2.10

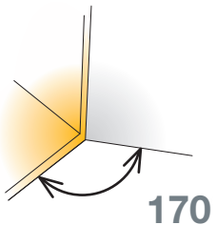


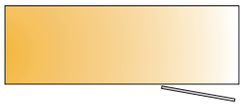
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

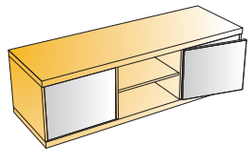
Gap Z_{MIN}=0

S-type 170

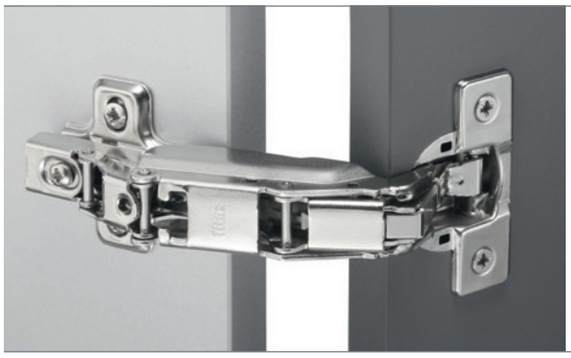
For wood doors





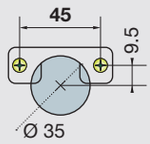


- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on

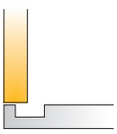


Technical details

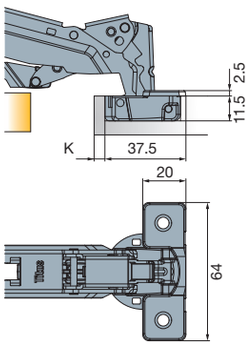
Interaxis
45mm



Cranking
0mm







Cup type	Item number
Screw-on	248.0R14.050
Machine insertion	248.0M73.050

Drilling patterns for hinge cups
⇢ *see page 2.13*

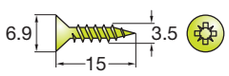
50 Pcs

Made of steel and zinc

Mounting plates
⇢ *see pages 2.89-2.94*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



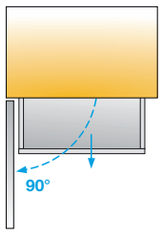
TouchControl Solutions
⇢ *see pages 2.119-2.126*



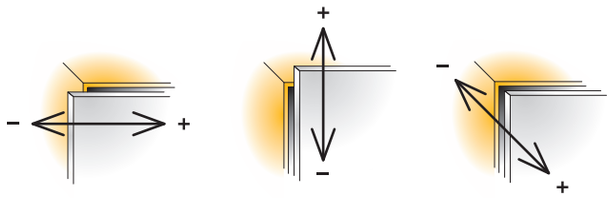
Soft closing systems
⇢ *see page 2.109*



Zero protrusion
with D=0 mounting plate



Door adjustment



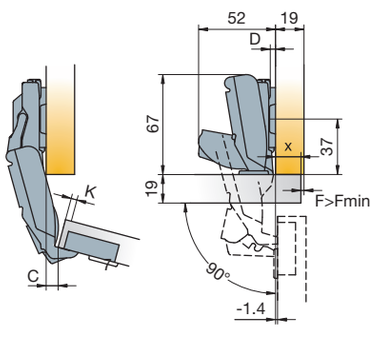
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

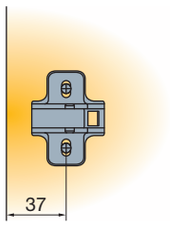
For further explanation ⇢ see pages 2.18-2.20

Mounting details



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

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.9

	X	10	11	12	13	14	15	16	17	18	19	20	
K	3	6			3	2	1	0					
	4		6			3	2	1	0				
	5			6			3	2	1	0			
	6				6			3	2	1	0		
	7					6			3	2	1	0	D

D=13+K-X

C value with D=0 mounting plates

K	3	4	5	6	7	
	-9.0	-8.1	-7.1	-6.1	-5.2	C

Door clearance

For further explanation ⇢ see page 2.10

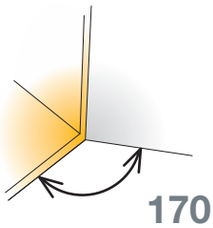


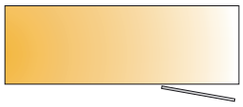
	V	16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

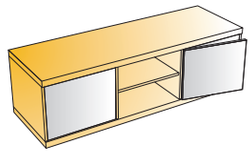
Gap Z_{MIN}=0.5

S-type 170

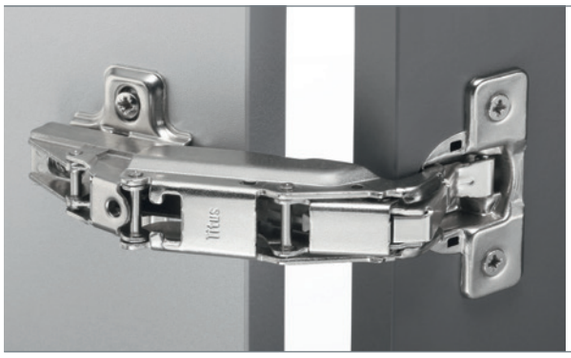
For wood doors





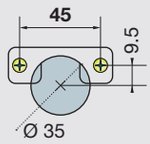


- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on



Technical details

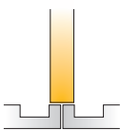
Interaxis
45mm



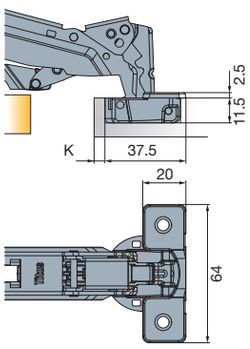
Cup type	Item number
Screw-on	248.0162.050

Drilling patterns for hinge cups
⇢ *see page 2.13*

Cranking
9mm







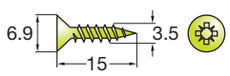
50 Pcs

Made of steel and zinc

Mounting plates
⇢ *see pages 2.89-2.94*



Hinge cup screws
If not pre-mounted



820.6308.050

10000 Pcs

Hinge angle restrictor
⇢ *see page 2.95*



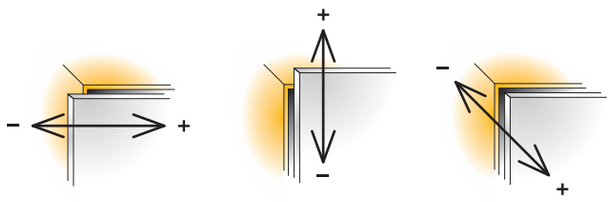
TouchControl Solutions
⇢ *see pages 2.119-2.126*



Soft closing systems
⇢ *see page 2.109*



Door adjustment



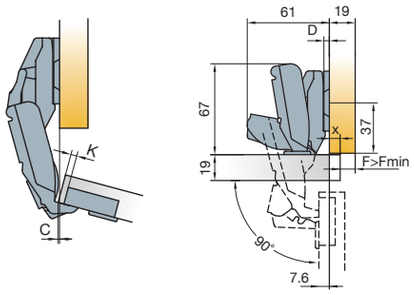
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

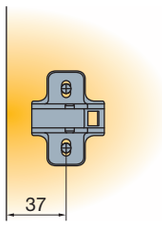
For further explanation ⇢ see pages 2.18-2.20

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

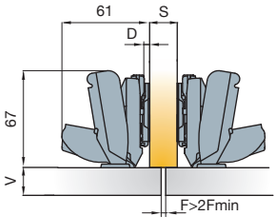
For further explanation ⇢ see page 2.9

X		1	2	3	4	5	6	7	8	9	10	11	
	3	6			3	2	1	0					
	4		6			3	2	1	0				
K	5			6			3	2	1	0			
	6				6			3	2	1	0		
	7					6			3	2	1	0	D

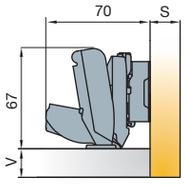
D=4+K-X

C value with D=0 mounting plates

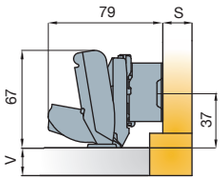
K	3	4	5	6	7	
C	0	0.9	1.9	2.9	3.8	D



Drawing shows application on D=0mm mounting plate



Drawing shows application on D=9mm mounting plate



Drawing shows application on D=18mm mounting plate

Door clearance

For further explanation ⇢ see page 2.10

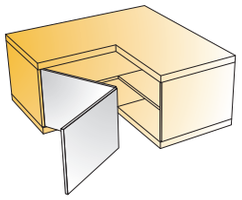


V		16	17	18	19	20	21	22	23	24	
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
K	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

S-type
for Pie-cut Corner Cabinet

For wood doors

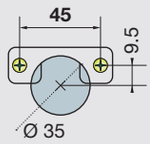


- Opening angle 90°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

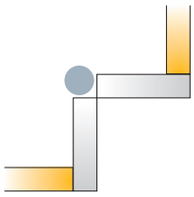


Technical details

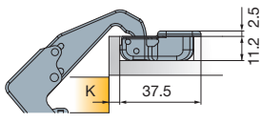
Interaxis
45mm

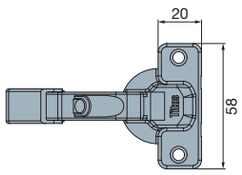


Corner cabinet









Cup type	Item number
Screw-on	248.0U21.050
Machine insertion	248.0U22.050

Drilling patterns for hinge cups
see page 2.13

100 Pcs

Cup made of steel, arm made of zinc

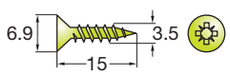
Mounting plates
see pages 2.89-2.94



Cover caps for hinge arm
see page 2.97



Hinge cup screws
If not pre-mounted



820.6308.050

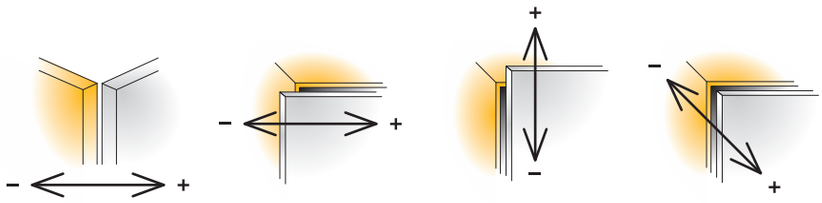
10000 Pcs

TouchControl Solutions
see pages 2.119-2.126



· Use in pair with 170° hinge

Door adjustment



Middle gap adjustment +6/-2mm

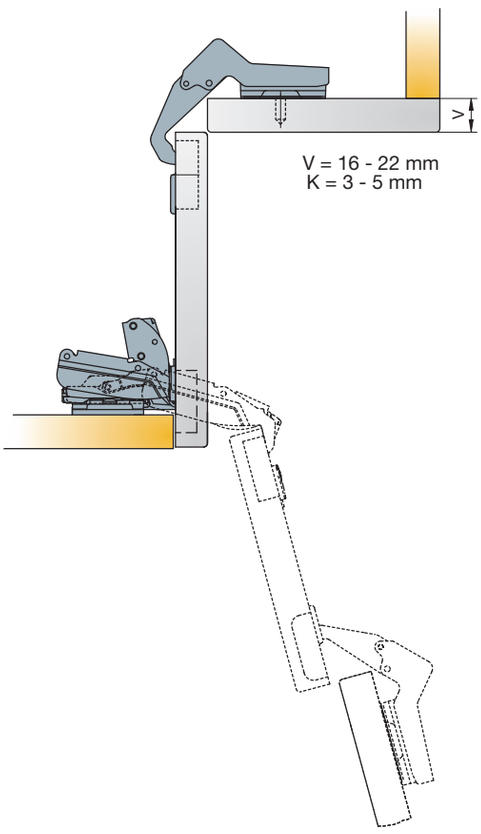
Side adjustment +3/-1mm

Height adjustment +2/-2mm

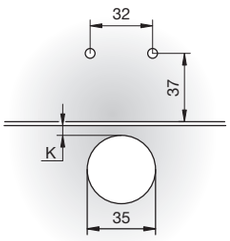
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.18-2.20

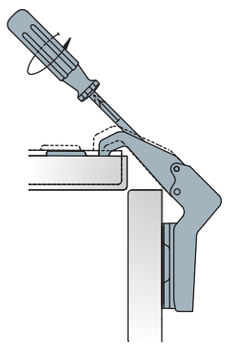
Mounting details



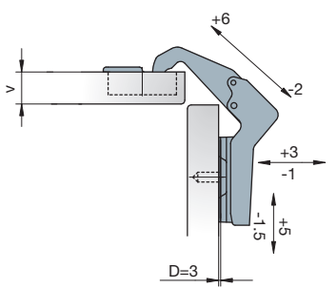
Mounting plate drilling distance



Adjustments



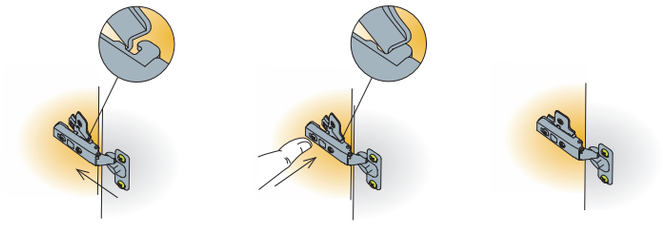
The diagonal adjustment is made by rotating the appropriate screw as shown on the drawing



Drawing shows application on D=3mm mounting plate

S-type
Mounting Plates

S-type snap-on mounting



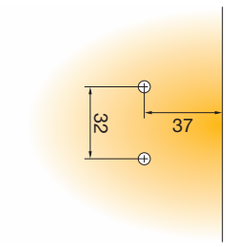


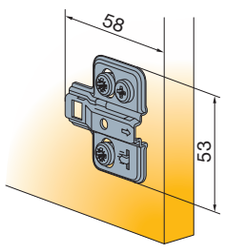
Drilling pattern

Dimensions

Cam adjustable cruciform mounting plate 37mm



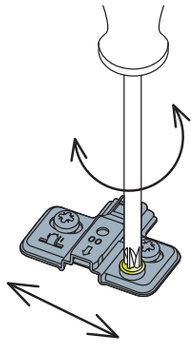




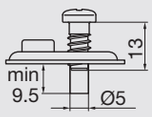
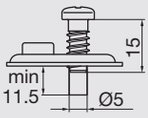
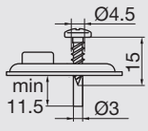
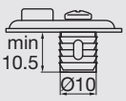
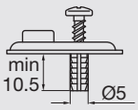
200 Pcs Made of steel



Mounting plate thickness



Height adjustment +/- 2mm

Mounting plate type	13	15	15	10.5	10.5
Mounting plate thickness (D)					
	Item number	Item number	Item number	Item number	Item number
0mm	244.0258.050	244.0261.050	*244.0264.050	*244.0342.050	244.0270.050
3mm	244.0260.050	244.0263.050	*244.0266.050	*244.0344.050	244.0272.050

* Available upon special request ⇢ *see page 0.3*

Legend of mounting plate type symbols

13

Pre-mounted
13mm euro screws



15

Pre-mounted
15mm euro screws



15

Pre-mounted
chipboard screws



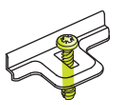
10.5

Machine
insertion ready



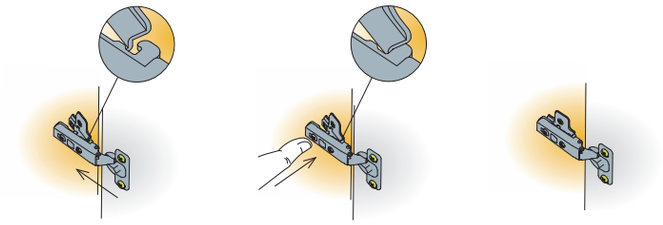
10.5

Pre-mounted
10.5mm
expanding dowels



S-type
Mounting Plates

S-type snap-on mounting



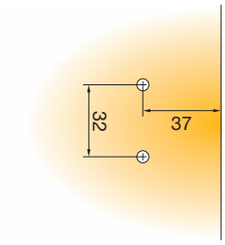


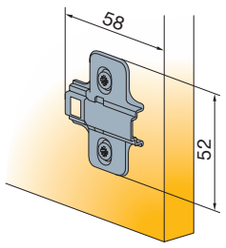
Drilling pattern

Dimensions

Cruciform mounting plate



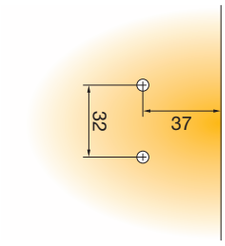


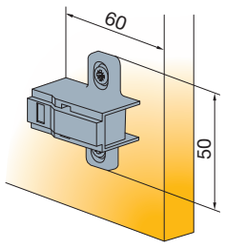


200 Pcs Made of steel

Zinc diecast cruciform mounting plate 37mm

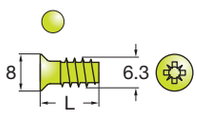






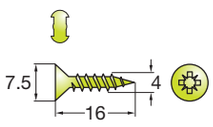
200 Pcs Made of zinc

Fixing screws for mounting plates
If not pre-mounted



Euro screws
821.6304.050 L=11
821.6323.050 L=13
821.6332.050 L=15

5000 Pcs

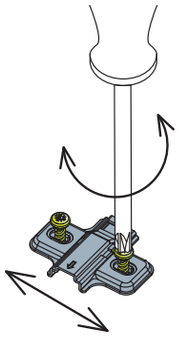


Chipboard screws
820.6328.050

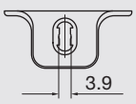
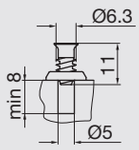
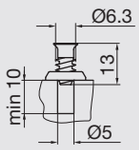
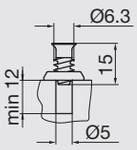
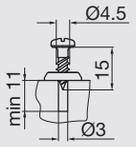
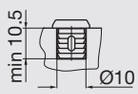
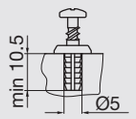
10000 Pcs



Mounting plate thickness

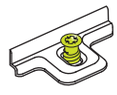
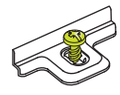
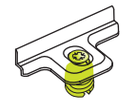
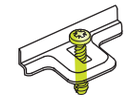


Height adjustment +/- 2mm

Mounting plate type			11	13	15	15	10.5	10.5
Mounting plate thickness (D)								
	Item number	Item number	Item number	Item number	Item number	Item number	Item number	Item number
0mm	244.1136.050	*244.1233.050	244.0Z26.050	244.0134.050	244.0118.050	*244.0136.050	*244.0166.050	244.0P26.050
3mm	244.1139.050	*244.1234.050		244.0135.050	244.0119.050	*244.0137.050	*244.0167.050	244.0P27.050
9mm	244.3651.650			244.0M33.650	244.0P29.650			
18mm	244.3016.650			244.0085.650	244.0095.650			

* Available upon special request ⇢ *see page 0.3*
Mounting plates with premounted 7.5mm expanding dowels available upon special request ⇢ *see page 0.3*

Legend of mounting plate type symbols

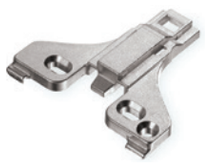
		11	13	15	15	10.5	10.5
Screw on ready for euro screws ⇠ *screws*	Screw-on ready for chipboard ⇠ *screws*	Pre-mounted 11mm euro screws	Pre-mounted 13mm euro screws	Pre-mounted 15mm euro screws	Pre-mounted chipboard screws	Machine insertion ready	Pre-mounted 10.5mm expanding dowels
							

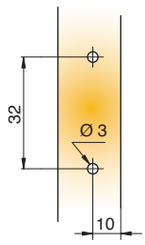
S-type
Mounting Plates for Face Frame Cabinets

