Titus Group
Technical Catalogue
and Manual

Furniture Fittings Systems

2022

Important Information

Technical information

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

Responsibility

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

Intellectual property

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*Non-standard articles

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

Trademarks

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

Contents

1

2

3

4

5

Cabinet Connectors 1.1

- System 1
- System 2
- System 3
- System 4
- System 5
- System 6
- System 7
- Cabinet Fittings

Concealed Hinges 2.1

- Information
- T-type hinges
- S-type hinges
- B-type hinges
- Glissando Soft Closing Systems
- PushOpen Solutions
- Accessories

Tekform Slimline Drawer 3.1

- Tekform Slimline Drawer
- Tekform Slimline Tacto

Soft Closing Systems for Sliding Doors and Drawers 4.1

- Slidix Soft Closing Systems
- Titusoft Soft Closing Systems
- Set 200
- Rails

The Titus Group Profile 5.1

Cabinet Connectors

Cabinet Connectors
Product Guide

		Page
System 1		
Fittings for rigid assembly systems	a highly cost-effective and rigid assembly system for factory, consumer and home assembly	1.9
System 2		
Fittings for face-boring applications	face boring applications that provide a tolerant efficient assembly	1.11
System 3		
Fittings for face and edge boring	two component rigid face and edge drilling fastening	1.15
System 4		
Fittings for face-boring only	a range of low-cost one-piece fittings for high volume home assembly applications	1.17
System 5		
Cams and dowels	a comprehensive range of cam and dowel connecting fittings for all cabinet applications	1.23

		Page
System 6		
Quickfit-Expando connectors	face boring expanding connectors for all cabinet applications	1.47
System 7		
Heavy duty cams and dowels	high quality fittings for offices and public furniture	1.59
Cabinet Fittings		
Complementary and structural support fittings	Shelf supports	1.65
	Joining plates	1.68
	Panel brackets and wall connectors	1.69
	Adjustable cabinet legs	1.71
	Drawer front adjuster	1.75

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

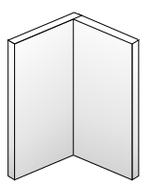
(T+A)N = CAF

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

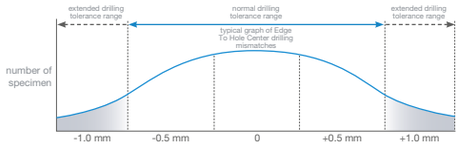


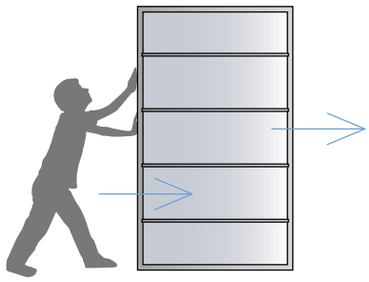
	T	A	N	CAF
Connecting screw (traditional assembly)	4	38	3	126
Cam & dowel with single start thread	6	21	4	108
Cam & dowel with twinstart thread	6	15	4	84
Cam & TL2 dowel (self-assembly)	6	7	4	52
Cam & TL2 dowel (factory pre-inserted)	2	3	2	10
Quickloc	2	3	1	5
Fully assembled demonstrator	1	0	1	1

Cabinet Connectors

CAF Quick & Easy

Consumer Assembly Friendliness





Consumer Assembly Friendliness - CAF principle

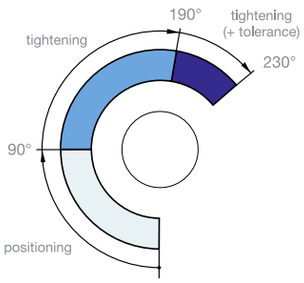
- Quick assembly with less parts and less assembly steps
- Simple instructions
- Easy and intuitive assembly

High drilling tolerances

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

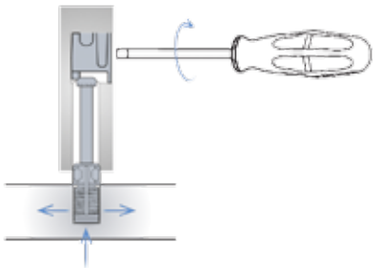
Strong and reliable joints

- 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



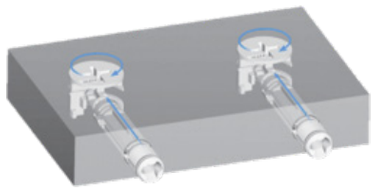
Reliable and comfortable locking

- 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

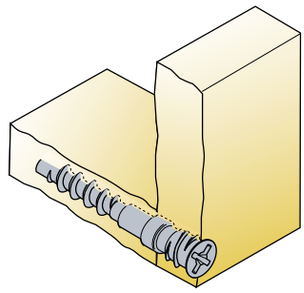
- With Quickfit TL5 and TL2 dowels
- Perfect for RTA market: easier packing and transportation
- The insertion of cams and dowels can be automated using Lama FastFit machine

System 1
Fittings for Rigid Assembly Systems

System Features

Double locking carcase screw

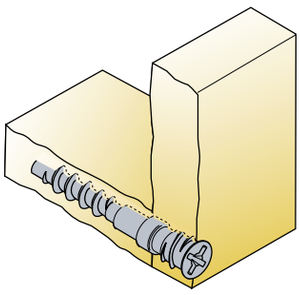
- Zinc diecast for precision
- Titus Double locking carcase screw makes an almost invisible connection
- Collar under the head to pull panels together
- 2nd ‘lower’ thread pulls against a ‘faster’ thread to provide maximum connection force and prevents overdriving of fastener
- Almost invisible in position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



System 1
Fittings for Rigid Assembly Systems

Double Locking Carcase Screw

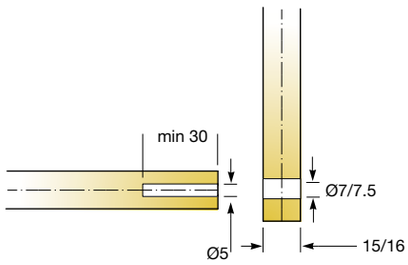
- High performance from widely spaced primary thread
- Finer secondary thread provides additional holding power and positive stop (no override)
- Increased support for vertical panel is gained from the funnel head with collar at its base
- One-piece fitting

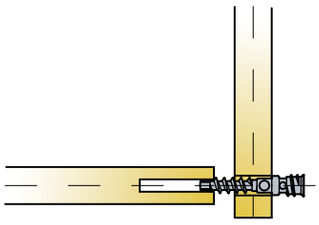


Technical and mounting details

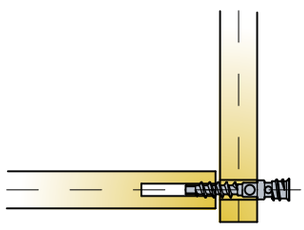
Item number	Zinc
00180	885

Screw 6x42

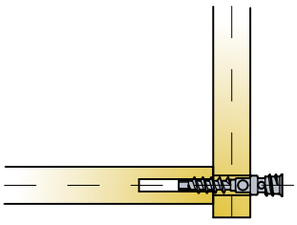




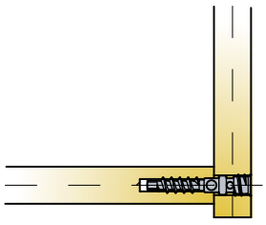
1. Insert screw to shoulder in face board



2. Screw into Ø5mm hole



3. Board joint pulled up by collar on screw



4. Board locked in place by screw

1000 Pcs

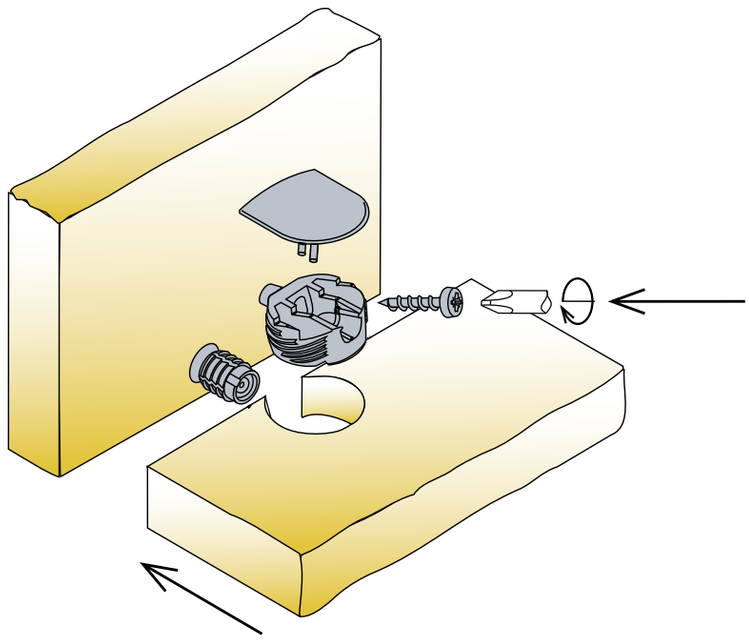
Made of zinc

System 2
Fittings for Face-boring Applications

System Features

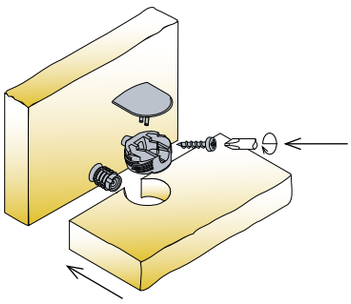
A family of face boring only concealed fittings and rail fasteners with wide tolerances and the enormous clamping power of an angled screw.

- Factory or site component installation
- Wide tolerances
- Face boring only
- Cover caps for concealment
- For kitchen, furniture storage, office and store fixture applications
- Non twist rail fastener versions
- Multi use ‘pocket screw’ replacement



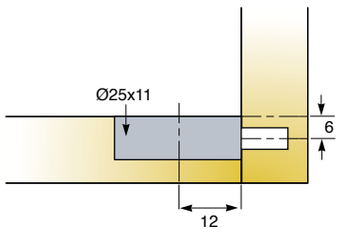
System 2
Fittings for Face-boring Applications
Concealed Fittings

- Combination of hi-thread screw and nylon insert allows a high clamping force improving cabinet rigidity
- Unlimited stacking height due to flush housing
- Provides a strong, secure fitting which eliminates the need for edge boring
- +/-1mm tolerance absorbs drilling inaccuracies improving consumer confidence in use



Technical and mounting details

		Item number	Brown beige	White	Zinc plated
Housing (no nose)	2500 Pcs	*02985 ⇢		877	
Screw panhead No 8 x 17.6	2500 Pcs	01709 ⇢			883
Cover cap	7000 Pcs	01732 ⇢	806	877	



Made of plastic

*European market only

Made of plastic

Made of plastic

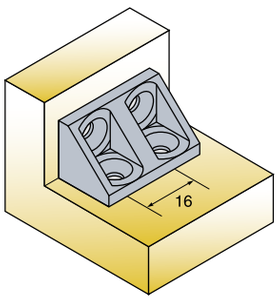
Other colours on request

Inserts
Made of plastic

⇢ see page 1.62

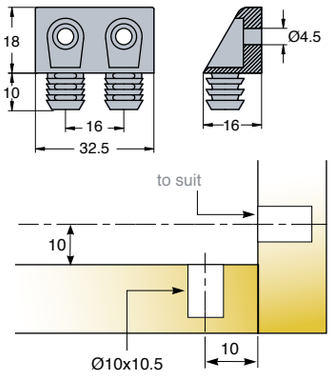
System 2
Fittings for Face-boring Applications

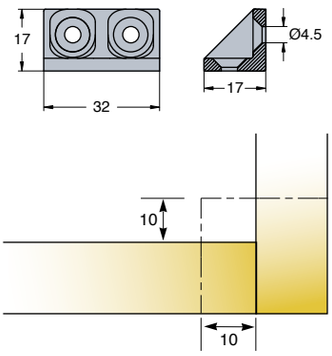
- Range of fixing blocks for multiple applications
- Face drilling only required
- Durable plastic material is flexible providing greater holding power
- Choose screw fastening or hammer insertion

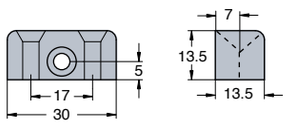


Technical and mounting details

		Item number	Dark brown	Light brown	Ivory	White
Rail fastener	2000 Pcs Made of plastic	02075	831	867		877
Housing (no nose)	2000 Pcs Made of plastic	02077			875	877
Modesty block	1500 Pcs Made of plastic	*06073		867		877







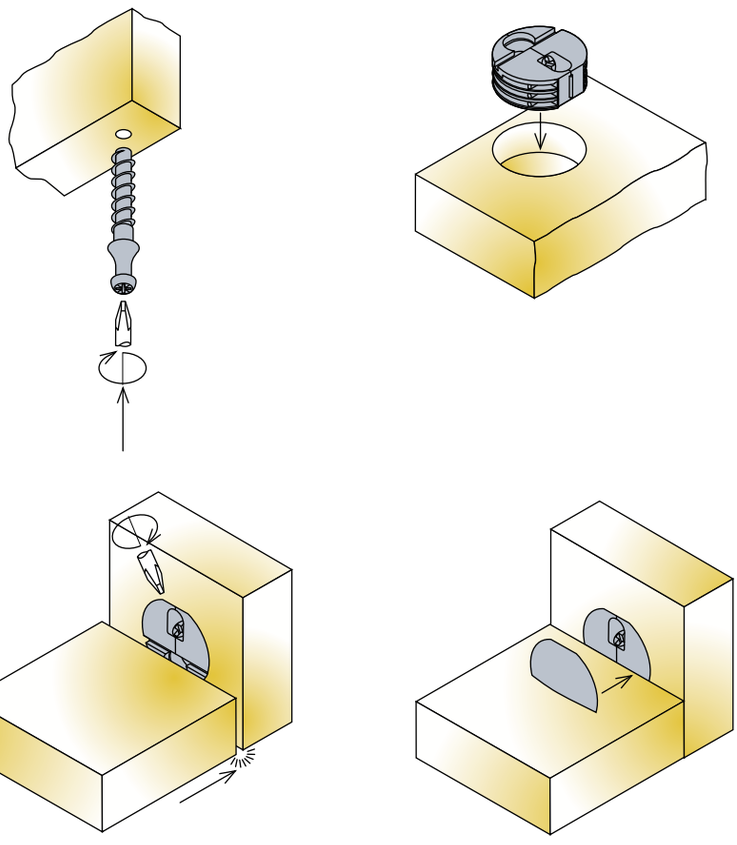
*European market only

System 3
Fittings for Face and Edge Boring

System Features

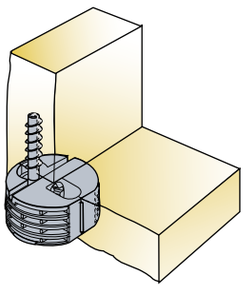
Titus System 3 is a two component rigid face and edge drilled fastening with half turn to fasten. System 3 offers almost full concealment and wide tolerances in use.

- 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



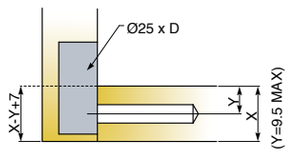
System 3
Fittings for Face and Edge Boring
Concealed Housing

- 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

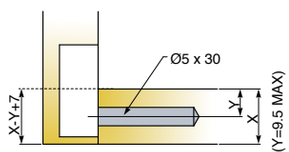
	C	D	D2						
	Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread	Item number	Black	Zinc plated	Dark brown	Yellow passivate	White
Housing assembly		12.5		**03118** ⇢	835		831		877
				Other colours on request					
Screw dowel Ø5	30		5	**03168** ⇢		883			
Screw dowel Ø3	11		3.75	**03181** ⇢				881	
	9		3	**03180** ⇢				881	
	25		3	***03090** ⇢		883			
				**Other colours on request*					
Cover cap				**03150** ⇢	835				877



X, Y - depends on board thickness

2500 Pcs

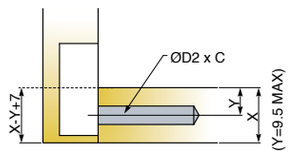
Made of plastic or zinc, plastic



X, Y - depends on board thickness

1000 Pcs

Made of zamak



X, Y - depends on board thickness

5000 Pcs (03180)
4000 Pcs (03181)
1000 Pcs (03190)

Made of steel

15000 Pcs

Made of plastic

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
- Angledrive versions fastening with maximum driving power and flexibility
- Quickloc™ versions need only one turn to tighten for fast assembly
- Foolproof consumer home insertion

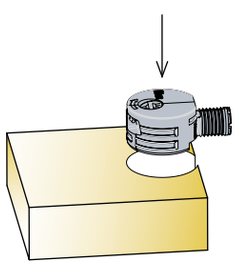
Quickloc™ One-piece connector

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

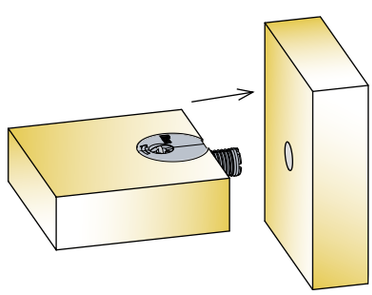
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

Quickloc™ Assembly

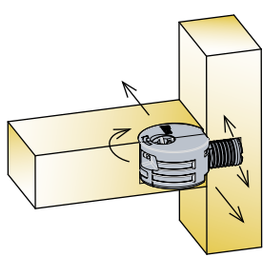
1. Press Quickloc into the face board



2. Assemble the panels



3. Tighten in less than one turn

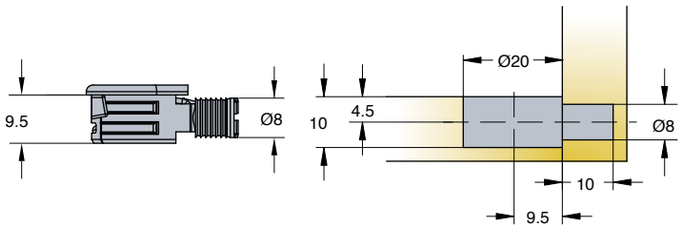


System 4
Quickloc™
One Piece Expanding Connector

- 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

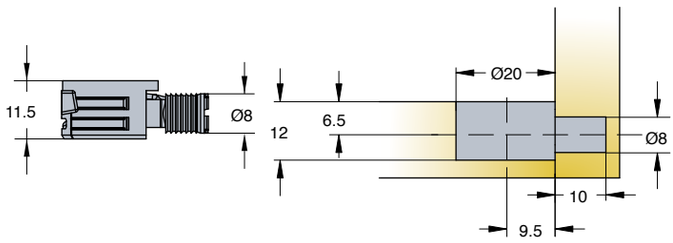
Technical and mounting details

	Item number	Dark brown	Black	White
Quickloc Ø20 flanged	06803	831	835	877



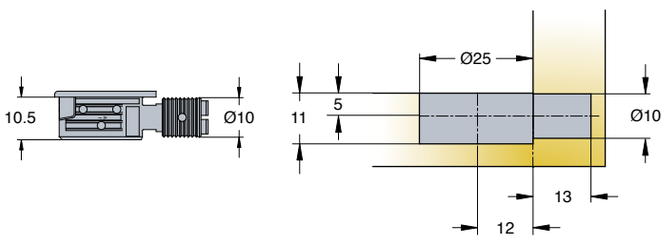
2500 Pcs — Made of zinc, plastic

	Item number	Dark brown	Black	White
Quickloc Ø20 flush	06806	831	835	877



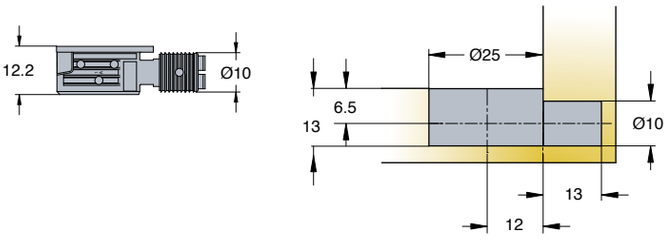
2500 Pcs — Made of zinc, plastic

	Item number	Dark brown	Black	White
Quickloc Ø25 flanged	06802	831	835	877



1500 Pcs — Made of zinc, plastic

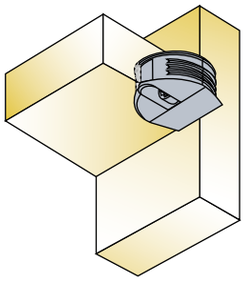
	Item number	Dark brown	Black	White
Quickloc Ø25 flush	06839	831	835	877

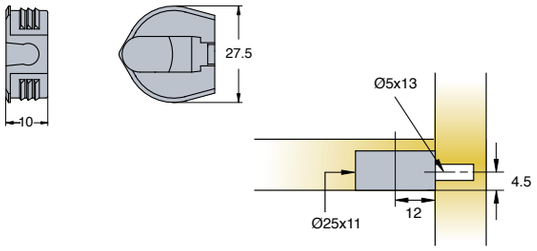
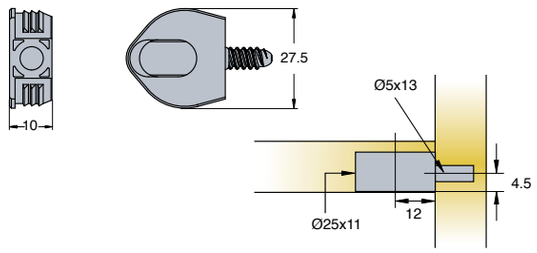
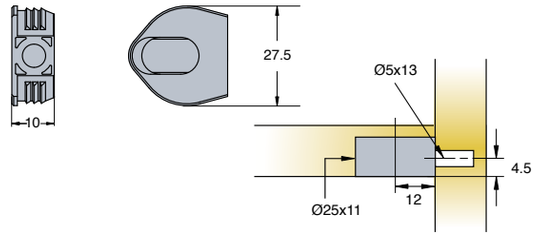
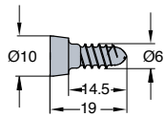
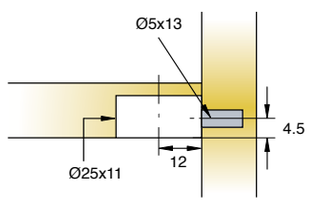


1500 Pcs — Made of zinc, plastic

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

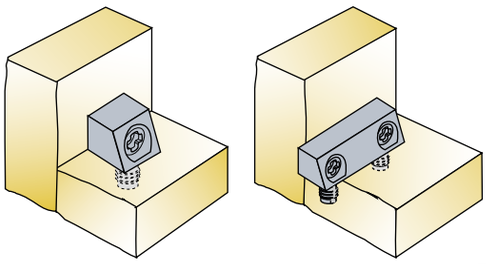
- The Angledrive screw provides high level of tolerance
- Face drilling only required
- Corner joint and shelf fixing options



	Technical and mounting details	Item number	Brown beige	Black	Silver	White	Zinc
Flushfix™ 2500 Pcs Made of plastic		02161	806		861	877	
		Other colours on request					
Flushbloc™ with screw 2000 Pcs Made of zinc and plastic		02193		835		877	
		Other colours on request					
Flushbloc™ assembly 2500 Pcs Made of plastic		*02190		835		877	
		** American market only Other colours on request*					
Angledrive screw for use with Flushfix™ 2000 Pcs Made of zinc	 	round head 00021					885
		flat head 00022					885

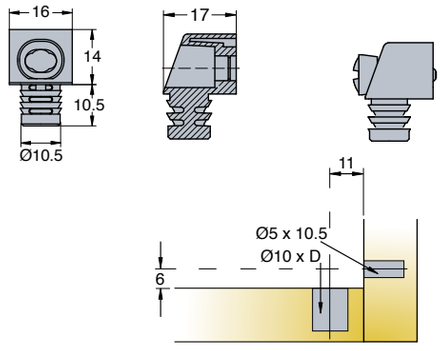
System 4
Fittings for
Face-boring Only
Minibloc™ / Twinbloc™

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



Technical and mounting details

	D					
	Drilling depth	Item number	Dark brown	Black	Silver	White
Minibloc Ø10						
	11	02107 ⇢	831	835	861	877
	11	*02120 ⇢	831	835	861	877

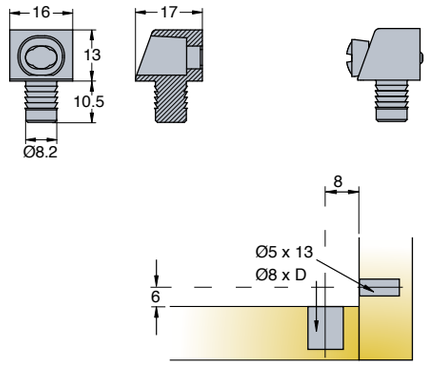


** Assembly with screw*
Other colours on request

2500 Pcs (02107)
3000 Pcs (02120)

Made of zinc, plastic

Minibloc Ø8						
	11	02141 ⇢		835	861	877
	11	*02144 ⇢		835		877

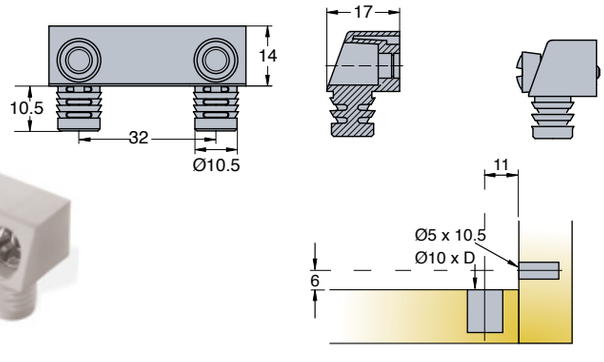


** Assembly with screw*
** European market only*
Other colours on request

3000 Pcs

Made of zinc, plastic

Twinbloc Ø10						
	11	02130 ⇢		835	861	877
	11	* 02139 ⇢		835		877



** Assembly with screw*
Other colours on request

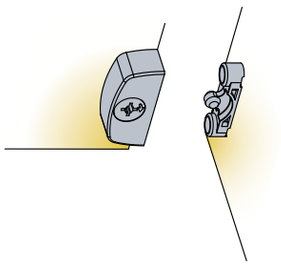
1000 Pcs

Made of zinc, plastic

Angledrive screw ⇢ *see page 1.17*

System 4
Fittings for
Face-boring Only
Cambloc

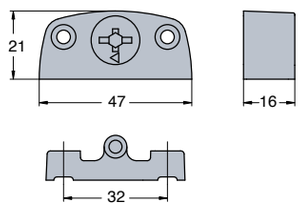
- Screw-on and knock-in versions are available
- Plastic housings are available in different colours
- Quick and intuitive assembly when fittings are pre-mounted on furniture

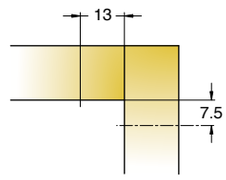


Technical and mounting details

Item number	Zinc plated + white housing	Zinc plated + brown housing	Zinc plated + black housing
279-9187	960	970	980

Screw-on





1000 Pcs

Made of plastic, zinc cam

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

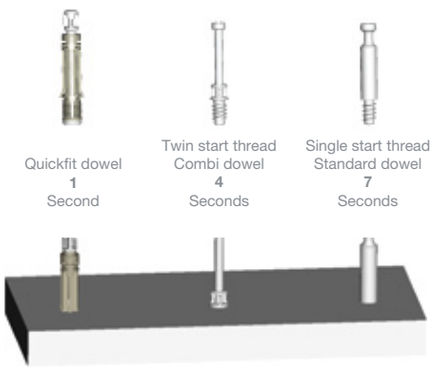
Dowels

- **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'™

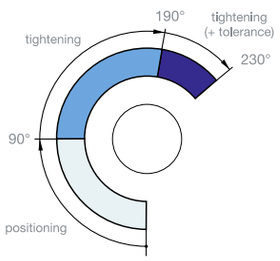
Titus 'Klix' locking system ensures the engagement of the interlocking teeth on cam and dowel providing:
· vibration-proof joint
· rigid construction that will not loosen in service or transit

Dowel insertion time comparison



2 o'clock lock Smooth closing

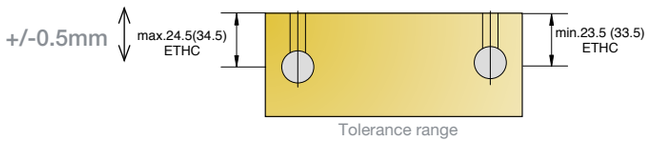
Linear cam profile assures smooth, firm tightening action and greater pull-up. The cam always locks at 2 o'clock lock (230°), enabling greater consumer confidence in use while improving furniture quality.

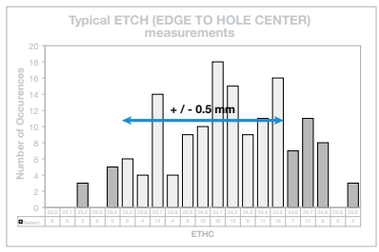


Drilling tolerances

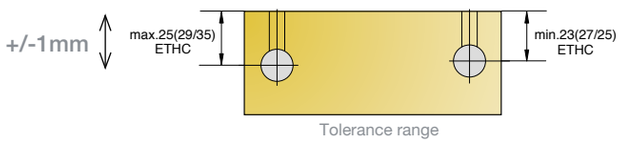
Optimal performance and perfect joint even with inaccurate drillings.

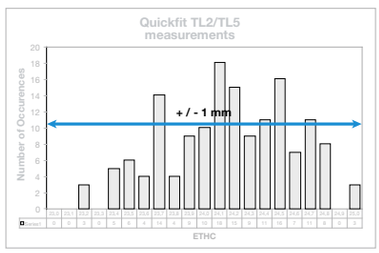
Zinc/Combi dowel



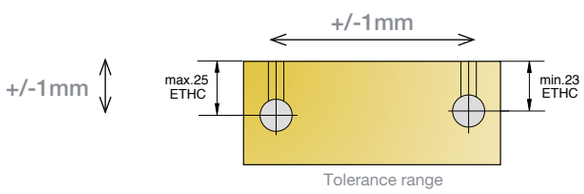


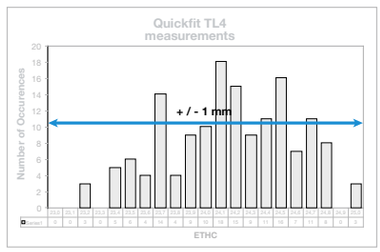
Quickfit TL5 dowel, Quickfit TL2 dowel





Quickfit TL4 dowel



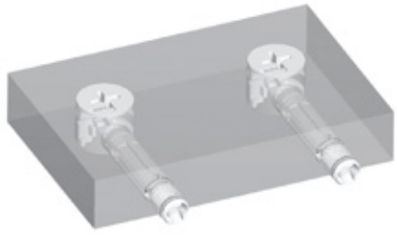


ETHC=Edge To Hole Center

Dowels for factory insertion

Quickfit TL5, Quickfit TL4 and Quickfit TL2 are the only available dowels allowing factory preinsertion

- Easier packing
- Less damages in handling
- Perfect 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

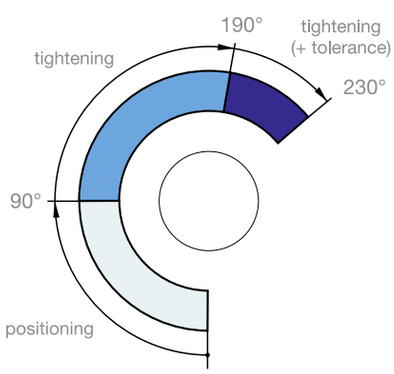
Linear cam profile ensures:
- Smooth tightening action
- Greater dowel pull-up

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

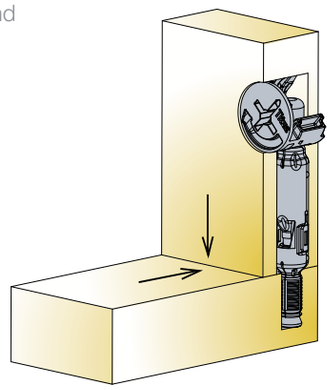
2 o'clock lock

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

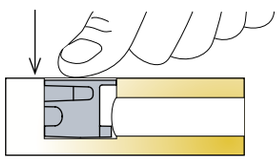
Quickfit Connectors

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.

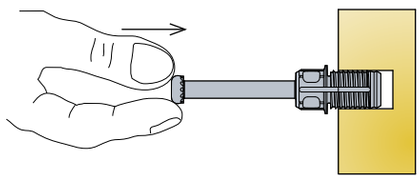
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lenghts of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

Assembly

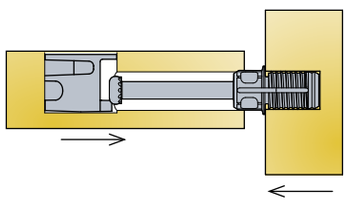
1. Press the cam into face board



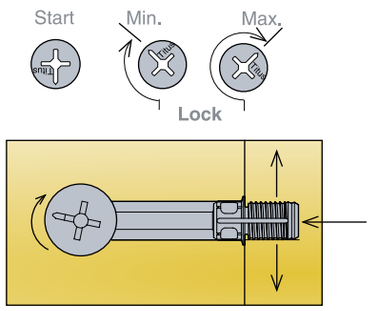
2. Insert the dowel into side panel



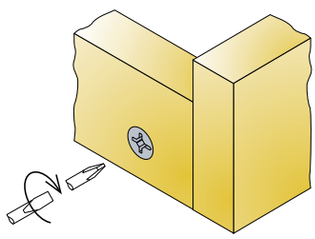
3. Assemble the panels



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.

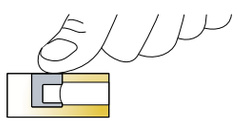
Drilling tolerances

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

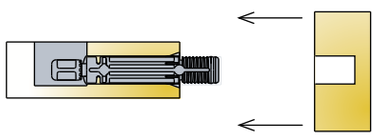
Quickfit-TL™ provides a tolerance of +1/-1mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

Assembly

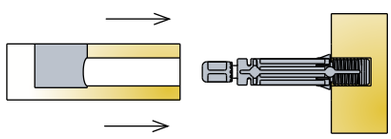
1. Press the cam into face board



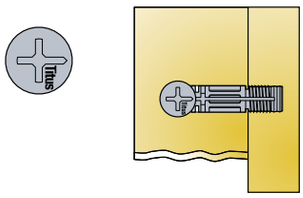
2a. Either push dowel into edge hole or...



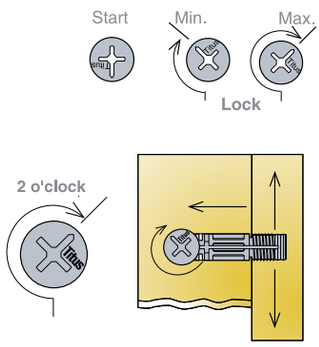
2b. Insert the dowel into side panel



3. Assemble the panels



4. Tighten cam to lock dowel



System 5
Cams and Dowels

Quickfit TL5 'Full Metal Jacket'

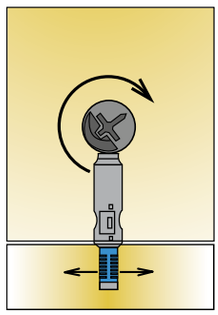
Effective performance in multiple wooden materials

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.



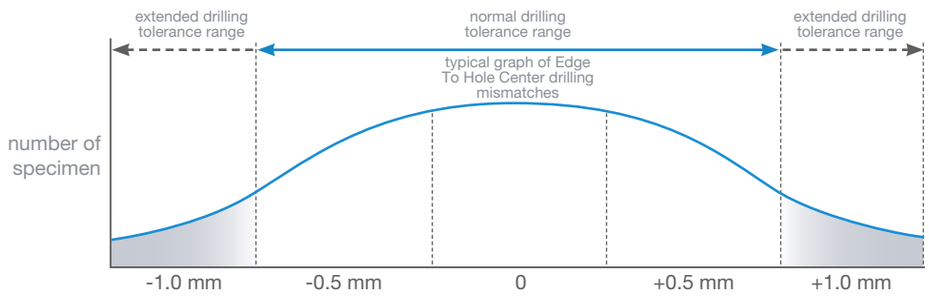
High drilling tolerances

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

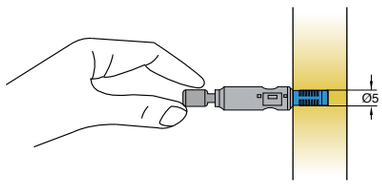


Shape of dowel sleeve

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

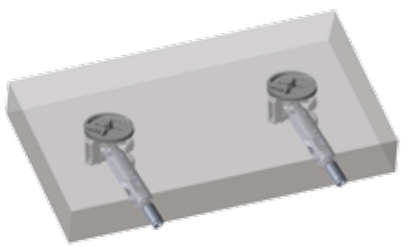
Tool-free insertion for Ø5mm dowel holes

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.

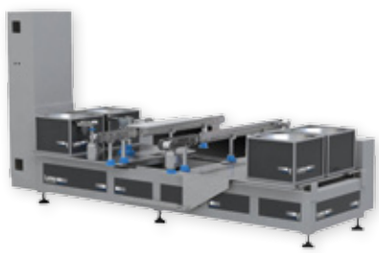


50% less time to assemble the cabinet at home

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

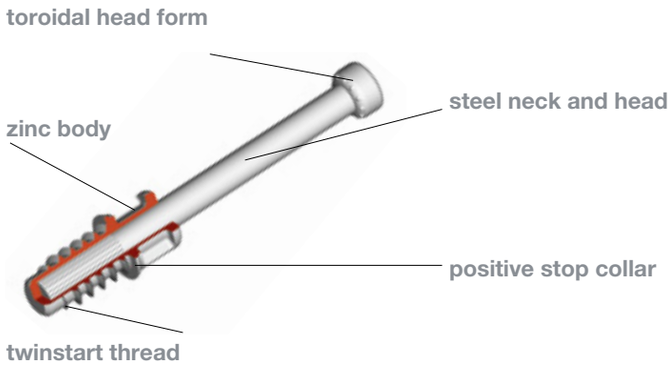
Consumer Assembly Friendliness

System 5
Cams and Dowels

Zinc+steel Combi Dowels

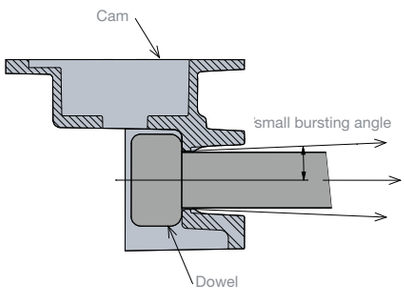
Zinc+steel technology for optimal strength and performance

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.

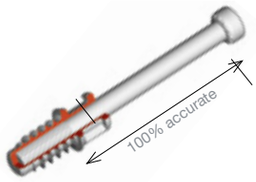


The steel neck and head provide better resistance to torsion and pull-out enabling a high performance joint

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



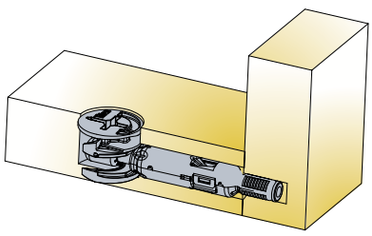
The toroidal dowel head form transfers the forces between cam and dowel more effectively resulting in a small cam bursting force.



100% dimensional accuracy assured

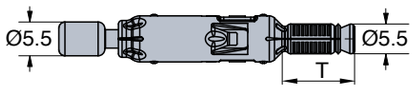
System 5
Quickfit TL5
'Full Metal Jacket'

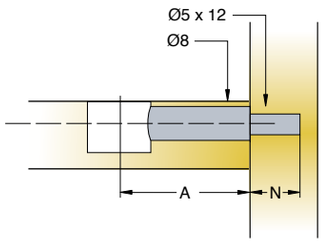
- Tool-free insertion technology for Ø5mm dowel holes
- Drilling tolerances of +1/-1mm when edge inserted
- Expanding steel sleeve assures a strong joint, highly resistant to pull-out
- Functions in multiple wooden materials (chipboard, MDF, solid wood)
- Suitable for use with Cam5000

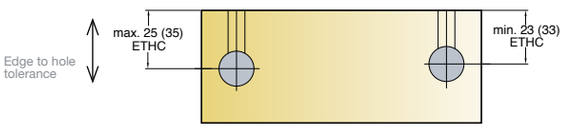


Technical and mounting details

Quickfit TL5 dowel







Tolerance range

A Drilling distance	N Drilling depth	T Drilling lenght	Item number	TeraBlack
34	12	11.5	**09652** →	956
24	12	11.5	**09651** →	956

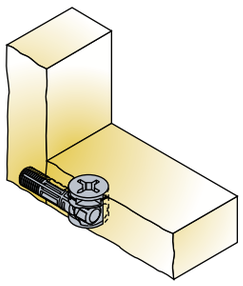
To be used with Cam5000 only

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 Cam2000, Cam3000, 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

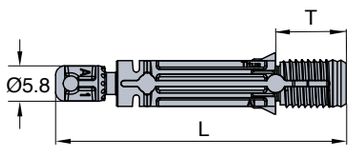


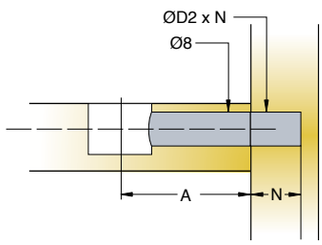
Technical and mounting details

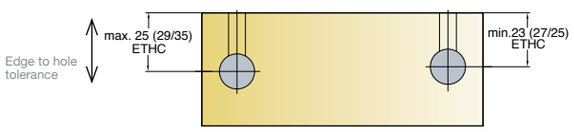
Quickfit TL2

D2=Ø5mm

D2=Ø8mm







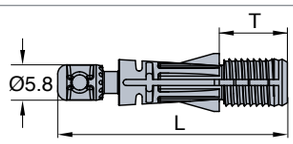
Tolerance range

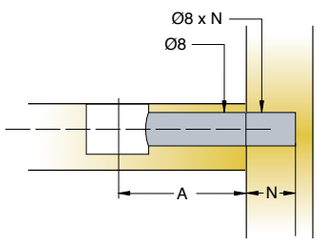
2000 Pcs
1000 Pcs (05474)

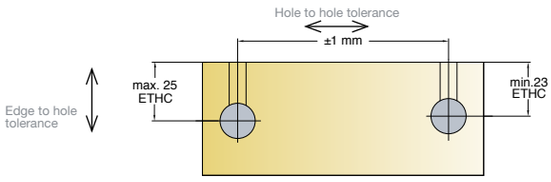
Made of zinc, plastic

A	N	T	D2			
Drilling distance	Drilling depth	Thread length	Drilling diameter for dowel thread	Item number	Black	Dark grey
24	12	11.5	5	**05453** →		880
34	12	11.5	5	**05503** →		880
24	12	11.2	8	**05366** →		880
28	12	11.2	8	**05314** →		880
34	12	11.2	8	**05474** →		880

Quickfit TL4







Tolerance range

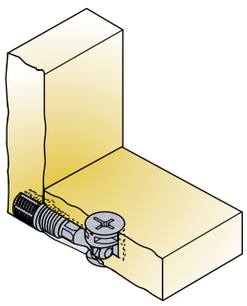
3000 Pcs

Made of zinc, plastic

24	12	11.2	8	**05388** →	835	

System 5
Cams and Dowels
Quickfit Dowels

- Available in Ø5mm, Ø8mm and Ø10mm for panel-to-panel applications
- Suitable for use with all Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Depth stop collar for accurate insertion

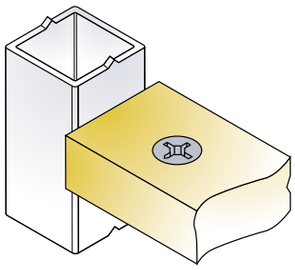


Technical and mounting details

		A	N	T	L		
		Drilling distance	Drilling depth	Drilling distance	Total length	Item number	Dark grey
Quickfit dowel Ø8mm		20	12	11.2	29.5	**05556** →	880
		24	12	11.2	33.5	**05563** →	880
		28	12	11.2	37.5	**05552** →	880
		34	12	11.2	43.5	**05554** →	880
1000 Pcs (05556,05552) 2000 Pcs (05563, 05554)	Made of zinc, plastic						
Quickfit dowel Ø10mm		24	12	11.2	33	**05052** →	880
		34	12	11.2	43	**05050** →	880
2000 Pcs	Made of zinc, plastic						
Quickfit dowel For back-to-back application		24	12	11.2	30.5	**05270** →	880
		34	12	11.2	40.5	**05147** →	880
1000 Pcs	Made of zinc, plastic						

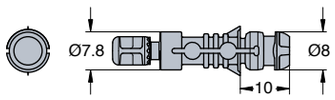
System 5
Cams and Dowels
Quickfit P2F Dowels

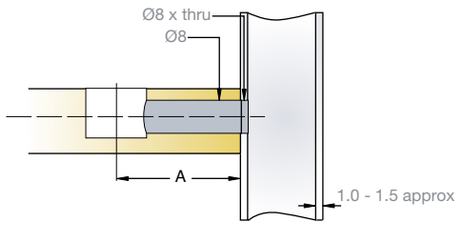
- The only product to enable standard panel drilling and connection of panel and hollow profile
- Available in Ø8mm for panel-to-hollow metal profile applications
- Suitable for use with all Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint



Technical and mounting details

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



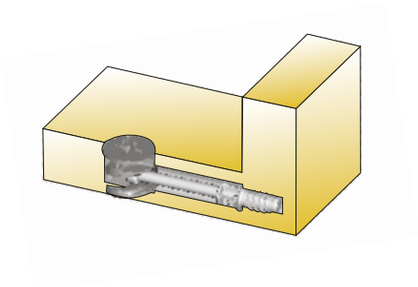


2000 Pcs

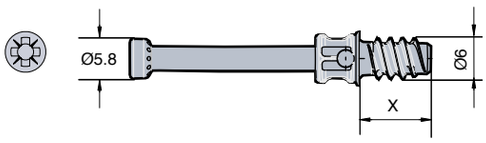
Made of zinc, plastic

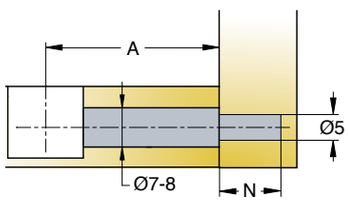
System 5
Cams and Dowels
Combi Dowel

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



Technical and mounting details





Combi dowel Ø5

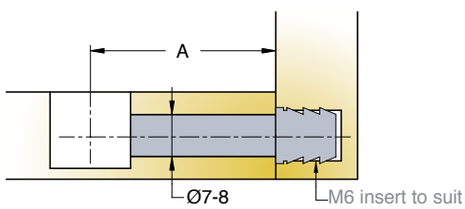
	A Drilling distance	N Drilling depth	X Thread length	Item number	Zinc
	34	12	11	**09435** →	885
	28	10	9.5	**09588** →	885
	24	12	11	**09443** →	885
	24	9	8.5	**09583** →	885
PH2 head	34	12	11	***09424** →	885
PH2 head	24	12	11	***09423** →	885
PH2 head	34	9	8.5	***09456** →	885