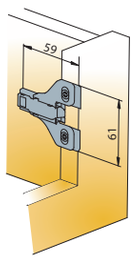
Drilling pattern

Dimensions

Face frame adapter for S-type hinges

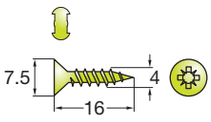






200 Pcs Made of zinc alloy

Fixing screw for mounting plates
If not pre-mounted

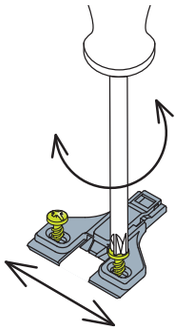


Chipboard screws
820.6328.050

10000 Pcs



Mounting plate thickness



Height adjustment +/- 2mm

Mounting plate type		
Mounting plate thickness (D)	Item number	
0mm	244.3653.650	
3mm	244.3654.650	
6mm	244.3655.650	

Legend of mounting plate type symbols

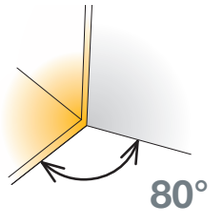
Screw-on ready for chipboard screws
screws



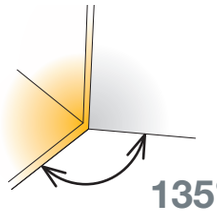
Hinge Angle Restrictors

For all Titus Hinges with 110° and 170° opening angle

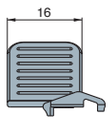
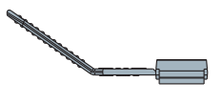
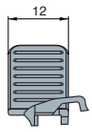
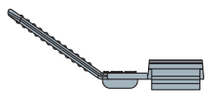
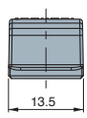
For 110 hinges



For 170 hinges

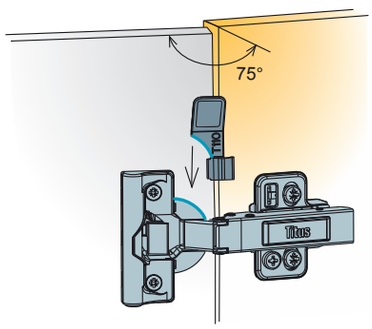




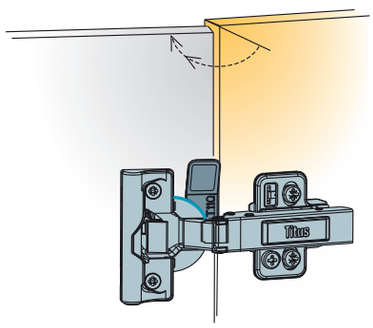
	Technical details	Item number	Light grey
80° Hinge Angle Restrictor T-type	For all T-type 110°	728.4669	380
200 Pcs — Made of plastic	  		
80° Hinge Angle Restrictor S-type	For all S-type 110°	248.4668	380
200 Pcs — Made of plastic	  		
135° Hinge Angle Restrictor	For all 170° hinges	248.4672	380
200 Pcs — Made of plastic	  		

- Hinge angle restrictor limits opening angle
- Prevents door damage
- Easy and quick mounting and dismounting

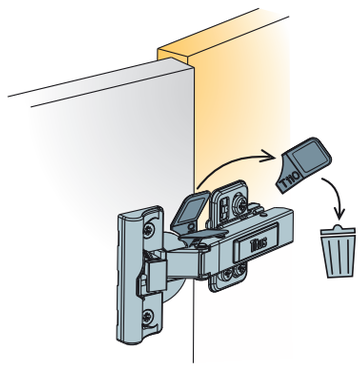
Mounting details



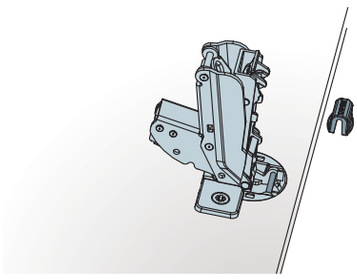
Open the door to approximately 75° and position angle restrictor to follow the hinge cup form



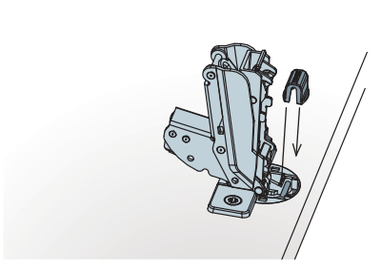
Push to fully open. Audible click indicates angle restrictor is in the right position



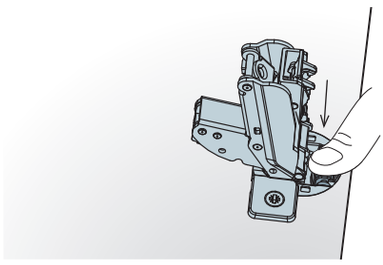
Close the door to remove the restrictor holder (cracks by itself while closing the door)



Hinge has to be in closed position



Insert angle restrictor into the hinge cup

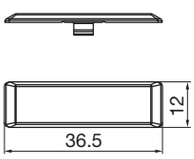
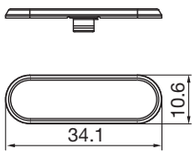
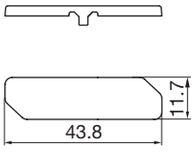


When angle restrictor is in the right position push it down

Recommended to insert angle restrictor while doors are not mounted on the cabinet

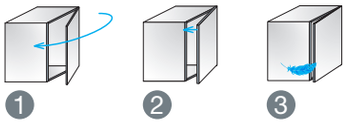
Cover Caps
For 110 hinges



Technical details	Logo	Item number	Nickel plated
T-type	Titus	**728.1286**	054
	without	**728.1283**	054
	Not for 5mm, 9mm, 17mm hinge cranking		
5000 Pcs Made of steel			
T-type	Titus	**728.1287**	054
	without	**728.1284**	054
	For all T-type range		
5000 Pcs Made of steel			
S-type	Titus	**248.1646**	050
	without	**248.1712**	050
			
4000 Pcs Made of steel			

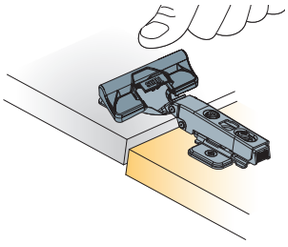


Glissando Soft Closing Systems for Hinges



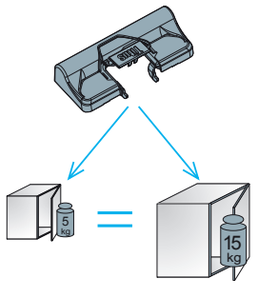
ConfidentClose

- 1 Fast closing
- 2 Late start of deceleration action
- 3 Quiet landing with ‘SoftTouch’



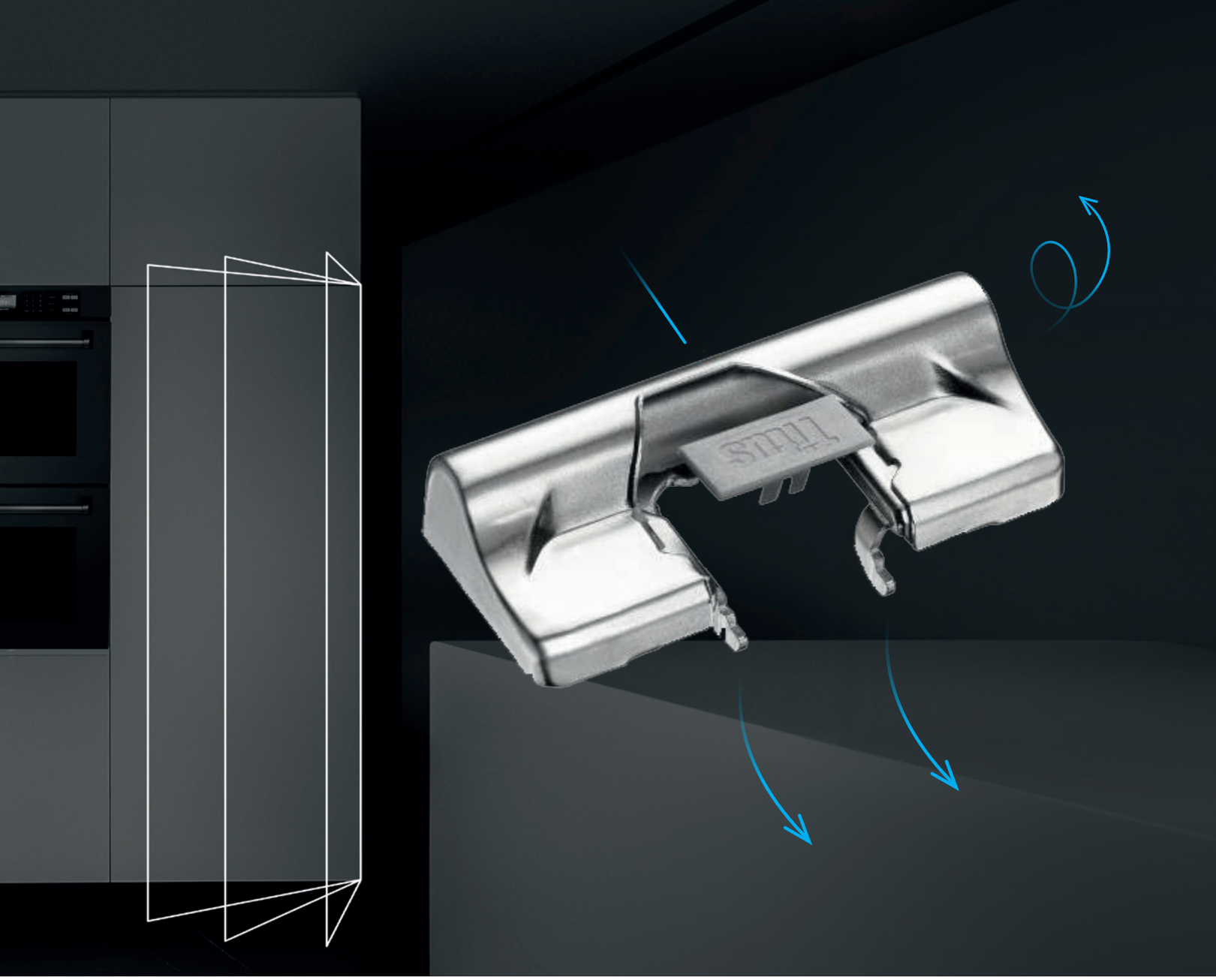
Tool-less mounting

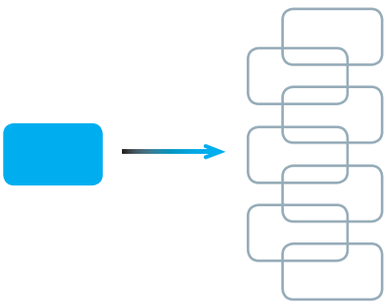
- Reduced assembly time
- Flexible usage also as a retrofit option



Consistent Performance

- Only one Glissando for two to three hinges
- Allows for consistent performance on a wide range of door dimensions and weights





One-for-all

- One item fits multiple applications
- Same item can be used on all crankings and angled hinges



Titus Damper Inside

- Titus proprietary multi-purpose damping technology
- Efficient modular design
- Relaible and consistent damping

Glissando Add-on
Soft Closing Range

How to Choose the Right Glissando?

Glissando TT
Glissando TL3
Glissando TL 170
Glissando CR
Glissando AL

Titus Glissando soft closing system is available for the whole range of hinge applications. The user can choose between add-on or stand-alone solutions.

Concealed hinges	Add-on hinge soft closing solutions			Stand-alone door soft closing solution	
	Glissando TT	Glissando TL3	Glissando TL 170	Glissando CR	Glissando AL
T-type 95	X			X	X
T-type 110	X			X	X
T-type 110/45°	X				
T-type 110/90°	X				
T-type 120	X			X	X
T-type 170			X	X	X
S-type 110		X		X	X
S-type 110/45°		X			
S-type 110/90°		X			
S-type 170			X	X	X

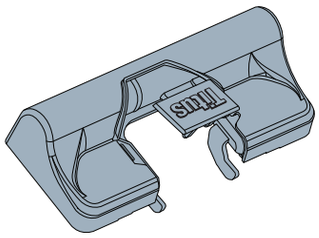
Glissando
Application

Titus Glissando soft closing devices can't be used with unsprung and reverse spring hinges.

Glissando TT 'One-for-all'

T-type

- One item fits multiple applications
- Same item can be used on all crankings and angled hinges
- Designed to fit the concealed hinge cup
- Tool-less mounting
- Suitable for different types of cabinets for kitchens, living rooms, bathrooms and other furniture





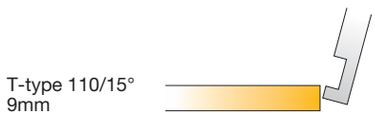




















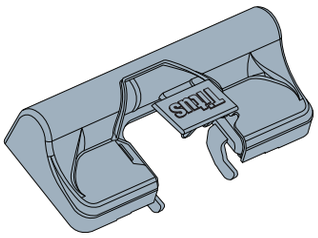


Glissando
Application

Glissando TL3 'One-for-all'

S-type

- One item fits multiple applications
- Same item can be used on all crankings and angled hinges
- Adjustable damping enables perfect functioning on every door
- Designed to fit the concealed hinge cup
- Tool-less mounting
- Suitable for different types of cabinets for kitchens, living rooms, bathrooms and other furniture



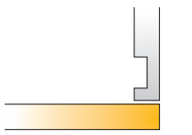
S-type 110
0mm



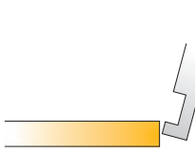
S-type 110
9mm



S-type 110
15mm



S-type 110/15°
9mm



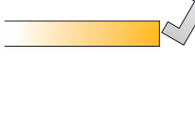
S-type 110/24°
9mm



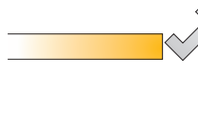
S-type 110/30°
9mm



S-type 110/45°
9mm



S-type 110/45°
18mm



S-type 110/90°
18mm

Glissando
Number per Door and Positioning

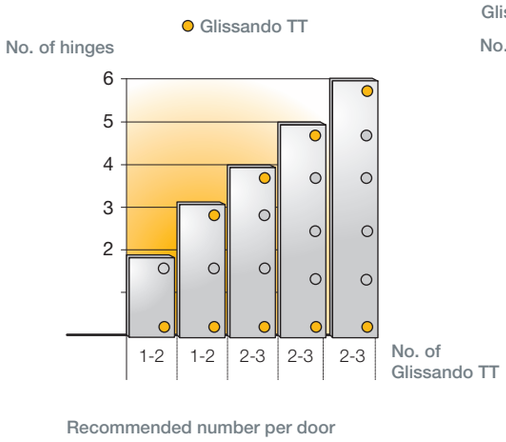
How Many Glissandos per Door?

Add-on hinge soft closing solution

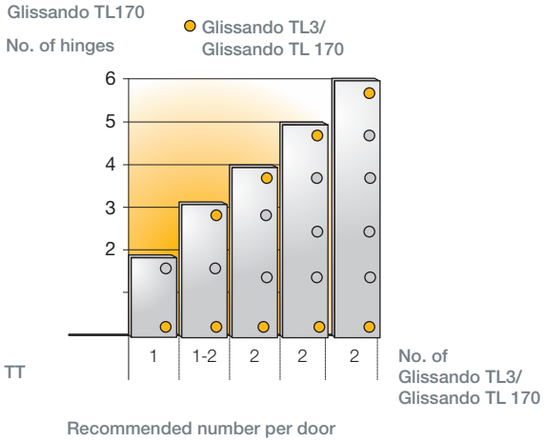
Glissando TT
Glissando TL3
Glissando TL 170

Number of Glissando per door depends on door dimensions, door weight, hinge arrangement.
Trial mounting is recommended.

Glissando TT



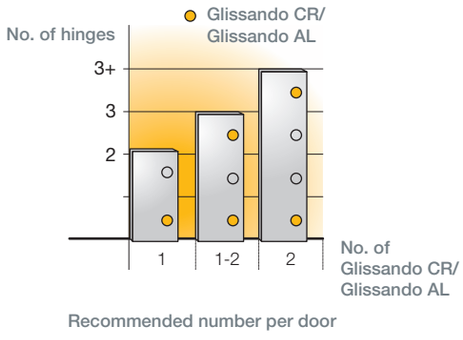
Glissando TL3
Glissando TL170



Stand-alone soft closing solution

Glissando CR
Glissando AL

Mount Glissando CR/AL on the hinged side of the cabinet on the top or bottom.

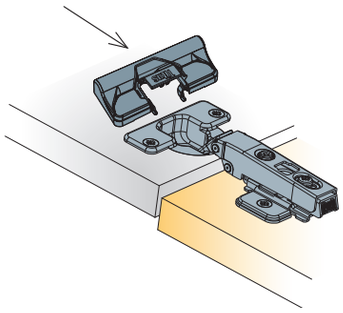


Glissando
Mounting

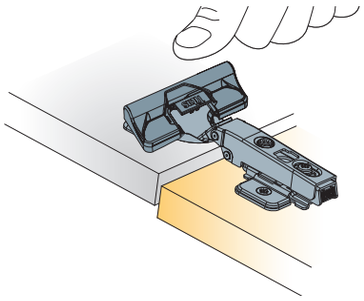
How to Mount Glissando?

Tool-less mounting

Glissando TL3
Glissando TT
Glissando TL 170



Simple tool-less assembly: Insert Glissando into the holes on the hinge and press down with hand.



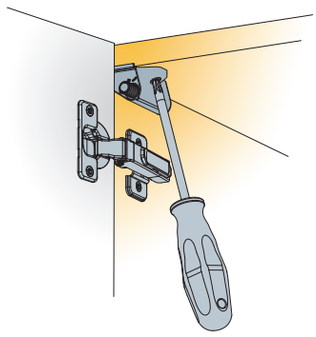
The tool-less ‘snap on’ version for reduced assembly time and flexibility of application. Glissando TL can be mounted at any time after furniture assembly so can be offered as a retro fit option by the installer.

Screw-on into the cabinet corner

Glissando CR

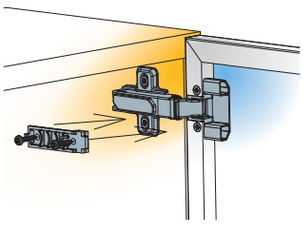
Glissando CR is mounted into the cabinet corner by using chipboard screws 20mm long.

Glissando dampers’ discreet design enhances the look of the door and occupies minimal space in the cabinet interior.

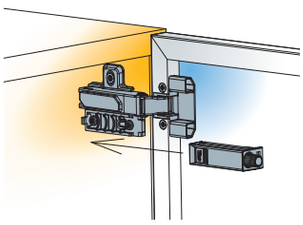


Screw-on onto the mounting plate

Glissando AL



Position the mounting plate below the hinge arm and fix with two screws. Use hinge mounting plate as a reference.



Slide Glissando AL onto the mounting plate

Glissando
Damping Adjustment

How to Adjust Damping?

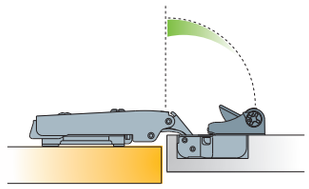
Add-on hinge soft closing solution

Glissando TL 170

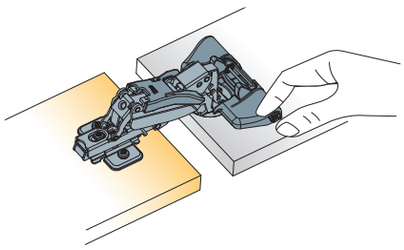
Glissando features quarter turn adjustment to provide optimal closing speed for any door dimensions and weight.

The damping function can be adjusted to fit different door weights which enables

- perfect door functioning
- use of the same type of Glissando for various doors



Adjustable damping zone

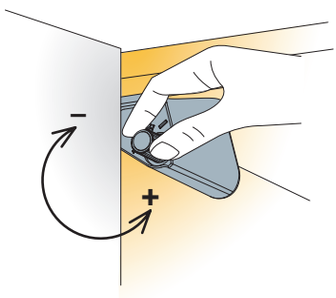


Turn towards '+' to increase and '-' to decrease the damping

Stand-alone soft closing solution

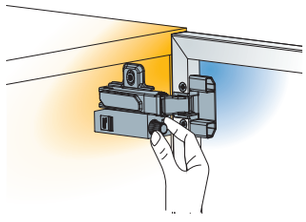
Glissando CR
Glissando AL

Turn towards '+' to increase or towards '-' to decrease the damping.



Damping adjustment

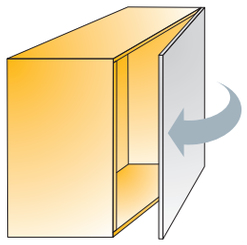
- Simple mounting
- Intuitive damping adjustment



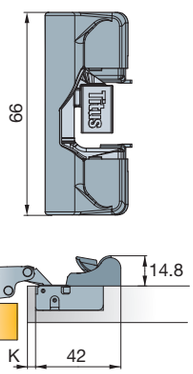
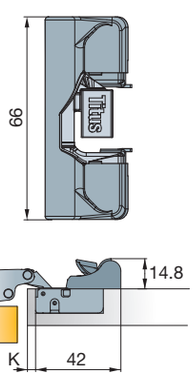
Turn towards '+' to increase and '-' to decrease the damping

Glissando TT
Glissando TL3
Add-on Hinge Damper

For 95°, 110° and 120° hinges



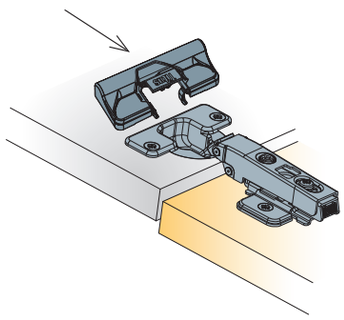


	Technical details	Hinge opening angle	Item number
Glissando TT · **T-type 95** · **T-type 110** · **T-type 120**		95°, 110°, 120°	**729.0K71.054**
 200 Pcs Made of steel and plastic			
Glissando TL3 · **S-type 110**		110°	**951.0D45.054**
 200 Pcs Made of steel and plastic			

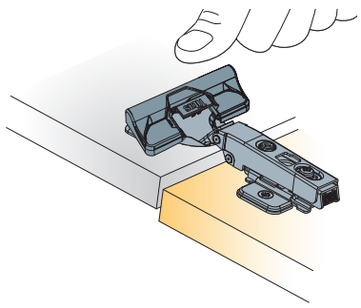
- Same item can be used on most of crankings and angled hinges
- Intuitive snap-on mounting
- Low protrusion in cabinet interior
- Consistent performance across a broad range of furniture doors

Mounting details

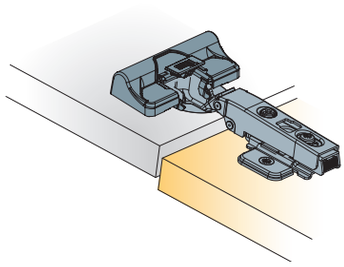
Tool-less mounting



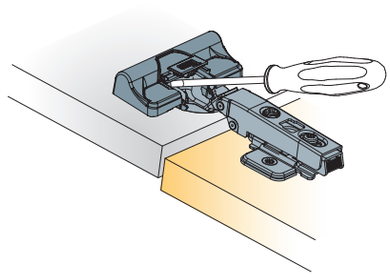
Insert Glissando TL3 into the holes on the hinge



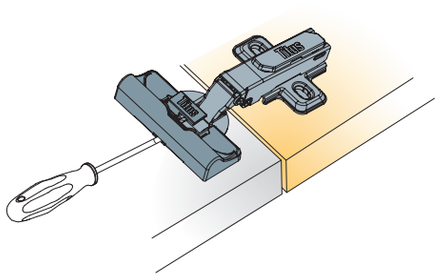
Press down



Dismounting details

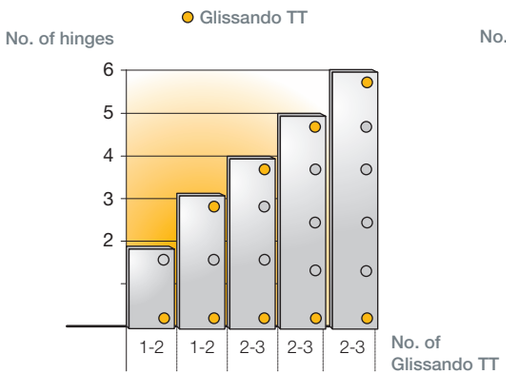


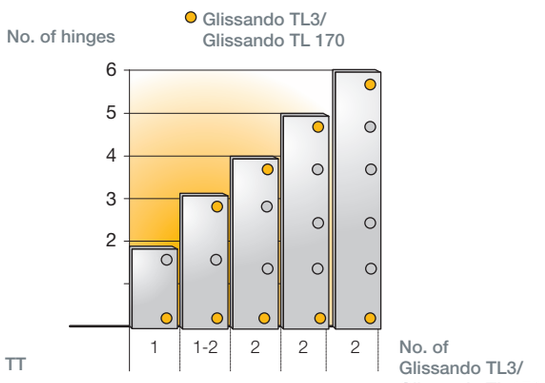
Use flat screwdriver



A trial mounting is always recommended.

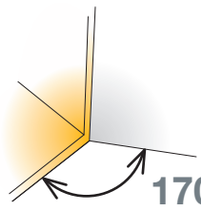
Recommended number of Glissandos per door

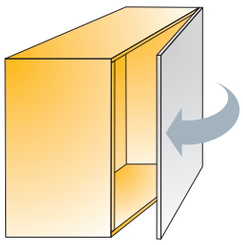




Glissando TL 170
Add-on Hinge Damper

For T-type 170, S-type 170 hinges





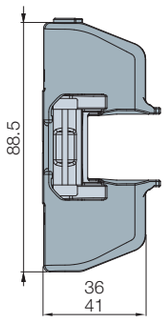


Technical details

Glissando TL 170	Hinge opening angle	Item number
	170°	951.0F15.650

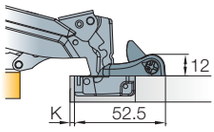


Soft closing mechanism





Striking plate

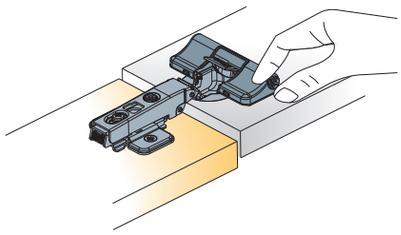


Box content
100 pcs soft closing mechanisms
100 pcs striking plates

100 Pcs Made of steel, plastic and zinc

- Gentle and reliable soft closing on doors with wider opening angle
- Fits perfectly 45/9.5mm, 48/6mm and 52/5.5mm hinge cups
- ConfidentClose
- Tool-less mounting

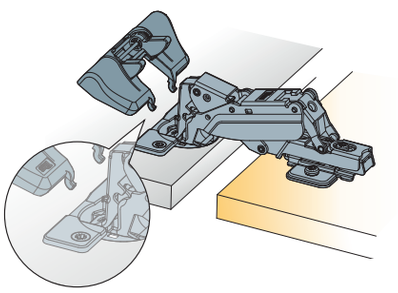
Damping adjustment



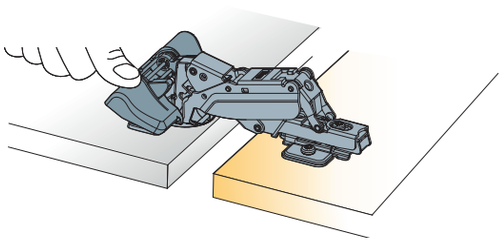
Turn towards '+' to increase and '-' to decrease the damping

Mounting details

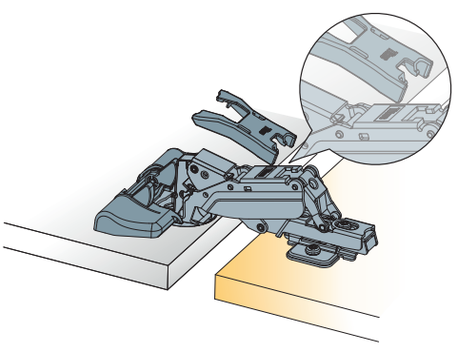
Tool-less mounting



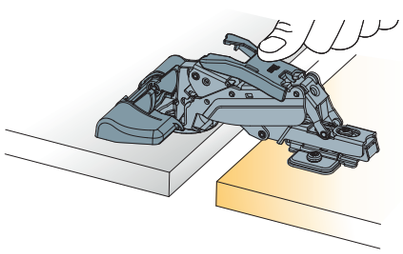
Insert Glissando TL 170 into the holes on the hinge cup



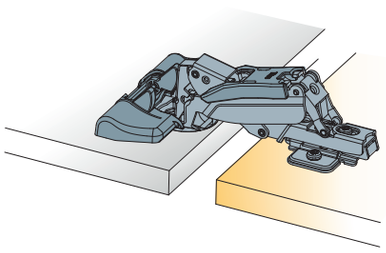
Press down



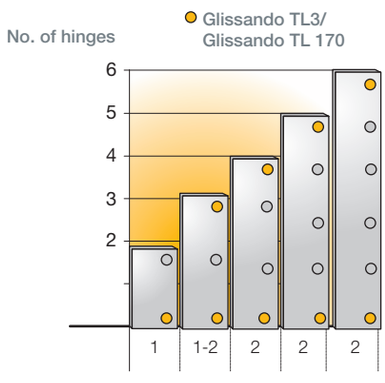
Place the striking plate into the hole on the hinge arm



Press down

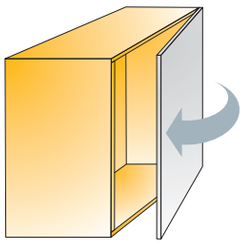


Recommended number of Glissandos per door



Glissando CR
Stand-alone Damper

For full overaly and half overaly concealed hinges

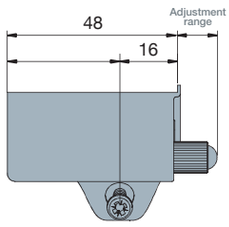




Technical details

	Hinge opening angle	Cranking	Item number	White housing	Grey housing	Beige housing
Glissando CR for full overlay hinges 	110°	0mm, 5mm	**972.0X19** ⇢	350	380	360

Nominal 11
(Adjustment: Nominal + 5mm)

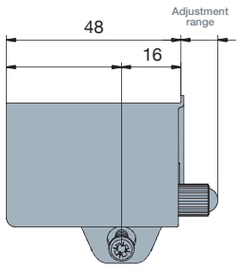


**Fixing screw included in a set*

100 Pcs Made of plastic

Glissando CR for half overlay hinges 	110°	9mm, 17mm	**972.0X34** ⇢		380	

Nominal 10
(Adjustment: Nominal + 5mm)

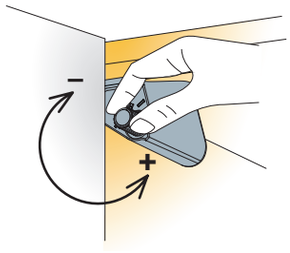


**Fixing screw included in a set*

100 Pcs Made of plastic

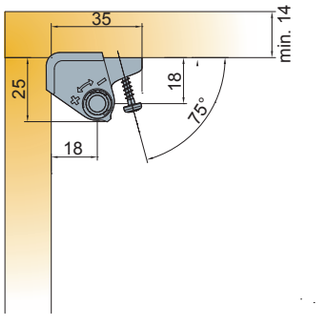
- Intuitive ‘place and fix’ installation in the corner of the cabinet
- Tool-less damping adjustment
- One item for a wide range of doors
- Reliable performance
- Can be paired with all self-closing hinges

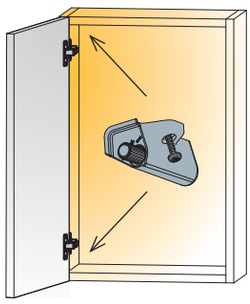
Damping adjustment



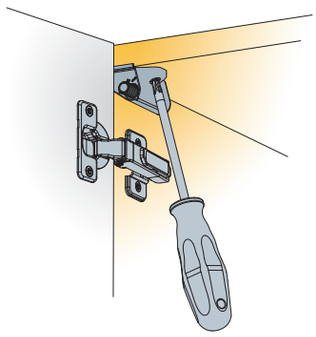
Turn towards ‘+’ to increase and towards ‘-’ to decrease the damping

Mounting details

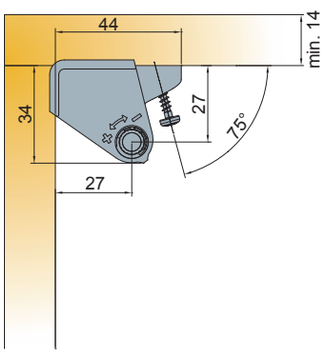


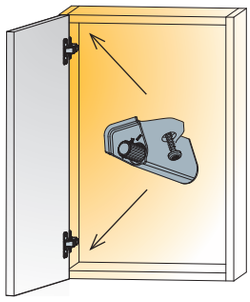


Mount Glissando CR on the hinged side of the cabinet

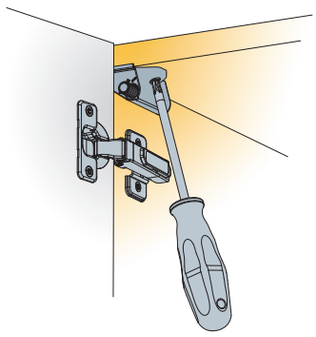


One screw fixing



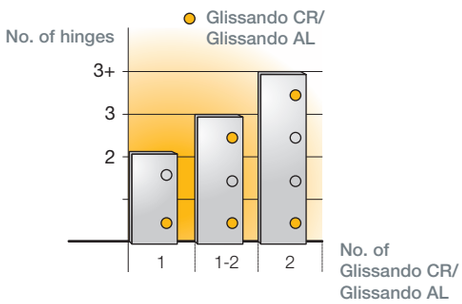


Mount Glissando CR on the hinged side of the cabinet



One screw fixing

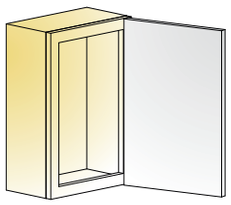
The functioning of Glissando CR depends of the hinge’s closing force. A trial mounting is always recommended.



Recommended number per door

Titusoft Door

For overlay doors on frame and frameless cabinets



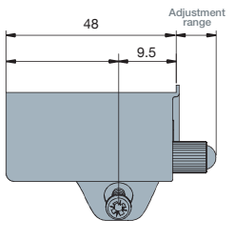


Technical details

Item number	White housing	Grey housing	Nickel plated
Titusoft Door			
972.0F09	350	380	650

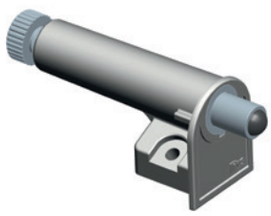
Nominal 12.5
(Adjustment: Nominal + 5mm)





100 Pcs Made of plastic

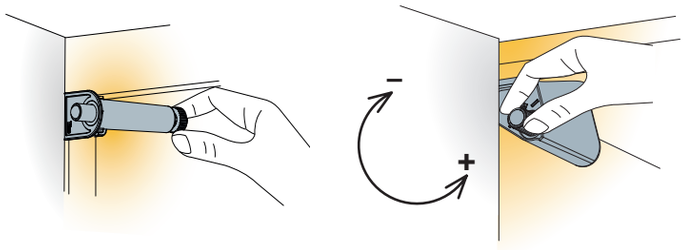
Titusoft Door Pro			
972.0X21			650



100 Pcs Made of zinc

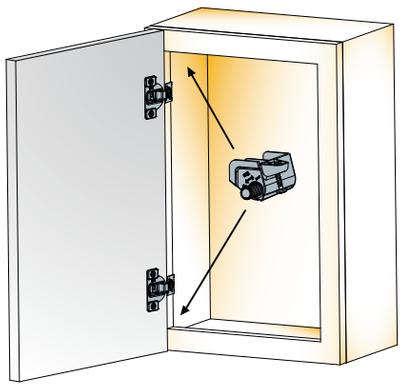
- Intuitive ‘Place&Fix’ installation in the corner of the cabinet
- Tool-less damping adjustment
- One item for a wide range of doors
- Reliable performance

Damping adjustment



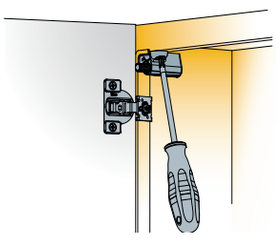
Turn towards ‘+’ to increase and towards ‘-’ to decrease the damping

Mounting details

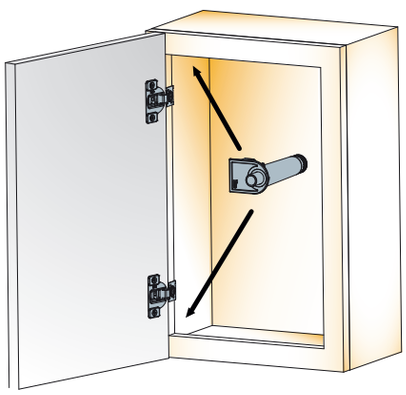


Mount Titusoft Door on the hinged side of the cabinet

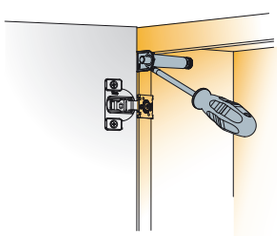
Fixing



One screw fixing

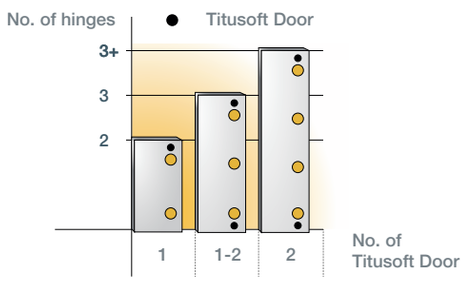


Mount Titusoft Door on the hinged side of the cabinet



One screw fixing

A trail mounting is always recommended. Please contact Titus Group or your local distributor for further technical assistance.

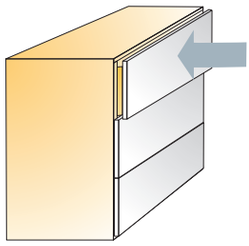


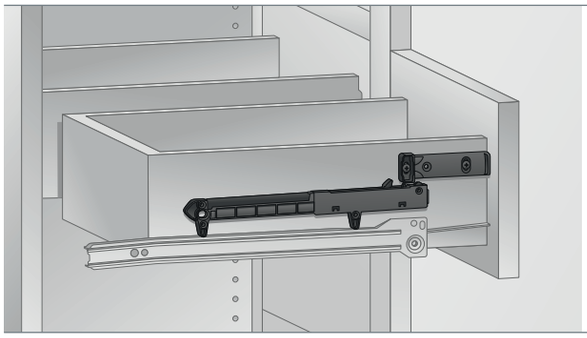
Recommended number per door

Titusoft FF

Soft Closing System for Face Frame Cabinets with Wooden Drawer

For wooden drawer with roller runners

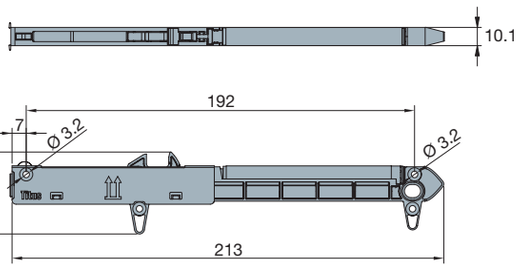




Titusoft FF

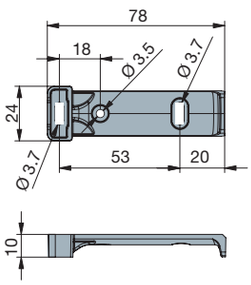


Titusoft mechanism





Activator



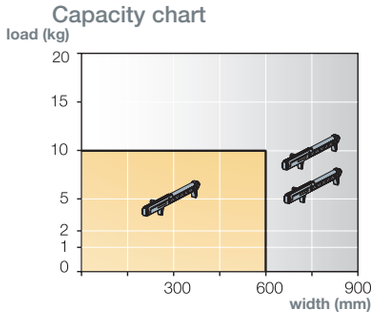
Technical details	Item number	Grey	White
Titusoft mechanism	**973.0M99** →	380	
Activator	**973.4451** →	380	350

Bag of 1
973.0M99.380.K1 300 Bags
- 1 Titusoft mechanism
- 1 activator grey
- 2 screws Ø3.5mm x 25mm
- 2 screws Ø3.5mm x 12mm
- 1 mounting instruction sheet

250 Pcs Made of plastic

- Works with most roller runner drawer slides
- Easy, intuitive mounting
- Smooth, soft closing action independent of drawer hardware
- Non-handed design

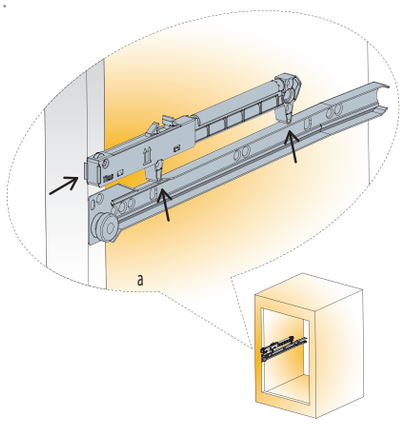
Capacity chart



Mount 1 or 2 Titusoft mechanisms depending on drawer weight and width

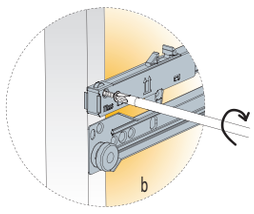
Mounting details

1.