**American market only*

1000 Pcs
*2000 Pcs

Made of steel and zinc

Combi dowel M6



	34		8	**09592** →	885
	34		10.5	**09594** →	885

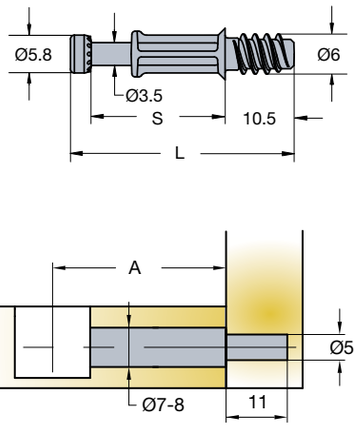
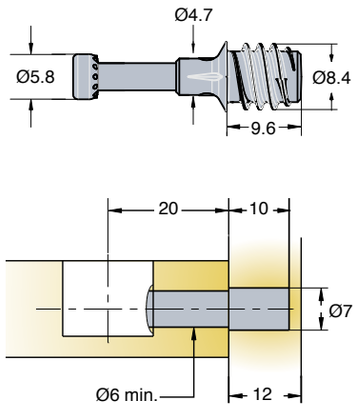
1000 Pcs

Made of steel and zinc

Inserts
Made of zinc
→ *see page 1.59*

Inserts
Made of plastic
→ *see page 1.59*

System 5
Cams and Dowels
Combi Dowel

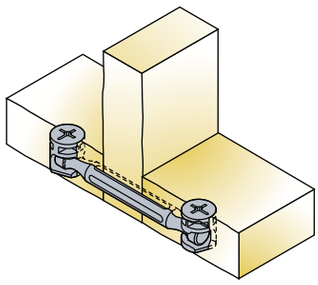
	Technical and mounting details		S Length	L Total length	A Drilling distance	Item number	Zinc
Combi dowel Ø5 **Full body**			20.6	34.5	24	**09597** →	885
							
1000 Pcs	Made of steel and zinc						
Combi dowel Ø7		PH2 head			20	**09430** →	885
							
1000 Pcs	Made of steel and zinc						

Inserts
Made of plastic

→ *see page 1.59*

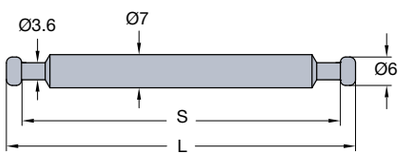
System 5
Cams and Dowels
Double-ended Dowel

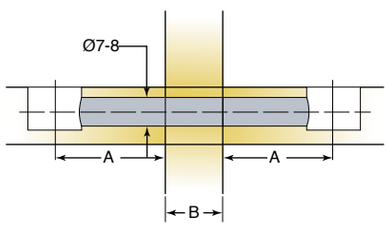
- Available in Ø7mm
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000
- No circlip for increased tolerance
- Available in a variety of lengths to suit most panel-to-panel applications



Technical and mounting details

Dowel without circlip





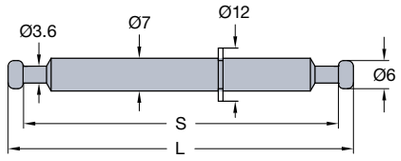
250 Pcs (05753)
500 Pcs (05857)
1000 Pcs (05929)

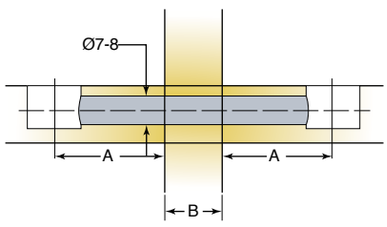
Made of steel

S Length	L Total length	A Drilling distance	B Panel thickness	Item number	Zinc plated
41	47.4	24	0*	**05929** →	883
61	67.4	34	0*	**05757** →	883
77	83.4	34	16	**05858** →	883
79	85.4	34	18	**05859** →	883
80	86.4	34	19	**05753** →	883
56	62.4	24	15	**05592** →	883
57	63.4	24	16	**05857** →	883
59	65.4	24	18	**05380** →	883
60	66.4	24	19	**05778** →	883

*B=0 → no panel required

Dowel with circlip





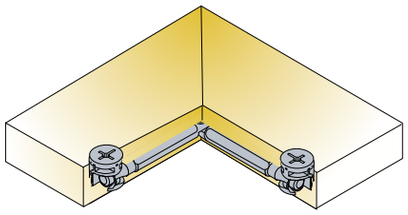
250 Pcs
500 Pcs (05775, 05774)

Made of steel

S Length	L Total length	A Drilling distance	B Panel thickness	Item number	Zinc plated
77	83.4	34	16	**05752** →	883
79	85.4	34	18	**05772** →	883
80	86.4	34	19	**05751** →	883
57	63.4	24	16	**05775** →	883
60	66.4	24	19	**05774** →	883

System 5
Cams and Dowels
Angled Dowels

- Suitable for applications requiring angled joints
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000
- Adjustable angle from 90° to 180°



Technical and mounting details

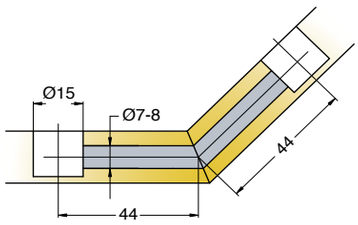
Item number

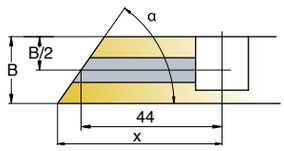
Zinc plated

Angled dowel 180° fixed

05860 →

883





Distance x in mm

α		20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	67,5°	70°	75°	80°	85°	
	13	61.9	57.9	55.3	53.5	51.7	50.5	49.5	48.6	47.8	47	46.7	46.4	45.7	45.1	44.6	
	15	64.6	60.1	57	54.7	52.9	51.5	50.3	49.3	48.3	47.5	47.1	46.7	46	45.3	44.7	
	16	66	61.2	57.9	55.4	53.5	52	50.7	49.6	48.6	47.7	47.3	46.9	46.1	45.4	44.7	
B	18	68.8	63.3	59.6	56.9	54.7	53	51.6	50.3	49.2	48.2	47.7	47.3	46.4	45.6	44.8	
	19	70.1	64.4	60.5	57.6	55.3	53.5	52	50.7	49.5	48.4	47.9	47.5	46.5	45.7	44.8	
	22	74.2	67.6	63.1	59.7	57.1	55	53.2	51.7	50.4	49.1	48.6	48	46.9	45.9	45	
	23	75.6	68.7	63.9	60.4	57.7	55.5	53.6	52.1	50.6	49.4	48.8	48.2	47.1	46	45	x

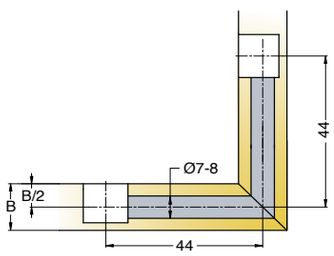
250 Pcs

Made of steel

Angled dowel 90° fixed

05282 →

883

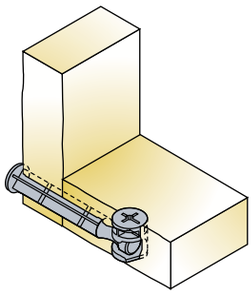


1000 Pcs

Made of steel

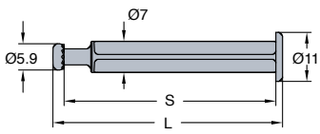
System 5
Cams and Dowels
End Dowels

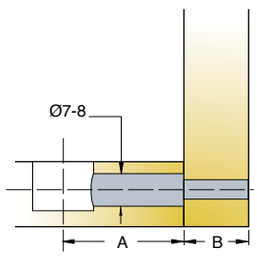
- Available in a variety of head and length combinations to suit most end panel applications
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000
- 'Klix' locking feature provides a strong, vibration proof joint
- Both 'mushroom' and countersunk headed versions available



Technical and mounting details

	A	B	S	L		
	Drilling distance	Panel thickness	Length	Total length	Item number	Zinc
Mushroom dowel	24	16	36.5	40.5	**05608** →	885
	24	19	39.5	43.5	**05609** →	885
	34	16	46.5	50.5	**05610** →	885
	34	19	49.5	53.5	**05611** →	885



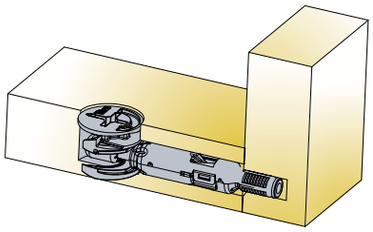


500 Pcs (05610, 05611)
1000 Pcs (05608, 05609)

Made of zinc

System 5
Cams and Dowels
Ø15mm Cam5000

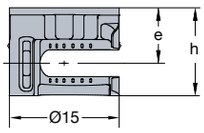
- Improved central shape for highly resistant joint
- Suitable for use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam retaining pips ensure that a cam is held in panel position prior to assembly

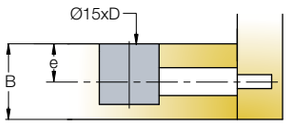


Technical and mounting details

		B Panel thickness	D Drilling depth	e Drilling for dowel	h Cam height	Item number	Zinc
Cam5000 cross drive	PZ2 drive	12/13	10.5	6 min	9.9	**09695** ⇢	885
		15/16	12.5	7.5/8	11.9	**09690** ⇢	885

Use standard cover caps with pin=Ø4mm



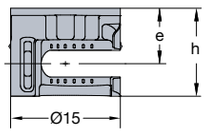


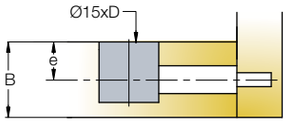
1000 Pcs — Made of zinc

Cam5000 hexagonal drive	combined drive with HEX	15/16	12.5	7.5/8	11.9	**09699** ⇢	885
		18/19	14	9/9.5	13.2	**09692** ⇢	885

Use standard cover caps with pin=Ø4mm

Black available upon request

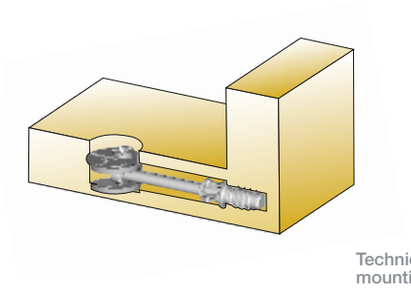




1000 Pcs — Made of zinc

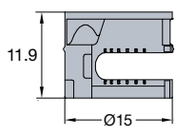
System 5
Cams and Dowels
Ø15mm Cam3000 S

- Innovative design offers optimal performance with maximum cost effectiveness
- Suitable for use with Combi dowels, forged steel dowels and Quickfit 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

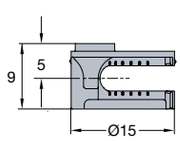


Technical and mounting details

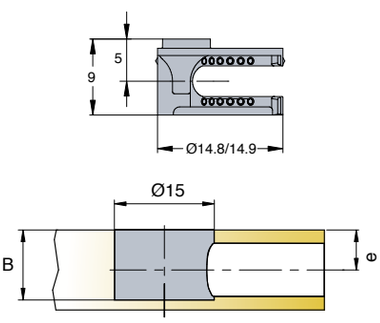
		B Panel thickness	D Drilling depth	e Drilling for dowel	Item number	Zinc	Zinc corrosil
Cam3000 S/15	PZ2 drive	15/16	12.5	7.5/8	**09491** →	885	897
1000 Pcs	Made of zinc						
Cam3000 S/12	PZ2 drive	12 min	9.5 min	min 6	***09406** →	885	897
2000 Pcs	Made of zinc						
Cam3000 S/12	Philips PH2 drive	12 min	9.5 min	min 6	***09631** →	885	
1000 Pcs	Made of zinc						



** European market only*



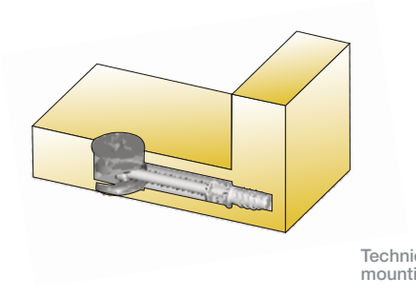
** American market only*



Cover caps 09630
Made of plastic

System 5
Cams and Dowels
Ø15mm Cam3000

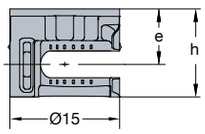
- Its optimised shape provides a more efficient cam profile with smooth tightening action and greater dowel pull-up
- Suitable for use with Combi dowels, forged steel dowels, Quickfit dowels and Quickfit TL dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam-retaining pips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

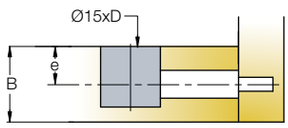


Technical and mounting details

		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



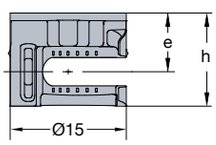


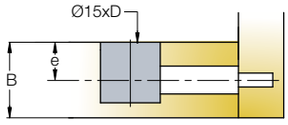
1000 Pcs Made of zinc

Cam3000 hexagonal 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

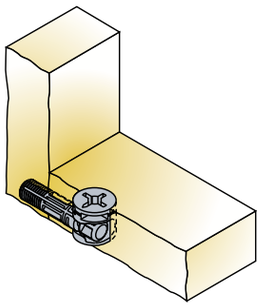




1000 Pcs Made of zinc

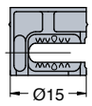
System 5
Cams and Dowels
Ø15mm Cam2000

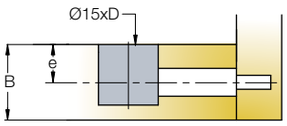
- Available in a variety of head, drive recess and board thickness versions to suit most applications
- Suitable for use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Linear cam profile results in smooth, easy cam rotation and dowel pull-up



Technical and mounting details

Cam2000 Ø15





	B Panel thickness	D Drilling depth	e Drilling for dowel	Item number	Nickel	Zinc
	12/13	10min	6-6.5	*05587 →	847	885
	15/16	12.7	7.5-8	05654 →	847	885
	22/23	16	11-11.5	05657 →	847	885
	25/26	17.9	12.5-13	05676 →	847	885
	28/29	19.4	14-15.5	05678 →	847	885

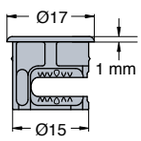
Other finishes on request

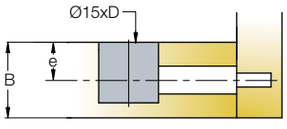
***Ultraflat** - specially designed for thin panels (does not work with TL dowels)*

500 Pcs (05676, 05678)
1000 Pcs

Made of zinc

Cam2000 Ø15 headed





	12	10min	6	*05586 →	847	885
	13	10.9min	6.5	05652 →	847	885
	16	12.9	8	05658 →	847	885
	19	13	9.5	05659 →	847	885
	23	14.5	11.5	05675 →	847	885
	26	16.5	13	05677 →	847	885
	29	19.4	14.5	05679 →	847	885

Other finishes on request

***Ultraflat** - specially designed for thin panels (does not work with TL dowels)*

500 Pcs (05675, 05677, 05679)
1000 Pcs

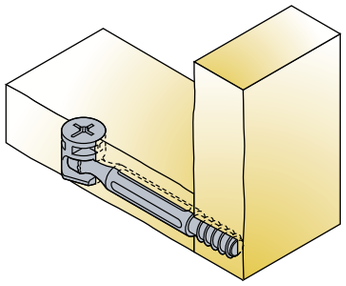
Made of zinc

Cover caps for Ø15 cams
Made of plastic

→ *see page 1.65*

System 5
Cams and Dowels
Ø12mm Cam2000

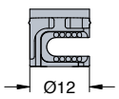
- Suitable for all Titus screw-in dowels
- Available in a variety of head, drive recess and board thickness versions to suit most applications
- Particularly suited to drawer front attachment applications
- 'Klix' locking feature provides a strong, vibration proof joint
- Linear cam profile results in smooth, easy cam rotation and dowel pull-up

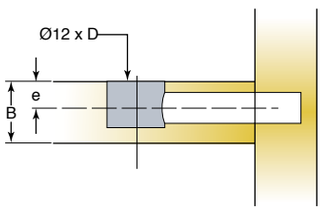


Technical and mounting details

		B	D	e					
		Panel thickness	Drilling depth	Drilling for dowel	Item number	Black painting plate	Nickel plated	Zinc	Corrosil zinc
Cam2000 Ø12		12/13	10 min	6-6.5	**05575** →	838	847	885	897
		15/16	12	7.5-8	**05578** →			885	
		18/19	13 min	9-9.5	**05580** →			885	

Other finishes on request



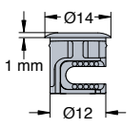


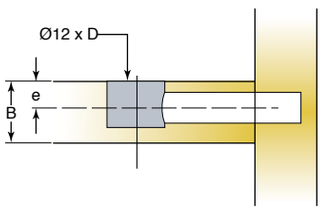
2000 Pcs

Made of zinc

Cam2000 Ø12 headed		12	9.2 min	5.25	**05574** →	838	847	885	897
		12	10 min	6	**05576** →			885	
		16	12.5	8	**05579** →			885	

Other finishes on request





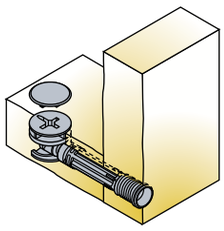
1000 Pcs
2000 Pcs (05576)

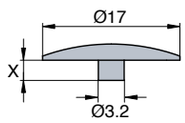
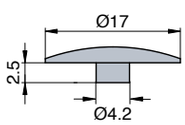
Made of zinc

Cover caps for Ø12 cams → *see page 1.65*
Made of plastic

System 5
Cover Caps

- Available in a variety of colours
- 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 Pin length	Item number	Dark brown	Black	Light brown	Light grey
Cover cap Ø17		3.3	*01029 →	834	835	867	882
		2.5	277-4355 →	370	390	330	380
			*American market only Other colours on request Suitable for cams with Pozi 2 recess				
1000 Pcs	Made of plastic						
Cover cap Ø17			277-4225 →	370	390	330	380
			Other colours on request Suitable for cams with Hex recess				
1000 Pcs	Made of plastic						

System 6
Quickfit-Expando
Connectors

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
- Angledrive 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.

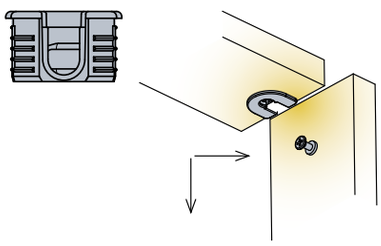
Wedgefix-6 connector is a special fastener without cam, simply to snap onto a pre-inserted dowel.

Applications

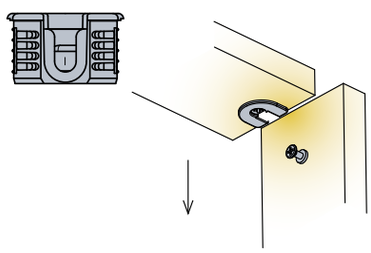
Titus System 6 is ideal for use in high volume production of case goods, closet and garage storage systems. Because no edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry
Drop-on

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

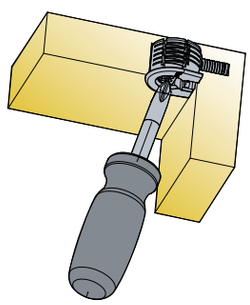


Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Angledrive feature

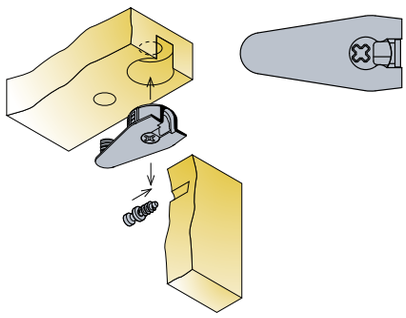
The angledrive feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.



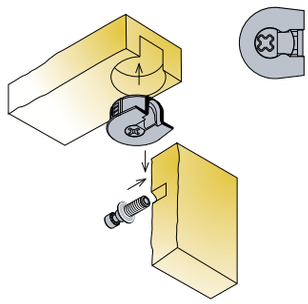
System Features

Outrigger/ Non outrigger

Outrigger

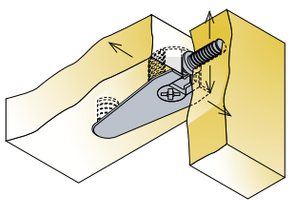


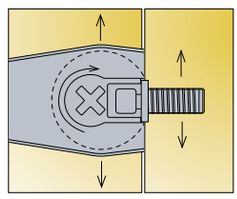
Non outrigger



Expando function

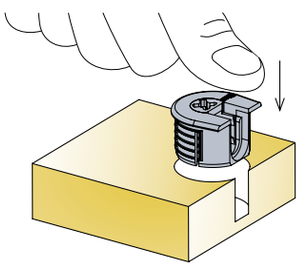
Expanding housings and dowels provide a tight joint.