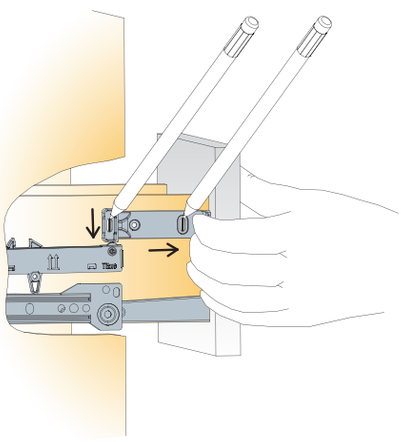
Position the Titusoft on the top of a drawer slide

2.



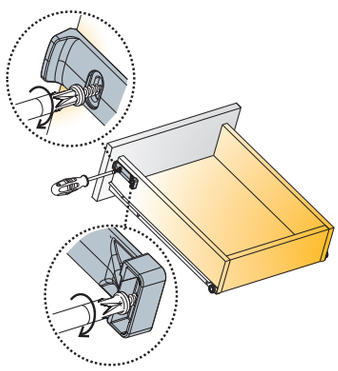
Screw the Titusoft mechanism to the face frame

3.



Align the activator with the top of the Titusoft mechanism and fix with two screws

4.



Fix with 2 (3) screws L=12mm

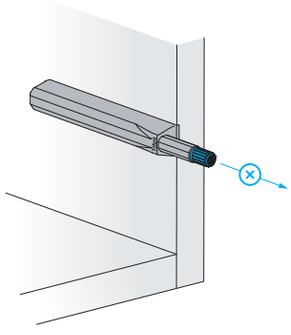
A trial mounting is always recommended. Please contact Titus Group or your local distributor for further technical assistance.

TouchControl Solutions



Push Latch S3

- Soft push opening system controls the outward motion for smooth, silent, and bounceless door movement
- Integrated damper ensures a soft landing, protecting the cabinet and enhancing user comfort



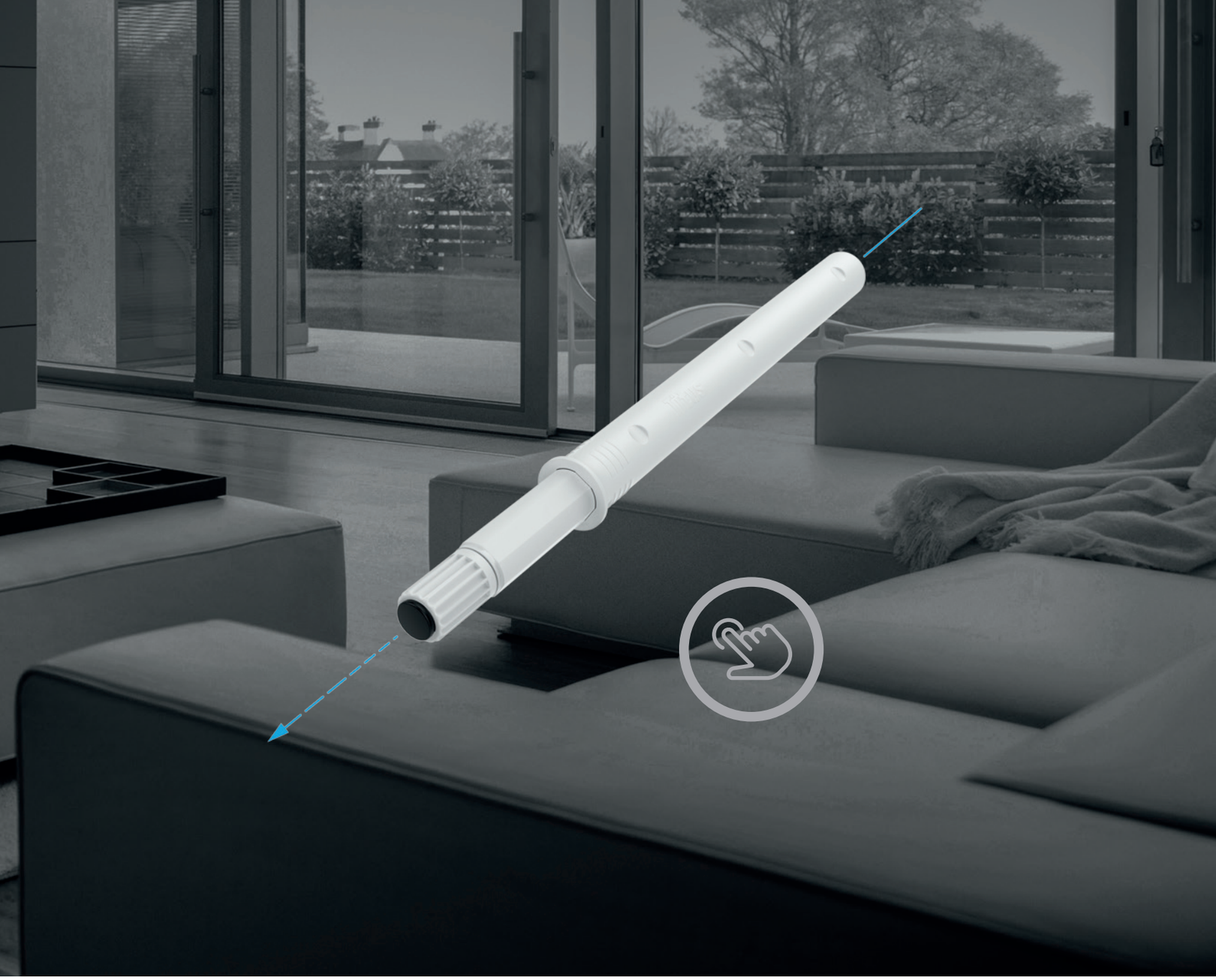
Built-in SafeGuard

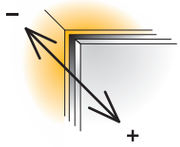
- For enhanced safety, adjustment button can't be removed
- Prevents from misuse



Noir, elegant and discreet dark finish

- Seamless integration of hardware into the furniture
- Uniform and discreet surface





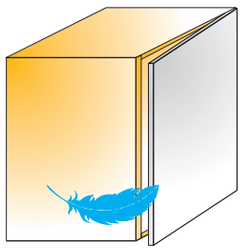
Toolless door gap adjustment

- Easy to compensate any door gaps that might occur during installation
- Adjustment button designed for smooth, hand-operated adjustment



Titus damper inside

- Push latch S2 and S3 version ensure controlled, soft and silent door opening
- Smooth user experience without door rebound
- Cushioned door landing

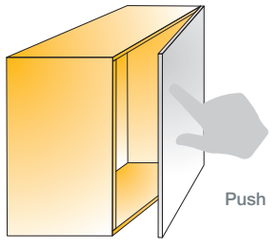


Reliable performance

- Reliable door opening and closing through the life-time

Push Latch S3

For all door types





Tehnical details

Item number

Dusty white

Anthracite

Black

Push Latch S3 with housing

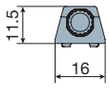
915.9277

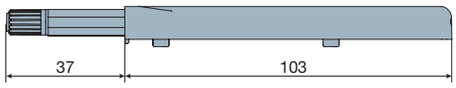
356

383

390

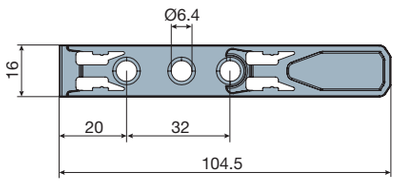






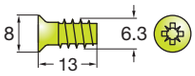


Linear mounting plate

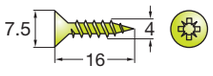


200 Sets Made of plastic

Fixing screws for mounting plates

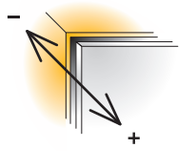


Euro screws
821.6323.050
5000 Pcs

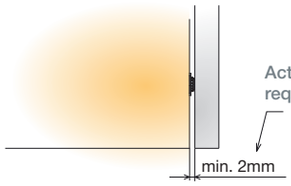


Chipboard screws
820.6328.050
10000 Pcs

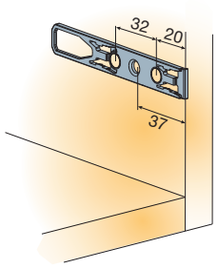
- Soft and silent push opening
- Door gap adjustment ensures reliable closing and consistent performance
- 'Safety click' feature for easy detachment of the mechanism from its mounting plate
- Lip on the mounting plate assures accurate positioning



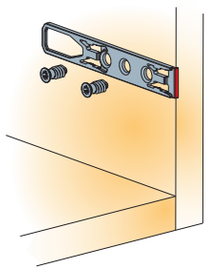
Door gap adjustment +3.5/-0mm

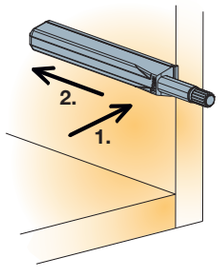


Drilling pattern

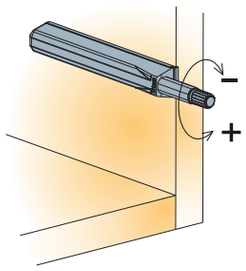


Mounting



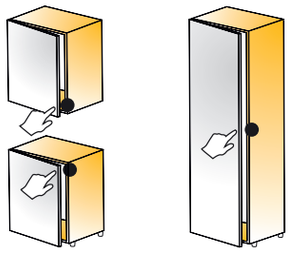


Depth adjustment



Adjustment +3.5/-0mm

Positioning

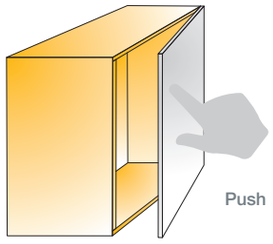


Mounting position close to the 'touch opening point' on the side opposite to hinges.

For application on cabinets with more than 2 hinges and cabinets with narrow doors we recommend a trial mounting.

Push Latch S3

For wood doors



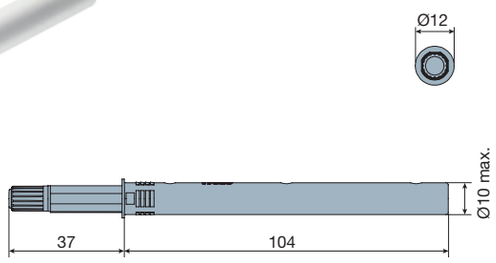


Tehnical details

Item number	Dusty white	Anthracite	Black
915.9276	356	383	390

Push Latch S3 drill-in





200 Sets Made of plastic

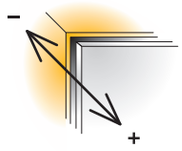
Drilling jig for Push Latch S3 drill-in



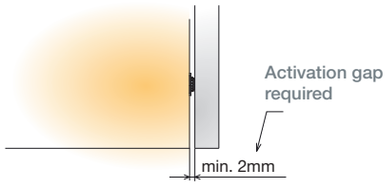
915.9900.072

1 Pc

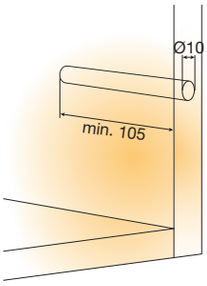
- Soft and silent push opening
- Door gap adjustment ensures reliable closing and consistent performance
- Positioning lip assures accurate position



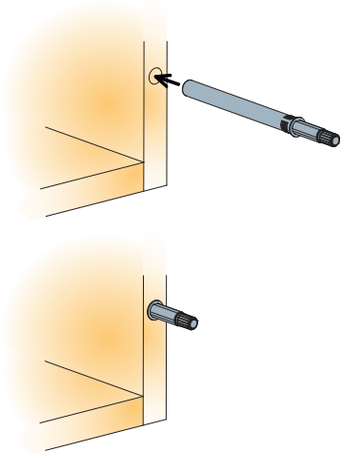
Door gap adjustment +3.5/-0mm



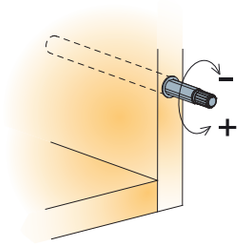
Drilling pattern



Mounting

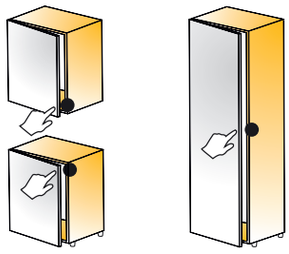


Depth adjustment



Adjustment +3.5/-0mm

Positioning

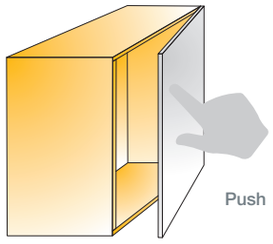


Mounting position close to the ‘touch opening point’ on the side opposite to hinges.

For application on cabinets with more than 2 hinges and cabinets with narrow doors we recommend a trial mounting.

Push Latch S2

For wood doors





Push Latch S2



Push Latch S2



Linear mounting plate with lip

200 Sets Made of steel and plastic

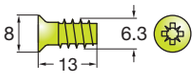
Item number	Silver grey
915.0W34	381

Set consists of:

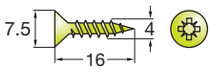


200 Sets

Fixing screws for mounting plates

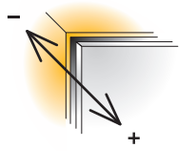


Euro screws
821.6323.050
5000 Pcs

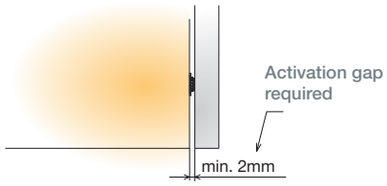


Chipboard screws
820.6328.050
10000 Pcs

- Soft, silent and bounce-free push opening and closing
- Safety detachment feature of the mechanism from its mounting plate
- Depth adjustment assures reliable and consistent push-to-open action
- Compatibility with damped or non-damped hinges ensures soft landing of the door

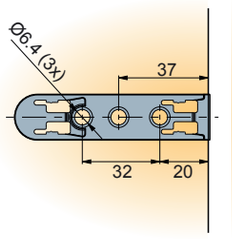


Door gap adjustment +4/-1mm

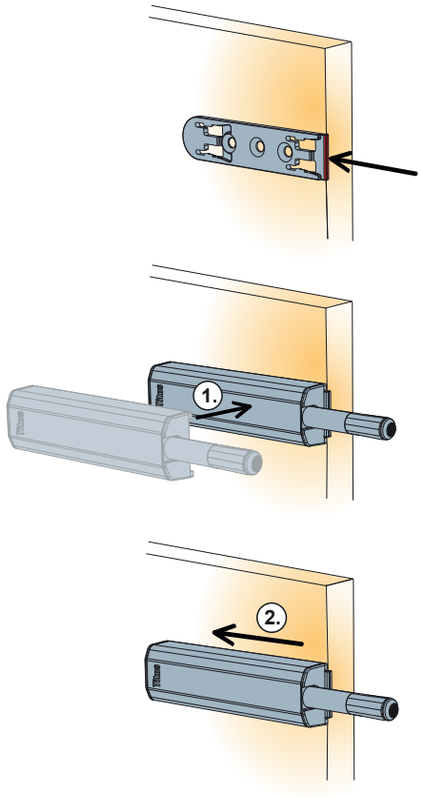


Push latch S2 works with standard hinges with and without damping

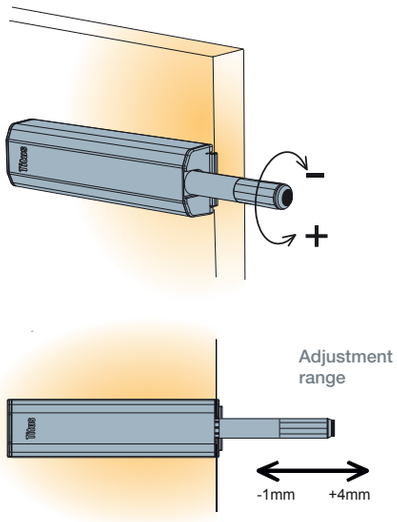
Drilling pattern



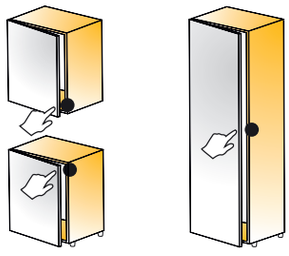
Mounting



Depth adjustment



Positioning

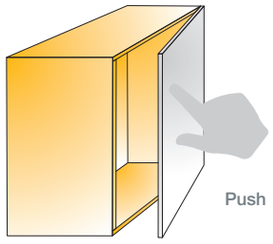


Mounting position close to the 'touch opening point' on the side opposite to hinges.

For application on cabinets with more than 2 hinges and cabinets with narrow doors we recommend a trial mounting.

Push Latch

For wood doors and drawers





Push Latch



Push Latch



Cruciform mounting plate



Linear mounting plate

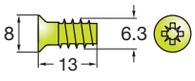
	Spring force [N] (released)	Spring force [N] (loaded)	Item number	Silver grey
With bumper	10	20	915.0X59	381
With bumper	13	27	915.0320	381
With magnet	10	20	915.0D22	381
Linear mounting plate			915.4175	381
Cruciform mounting plate			915.4183	381

Sets:

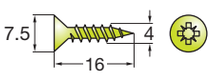
	Cruciform m. plate	Linear m. plate
With bumper	915.0X59.381.K1	915.0X59.381.K2
	200 Sets	200 Sets
With magnet	915.0D22.381.K1	915.0D22.381.K2
	200 Sets	200 Sets

200 Pcs Made of steel and plastic

Fixing screws for mounting plates



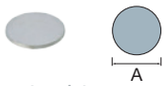
Euro screws
821.6323.050
5000 Pcs



Chipboard screws
820.6328.050
10000 Pcs

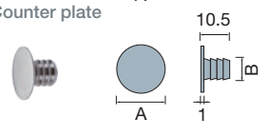
Accessories for Push latch with magnet (nickel plated steel)

Counter plate self adhesive



A = Ø15 915.7159.050 500 Pcs

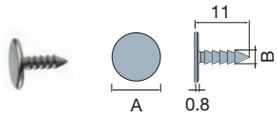
Counter plate



A = Ø10 B = Ø5 915.7196.050 500 Pcs

A = Ø15 B = Ø8 915.7190.050 500 Pcs

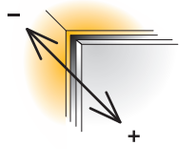
Knock-in Counter plate



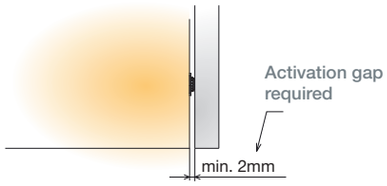
A = Ø10 B = Ø2.8 915.7199.050 500 Pcs

- 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

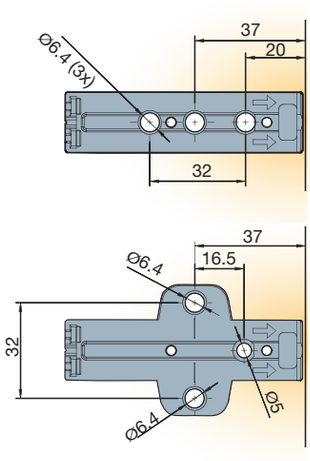
Push latch with bumper works with standard hinge
Push latch with magnet works with reverse spring hinges or unsprung hinges



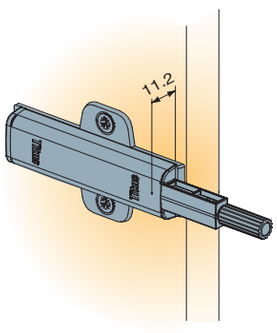
Door gap adjustment +4.5/-1mm



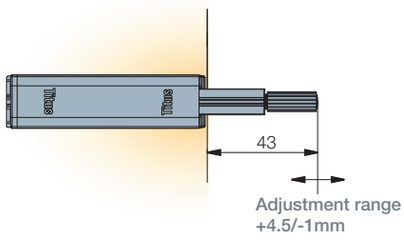
Drilling pattern



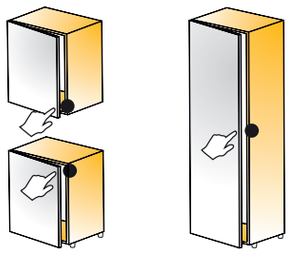
Dimensions



Depth adjustment



Positioning



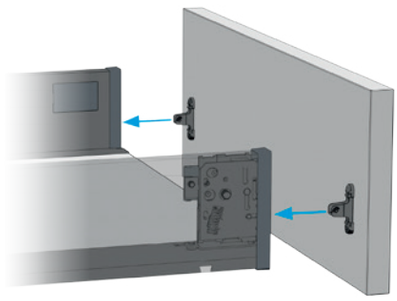
Mounting position close to the ‘touch opening point’ on the side opposite to hinges.

For application on cabinets with more than 2 hinges and cabinets with narrow doors we recommend a trial mounting.

Tekform Slimline+ Drawer

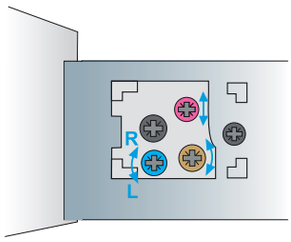
Tekform Slimline+ Drawer





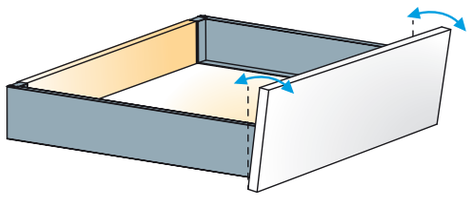
Swift assembly with enhanced front panel engagement

- Improved front panel connection ensures secure engagement and effortless disengagement



3D drawer front alignment with easy access

- Convenient front access for side, height, and tilt adjustment
- Color-coded adjustment cams for easy identification
- Ensures uniform gap layouts for evenly aligned drawer fronts



Tilt adjustment

- Accessible at the front of the drawer side
- For an intuitive drawer front positioning through the mechanical stop





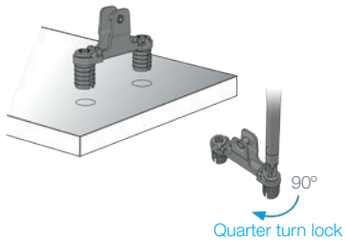
Smooth and effortless performance

- Titus Damper Inside with ART function for smooth and controlled movement, regardless of the closing speed
- Low pull-out force
- Optimal closing performance and life-long consistent damping



Push-to-open compatibility for handleless cabinets

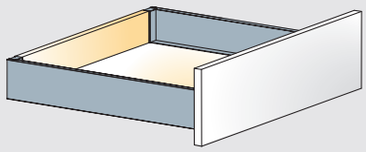
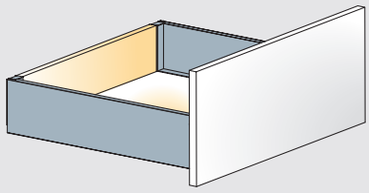
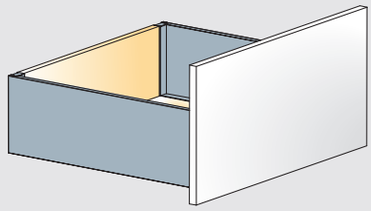
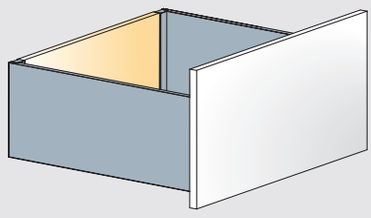
- Intuitive mounting without pre-drilling
- One-for-all: one mechanism for all Tekform Slimline+ drawers from 350mm onwards
- Easily adjustable push-to-open activation with only 1.5mm gap to operate
- Same runner for standard and push-to-open application



EasyFix front panel attachment

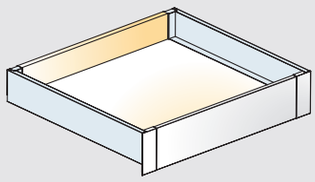
- Simple hand insertion
- Comfortable locking action at 90° turn of screwdriver
- Expando function for firm and reliable front attachment

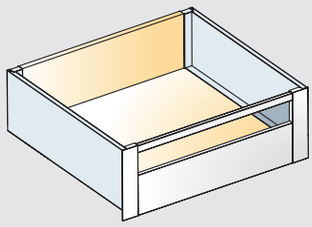
Tekform Slimline+ Drawer
Product Guide

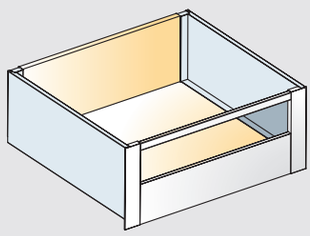
Tekform Slimline+ Drawer		Side material	Drawer type	Page
Tekform Slimline+ drawer DW70		Metal	Soft closing Push-to-open compatible	3.13
Tekform Slimline+ drawer DW100		Metal	Soft closing Push-to-open compatible	3.15
Tekform Slimline+ drawer DW145		Metal	Soft closing Push-to-open compatible	3.17
Tekform Slimline+ drawer DW182		Metal	Soft closing Push-to-open compatible	3.19

Page

Inner Drawer Front for Tekform Slimline+ Drawer

Inner drawer front for Tekform Slimline+ Drawer DW70  3.21

Inner drawer front for Tekform Slimline+ Drawer DW145 with bar  3.23

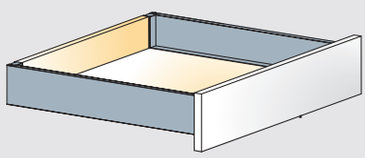
Inner drawer front for Tekform Slimline+ drawer DW182 with bar  3.25

Accessories

Tacto 2.0 3.27

Marking jig 3.28

Tekform Slimline Drawer

		Side material	Drawer type	
Tekform Slimline drawer DW45		Metal	Soft closing Push-to-open compatible	3.29

Tekform Slimline+ Drawer
Information

Technical Guide

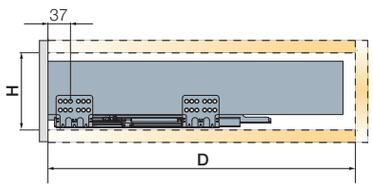
How to choose the appropriate drawer dimension?

Select the drawer size based on the available cabinet space. Please refer to the chart below, which indicates the minimum space required in the cabinet to choose the appropriate drawer system.

NL = Tekform Slimline+ drawer nominal length (mm)

NL	270	300	350	400	450	500	550

	Tekform Slimline+ drawer	
	Min. height H required	Cabinet depth D
Tekform Slimline+ drawer DW70	115mm	NL + min. 3mm
Tekform Slimline+ drawer DW100	147mm	NL + min. 3mm
Tekform Slimline+ drawer DW145	198mm	NL + min. 3mm
Tekform Slimline+ drawer DW182	230mm	NL + min. 3mm



How to fix drawer sides to the front panel?

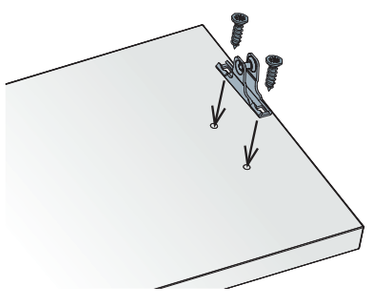
The Tekform Slimline+ drawer is available with EasyFix or screw-in front connectors



Screw-in front connector

· reliable connection
· fixing with Ø3.5x15mm screws (screws are not included)

Front connector

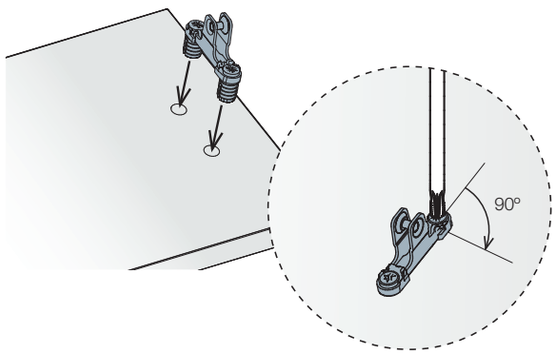




EasyFix front connector

· hand insertion
· quarter turn locking system
· expandable dowel
· easy assembly and disassembly of front panel

Front connector



Planning

Bottom panel and back panel cutting dimensions

Dimensions of bottom and back panel depends on:

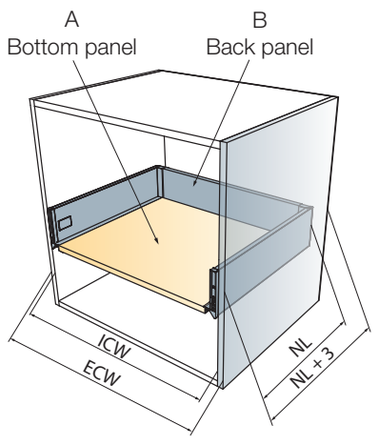
- cabinet width
- nominal drawer length
- drawer height

NL = Tekform Slimline+ drawer nominal length (mm)

NL	270	300	350	400	450	500	550

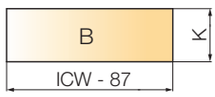
Cabinet width

ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer



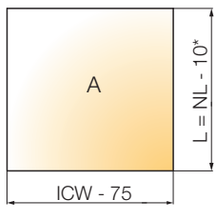
Back panel cutting dimensions

Back panel height depends on the selected drawer height



	K
DWD70	68
DWD100	100
DWD145	151
DWD182	183

Bottom panel cutting dimensions



NL	270	300	350	400	450	500	550
L	260	290	340	390	440	490	540
L_{st}	250	280	330	380	430	480	530

NL = Slimline+ drawer nominal length (mm)
L = Length in case of wood back panel
L_{st}: Length in case of steel back panel
*For drawers with steel back panel L = NL - 20

Tekform Slimline+ Drawer
Information

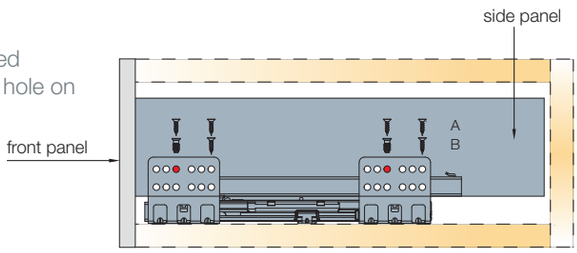
Technical Guide

How to choose the appropriate drawer runner fixing positions?

The drawer's fixing position depends on its functional placement.

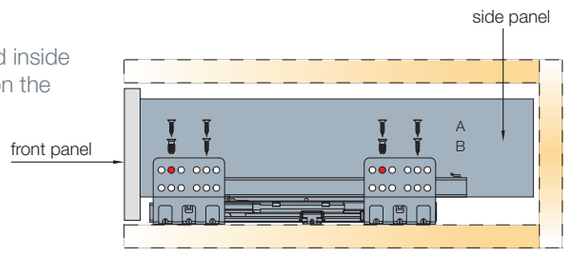
Tekform Slimline+ drawer front positioned outside the carcass

When the drawer front is positioned outside the carcass, use the third hole on the drawer runner for fixing.



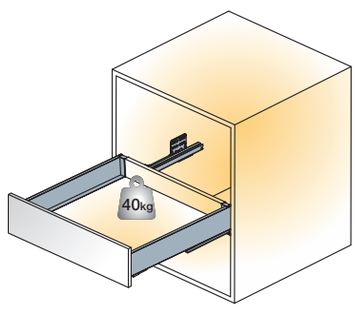
Tekform Slimline+ drawer front positioned inside the carcass

When the drawer front is positioned inside the carcass, use the second hole on the drawer runner for fixing.



Load capacity

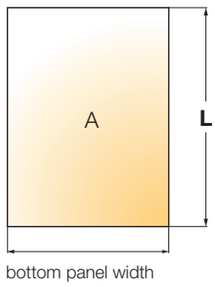
Drawer load capacity is 40 kg.



Expanded tolerances

Tekform Slimline+ drawer provides wider tolerances in cabinet construction and assures:

- precise drawer alignment
- smooth and silent operation
- improved drawer stability in open position
- Tekform Slimline+ drawer provides a tolerance of +/-1mm on bottom panel width size



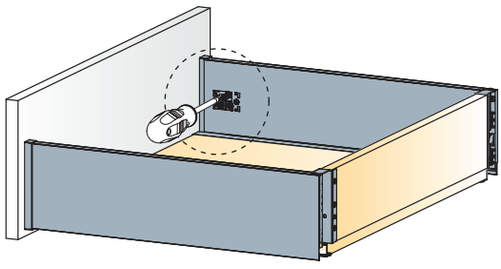
bottom panel width
tolerance +/- 1mm

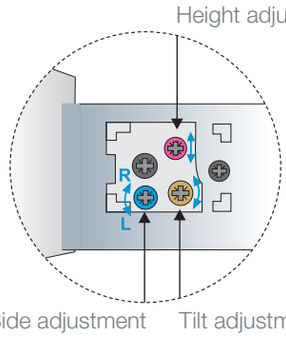
Adjustment needs to be done on both sides of the drawer

Adjustments

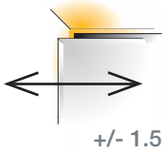
How to adjust the drawer front panel?

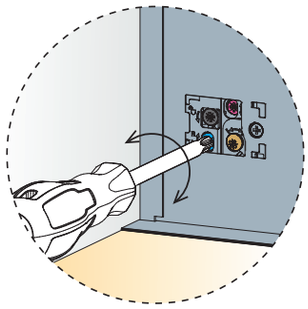
The Tekform Slimline+ drawer offers effortless three-dimensional front panel alignment, providing convenient access for side, height, and tilt adjustment positioned at the front of the drawer side. Enhanced with color-coded adjustment cams, for easy identification and precise alignment, guaranteeing uniform gap layouts.





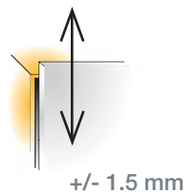
Side adjustment

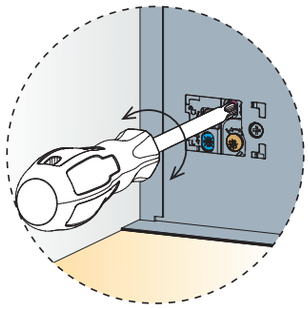




Side adjustment is done by rotating the grey colored cam adjuster on the drawer side.

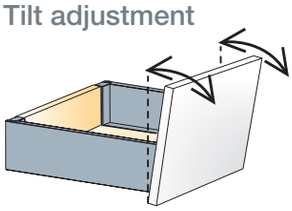
Height adjustment

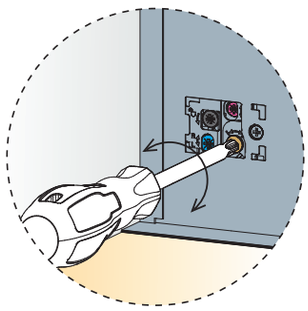




Height adjustment is done by rotating the red colored cam adjuster on the drawer side.

Tilt adjustment





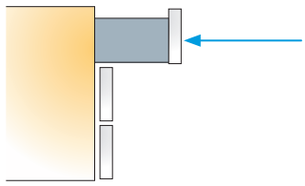
Tilt adjustment is done by rotating the yellow colored cam adjuster on the drawer side.

Tekform Slimline+ Drawer
Information

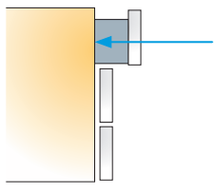
Key Design Choices

ConfidentClose

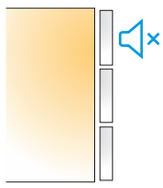
Fast closing



Late start of damping



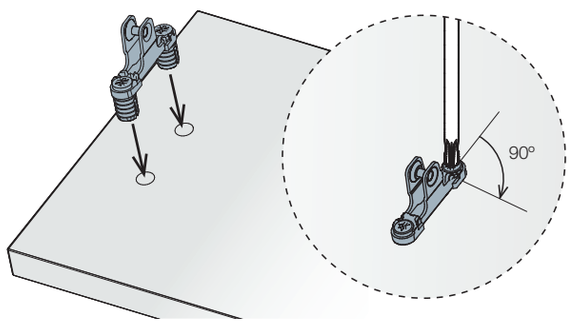
Quiet landing



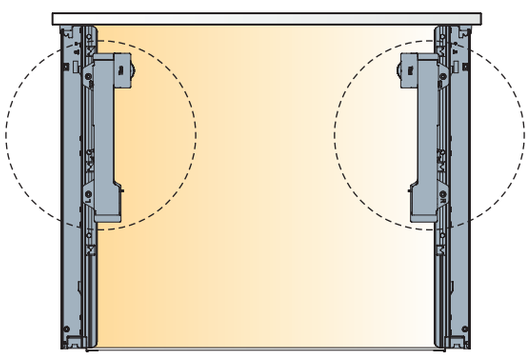
CAF Consumer Assembly Friendliness

EasyFix front panel connector with expandable dowels provides:
- Quick, toolless insertion
- Quarter turn lock
- Repeatable assembly and disassembly

Front connector



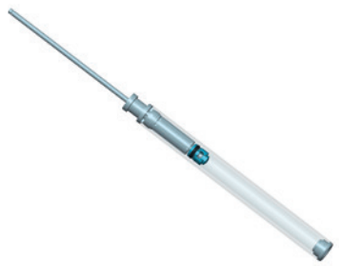
Compatible with Tacto push-opening system:
- For convenient, handle-free opening
- Same runner for both, standard and Tacto push-to-open applications
- The Tacto mechanism can be simply added as a retrofit option at any time after the drawer assembly
- For all drawers from a 300mm nominal length onwards



Titus Damper inside

Designed and produced in-house

- Reliable and consistent lifelong damping
- Smooth closing
- Consistent damping performance guaranteed across high-volume production runs
- 100% automated quality check



Damping action

Even and smooth soft closing action

- Soft and reliable closing



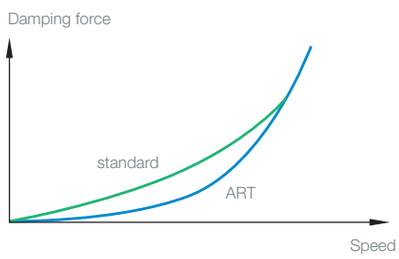
Flat damping curve shows the uniform action produced during damper closing at a defined speed.