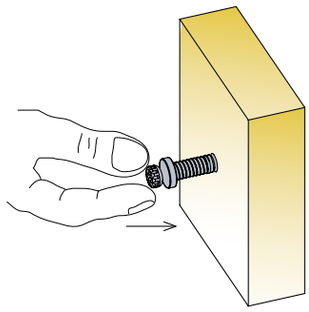


Assembly

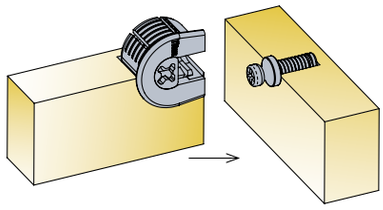
1. Press the housing into face board



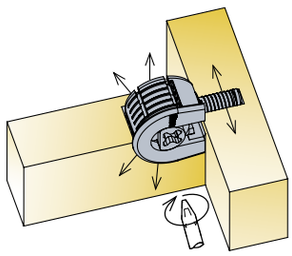
2. Press the dowel into side panel



3. Assemble the panels

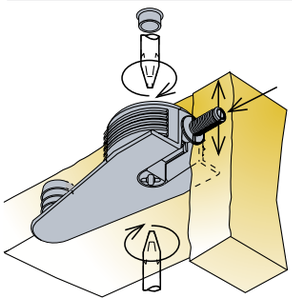


4. Tighten the joint



System 6
Quickfit-Expando
Expanding Dowels

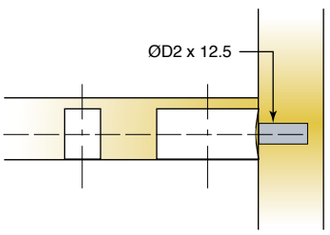
- Available in Ø5mm, Ø8mm for panel-to-panel, and back-to-back applications
- Suitable for applications with all Titus Ø20 and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Depth stop collar for accurate insertion



Technical and mounting details

	D2 Drilling diameter for dowel thread	Item number	Dark grey
Dowel	5	**06408** →	880
	8	**06410** →	880

D2= Ø5mm

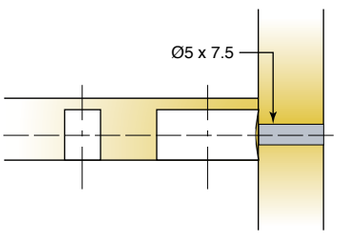


D2= Ø8mm

5000 Pcs

Made of zinc, plastic

Dowel Ø5 x 7.5 back-to-back applications	5	**06479** →	880

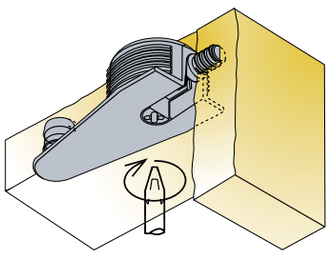


5000 Pcs

Made of zinc, plastic

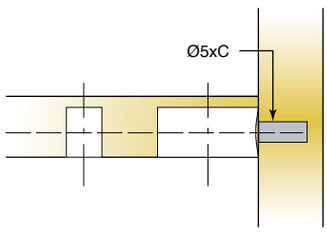
System 6
Quickfit-Expando
Dowels

- Available in various Ø3mm and/or 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

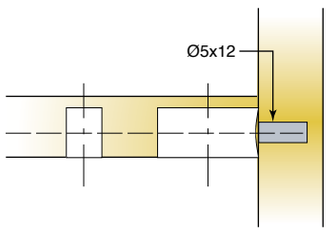
	C Drilling depth for dowel thread	Item number	Zamak	Zinc plated
Dowel Ø5	9	**06401** →	885	
	8	**06402** →	885	883
	11.5	**06406** →	885	883



2000 Pcs

Made of zinc or steel

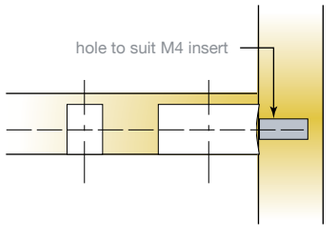
Dowel Ø5 x 11 knock-in		**06403** →	885	



2000 Pcs

Made of zinc

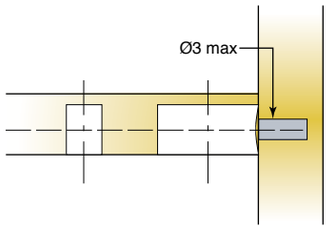
Dowel M4 x 7		**06405** →		883



4500 Pcs

Made of steel

Dowel Ø3 x 11.5		**06495** →		883



12500 Pcs

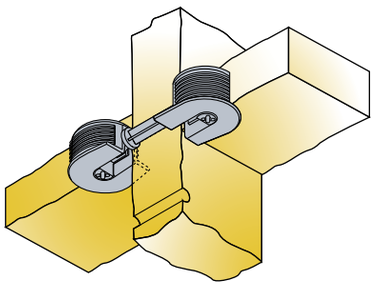
Made of steel

Inserts
Made of plastic

→ *see page 1.59*

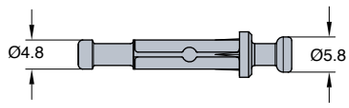
System 6
Quickfit-Expando
Double-ended Dowels

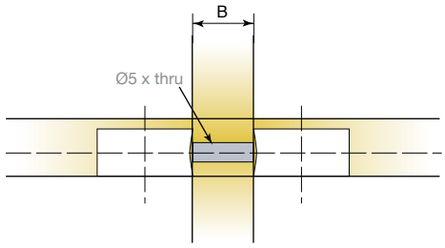
- For 16mm, 18mm and 19mm board
- Suitable for applications with all Titus Ø20mm and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection



Technical and mounting details

	B		
	Panel thickness	Item number	Zinc
Double-ended dowel	16	**06414** →	885
	18	**06413** →	885
	19	**06416** →	885



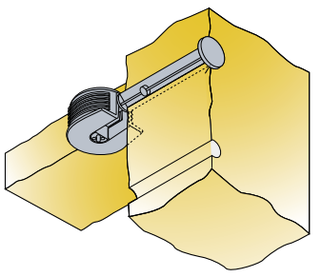


2500 Pcs

Made of zinc

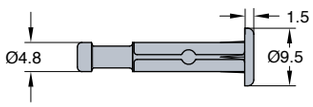
System 6
Quickfit-Expando
End Dowels

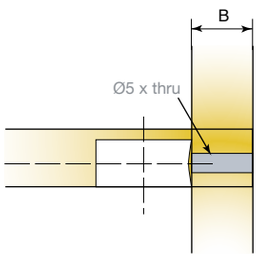
- For 16mm, 18mm and 19mm board
- Suitable for applications with all Titus Ø20mm and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection



Technical and mounting details

End dowel





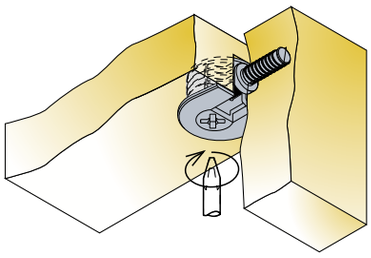
B Panel thickness	Item number	Zinc
16	06412 →	885
18	06411 →	885
19	06415 →	885

2000 Pcs
1000 Pcs (06411)

Made of zinc

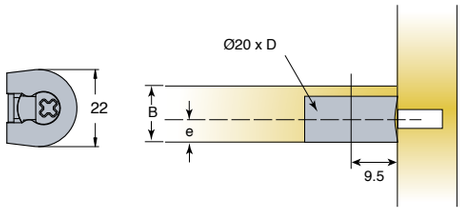
System 6
Quickfit-Expando
20mm Expanding Housing
Non-outrigger

- 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

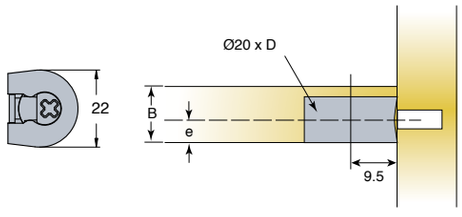
	e	B	D					
	Drilling for dowel	Panel thickness	Drilling depth	Item number	Dark brown plastic	Nickel plated	Silver plastic	White plastic
Side-entry	7.75	15/16	12.5	**06451** →		847		
	9.25	18/19	14	**06453** →		847		



500 Pcs — Made of zinc

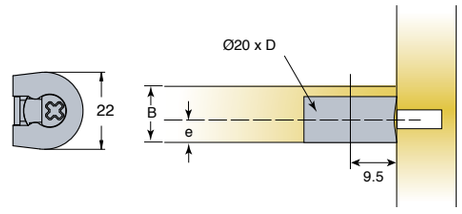
Side-entry	7.75	15/16	12.5	**06435** →	831		861	877
	9.25	18/19	14	**06437** →	831		861	877

Other colours on request



2500 Pcs — Made of plastic

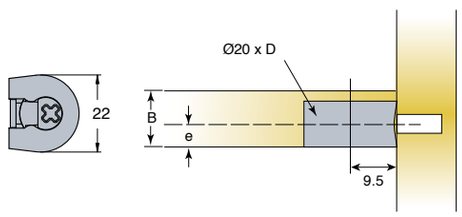
Drop-on	7.75	15/16	12.5	**06447** →		847		
	9.25	18/19	14	**06449** →		847		



500 Pcs — Made of zinc

Drop-on	7.75	15/16	12.5	**06431** →	831		861	877
	9.25	18/19	14	**06433** →	831		861	877

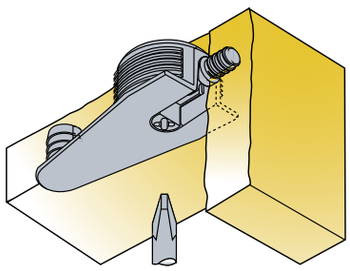
Other colours on request



2500 Pcs — Made of plastic

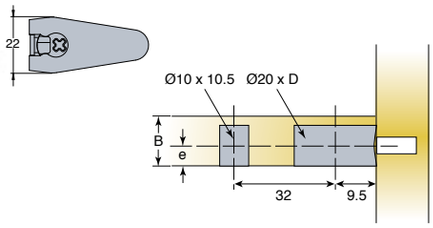
System 6
Quickfit-Expando
20mm Expanding Housing Outrigger

- 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 Drilling for dowel	B Panel thickness	D Drilling depth	Item number	Dark brown plastic	Black plastic	Nickel plated	White plastic
Side-entry	7.75	15/16	12.5	**06459** →			847	
	9.25	18/19	14	**06461** →			847	

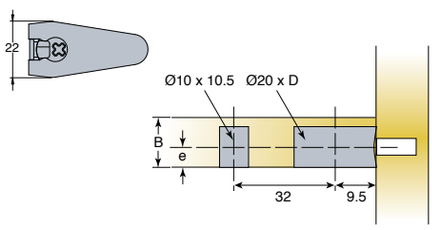


500 Pcs

Made of zinc

Side-entry	7.75	15/16	12.5	**06443** →				877
	9.25	18/19	14	**06445** →	831	835		877
	9.25	18/19	14	***06395** →		835		877

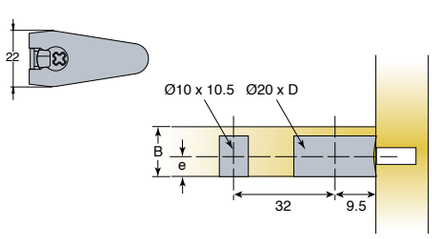
Other colours on request
**American market only*



1250 Pcs

Made of plastic

Drop-on	7.75	15/16	12.5	**06455** →			847	
	9.25	18/19	14	**06457** →			847	

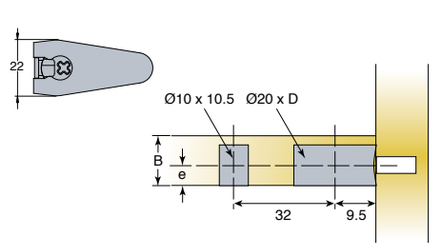


500 Pcs

Made of zinc

Drop-on	7.75	15/16	12.5	**06439** →		835		877
	9.25	18/19	14	**06441** →	831	835		877
	9.25	18/19	14	***06397** →		835		877

Other colours on request
**American market only*

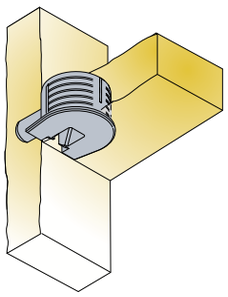


1250 Pcs

Made of plastic

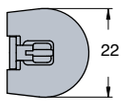
System 6
Quickfit-Expando
Expanding Wedgefix Housing (no Inner Cam)

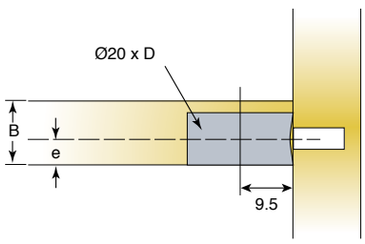
- Available in 12mm, 15mm/16mm and/or 18mm/19mm versions for Sys 6 screw-in and Quickfit dowel applications
- Available in a variety of plastic colours
- Wedgefix housing allows easy customer hand-assembly or factory automated insertion
- When used with Sys 6 Quickfit dowels this provides a true tool-less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



Technical and mounting details

For use with screw-in dowels





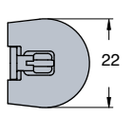
2500 Pcs

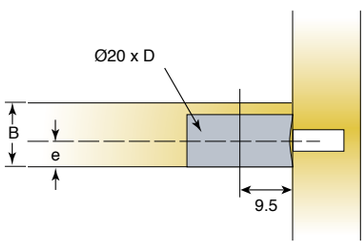
Made of plastic

e	B	D	Item number	White	Black	Dark brown	Silver
Drilling for dowel	Panel thickness	Drilling depth					
6	12	10	**06470** →	877			861
7.75	15/16	12.5	**06473** →	877	835	831	861
9.25	18/19	14	**06465** →	877	835	831	861
11	22	16	**06464** →				861

Other colours on request

For use with Quickfit dowels





2500 Pcs

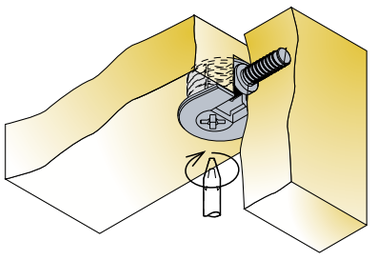
Made of plastic

e	B	D	Item number	White	Black	Dark brown	Silver
7.75	15/16	12.5	**06471** →	877	835	831	861
9.25	18/19	14	**06472** →	877	835	831	861

Other colours on request

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 plastic-metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels

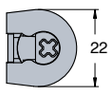


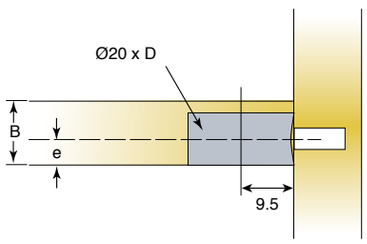
Technical and mounting details

	e Drilling for dowel	B Panel thickness	D Drilling depth	Item number	Silver plastic	White plastic
Side-entry						
	7.75	15/16	12.5	**06381** →	861	877
	9.25	18/19	14	**06385** →	861	877

Product available on American and Asian market only

Other colours on request





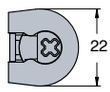
2500 Pcs

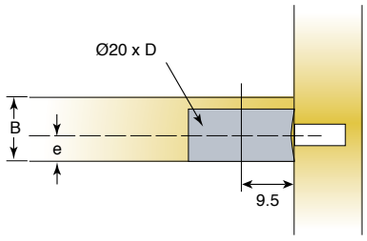
Made of plastic

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

Product available on American and Asian market only

Other colours on request





2500 Pcs

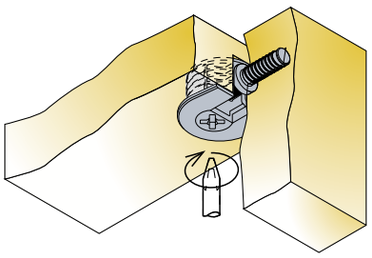
Made of plastic

Cover cap 06936
Made of steel

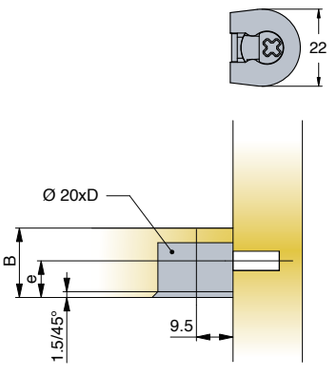
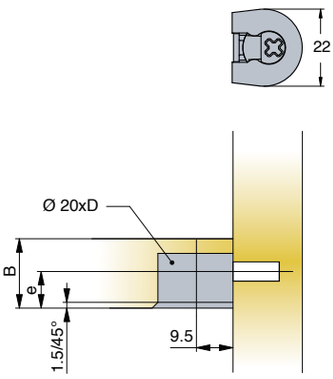
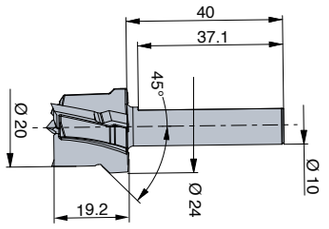
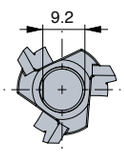
System 6
Flush 20mm Knock-in Housing
Non-outrigger

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

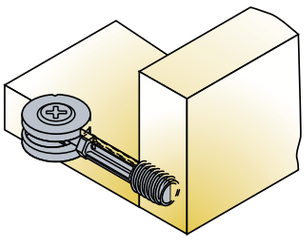


Technical and mounting details

		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			*American market only	
Drop-on		9.5	19	14.2	*06348 →	877
	1000 Pcs	Housing made of plastic, cam made of zinc			*American market only	
Drill bit for Flush 20mm Knock-in housing	 				right handed 00435	
	1 Pcs	Made of carbon steel			left handed 00436	
					*American market only	

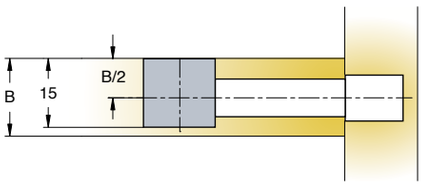
System 7
Heavy Duty Ø20mm
Cam and Dowel

- Dowel available with Ø10mm eurothread and cam available in Ø20mm for a variety of panel thicknesses
- 'Klix' locking feature provides strong, vibration proof joint
- High strength product that eliminates the need for time consuming metal inserts



Technical and mounting details

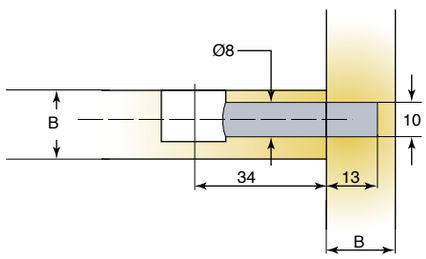
	B		
	Panel thickness	Item number	Zinc
Cam Ø20	18	**05409** →	885



500 Pcs

Made of zinc

Dowel Ø7 **Ø10 mm thread**	min 18	**05410** →	885

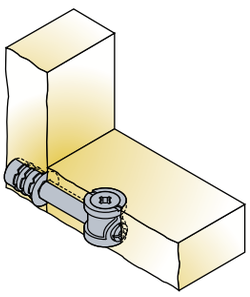


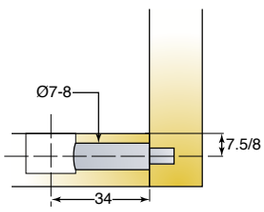
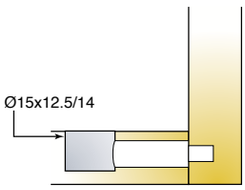
500 Pcs

Made of zinc

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			

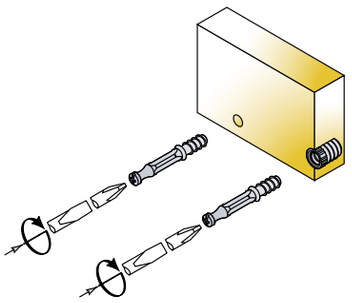
Inserts
Made of zinc

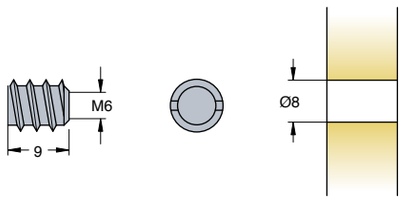
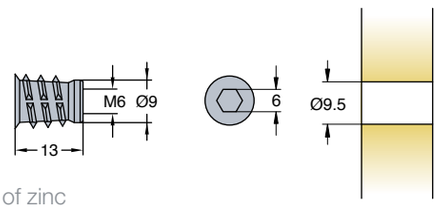
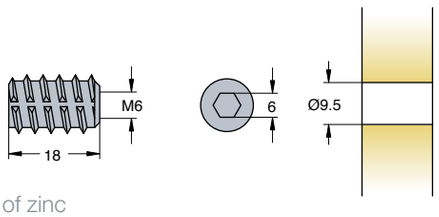
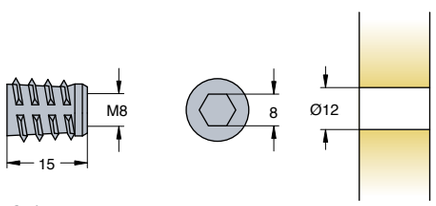
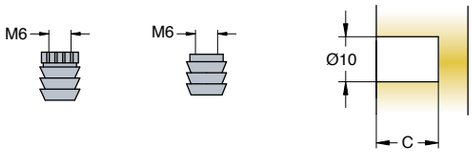
→ *see page 1.59*

Accessories for Connectors

Inserts

- Available in both zinc and plastic for use in various applications
- Suitable for use with various threaded dowels
- Suitable for use with various panel thicknesses
- Knock-in and screw-in versions available

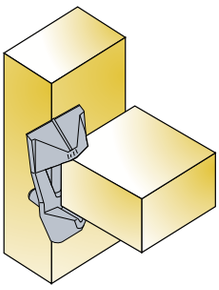


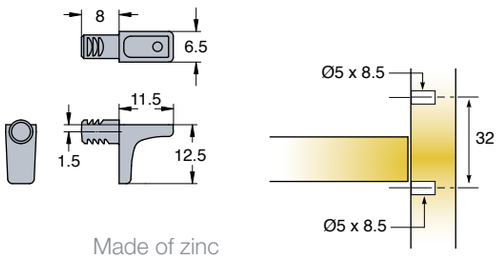
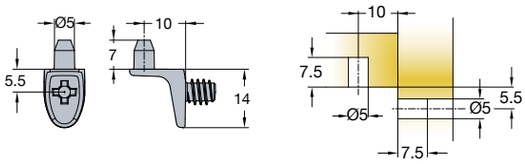
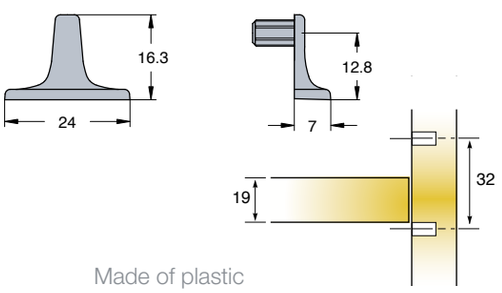
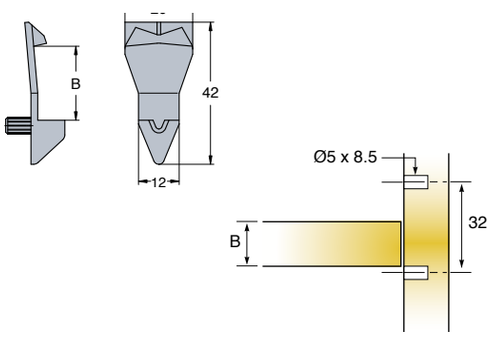
	Technical and mounting details	C Drilling length for insert	Item number	Natural white	Raw
Ø8 x 9			408-3166 →		600
500 Pcs	Made of zinc				
Ø9 x 13			408-3391 →		600
1000 Pcs	Made of zinc				
Ø9.5 x 18			408-3423 →		600
1000 Pcs	Made of zinc				
Ø12 x 15			408-3424 →		600
1000 Pcs	Made of zinc				
Ø10 x 13/M6 nut		13	275-4035 →	200	
20000 Pcs (275-4035) 30000 Pcs (275-4058)	Made of plastic	11	275-4058 →	200	

Cabinet Fittings

Shelf Supports

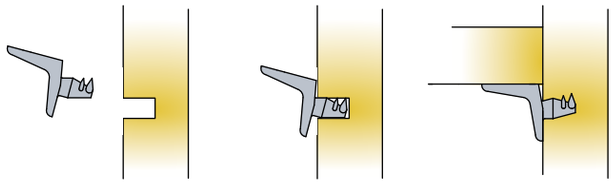
- Hold down feature traps the shelf in place for security
- Folding design allows the shelf to be post mounted in an assembled cabinet
- To suit a wide range of shelf thicknesses
- Pad for metal shelf support when using glass

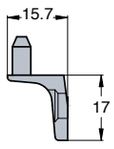
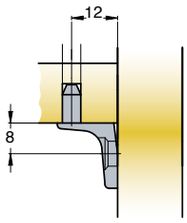
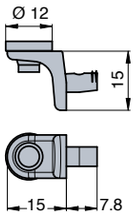
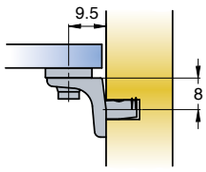
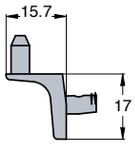
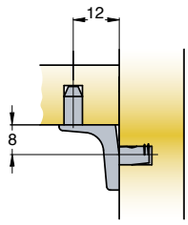
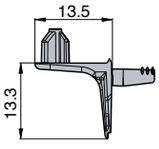
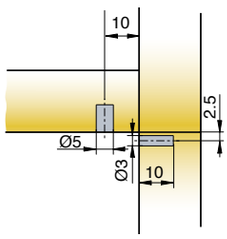