Response to speed

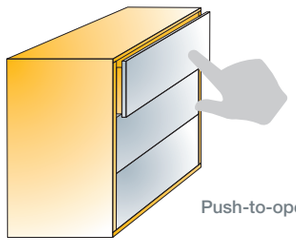
Response to speed defines the increase in damping force in relation to the closing speed of the damping object.

Standard
The damping force increase is approximately linear to the increasing speed of closing.

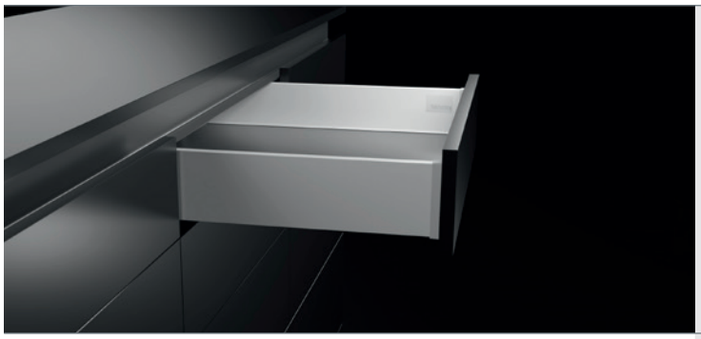
ART - Adaptive Response Technology
Adaptive Response Technology fine-tunes the damper's performance and damping force by adjusting to the drawer's weight and speed. It provides smooth and reliable damping at any closing speed, while reducing the force needed to open the drawer.

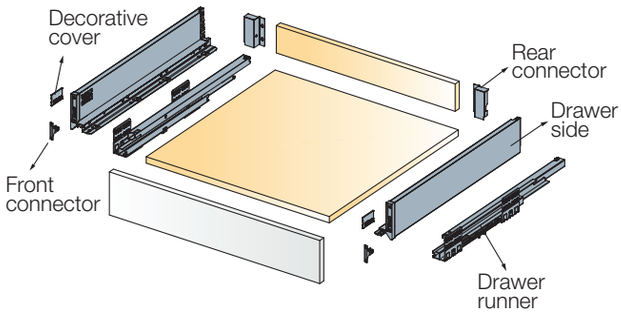


Tekform Slimline+
Drawer DW70



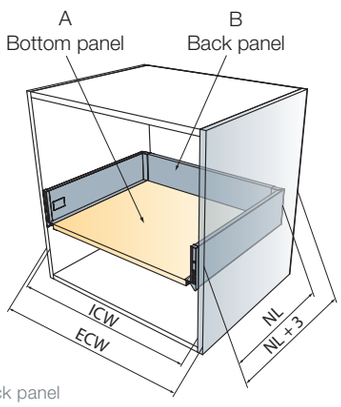
Push-to-open-ready



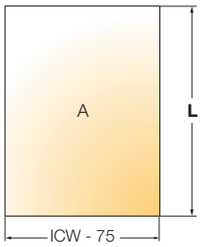


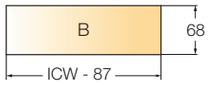
NL	with Screw-in front connector	White	Anthracite
Nominal length (mm)	Item number for a set		
270	656.8352 →	150	185
300	656.8353 →	150	185
350	656.8354 →	150	185
400	656.8356 →	150	185
450	656.8357 →	150	185
500	656.8358 →	150	185
550	656.8359 →	150	185

Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel



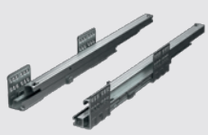


L = NL - 10
L_{st}: NL - 20

For further explanation → *see page 3.8*

4 sets

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
Front connectors		2 pcs
Rear connectors		2 pcs
Decorative covers		2 pcs
Mounting instructions		1 pc/4 sets

Push opening



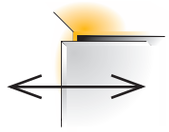
Tacto Slimline Mechanism
→ *see page 3.27*

EasyFix front connector

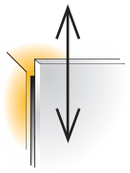


656.0H66.380.00
400 Pcs

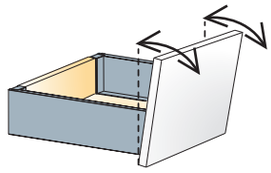
· Drawer runner type	**full extension**
· Load capacity	**40 kg**
· Minimum height space required	**115mm**
· Drawer side thickness	**14mm**
· Wooden back panel thickness	**16mm**
· Wooden bottom panel thickness	**16mm**



Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm



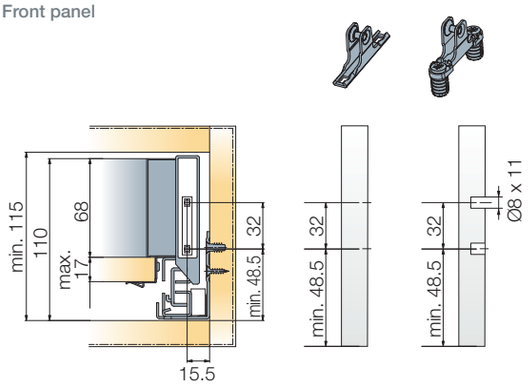
Tilt adjustment

For further explanation ⇢ see page 3.10

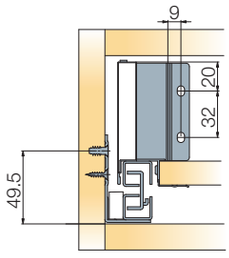
Works with
Tacto Push Opening Mechanism
⇢ *see page 3.27*

Installation dimensions and drillings

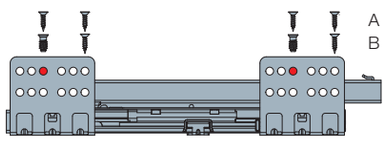
Front panel

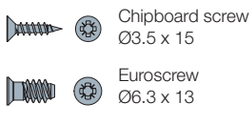


Back panel

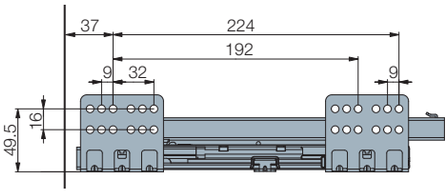


Drawer runner fixing positions

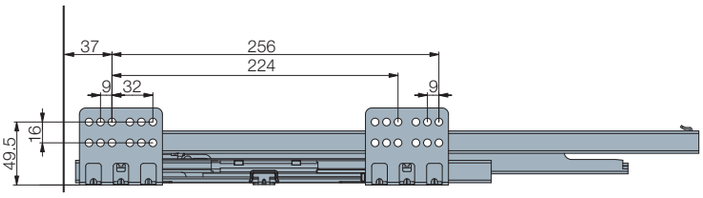




NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



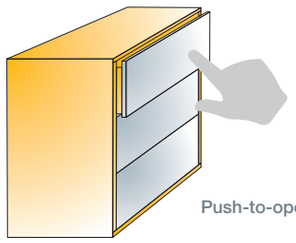
NL=500mm
NL=550mm



Assembly instructions, adjustments

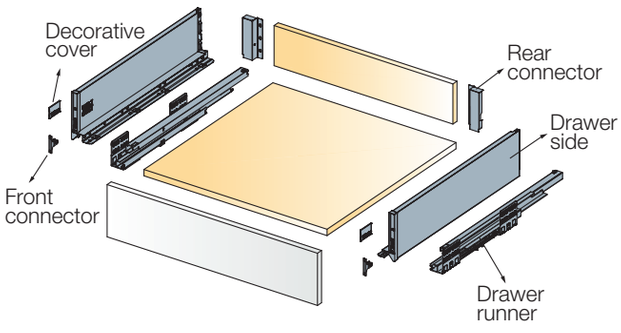
A trial mounting is always recommended.
For further information please contact your Titus Group representative.

Tekform Slimline+
Drawer DW100



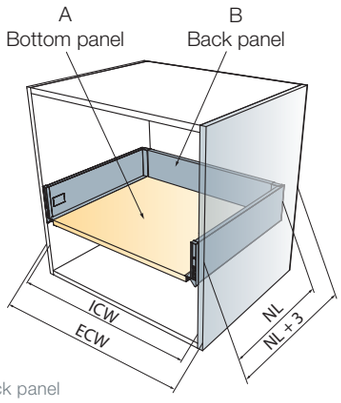
Push-to-open-ready



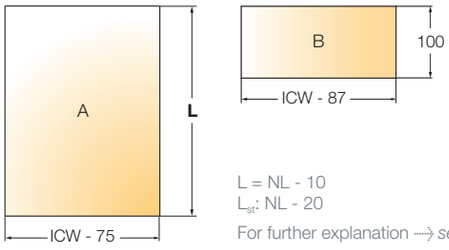


NL	with Screw-in front connector	White	Anthracite
Nominal length (mm)	Item number for a set		
270	656.8360 →	150	185
300	656.8361 →	150	185
350	656.8362 →	150	185
400	656.8363 →	150	185
450	656.8364 →	150	185
500	656.8365 →	150	185
550	656.8366 →	150	185

Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel

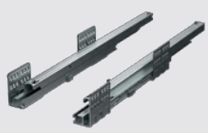
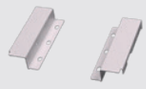


L = NL - 10
L_{st}: NL - 20

For further explanation → *see page 3.8*

4 sets

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
Front connectors		2 pcs
Rear connectors		2 pcs
Decorative covers		2 pcs
Mounting instructions		1 pc/4 sets

Push opening



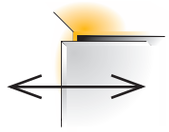
Tacto Slimline Mechanism
→ *see page 3.27*

EasyFix front connector

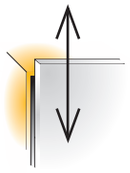


656.0H66.380.00
400 Pcs

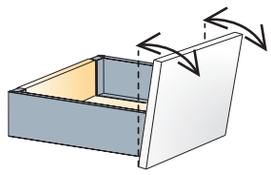
· Drawer runner type	**full extension**
· Load capacity	**40 kg**
· Minimum height per drawer required	**147mm**
· Drawer side thickness	**14mm**
· Wooden back panel thickness	**16mm**
· Wooden bottom panel thickness	**16mm**



Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm



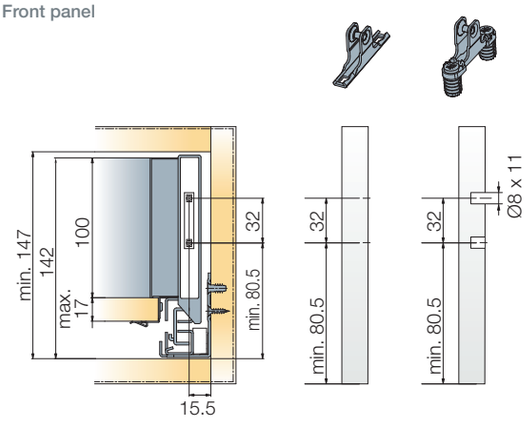
Tilt adjustment

Works with
Tacto Push Opening Mechanism
⇢ *see page 3.27*

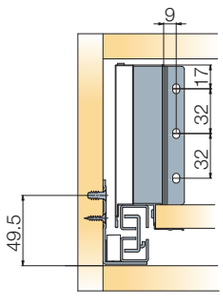
For further explanation ⇢ see page 3.10

Installation dimensions and drillings

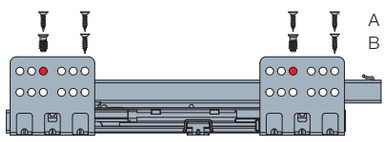
Front panel

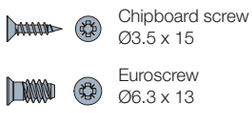


Back panel

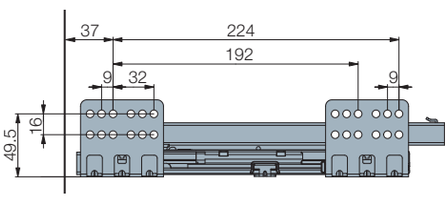


Drawer runner fixing positions

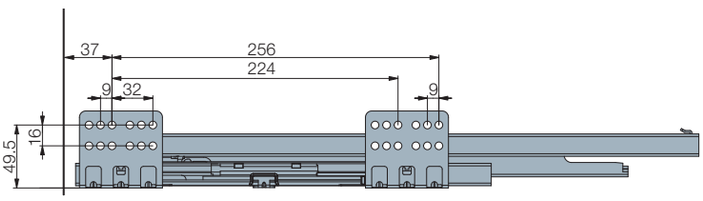




NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



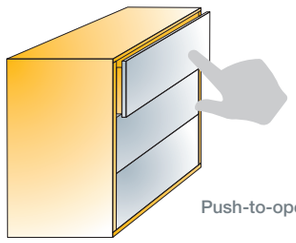
NL=500mm
NL=550mm



Assembly instructions, adjustments

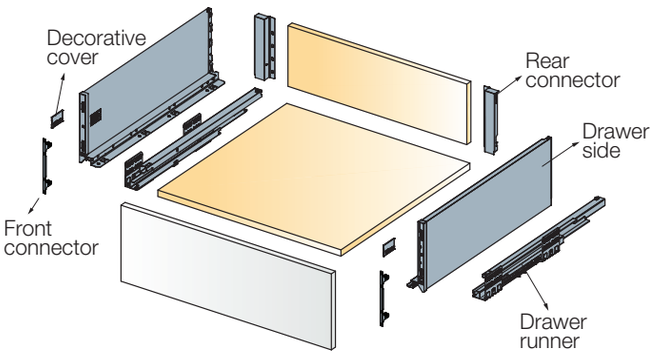
A trial mounting is always recommended.
For further information please contact your Titus Group representative.

Tekform Slimline+
Drawer DW145



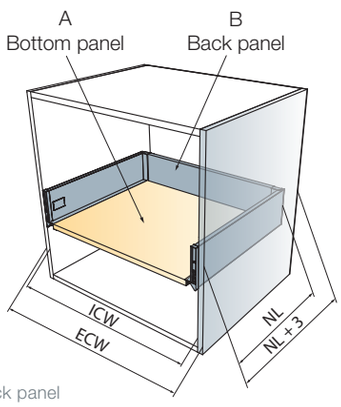
Push-to-open-ready



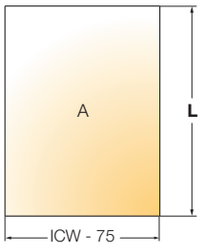


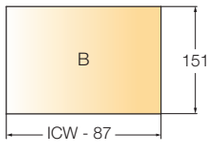
NL	with Screw-in front connector	White	Anthracite
Nominal length (mm)	Item number for a set		
270	656.8367 ⇢	150	185
300	656.8368 ⇢	150	185
350	656.8369 ⇢	150	185
400	656.8370 ⇢	150	185
450	656.8371 ⇢	150	185
500	656.8372 ⇢	150	185
550	656.8373 ⇢	150	185

Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel



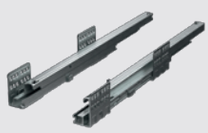
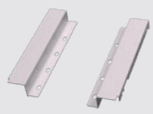


L = NL - 10
L_{st}: NL - 20

For further explanation ⇢ *see page 3.8*

4 sets

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
Front connectors		2 pcs
Rear connectors		2 pcs
Decorative covers		2 pcs
Mounting instructions		1 pc/4 sets

Push opening



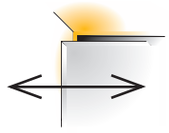
Tacto Slimline Mechanism
⇢ *see page 3.27*

EasyFix front connector

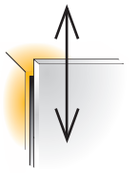


656.0H67.380.00
400 Pcs

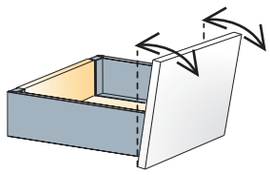
· Drawer runner type	**full extension**
· Load capacity	**40 kg**
· Minimum height per drawer required	**198mm**
· Drawer side thickness	**14mm**
· Wooden back panel thickness	**16mm**
· Wooden bottom panel thickness	**16mm**



Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm



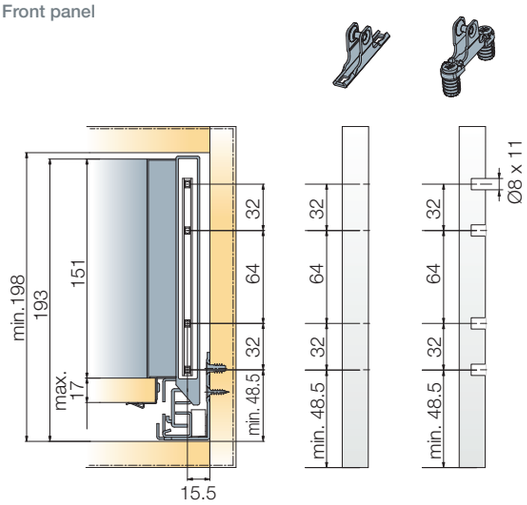
Tilt adjustment

Works with
Tacto Push Opening Mechanism
⇢ *see page 3.27*

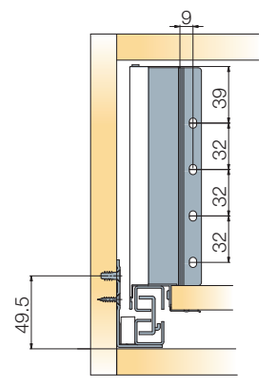
For further explanation ⇢ see page 3.10

Installation dimensions and drillings

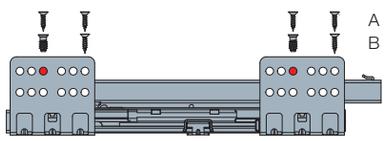
Front panel



Back panel

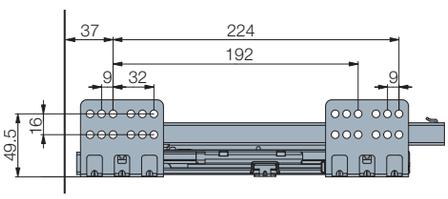


Drawer runner fixing positions

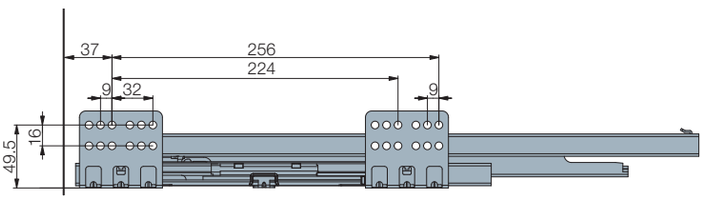




NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



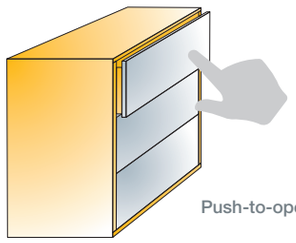
NL=500mm
NL=550mm



Assembly instructions, adjustments

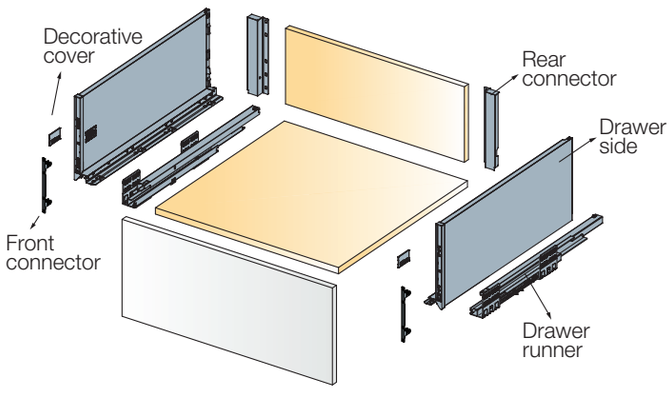
A trial mounting is always recommended.
For further information please contact your Titus Group representative.