	Technical and mounting details	B	Item number	Clear	Nickel	Zinc	White	Silver
Shelf support (push-in)			01825 →		847	885		
2000 Pcs	Made of zinc							
Shelf support (push-in)			01852 →		847			
2000 Pcs	Made of zinc							
Shelf holddown (for use with 01825)			01822 →					861
12000 Pcs	Made of plastic							
Shelf support retainer		15	01837 →				877	
		16	01838 →	830				
		16	*01828 →				877	
		18	01823 →	830			877	861
		19	01829 →				877	
		19	01843 →	830				
4000 Pcs 5000 Pcs (01837)	Made of plastic		** American market only* *Other colours on request*					

Shelf Supports

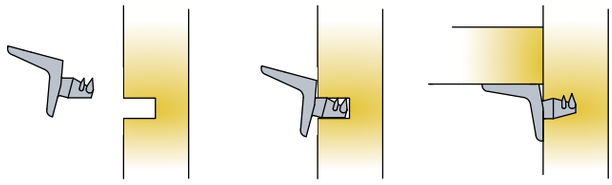
Mounting procedure:

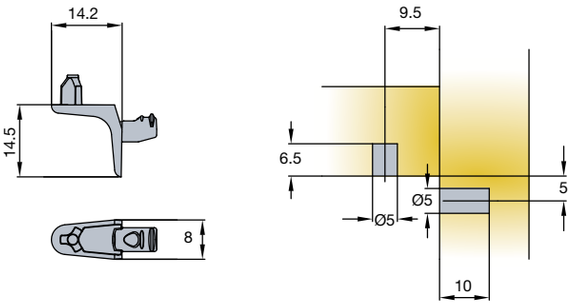
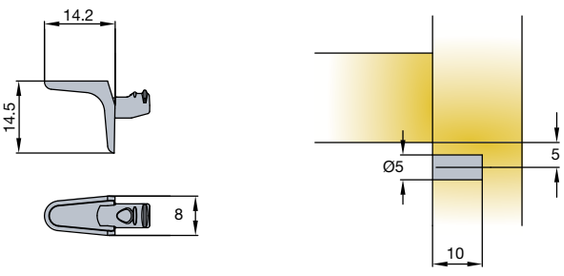
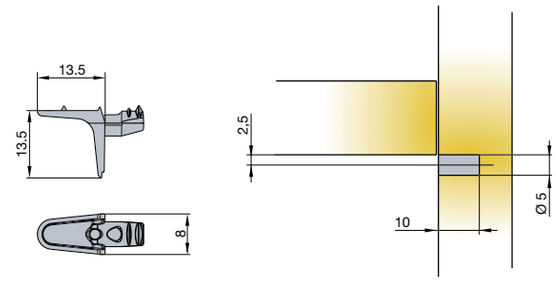


		Technical and mounting details	Item number	Nickel plated
Pin Ø5x10 (screw-on)		 	338-3687 →	650
1000 Pcs	Made of zinc			
For glass shelves (rock-in)		 	338-9721 →	860
1000 Pcs	Made of zinc and plastic			
Pin Ø5x10 (rock-in)		 	338-3686 →	650
1000 Pcs	Made of zinc			
Shelf support Ø3mm with pin		 	01912 →	847
2000 Pcs	Made of zinc			

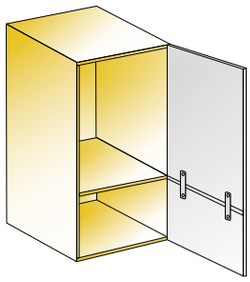
Shelf Supports

Mounting procedure:



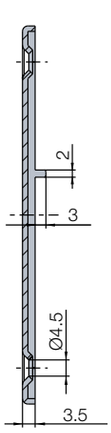
	Technical and mounting details	Item number	Nickel plated
Shelf support with pin		01910 →	847
2000 Pcs	Made of steel		
Shelf support		01911 →	847
2000 Pcs	Made of steel		
Shelf support with pin		01916 →	847
2000 Pcs	Made of steel		

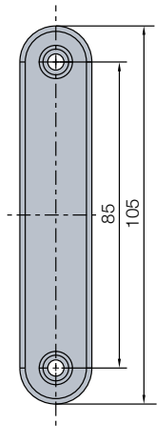
Joining Plates



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

	Technical details	Item number	Nickel plated
Joining plate 105mm		**360-1222** →	054

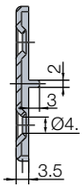


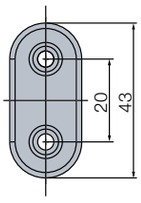


500 Pcs

Made of steel

Joining plate 43mm		**360-1230** →	054

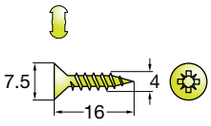




1000 Pcs

Made of steel

Fixing screw for cruciform mounting plate
If not pre-mounted

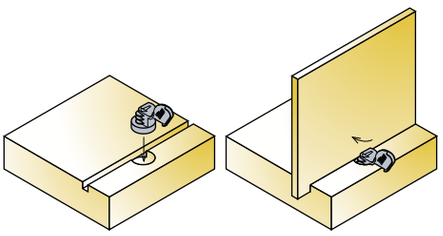


Chipboard screws
820-6328-050

10000 Pcs

No-Tools Backfix and Wall Connectors

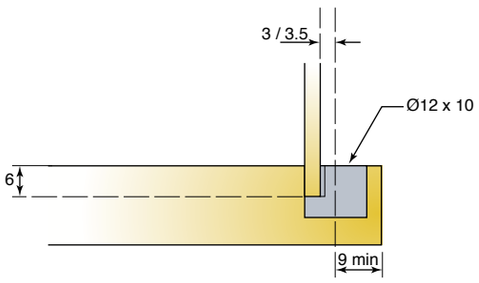
- Push Backfix into panel
- No tools required to lock the Backfix panels together
- The handle on Backfix acts as a stop during locking, providing greater accuracy and speed of insertion
- Barbs on the Backfix provide a quality fastener for rigid cabinet construction



Technical and mounting details

Item number	Nickel plated	Zinc	Corrosil
02154 →		885	897

Hardboard Backfix

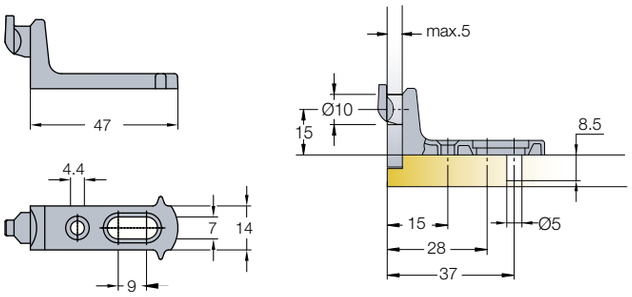


1000 Pcs

Made of zinc

Item number	Nickel plated	Zinc	Corrosil
353-3649 →	650		

Rear wall connector long

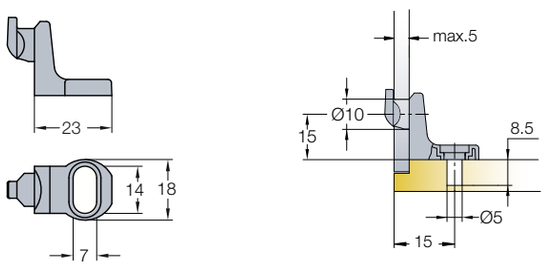


500 Pcs

Made of zinc

Item number	Nickel plated	Zinc	Corrosil
353-3650 →	650		

Rear wall connector short

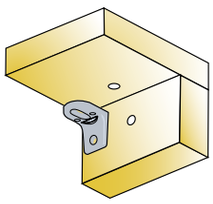


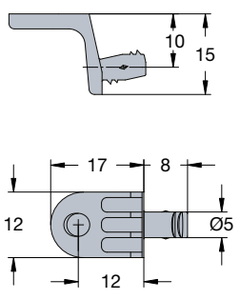
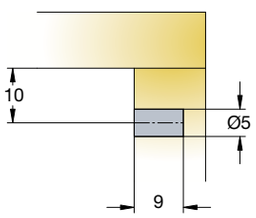
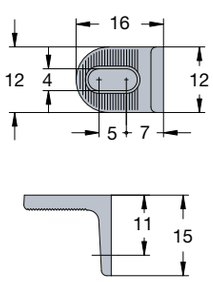
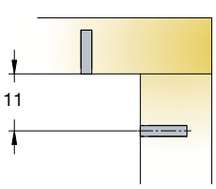
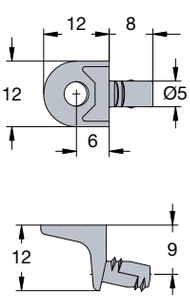
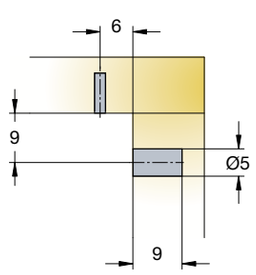
500 Pcs

Made of zinc

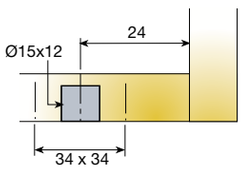
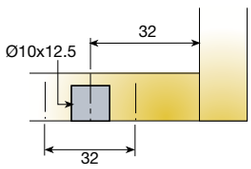
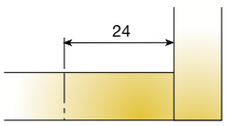
Panel Brackets

- To be used to fix face frames to carcases without additional drilling to cabinet
- Designed for carcase side panel of 18mm thickness
- Edge to hole centre = 28mm
- Easier fixing of frames due to parts that remain in holes once inserted

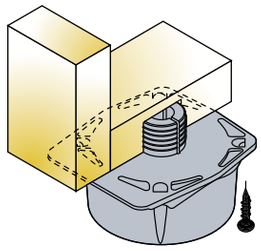


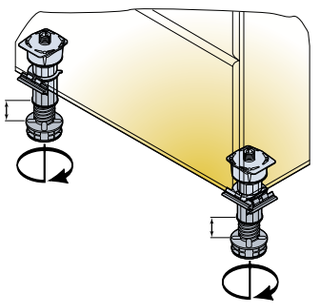
	Technical and mounting details	Item number	Nickel plated	Zinc
90° Bracket (screw-in/rock-in peg)	 	02111 →	847	885
1000 Pcs	Made of zinc			
90° Bracket (screw-in)	 	02110 →	847	885
1000 Pcs	Made of zinc			
Corner bracket (rock-in)	 	02133 →		885
1000 Pcs	Made of zinc			

Adjustable Cabinet Legs
Leg Top Fixes

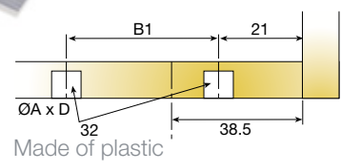
		Technical and mounting details		Item number	Black
Rivet fix			Regular	02560 →	835
			Heavy duty	*02630 →	835
				** American market only*	
					
200 Pcs	Made of plastic				
Socket fix (knock in)				02558 →	835
					
200 Pcs	Made of plastic				
Socket fix (screw on)				02559 →	835
					
200 Pcs	Made of plastic				

- Lip provides additional support to end panel and gives extra strength
- The side fix has twin dowel mounting for positive location
- Rivet fix design gives quick fastening of socket
- Choice of dowel or screw on sockets
- Invert second clip for corner plinth fixing





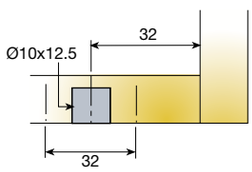
	Technical and mounting details	A Drilling diameter	D Drilling depth	B1 Drilling distance	Item number	Black
Leg top	(4 screws) screw on	3	6	64 x 64	**02575** ⟶	835
	(4 dowels + lip) dowel/lip	10	12.5	64 x 64	**02582** ⟶	835
	(4 screws + lip) screw/lip	3	6	64 x 64	**02579** ⟶	835
	2 dowels/2 screws	10/3	12.5/6	64 x 64	***02669** ⟶	835
	Screw on	3	6	64 x 64	***02671** ⟶	835
	Dowels	10	12.5	64 x 64	***02672** ⟶	835



100 Pcs — Made of plastic

** Asian market only*
When using leg top, you must use foot with 01373 clip ⟶ *see page 3. 8*

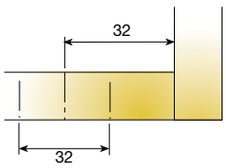
Rivet fix/skid					**02663** ⟶	835



200 Pcs — Made of plastic

Rivet fix/ no rivet					***02642** ⟶	835

** Asian market only*

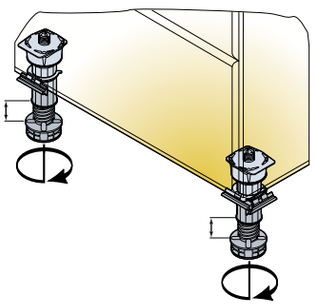


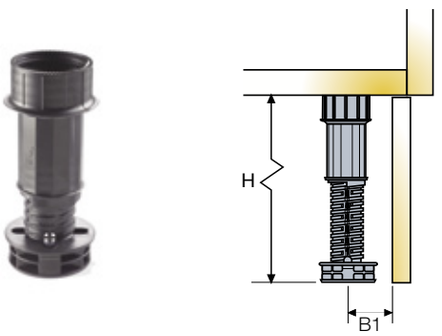
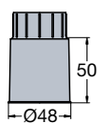
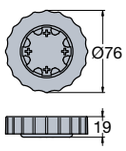
200 Pcs — Made of plastic

Adjustable Cabinet Leg Range

Adjustable Leg, Extension and Foot

- Legs are supplied assembled at a pre-set height
- Wide adjustment range to fit all common plinth heights
- Jacking point adjustment feature
- Simple push on design to sockets

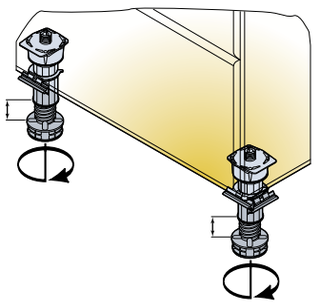


	Technical and mounting details		B1 Drilling distance	H Fitting height adjustment	Item number	Black
Adjustable leg			24	60-90	**02570** →	835
			24	92-152	**02549** →	835
			24	92.5-150	***02666** →	835
			24	92-150	***02648** →	835
			24	125-185	***02653** →	835
		Big foot	38	92-150	***02699** →	835
		Big foot	38	125-185	***02706** →	835
					** Asian market only*	
100 Pcs (02570) 200 Pcs	Made of plastic					
Leg extension					**02571** →	835
200 Pcs	Made of plastic					
Fixed foot					**02569** →	835
					***02574** →	835
					** American market only*	
200 Pcs	Made of plastic					

Adjustable Cabinet Leg Range

Plinth Clips and Fox 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
- When taking plinth around the corner, the fitting is reversible.

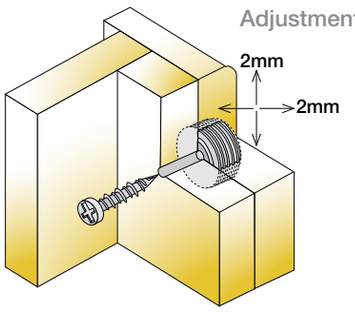


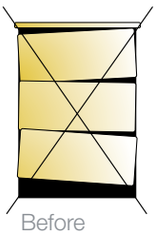
Technical and mounting details

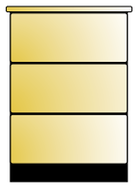
		Item number	Natural	Black
Fox clip		**01373** →	846	
1000 Pcs	Made of plastic			
Plinth clip 38 screw		**02578** →		835
		*02710 →		835
		** Asian market only*		
500 Pcs	Made of plastic			
Plinth clip 24 knock on		**02523** →		835
600 Pcs	Made of plastic			
Plinth clip 24 screw on		**02634** →		835
600 Pcs	Made of plastic			

Drawer Solutions
Drawer Front Adjuster (DFA)

- Multi-direction adjustment
- Locking screw to fasten
- Independent of drawer system
- One piece housing

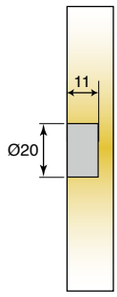



Before


After

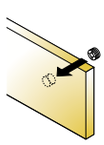
Technical and mounting details

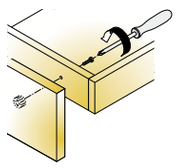
Item number	Dark brown	Black	Nickel	White
DFA housing				
06308 →	831			877

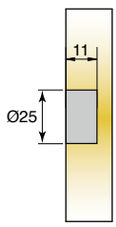


2500 Pcs Made of plastic

DFA housing				
***06310** →	831			877
***06309** →	831			877
***00033** →			847	





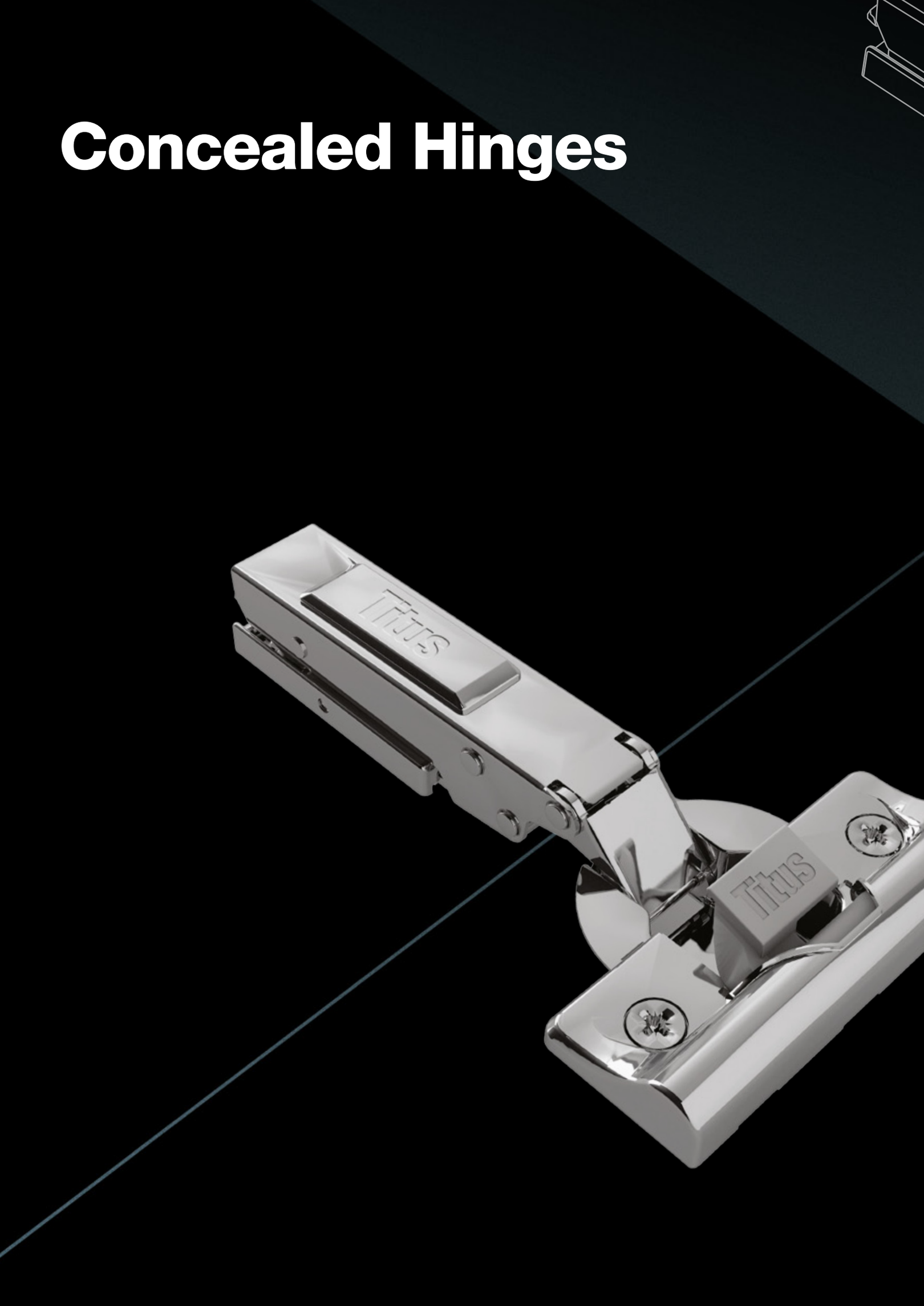


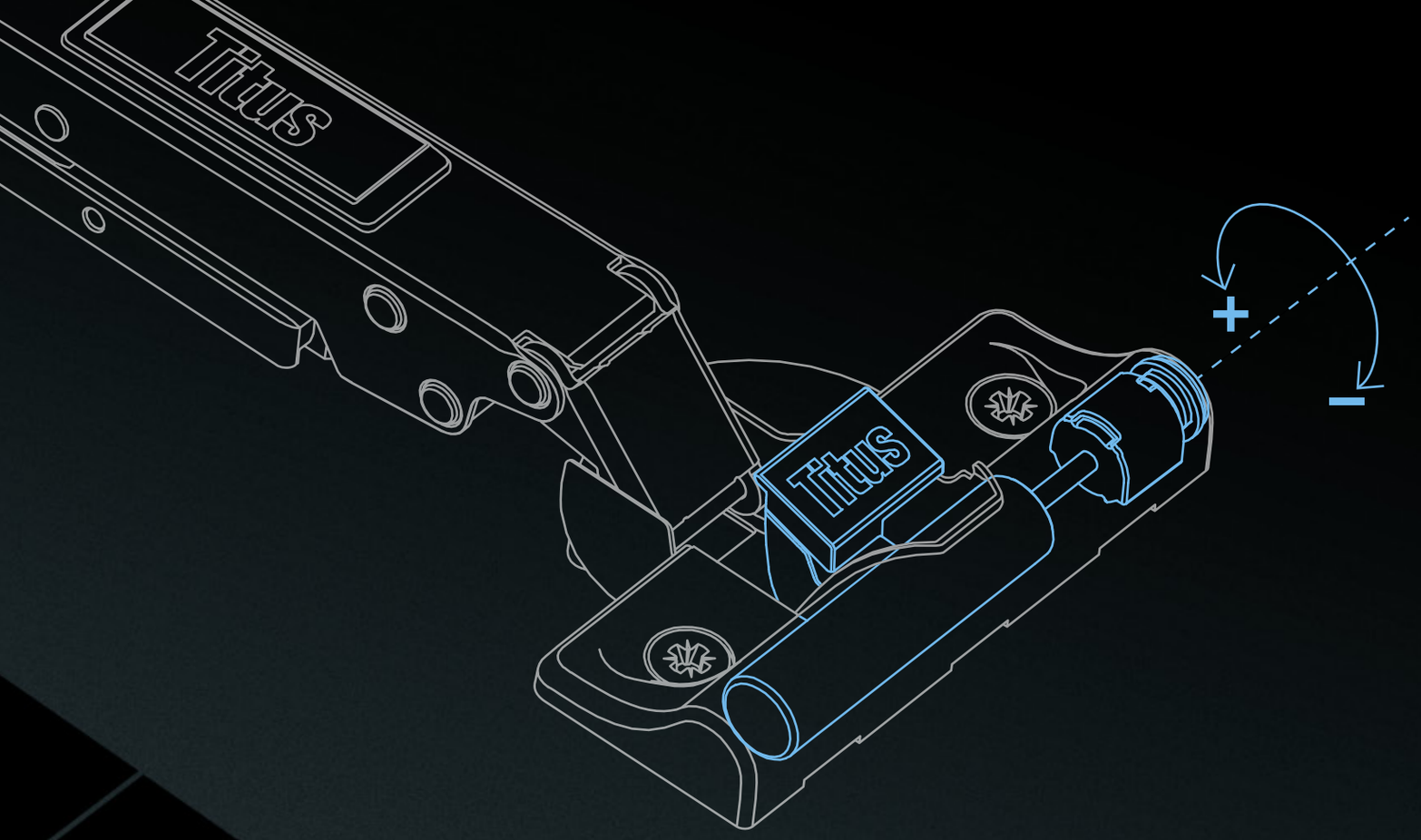
American market only
06309 does not include screw

2500 Pcs Made of zinc, plastic

Concealed Hinges

Concealed Hinges





ConfidentClose

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

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

Based on independent consumer researches.