Tekform Slimline+
Drawer DW182



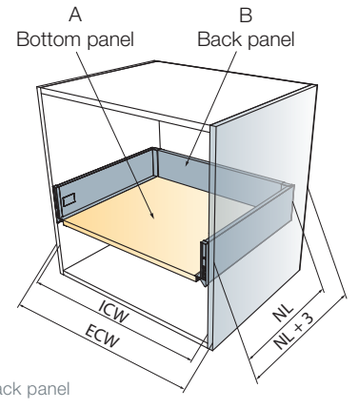
Push-to-open-ready



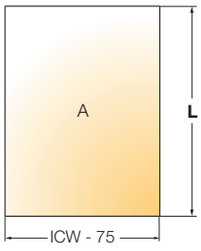


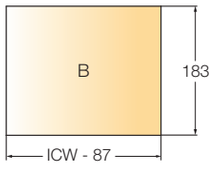
NL	with Screw-in front connector	White	Anthracite
Nominal length (mm)	Item number for a set		
270	656.8374 →	150	185
300	656.8375 →	150	185
350	656.8376 →	150	185
400	656.8377 →	150	185
450	656.8378 →	150	185
500	656.8379 →	150	185
550	656.8380 →	150	185

Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel



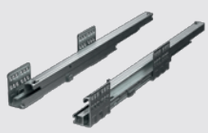
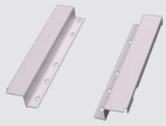


L = NL - 10
L_{st}: NL - 20

For further explanation → *see page 3.8*

4 sets

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
Front connectors		2 pcs
Rear connectors		2 pcs
Decorative covers		2 pcs
Mounting instructions		1 pc/4 sets

Push opening



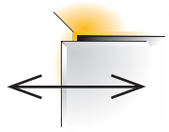
Tacto Slimline Mechanism
→ *see page 3.27*

EasyFix front connector

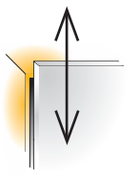


656.0H67.380.00
400 Pcs

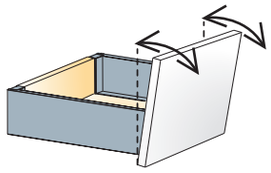
· Drawer runner type	full extension
· Load capacity	40kg
· Minimum height per drawer required	230mm
· Drawer side thickness	14mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm



Side adjustment +1.5/-1.5 mm



Height adjustment +1.5/-1.5 mm



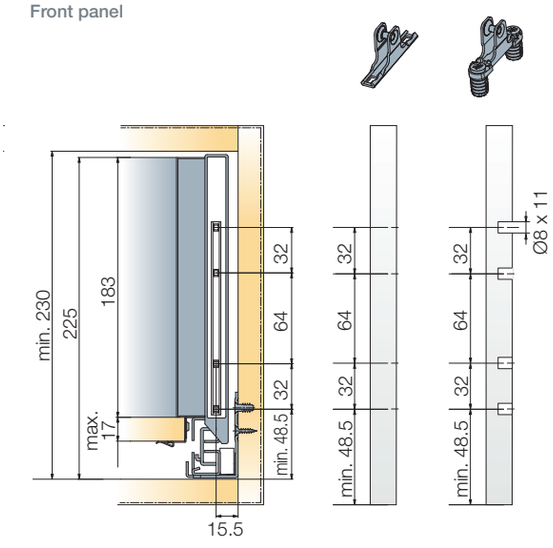
Tilt adjustment

Works with
Tacto Push Opening Mechanism
⇢ see page 3.27

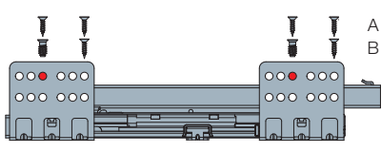
For further explanation ⇢ see page 3.10

Installation dimensions and drillings

Front panel



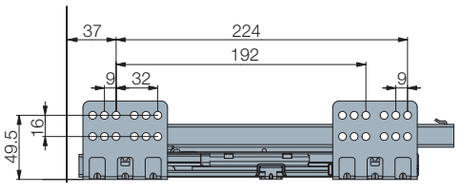
Drawer runner fixing positions



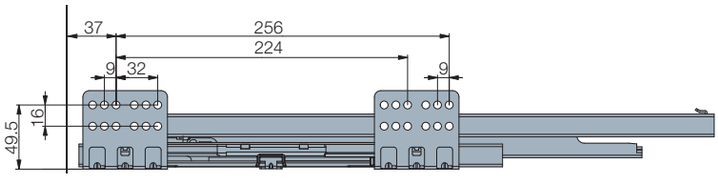
Chipboard screw Ø3.5 x 15

Euroscrew Ø6.3 x 13

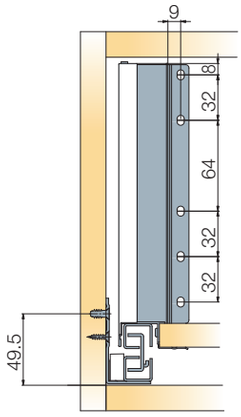
NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



NL=500mm
NL=550mm



Back panel

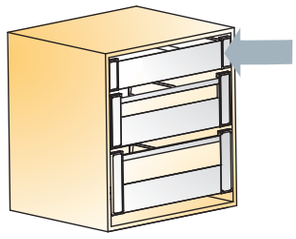


Assembly instructions, adjustments

A trial mounting is always recommended.
For further information please contact your Titus Group representative.

Inner Drawer Front for Tekform Slimline+ Drawer

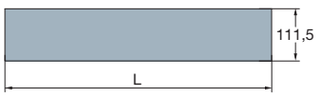
DW70





	External cabinet width	Item number	White	Antracite grey
Front panel				
	600	**656.8048** ⇢	511	515
	1200	**656.8053** ⇢	511	515





Cutting dimension L = ICW-105

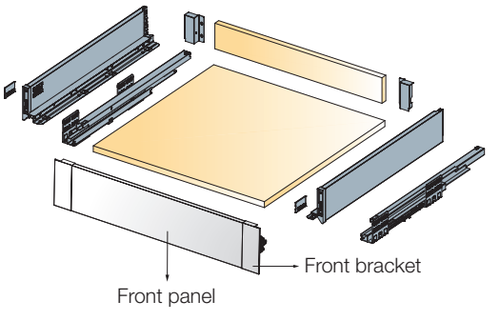
ICW ⇢ *see page 3.22*

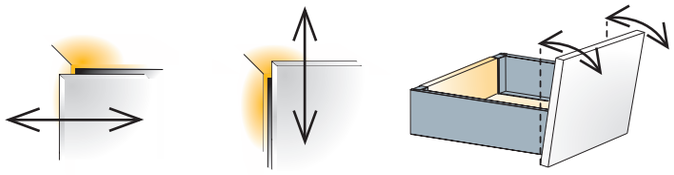
20 pcs Made of aluminium

Front bracket				
		656.8334 ⇢	350	385



50 sets Made of aluminium and plastic





Side adjustment +1.5/-1.5 mm

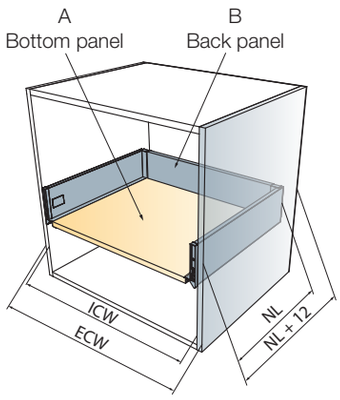
Height adjustment +1.5/-1.5 mm

Tilt adjustment

For further explanation ⇢ see page 3.10

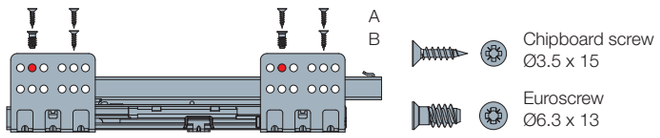
Installation dimensions

Cutting dimensions details

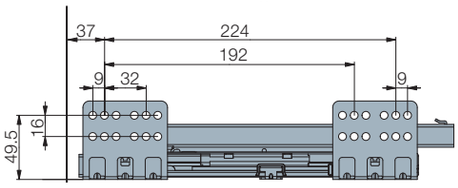


ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer

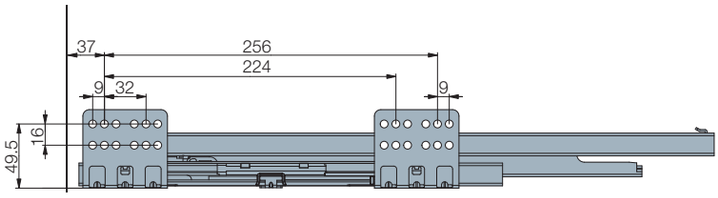
Drawer runner fixing positions



NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



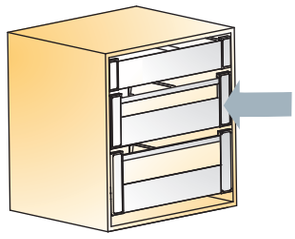
NL=500mm
NL=550mm



Assembly instructions, adjustments

Inner Drawer Front for Tekform Slimline+ Drawer

DW145 with Bar





	ECW External cabinet width	Item number	White	Antracite grey
Front bar				
	600	656.8126 ⟶	511	515
	1200	656.8132 ⟶	511	515





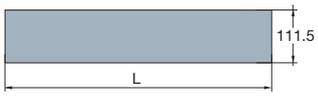
Cutting dimension L = ICW-94

ICW ⟶ *see page 3.24*

50 pcs Made of aluminium

Front panel				
	600	656.8048 ⟶	511	515
	1200	656.8053 ⟶	511	515





Cutting dimension L = ICW-105

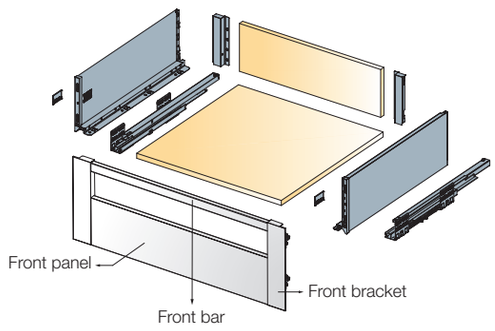
ICW ⟶ *see page 3.24*

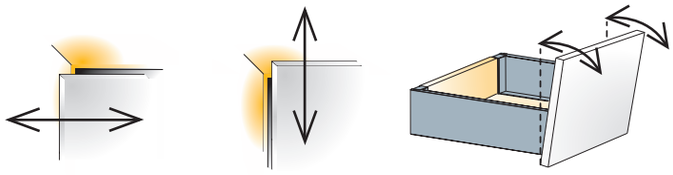
20 pcs Made of aluminium

Front bracket				
		656.8337 ⟶	350	385



20 pcs Made of aluminium and plastic





Side adjustment +1.5/-1.5 mm

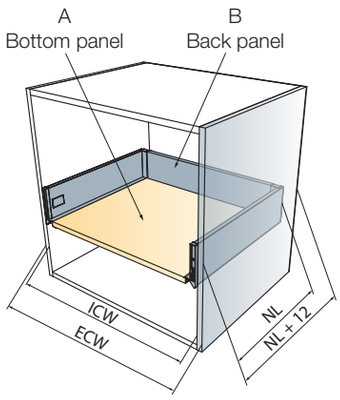
Height adjustment +1.5/-1.5 mm

Tilt adjustment

For further explanation ⇢ see page 3.10

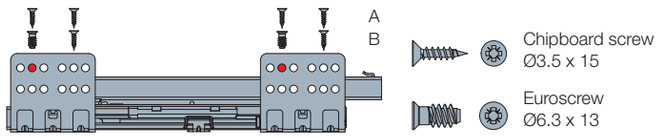
Installation dimensions

Cutting dimensions details

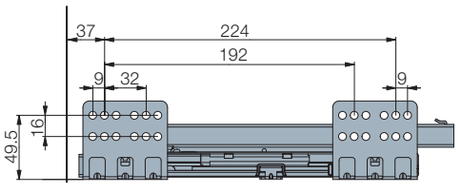


ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer

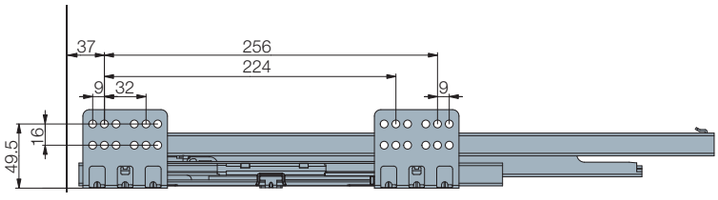
Drawer runner fixing positions



NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm



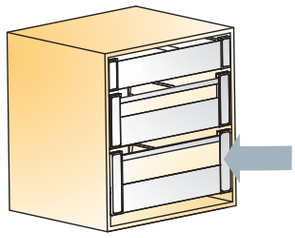
NL=500mm
NL=550mm

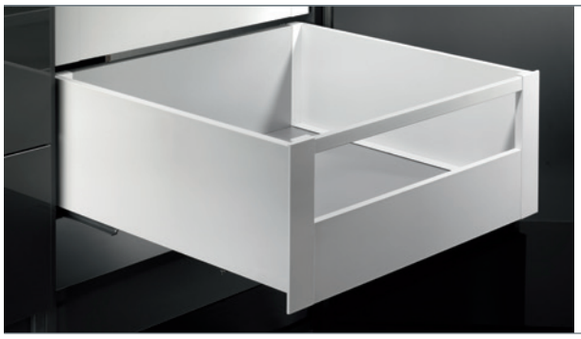


Assembly instructions, adjustments

Inner Drawer Front for Tekform Slimline+ Drawer

DW182 with Bar





ECW External cabinet width	Item number	White	Antracite grey
Front bar			
600	656.8126 ⇢	511	515
1200	656.8132 ⇢	511	515





Cutting dimension L = ICW-94
ICW ⇢ *see page 3.26*

50 pcs Made of aluminium and plastic

Front panel			
600	656.8048 ⇢	511	515
1200	656.8053 ⇢	511	515





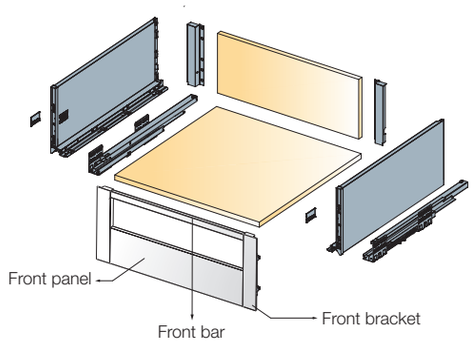
Cutting dimension L = ICW-105
ICW ⇢ *see page 3.26*

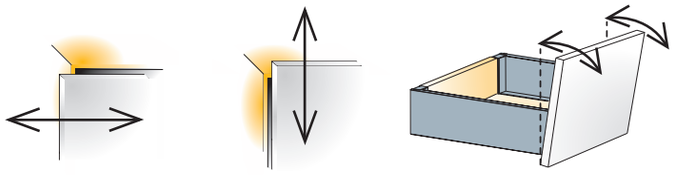
20 pcs Made of aluminium

Front bracket			
	656.8341 ⇢	350	385



20 sets Made of aluminium and plastic





Side adjustment +1.5/-1.5 mm

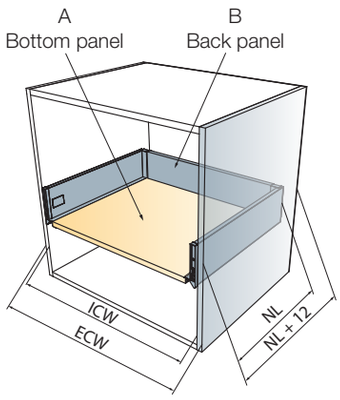
Height adjustment +1.5/-1.5 mm

Tilt adjustment

For further explanation ⇢ see page 3.10

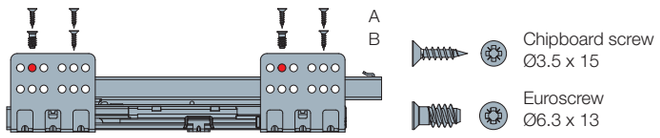
Installation dimensions

Cutting dimensions details

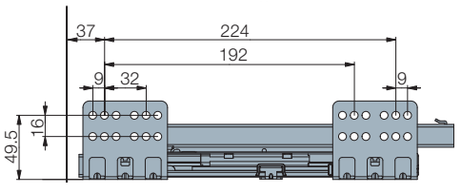


ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer

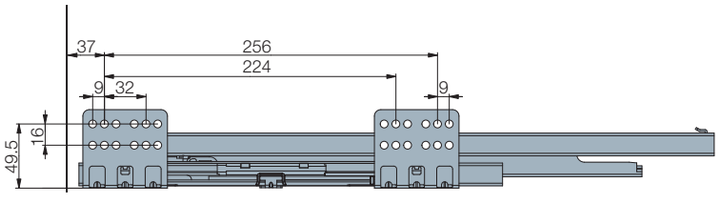
Drawer runner fixing positions



NL=270mm
NL=300mm
NL=350mm
NL=400mm
NL=450mm

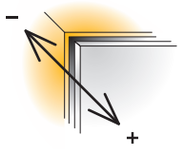


NL=500mm
NL=550mm



Assembly instructions, adjustments

TouchControl Solutions
Tacto 2.0

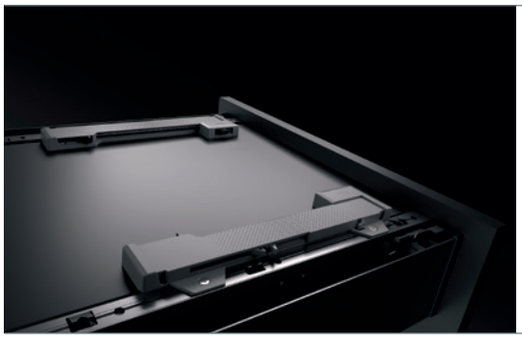


Front gap adjustment -1.5/+3.5mm



"Push-to-Open"

- Intuitive mounting
- One-for-all – One item fits all Slimline+ drawers from NL=300mm
- Easily adjustable push-to-open activation with only 1.5mm gap to operate
- Easy opening, reliable closing



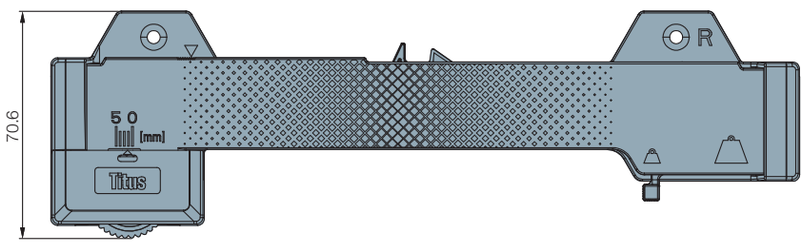
Technical details

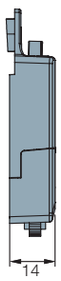
Item number for set

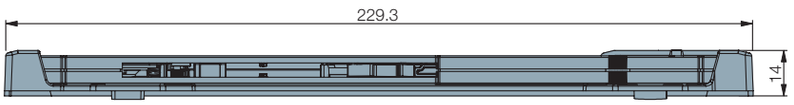
Tacto 2.0

656.9220.383.K1









One set consists of

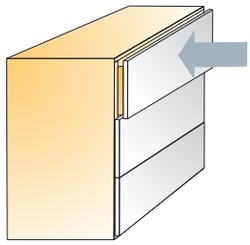
PushOpen Mechanism		2 pcs
Tacto Activator		2 pcs
Chipboard screws		4 pcs/set
Mounting instructions		1 pc/set

Assembly instructions, adjustments

30 sets

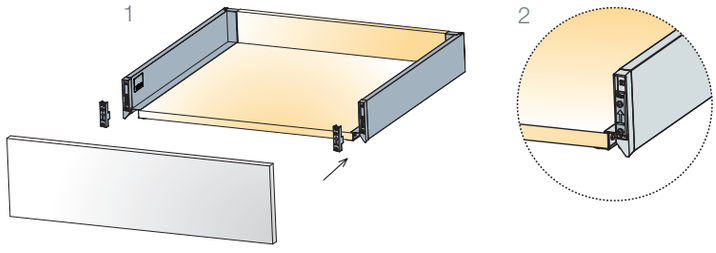
Made of plastic

Accessories
Marking Jig



	Item number	Black
Marking jig for Tekform Slimline+ drawer DW70 and DW100	**656.9339**	390

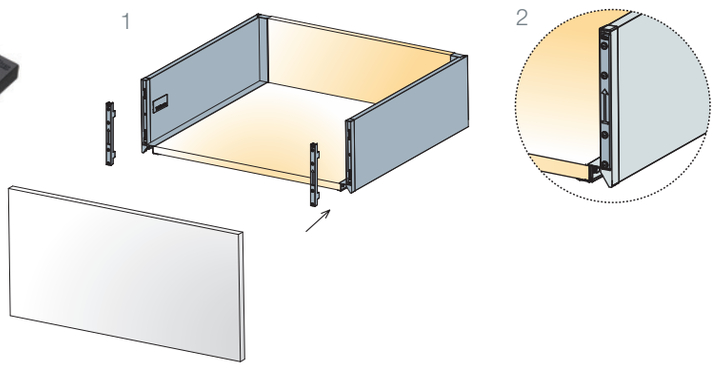




1 set Made of plastic and steel

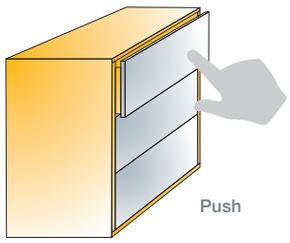
Marking jig for Tekform Slimline+ drawer DW145 and DW182	**656.9340**	390



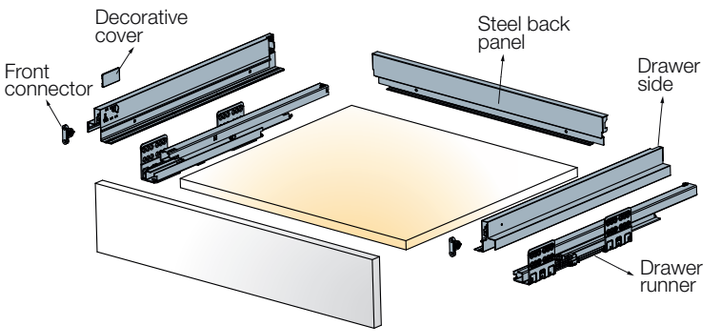


1 set Made of plastic and steel

Tekform Slimline DW45
Shallow Drawer







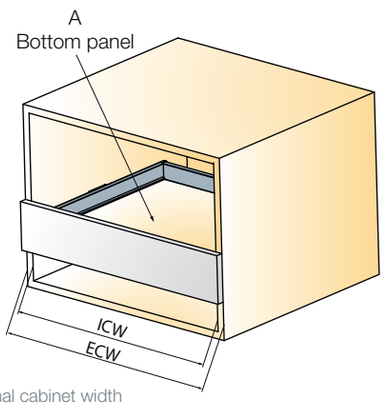
NL	with Screw-in front connector		
Nominal length (mm)	Item number for a set	White	Anthracite
450	655.8046	150	185
500	655.8047	150	185

To be ordered separately
Steel back panel

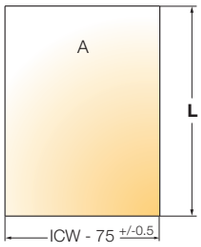
600*	655.7273	150	185

* cabinet side thickness 18mm

Cutting dimensions details



ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer
L_{st}: Length in case of steel back panel



L_{st}: NL - 20

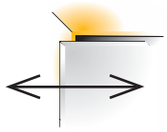
For further explanation
⇢ *see page 3.8*

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Covers		2 pcs 2 pcs
Mounting instructions		1 pc/4 sets

Screws are not included

- Drawer runner type — full extension
- Load capacity — 40 kg
- Minimum height space required — 76mm
- Back panel — steel
- Wooden bottom panel thickness — 16mm

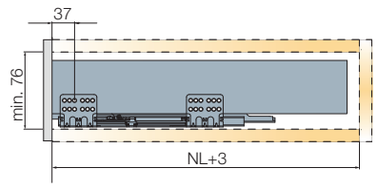


Side adjustment +1/-1mm

Works with or without Tacto Mechanism

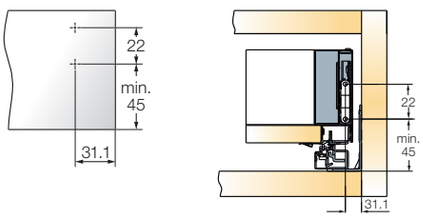
Installation dimensions

Minimum space required for the cabinet

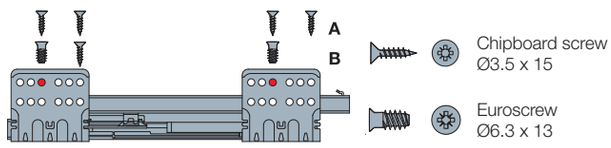


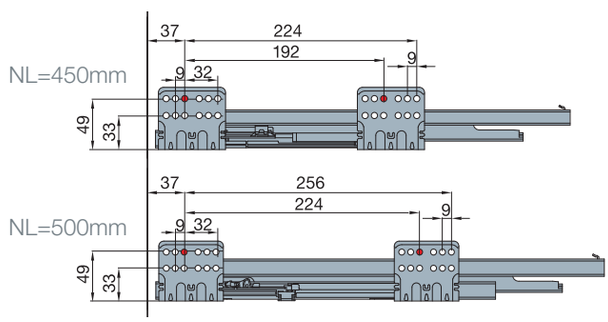
Drilling dimensions for the front panel

Screw-in attachment



Drawer runner fixing positions





A trial mounting is always recommended. For further information please contact your Titus Group representative.

Titus Group

Products. People. Relationships.

We are proud to support furniture manufacturers, designers, distributors and OEM partners worldwide with solutions that are precise, reliable and simple to work with.

From our engineering centres to your production line, and from first contact to long-term support, we’re here to help you build better – with less complexity, more clarity, and total confidence.

Titus Group

Titus Group designs and manufactures precision-engineered components that simplify furniture assembly, improve functionality, and ensure long-term reliability. Our core solutions – including connectors, hinges, dampers, soft-close systems, and drawer technologies – are trusted by manufacturers across a wide range of industries, from furniture and kitchens to home appliances and beyond.

With engineering, manufacturing, and customer support facilities across **Europe, Asia, North America, and Australasia,** we combine global consistency with local responsiveness.

Our vertically integrated operations support fast development, reliable delivery, and consistently high quality across markets.

For decades, we have been driven by a clear principle: **Engineered for Purpose.** This defines how we design, how we manufacture, and how we collaborate with our partners. Through **engineering simplicity,** we help our customers work more efficiently, reduce complexity, and bring better products to market – with confidence and consistency.

1973
Titus established

1975
Revolution in particleboard panel processing productivity

1977
Titus launches concealed cabinet connector

1980
Titus USA office and manufacturing established

1990
Launch of innovative Quickfit technology

2005
Titusonic ultrasound fastening technology introduced

2006
Merger with Lama d.d.
Launch of Glissando

2007
Titus becomes Titus+
Specialist in precision components engineering

2009
Damper development and engineering

2014
Acquisition of Tekform, Australia

2017
Launch of T-type full hinge programme

2019
Launch of TeraBlack product range

2020
Acquisition of Simon Kinetics, Germany

2022
Acquisition of Titus Precision, USA

2023
Launch of T-type PressTo toolless mounting

Our Vision

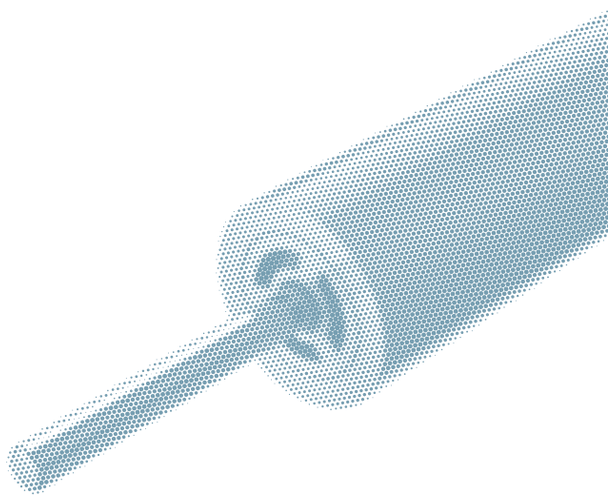
To be the world's best in engineering
for precision components.

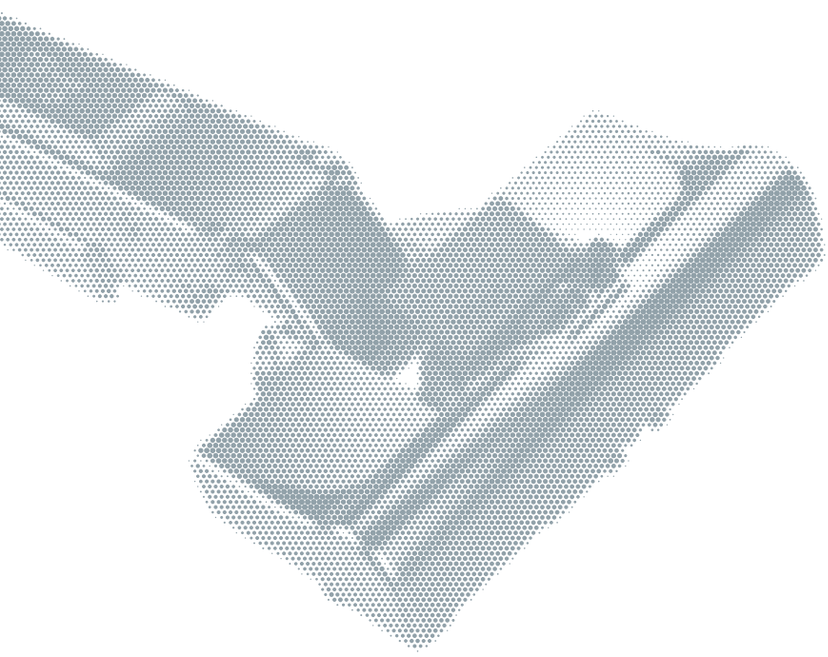
Our Mission

To provide manufacturers with
component solutions that improve
their competitiveness.

Our 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.
- Provide equal opportunities to all.





Product Groups

Cabinet Hardware

Cabinet connectors, concealed hinges, soft-close systems, kitchen drawers and accessories, RV hardware



Damping and Kinetics

Hydraulic dampers and Slidix soft-close systems for custom applications in home equipment



Titus Technologies

Automated assembly systems
Die casting technologies
Titusonic – Ultrasound fastening
FastFit insertion technology



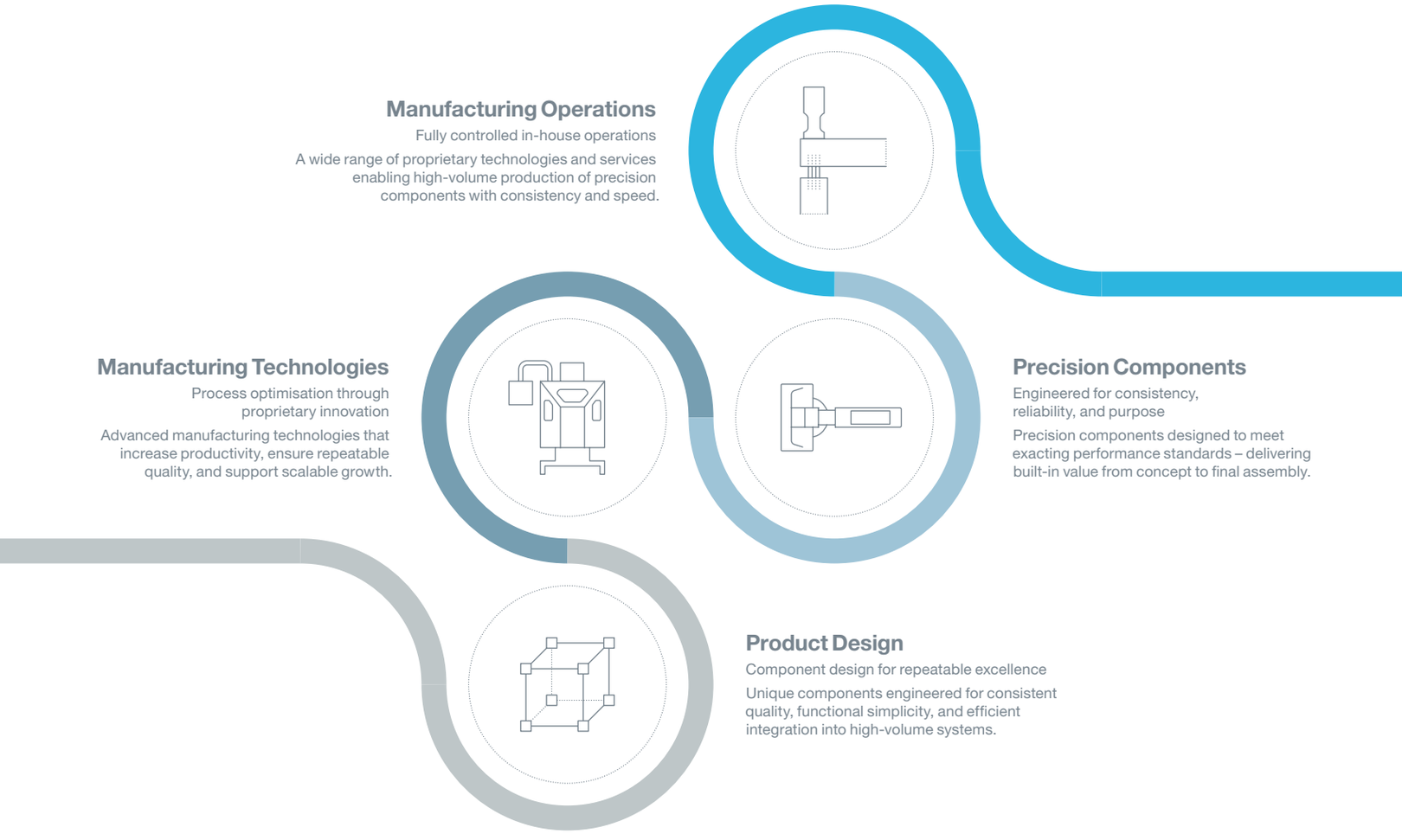


Totally Integrated Engineering

At Titus, **Totally Integrated Engineering** means bringing together product design, proprietary manufacturing technologies, and fully controlled in-house operations into a single, seamless process. This integrated approach allows us to develop, produce, and deliver precision-engineered components that are consistent, reliable, and tailored to purpose.

It's not just about what we do – it's how we do it. By maintaining control across the entire development and production chain, we deliver measurable advantages to our customers: consistent product quality, faster time to market, and meaningful product benefits that lower total installed cost.

Our approach is guided by a set of core principles that define who we are and how we operate:



Manufacturing Operations

Fully controlled in-house operations

A wide range of proprietary technologies and services enabling high-volume production of precision components with consistency and speed.

Manufacturing Technologies

Process optimisation through proprietary innovation

Advanced manufacturing technologies that increase productivity, ensure repeatable quality, and support scalable growth.

Precision Components

Engineered for consistency, reliability, and purpose

Precision components designed to meet exacting performance standards – delivering built-in value from concept to final assembly.

Product Design

Component design for repeatable excellence

Unique components engineered for consistent quality, functional simplicity, and efficient integration into high-volume systems.

Engineered for Purpose

At **Titus Group,** engineering is never about excess. It's about intention. Every product, every feature, every process is developed with a clear purpose: to solve a real problem and deliver lasting value.

Engineered for Purpose is more than a slogan – it's our mindset.

It defines how we innovate, how we manufacture, and how we collaborate.

Focused on what matters

We don't follow trends for the sake of it. We listen to our customers, understand their needs, and deliver what works. Our solutions are built to perform in the real world – in real kitchens, real bedrooms, real production lines.

This focus allows us to eliminate unnecessary complexity and design components that are not only technically advanced, but also intuitive and dependable.

A solution provider, not just a manufacturer

We go beyond hardware. We work alongside our customers to co-create solutions that integrate seamlessly into their production processes and business models. From idea to implementation, we ensure speed, precision, and consistency — globally.

Whether it's:

- Developing smart connectors that tolerate drilling inaccuracies,
- Designing hinges that make tall doors align effortlessly, or
- Engineering soft-close systems that deliver just the right resistance,

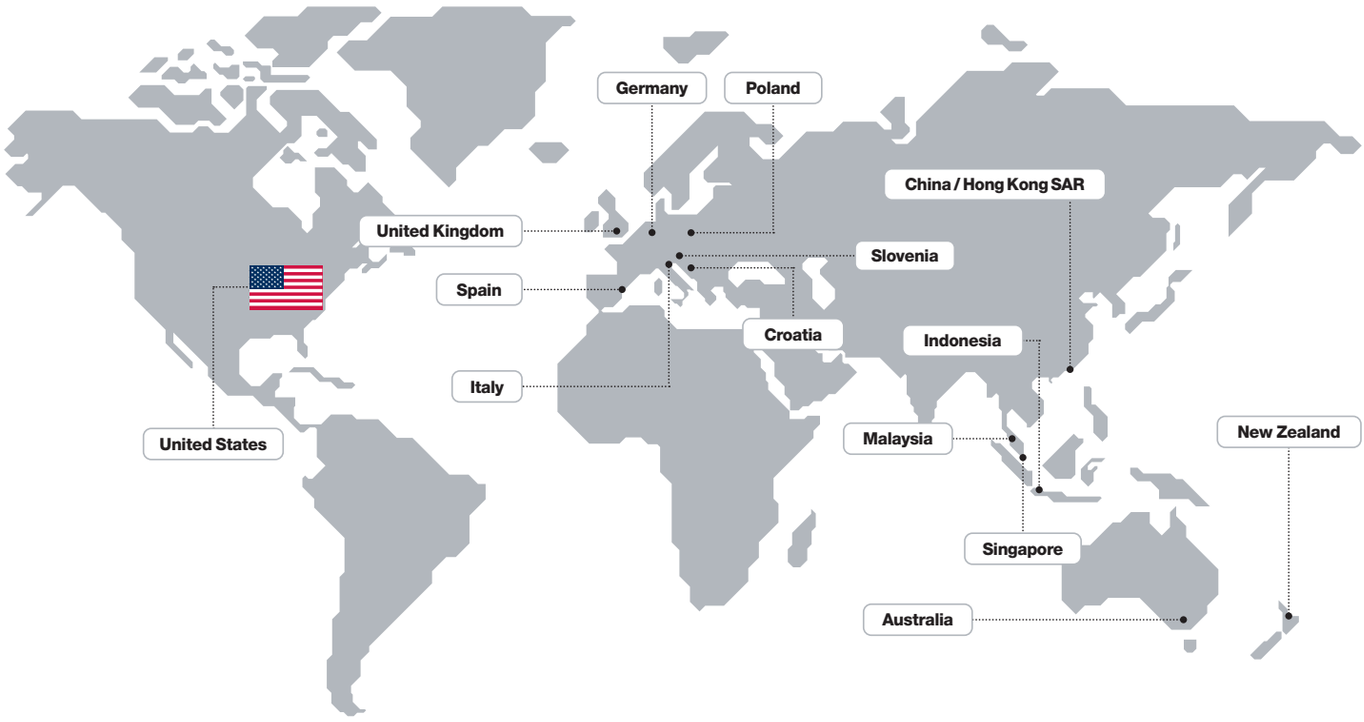
… we always have a purpose in mind: to make furniture manufacturing easier, faster, and more competitive.

Built on experience. Proven by performance.

We apply decades of engineering knowledge across industries and markets, ensuring that our solutions are both reliable and scalable. Every new product is tested, refined, and validated to ensure that it performs consistently – across regions, materials, and applications.

Because to us, engineered for purpose means engineered for you.

Titus Group Companies Worldwide



This map shows Titus Group companies only. For distribution partners, visit titusplus.com.

Made in USA - product manufactured in the USA.

Engineered for Purpose

Titus is committed to providing its customers with products and services that improve their competitiveness, while reducing manufacturing and assembly costs.

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