One-for-All

- Damping on the hinge cup
- Damper, positioned transversal to the hinge allows for easy introduction of various hinge versions
- Damped and non-damped version on one mounting plate platform

Adjustable Damping

Flexibility to tune performance to wide range of applications

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

Titus Damper Inside

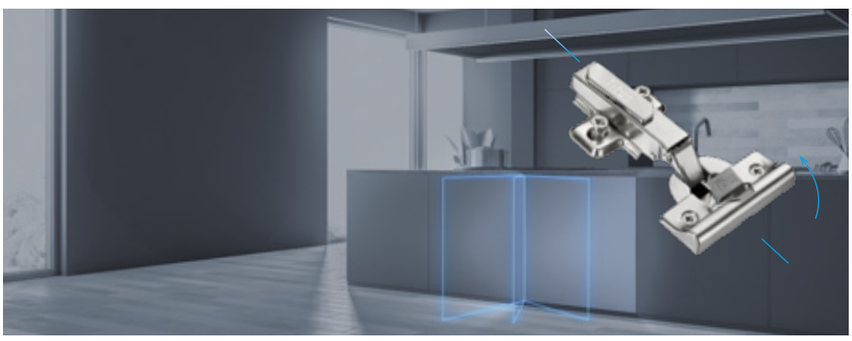
- Efficient damping at any closing speed
- Reliable closing
- Damping force consistency

Concealed Hinges
A Comprehensive Range

T-type hinge

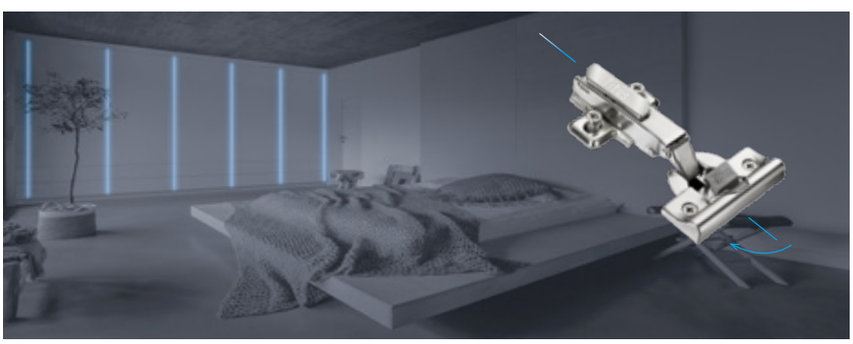
Titus hinge for quick furniture assembly and consistent performance on wide range of doors
3Way snap-on mounting
Highly tolerant
Adjustable damping
Shallow hinge cup
Touch opening for handleless furniture

S-type hinge



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

B-type hinge



Reliable slide-on mounting system
ConfidentClose
Reliable door closing

	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	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.27
	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	2.85
	110° 170°	16-24mm	0mm 9mm 15mm angled	3-5mm 3-12mm	slide-on	cruciform	0mm 1mm 2mm 3mm 4mm 5mm 6mm 9mm 18mm	Damping integrated in the hinge cup Glissando add-on or stand-alone damping solutions	2.133

Concealed Hinges
Product Guide

	Cranking	Opening angle	Cup type	Page
T-type				
T-type-i 110	0mm	110°	for wood door	2.29
	5mm	110°	for wood door	2.29
	9mm	110°	for wood door	2.31
	17mm	110°	for wood door	2.31
T-type-i 110/15°	15°, 9mm	110°	for wood door	2.33
T-type-i 110/30°	30°, 9mm	110°	for wood door	2.35
T-type-i 110/45°	45°, 9mm	110°	for wood door	2.37
	45°, 17mm	110°	for wood door	2.39
	45° , 23 mm	110°	for wood door	2.41
T-type-i 110/90° for blind corner	90°, 17mm	110°	for wood door	2.43
T-type-i 120	0mm	120°	for wood door	2.49
T-type-i 95	0mm	95°	for wood door	2.47
	5mm	95°	for wood door	2.47
	9mm	95°	for wood door	2.49
	17mm	95°	for wood door	2.49
T-type 110	0mm	110°	for wood door	2.51
	5mm	110°	for wood door	2.51
	9mm	110°	for wood door	2.53
	17mm	110°	for wood door	2.53
T-type 110/15°	15°, 9mm	110°	for wood door	2.55
T-type 110/30°	30°, 9mm	110°	for wood door	2.57
T-type 110/45°	45°, 9mm	110°	for wood door	2.59
	45°, 17mm	110°	for wood door	2.61
T-type 110/90° for blind corner	90 °, 17mm	110°	for wood door	2.63
T-type 120	0mm	120°	for wood door	2.33

	Cranking	Opening angle	Cup type	Page
T-type				
T-type 95	0mm	95°	for wood door	2.67
	5mm	95°	for wood door	2.67
	9mm	95°	for wood door	2.69
	17mm	95°	for wood door	2.69
T-type 110 PushOpen Hinge	0mm	110°	for wood door	2.71
	5mm	110°	for wood door	2.71
	9mm	110°	for wood door	2.73
T-type 170	0mm	170°	for wood door	2.75
	5mm	170°	for wood door	2.77
	9mm	170°	for wood door	2.77
T-type for pie-cut corner cabinet			for wood door	2.79
T-type mounting plates				2.81

	Cranking	Opening angle	Cup type	Page
S-type				
S-type-i3 110	0mm	110°	for wood door	2.87
	9mm	110°	for wood door	2.87
	15mm	110°	for wood door	2.87
S-type-i3 110/15°	15°, 9mm	110°	for wood door	2.89
S-type-i3 110/24°	24°, 9mm	110°	for wood door	2.91
S-type-i3 110/30°	30°, 9mm	110°	for wood door	2.93
S-type-i3 110/45°	45°, 9mm	110°	for wood door	2.95
	45°, 18mm	110°	for wood door	2.97
S-type-i3 110/90°	90°, 18mm	110°	for wood door	2.99
S-type 110	0mm	110°	for wood door	2.101
	9mm	110°	for wood door	2.101
	15mm	110°	for wood door	2.101
S-type 110/-15°	-15°, 9mm	110°	for wood door	2.103
S-type 110/15°	15°, 9mm	110°	for wood door	2.105
S-type 110/24°	24°, 9mm	110°	for wood door	2.107
S-type 110/30°	30°, 9mm	110°	for wood door	2.109
S-type 110/45°	45°, 9mm	110°	for wood door	2.111
	45°, 18mm	110°	for wood door	2.113
S-type 110/90°	90°, 18mm	110°	for wood door	2.115
S-type 110 AL	0mm	110°	for aluminium frame door	2.117
	9mm	110°	for aluminium frame door	2.117
	15mm	110°	for aluminium frame door	2.117
S-type 110 PushOpen Hinge	0mm	110°	for wood door	2.119

	Cranking	Opening angle	Cup type	Page
S-type				
S-type 170	0mm	170°	for wood door	2.121
	9mm	170°	for wood door	2.123
S-type for pie-cut corner cabinet			for wood door	2.125
S-type mounting plates				2.127

	Cranking	Opening angle	Cup type	Page
B-type				
B-type-i3 110	0mm	110°	for wood door	2.135
	9mm	110°	for wood door	2.135
	15mm	110°	for wood door	2.135
B-type-i3 110/30°	30°, 9mm	110°	for wood door	2.137
B-type-i3 110/45°	45°, 9mm	110°	for wood door	2.139
	45°, 18mm	110°	for wood door	2.141
B-type-i3 95°/90°	90°, 18mm	95°	for wood door	2.143
B-type 110	0mm	110°	for wood door	2.145
	9mm	110°	for wood door	2.145
	15mm	110°	for wood door	2.145
B-type 110/30°	30°, 9mm	95°	for wood door	2.147
B-type 110/45°	45°, 9mm	110°	for wood door	2.149
	45°, 18mm	110°	for wood door	2.151
B-type 110°/90°	90°, 0mm	110°	for wood door	2.153
	90°, 18mm	95°	for wood door	2.153
B-type 110 AL	0mm	110°	for aluminium frame door	2.155
	9mm	110°	for aluminium frame door	2.155
	15mm	110°	for aluminium frame door	2.155
B-type 110 AL (Glissando AL ready)	0mm	110°	for aluminium frame door	2.157
	9mm	110°	for aluminium frame door	2.157
	15mm	110°	for aluminium frame door	2.157
B-type 170	0mm	170°	for wood door	2.159
	9mm	170°	for wood door	2.161
B-type for pie-cut corner cabinet			for wood door	2.163
B-type flap door hinge	0mm	90°	for wood door	2.165
B-type mounting plates				2.167

	Opening angle	Cup type	Page
Other Hinges			
Wide angle hinge and mounting plate	270°	for wood door	2.171
Refrigerator cabinet door hinge	100°	for wood door	2.173
Accessories			
Hinge Angle Restrictor			2.175
Cover caps			2.177
Glissando Soft Closing Systems for Hinges			
Glissando TL3			2.189
Glissando TT			2.189
Glissando TL 170			2.191
Glissando AL			2.193
Glissando CR			2.195
PushOpen Solutions			
Push Latch			2.199
PushOpen Short			2.201
PushOpen Long			2.203

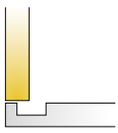
Concealed Hinges
Door Overlay

How to Achieve the Desired Door Overlay?

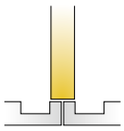
By choosing the hinge of appropriate cranking

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

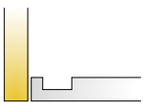
- Cabinet side
- Door



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



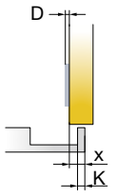
2. **Partial overlay for double doors**
   Use a hinge with 5mm or 9mm cranking



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.



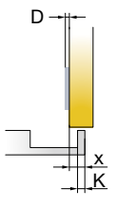
x	4	5	6	7	8	9
3	3	2	1	0		
K 4		3	2	1	0	
5			3	2	1	0 D

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.

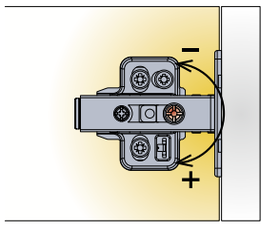


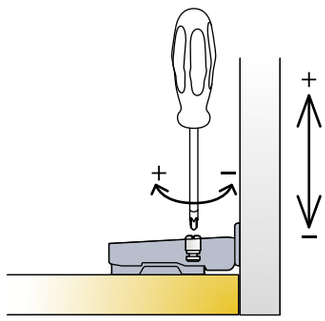
x	4	5	6	7	8	9
0				3	4	5
1			3	4	5	
D 2		3	4	5		
3	3	4	5			K

SAMPLE

Through side adjustment

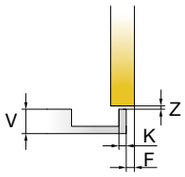
Side adjustment is made by rotating the appropriate screw on the hinge arm.





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

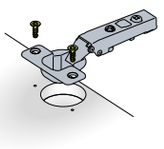
Concealed Hinges
Hinge Cup Types

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.

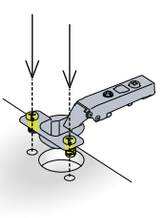
No pre-mounting

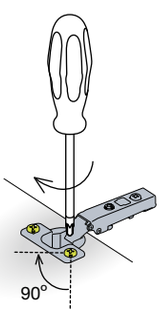
The hinge is fixed on the door with two screws.
3mm pilot holes recommended.

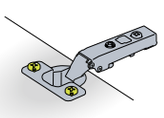


EasyFix

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

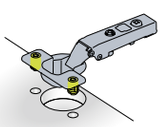






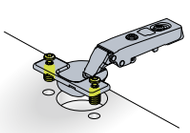
Machine insertion ready hinge cup

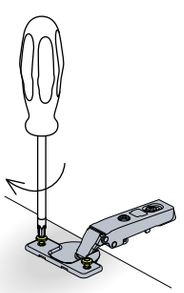
Pre-mounted dowels suitable for machine insertion into 8mm holes (interaxis 45/9.5) or 10mm holes (interaxis 48/6 and 52/5.5)



FastFix

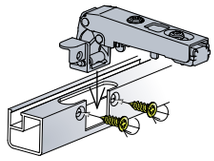
Pre-mounted expanding dowels with triple-start screw for fast fixing, suitable for 8mm holes.





Aluminium frame screw-on hinge cup

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



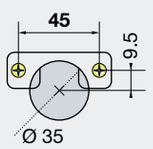
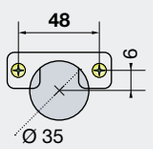
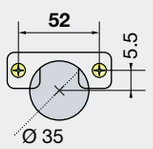
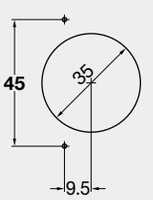
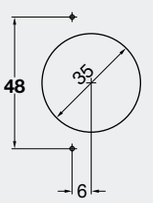
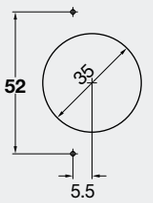
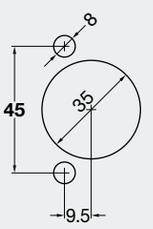
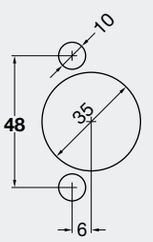
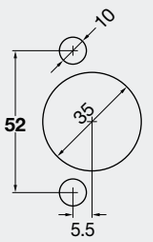
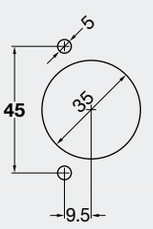
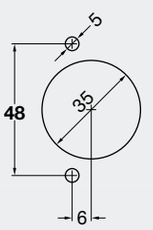
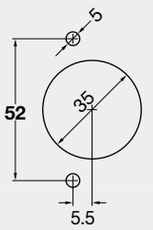
Concealed Hinges
Boring Details

Drilling Patterns for Hinge Cup

Interaxis
45mm, 48mm and 52mm*

- T-type
- S-type
- B-type

*Available on special request ⇢ see page 0.3

Hinge cup type	Interaxis 45mm  Drilling pattern	Interaxis 48mm  Drilling pattern	Interaxis 52mm*  Drilling pattern
Screw-on ready Pre-mounted Ø4.5mm screws			
Machine insertion ready FastFix EasyFix			
Pre-mounted euro screws			

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

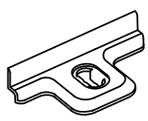
Concealed Hinges
Mounting Plate Type

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.

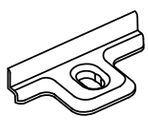
Chipboard screw-on ready

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.

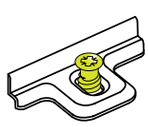


Machine insertion ready

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

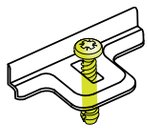
Pre-mounted euro screws

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



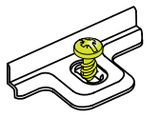
Pre-mounted expanding dowels

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



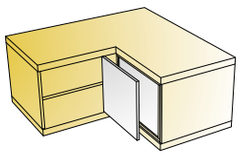
Pre-mounted Ø4.5mm screws

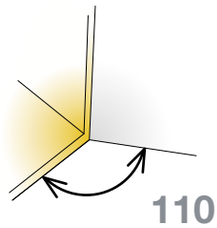
Mounting plate is fixed with two pre-mounted chipboard screws.
3mm pilot holes recommended.



T-type 110/90°

For wood door cabinets with blind panels



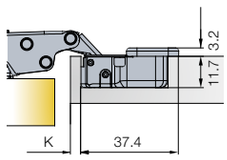


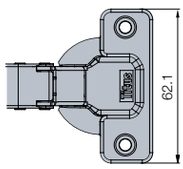
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

Technical details

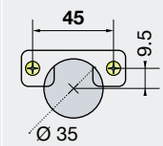
Cranking

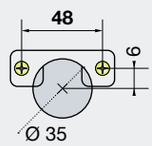
17mm





Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
	702-0A95-650	702-0A97-650
	702-0D35-650	702-0D37-650
EasyFix	702-0D29-650	702-0D31-650





Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

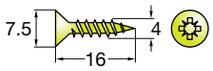
Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories

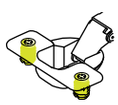
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

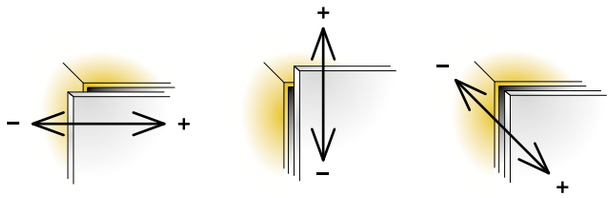
Screw-on ready
⇠ *screws*

Machine insertion ready



EasyFix system

Door adjustment



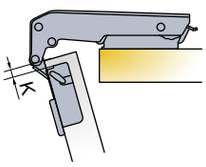
Side adjustment +3/-1mm

Height adjustment +2/-2mm

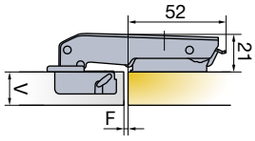
Depth adjustment +4/-1mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

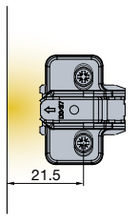


Drawing shows application on D=2mm mounting plate



Drawing shows application on D=2mm mounting plate

Mounting plate drilling distance



Soft closing system

Glissando TT

⇢ *see page 2.189*

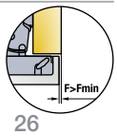
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

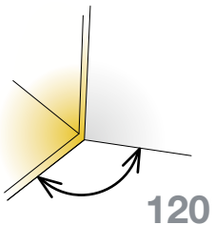


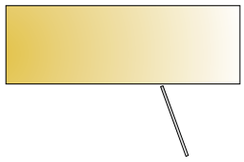
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

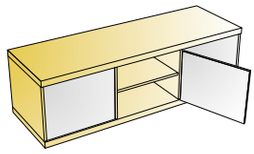
Gap Z_{MIN}=0

T-type 120

For wood doors



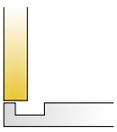




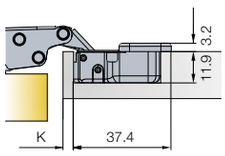
- Opening angle 120°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

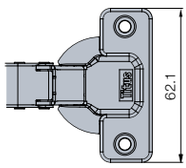
Cranking

0mm

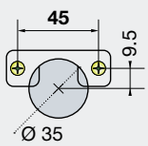


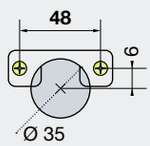
Technical details





Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
	702-0UK0-054	702-0UL0-054
	702-0UK1-054	702-0UL1-054
EasyFix	702-0UK4-054	702-0UL4-054





Drilling patterns for hinge cups ⇢ see page 2.17

150 Pcs Made of steel

Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

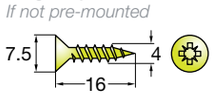
Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

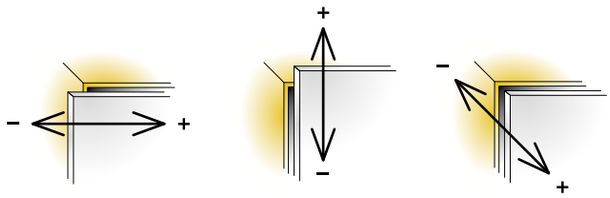
Legend of hinge cup symbols

Screw-on ready ⇠ *screws*

Machine insertion ready

EasyFix system

Door adjustment



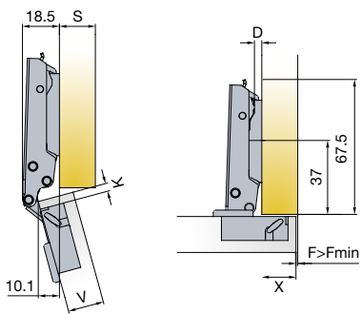
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

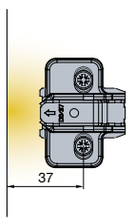
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

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

Soft closing systems

Glissando TT
⇢ *see page 2.189*

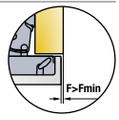
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

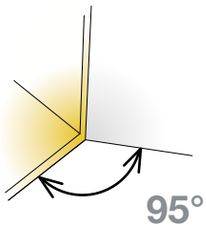


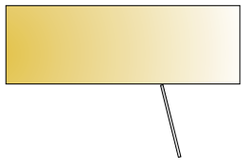
V		16	17	18	19	
K	3	1.1	0.4	0	0	
	4	2	1.4	0.7	0.1	
	5	3	2.3	1.6	1	F_{MIN}

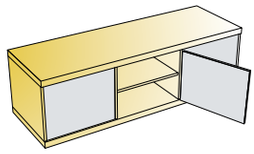
Gap Z_{MIN} =2

T-type 95
Thick Door Hinge

For wood doors



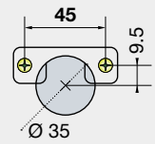


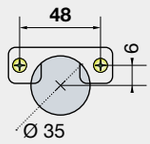


· Opening angle	95°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm
· Hinge on plate mounting system	3Way snap-on

Technical details

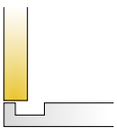
Cup type	Interaxis 45mm	Interaxis 48mm
	707-0XK0-054	707-0XL0-054
	707-0XK1-054	707-0XL1-054
EasyFix	707-0XK4-054	707-0XL4-054

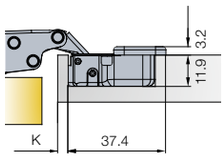


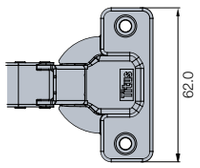


Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking
0mm





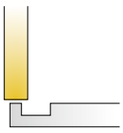


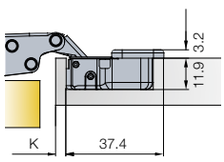
150 Pcs Made of steel

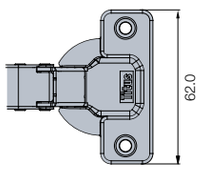
Cranking
5mm

Cup type	Interaxis 45mm	Interaxis 48mm
	707-0YK0-054	707-0YL0-054
	707-0YK1-054	707-0YL1-054
EasyFix	707-0YK4-054	707-0YL4-054

Drilling patterns for hinge cups ⇢ *see page 2.17*







150 Pcs Made of steel

Mounting plates

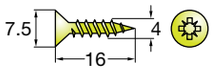
Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws
If not pre-mounted



820-6328-050
10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

Touch opening

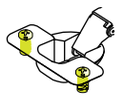
PushOpen Solutions
⇢ *see pages 2.199-2.204*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready

EasyFix system



Soft closing systems

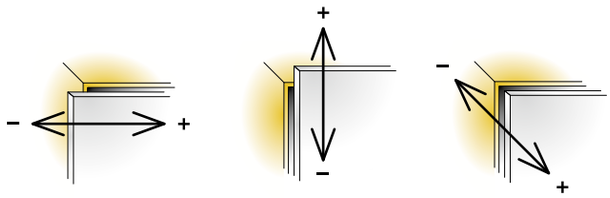
Glissando TT

⇢ *see page 2.189*

Glissando CR

⇢ *see page 2.195*

Door adjustment



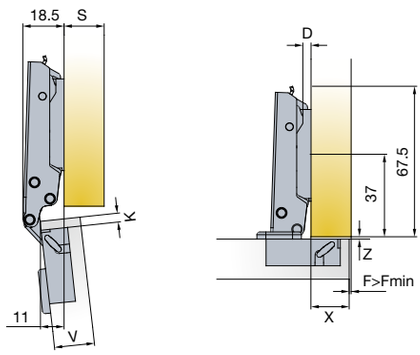
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

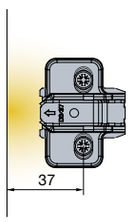
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

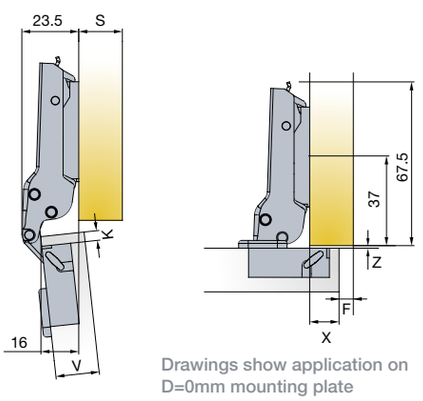


Mounting plate thickness table

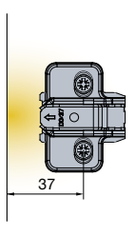
For further explanation ⇢ see page 2.13

	X	13	14	15	16	17	18	19	20	21	22	
	3	3	2	1	0							
	4	4	3	2	1	0						
	5		4	3	2	1	0					
K	6			4	3	2	1	0				
	7				4	3	2	1	0			
	8					4	3	2	1	0		
	9						4	3	2	1	0	D

D=13+K-X



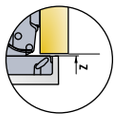
Drawings show application on D=0mm mounting plate



	X	8	9	10	11	12	13	14	15	16	17	
	3	3	2	1	0							
	4	4	3	2	1	0						
	5		4	3	2	1	0					
K	6			4	3	2	1	0				
	7				4	3	2	1	0			
	8					4	3	2	1	0		
	9						4	3	2	1	0	D

D=8+K-X

Gap Z



	V	20	22	24	26	28	30	32	34	
	3	0	0	0	0	0	0	0	0	
	4	0	0	0	0	0	0	0	0	
	5	0	0	0	0	0	0	0	0	
K	6	0	0	0	0	0	0	0	0	
	7	0	0	0	0	0	0	0	0	
	8	0	0	0	0	0	0	0	0	
	9	0	0	1.6	1.7	1.8	2.0	2.1	2.3	Z_{MIN}

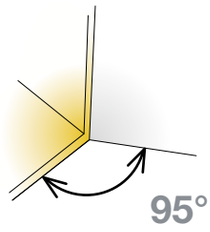
Door clearance at R=1mm

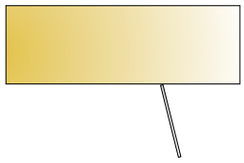
For further explanation ⇢ see page 2.14

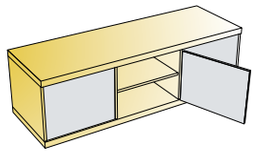
	V	20	22	24	26	28	30	32	34	
	3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8	
	4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1	
	5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5	
K	6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9	
	7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3	
	8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8	
	9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4	F_{MIN}

T-type 95
Thick Door Hinge

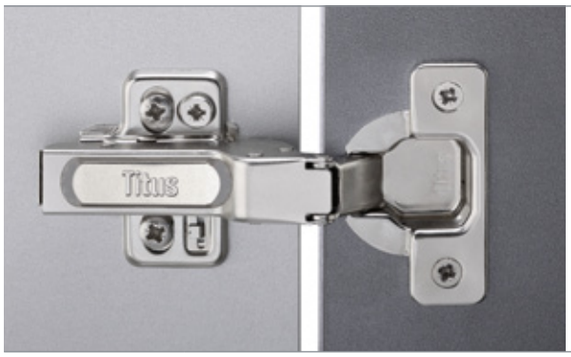
For wood doors





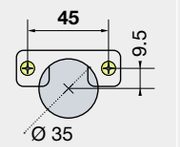


- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on



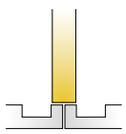
Technical details

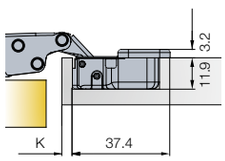
Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
	707-0ZK0-054	707-0ZL0-054
	707-0ZK1-054	707-0ZL1-054
EasyFix	707-0ZK4-054	707-0ZL4-054

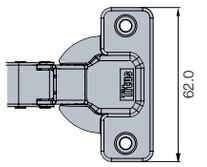


Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking
9mm

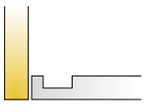


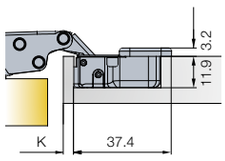


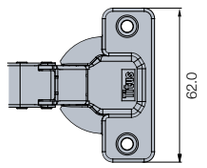


150 Pcs Made of steel

Cranking
17mm







Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
	707-0WK0-054	707-0WL0-054
	707-0WK1-054	707-0WL1-054
EasyFix	707-0WK4-054	707-0WL4-054

Drilling patterns for hinge cups ⇢ *see page 2.17*

150 Pcs Made of steel

Mounting plates

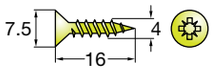
Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws
If not pre-mounted



820-6328-050
10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

Touch opening

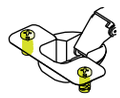
PushOpen Solutions
⇢ *see pages 2.199-2.204*

Legend of hinge cup symbols

Screw-on ready ⇠ *screws*

Machine insertion ready

EasyFix system



Soft closing systems

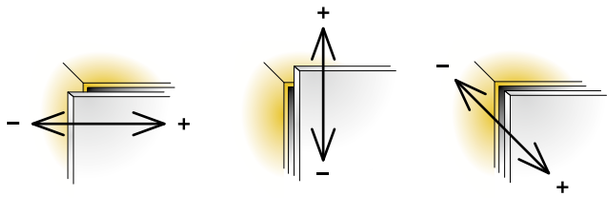
Glissando TT

⇢ *see page 2.189*

Glissando CR

⇢ *see page 2.195*

Door adjustment



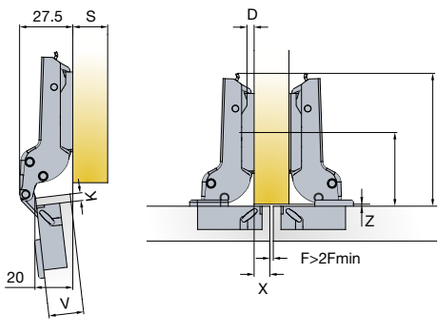
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

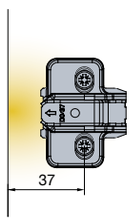
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

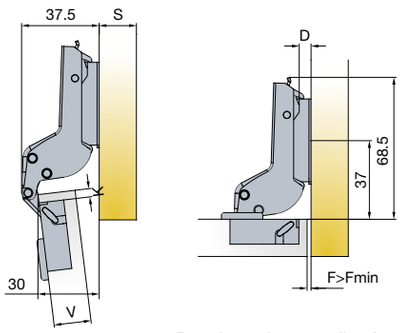


Mounting plate thickness table

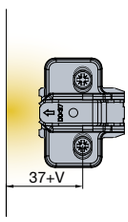
For further explanation ⇢ see page 2.13

K \ X	4	5	6	7	8	9	10	11	12	13	
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			
8					4	3	2	1	0		
9						4	3	2	1	0	D

D=4+K-X



Drawings show application on D=2mm mounting plate

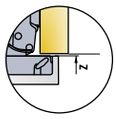


K \ V	20	22	24	26	28	30	32	
3	0	0	1	1	2	3	4*	
4	1	1	2	2	3	4	4*	
5	2	2	3	3	4	4	4*	
6	3	3	4	4	4*	4*		
7	4	4	4*	4*	4*	4*		D

D=-4+K+F

*Hinge adjustment needed

Gap Z



K \ V	20	22	24	26	28	30	32	34	
3	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	
9	0	0	1.6	1.7	1.8	2.0	2.1	2.3	Z_{MIN}

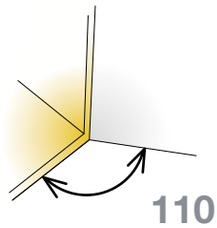
Door clearance at R=1mm

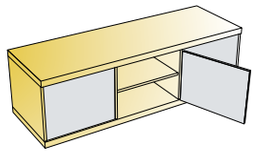
For further explanation ⇢ see page 2.14

K \ V	20	22	24	26	28	30	32	34	
3	0.6	0.9	1.3	1.7	2.2	4.0	5.9	7.8	
4	0.6	0.9	1.2	1.7	2.2	3.4	5.2	7.1	
5	0.6	0.9	1.2	1.6	2.1	2.9	4.6	6.5	
6	0.6	0.9	1.2	1.5	2.1	2.6	4.1	5.9	
7	0.6	0.9	1.2	1.5	2.1	2.6	3.6	5.3	
8	0.6	0.8	1.2	1.5	2.0	2.5	3.2	4.8	
9	0.6	0.8	1.2	1.5	2.0	2.5	3.1	4.4	F_{MIN}

T-type 110
Unsprung Hinge

For wood doors





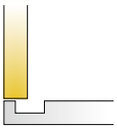
· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	12mm
· Hinge on plate mounting system	3Way snap-on

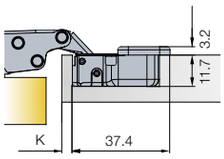
Technical details

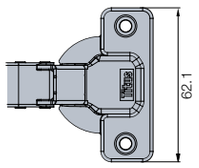
Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	704-0593-054	704-0672-054
EasyFix		704-0553-054

Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking
0mm

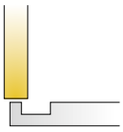


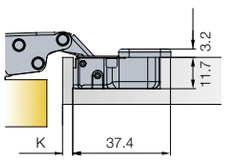


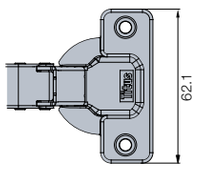


150 Pcs Made of steel

Cranking
5mm







Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	704-0661-054	704-0673-054
EasyFix		704-0604-054

Drilling patterns for hinge cups ⇢ *see page 2.17*

150 Pcs Made of steel

Mounting plates

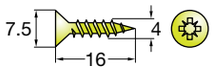
Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws
If not pre-mounted



820-6328-050

10000 Pcs

Accessories

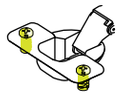
Cover caps for hinge arm
⇢ *see pages 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

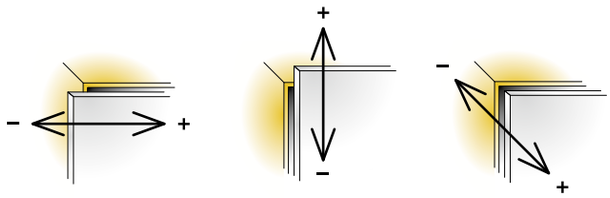
EasyFix system



· Concealed hinge without spring for use with PushOpen mechanisms with magnet

⇢ see pages 2.199-2.204

Door adjustment



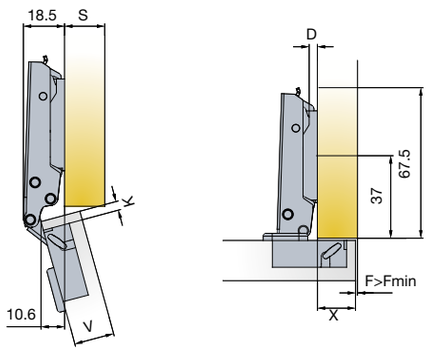
Side adjustment +3/-1mm

Height adjustment +2/-2mm

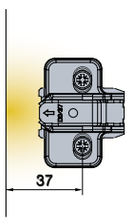
Depth adjustment +4/-1mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

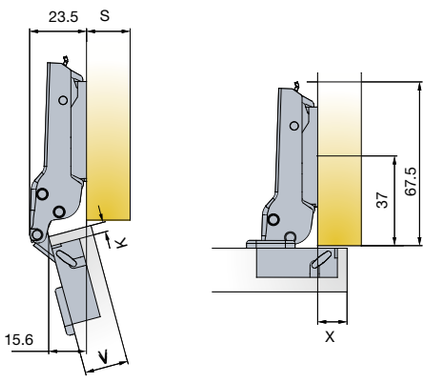


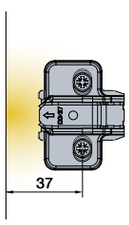
Mounting plate thickness table

For further explanation ⇢ see page 2.13

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





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

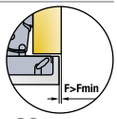
Touch opening

PushOpen Solutions

⇢ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

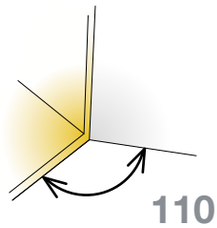


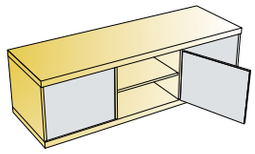
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

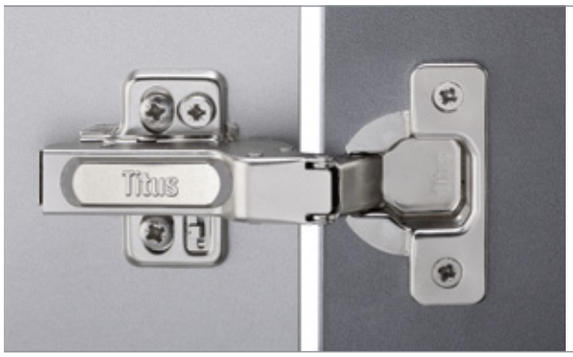
T-type 110
Unsprung Hinge

For wood doors



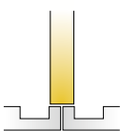


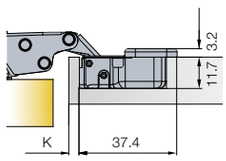
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

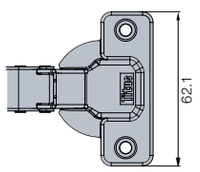


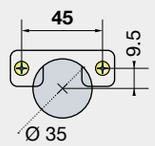
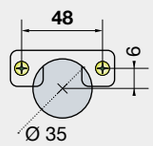
Technical details

Cranking
9mm







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

Drilling patterns for hinge cups ⇢ *see page 2.17*

150 Pcs Made of steel

Mounting plates

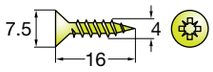
Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws
If not pre-mounted



820-6328-050
10000 Pcs

Accessories

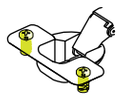
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

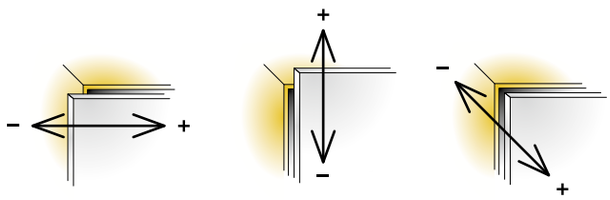
EasyFix system



· Concealed hinge without spring for use with PushOpen mechanisms with magnet

⇢ *see pages 2.199-2.204*

Door adjustment



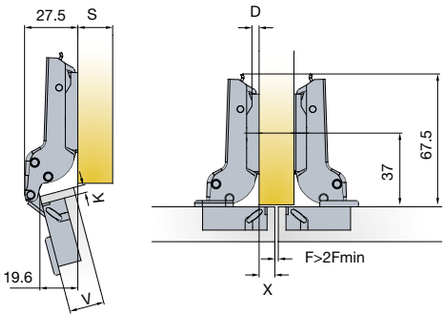
Side adjustment +3/-1mm

Height adjustment +2/-2mm

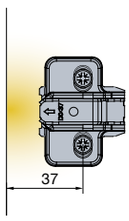
Depth adjustment +4/-1mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

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

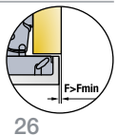
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

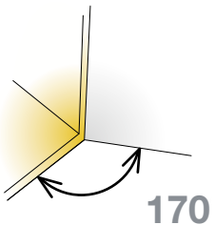


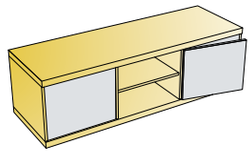
V		16	17	18	19	20	21	22	23	24	25	26	
K	3	0.5	0.7	0.8	1	1.2	1.5	1.7	2.1	2.8	4.1	5.5	
	4	0.4	0.7	0.8	1	1.2	1.5	1.7	2.1	2.3	3.1	4.5	
	5	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	3.5	
	6	0.4	0.6	0.7	0.9	1.1	1.4	1.6	2	2.2	2.6	2.9	F_{MIN}

Gap Z_{MIN}=0

T-type 170

For wood doors



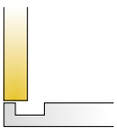


- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

Technical details

Cranking

0mm



Cup type	Interaxis 45mm	Interaxis 48mm
	45 / 9.5 / Ø 35	48 / 6 / Ø 35
	Item number	Item number
	702-0EK0-054	702-0EL0-054
	702-0EK1-054	702-0EL1-054
EasyFix	702-0EK4-054	702-0EL4-054

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs

Made of steel and zinc

Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

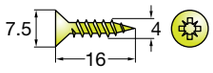
Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories

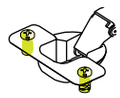
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

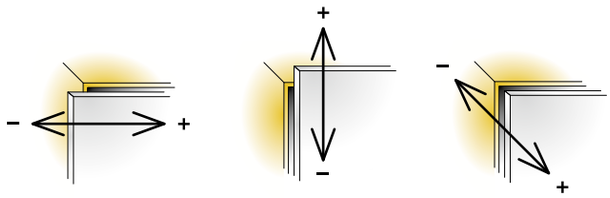
Screw-on ready ⇠ *screws*

Machine insertion ready

EasyFix system



Door adjustment



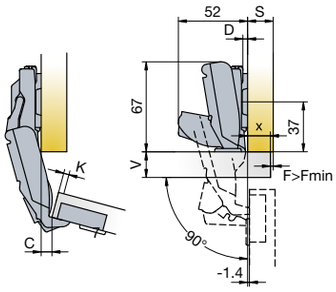
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

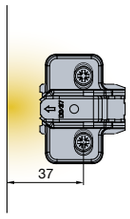
For further explanation ⇢ see pages 2.22-2.24

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 2.13

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

Soft closing systems

Glissando TL 170
⇢ *see page 2.191*

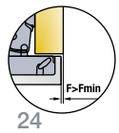
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

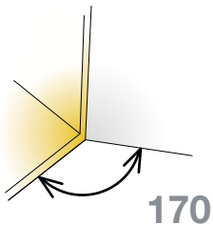


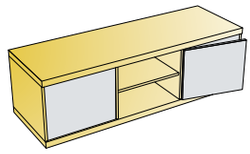
V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

T-type 170

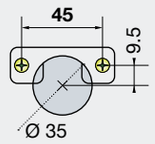
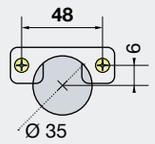
For wood doors



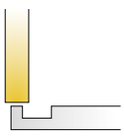


- Opening angle 165°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system 3Way snap-on

Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number

Cranking 5mm

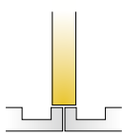


	702-0FK0-054	702-0FL0-054
	702-0FK1-054	702-0FL1-054
EasyFix	702-0FK4-054	702-0FL4-054

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs Made of steel and zinc

Cranking 9mm



	702-0GK0-054	702-0GL0-054
	702-0GK1-054	702-0GL1-054
EasyFix	702-0GK4-054	702-0GL4-054

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs Made of steel and zinc

Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

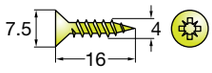
Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Face frame adapter plate
⇢ *see page 2.83*

Hinge cup screws

If not pre-mounted



820-6328-050

10000 Pcs

Accessories

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Hinge angle restrictor
⇢ *see page 2.175*

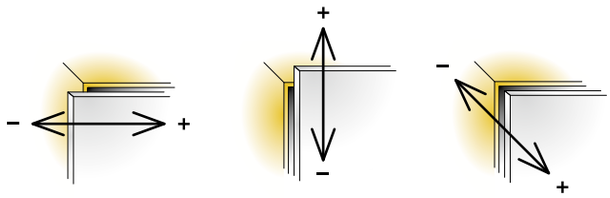
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready

EasyFix system

Door adjustment



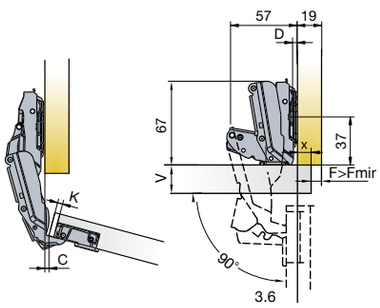
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +4/-1mm

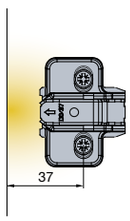
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

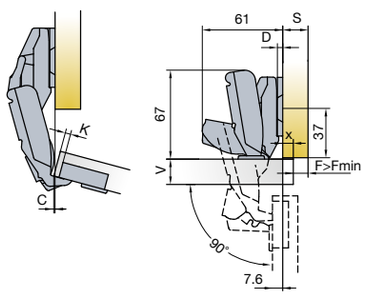


Mounting plate thickness table

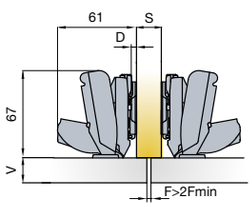
For further explanation ⇢ see page 2.13

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

Soft closing systems

Glissando TL 170
⇢ *see page 2.191*

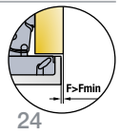
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance at R=1mm

For further explanation ⇢ see page 2.14

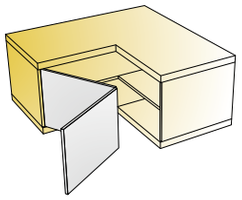


V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

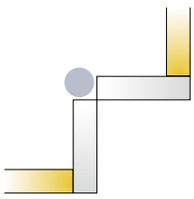
T-type
for Pie-cut Corner Cabinet

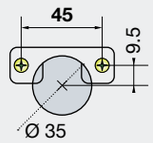
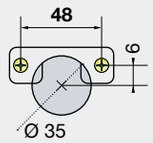
For wood doors



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

Corner cabinet



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number 721-0PK0-650	Item number 721-0PL0-650
EasyFix	721-0PK4-650	721-0PL4-650

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of zinc, arm made of steel

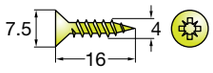
Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.81*

Cruciform mounting plate
⇢ *see page 2.83*

Cam adjustable linear mounting plate
⇢ *see page 2.81*

Hinge cup screws
If not pre-mounted



820-6328-050

10000 Pcs

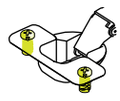
Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

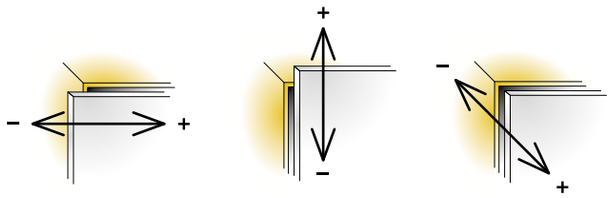
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

EasyFix



Door adjustment



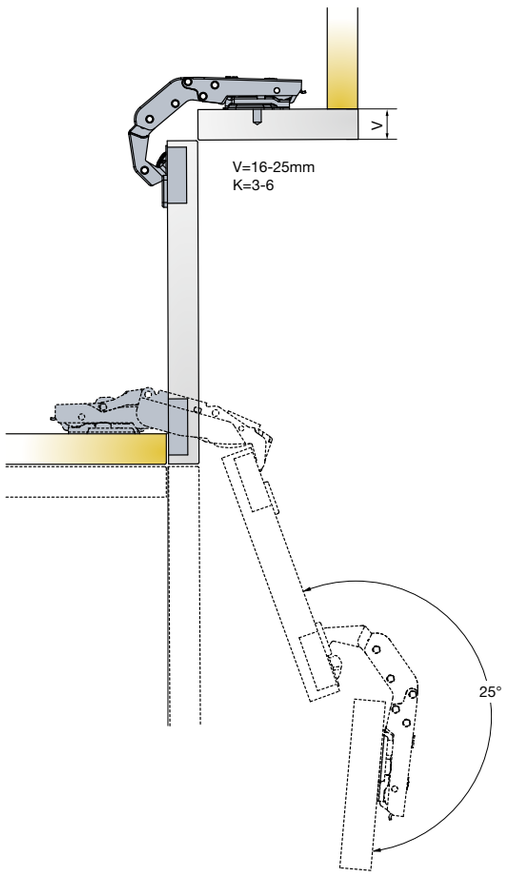
Side adjustment +2.5/-2.5mm

Height adjustment +2/-2mm

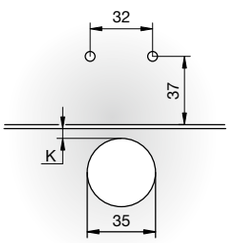
Depth adjustment +3/-1mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

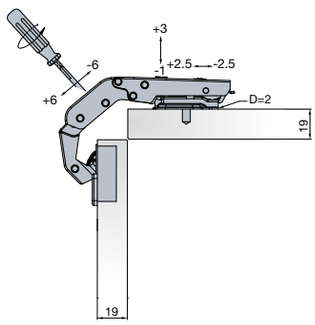


Mounting plate drilling distance

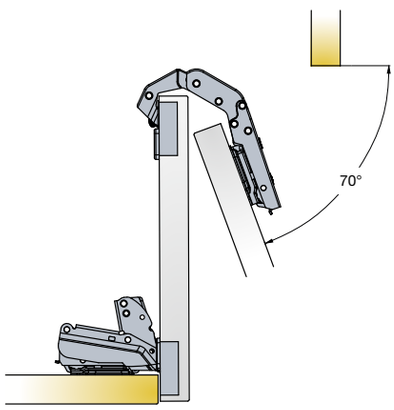


Any T-type mounting plate can be used

Adjustments



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



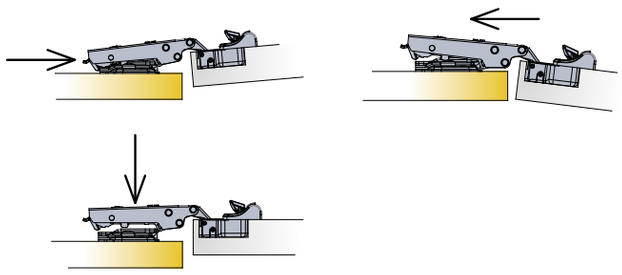
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

T-type
Mounting Plates

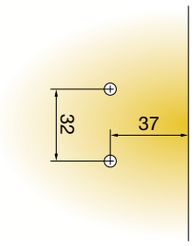
3Way snap-on mounting

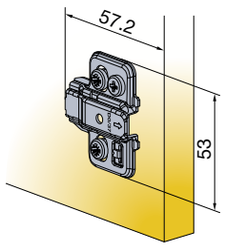


Drilling pattern

Dimensions

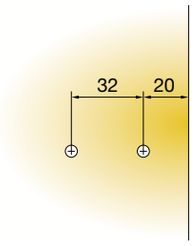
Cam adjustable cruciform mounting plate 37mm

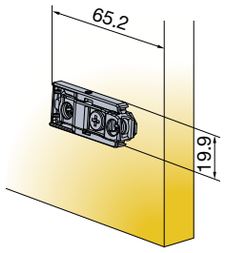




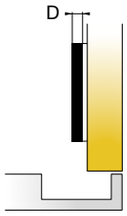
150 Pcs Made of steel

Cam adjustable linear mounting plate

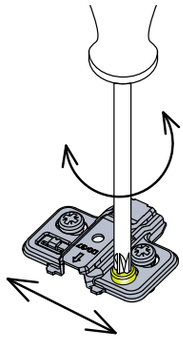




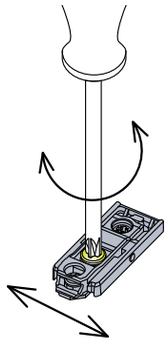
150 Pcs Made of steel and zinc



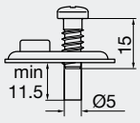
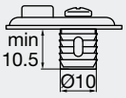
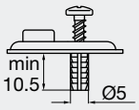
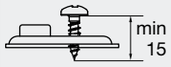
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type	15		10.5	15
Mounting plate thickness (D)	 Item number	 Item number	 Item number	no pre-drilling required  Item number
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2mm	700-0KC2-054	700-0KB2-054	700-0KF2-054	700-0KA2-054
3mm	700-0KC3-054	700-0KB3-054	700-0KF3-054	700-0KA3-054
4mm	700-0KC4-054	700-0KB4-054	700-0KF4-054	700-0KA4-054

0mm	700-0LC0-650	700-0LB0-650	700-0LF0-650
2mm	700-0LC2-650	700-0LB2-650	700-0LF2-650
3mm	700-0LC3-650	700-0LB3-650	700-0LF3-650

Legend of mounting plate type symbols

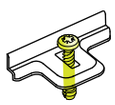
15

Pre-mounted 15mm euro screws

Machine insertion ready

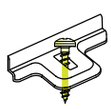
10.5

Pre-mounted 10.5mm expanding dowels



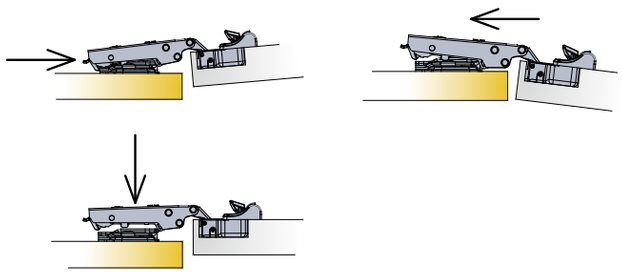
15

Pre-mounted chipboard screw



T-type
Mounting Plates

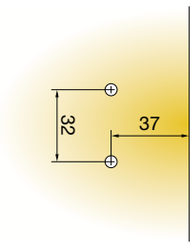
3Way snap-on mounting

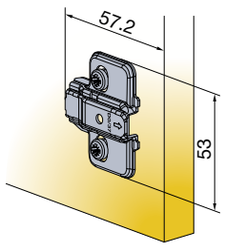


Drilling pattern

Dimensions

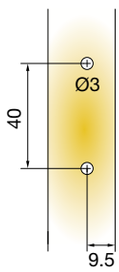
Cruciform mounting plate 37mm

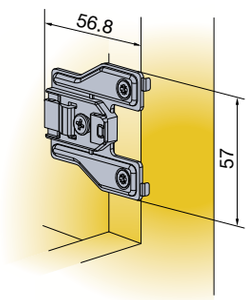




150 Pcs Made of steel

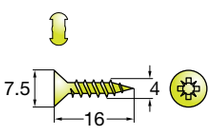
Cam adjustable
face frame mounting plate





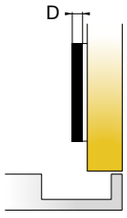
150 Pcs Made of steel and zinc

Fixing screw for cruciform mounting plate
If not pre-mounted

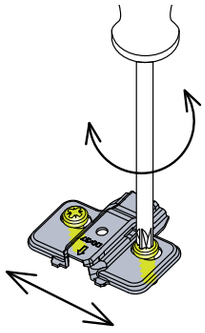


Chipboard screws
820-6328-050

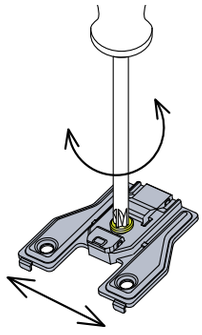
10000 Pcs



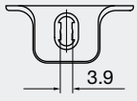
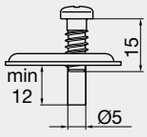
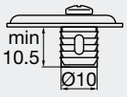
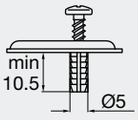
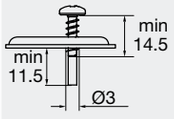
Mounting plate thickness



Height adjustment +2/-2mm



Height adjustment +2/-2mm

Mounting plate type		15		10.5	14.5	
Mounting plate thickness (D)						
	Item number	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	
1mm	700-0NA1-054	700-0NC1-054	700-0NB1-054	700-0NF1-054	700-0NE1-054	
2mm	700-0NA2-054	700-0NC2-054	700-0NB2-054	700-0NF2-054	700-0NE2-054	
3mm	700-0NA3-054	700-0NC3-054	700-0NB3-054	700-0NF3-054	700-0NE3-054	
4mm	700-0NA4-054	700-0NC4-054	700-0NB4-054	700-0NF4-054	700-0NE4-054	
0mm						700-0KW0-054
3mm						700-0KW3-054

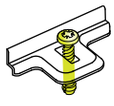
Legend of mounting plate type symbols

Screw-on ready for chipboard screws ⟵ *screws*

Pre-mounted 15mm euro screws

Machine insertion ready

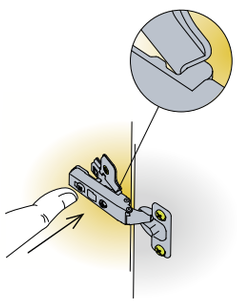
Pre-mounted 10.5mm expanding dowels



Pre-mounted chipboard screw

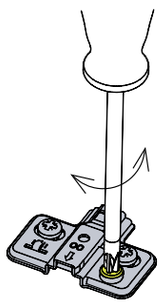
Pre-mounted chipboard screw

S-type Hinges



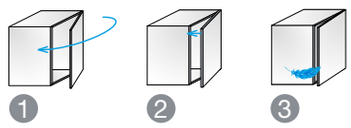
Snap-on mounting system

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



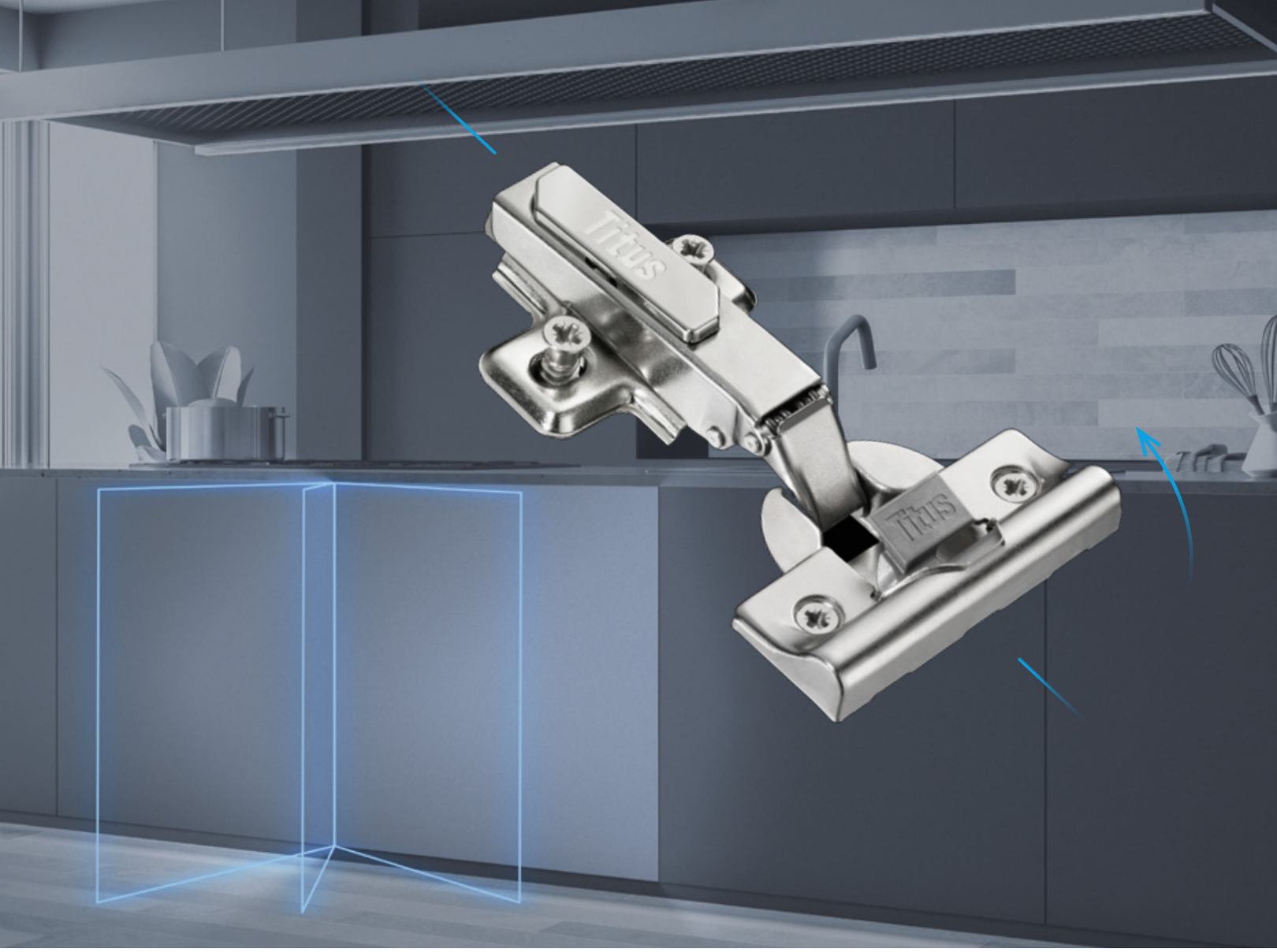
Easily accesible height adjustment with cam

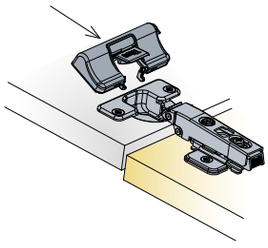
- Intuitive and quick height adjustment
- Consumer friendly

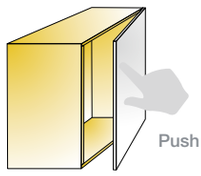


ConfidentClose

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







Soft closing options

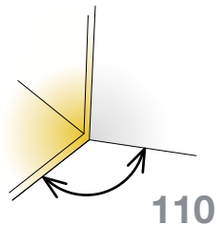
· Hinge integrated
· Add-on with Glissando ready hinge cup
· Stand-alone

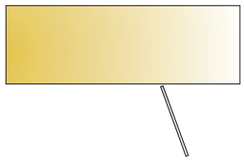
Touch opening

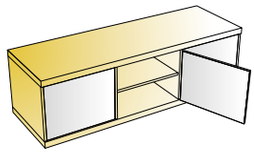
· Guarantees effortless opening
· Elegant cabinet design
· Doors without handles

S-type-i3 110

For wood doors





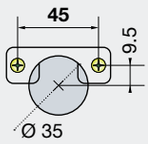


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	snap-on

Technical details

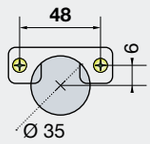
Cup type

Interaxis 45mm



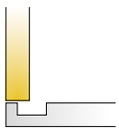
Item number

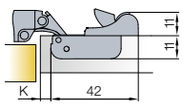
Interaxis 48mm

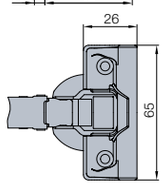


Item number

Cranking 0mm







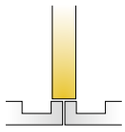
200 Pcs

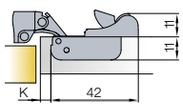
Made of steel and plastic

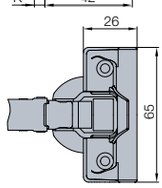
Cup type	Interaxis 45mm	Interaxis 48mm
●	242-0970-054	242-0971-054

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 9mm







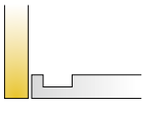
200 Pcs

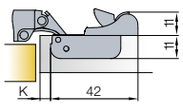
Made of steel and plastic

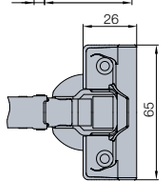
Cup type	Interaxis 45mm	Interaxis 48mm
●	242-0976-054	242-0977-054

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 15mm







200 Pcs

Made of steel and plastic

Cup type	Interaxis 45mm	Interaxis 48mm
●	242-0997-054	242-0998-054

Drilling patterns for hinge cups ⇢ see page 2.17

Mounting plates

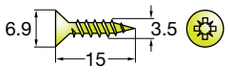
Cam adjustable cruciform mounting plate
⇢ see page 2.127

Cruciform mounting plate
⇢ see page 2.129

Face frame adapter
⇢ see page 2.131

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

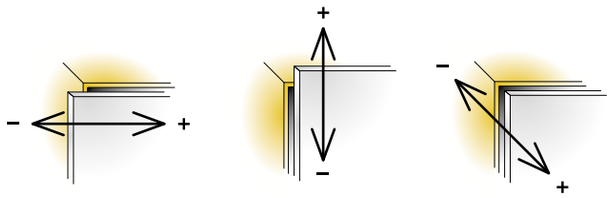
Cover caps for hinge arm
⇢ see page 2.177

Hinge angle restrictor
⇢ see page 2.175

Legend of hinge cup symbols

● Screw-on ready
⇠ screws

Door adjustment



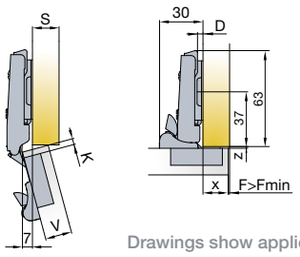
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

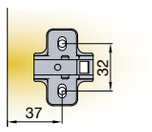
For further explanation ⇢ see pages2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

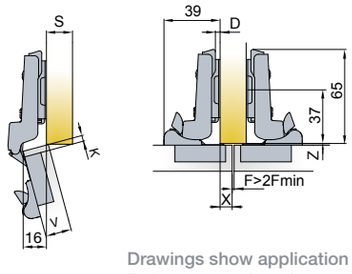


Mounting plate thickness table

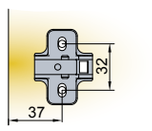
For further explanation ⇢ see page 2.13

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

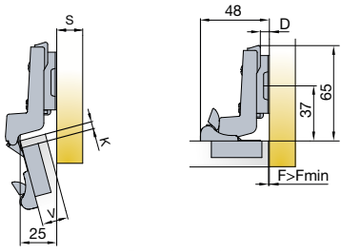


Drawings show application on D=0mm mounting plate

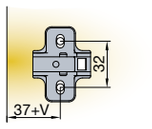


X		4	5	6	7	8	9	
K	3	3	2	1	0			
	4		3	2	1	0		
	5			3	2	1	0	D

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

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

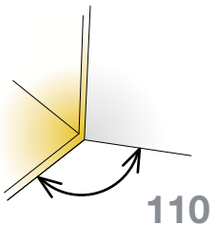
For further explanation ⇢ see page 2.14

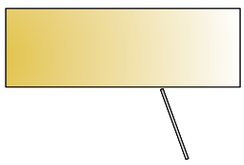
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

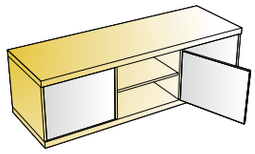
Gap Z_{MIN}=0

S-type-i3 110/15°

For wood doors

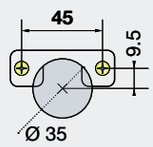
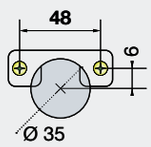






· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	snap-on

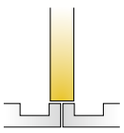
Technical details

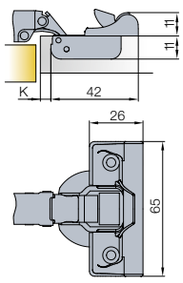
Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
●	242-0W71-650	242-0W72-650

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking

9mm





200 Pcs

Made of steel and plastic

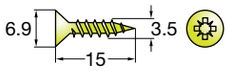
Mounting plates

Cam adjustable cruciform mounting plate
⇢ see page 2.127

Cruciform mounting plate
⇢ see page 2.129

Face frame adapter
⇢ see page 2.131

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

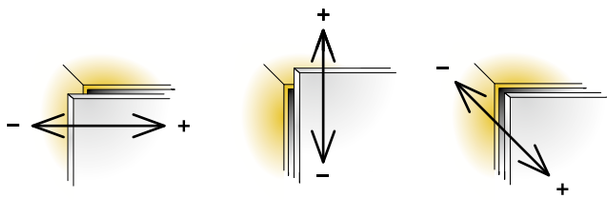
Cover caps for hinge arm
⇢ see page 2.177

Hinge angle restrictor
⇢ see page 2.175

Legend of hinge cup symbols

● Screw-on ready
⇠ screws

Door adjustment



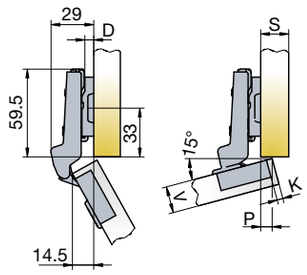
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

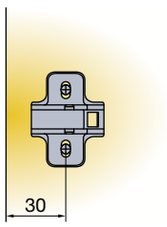
For further explanation ⟶ see pages 2.22-2.24

Mounting details



Drawings show application on D=0 and K=4mm mounting plate

Mounting plate drilling distance

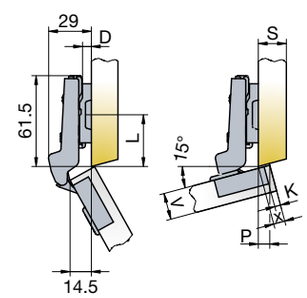


Mounting plate thickness table

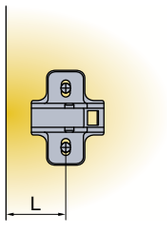
For further explanation ⟶ see page 2.13

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

D=4+K-X



Drawings show application on D=0 and K=4mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=36 for thickness D=2
L=35 for thickness D=3
L=33 for thickness D=9

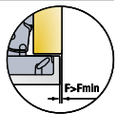
X, P		1	2	3	7	8	9	10	11	12	
K	3	9			3	2	1	0			D
	4		9			3	2	1	0		
	5			9			3	2	1	0	

Touch opening

PushOpen Solutions
⟶ *see pages 2.199-2.204*

Door clearance

For further explanation ⟶ see page 2.14

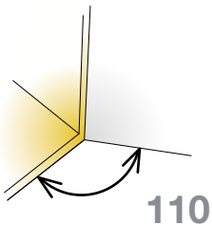


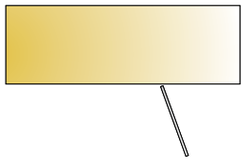
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

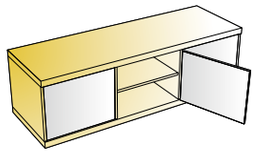
Gap Z_{MIN}=0

S-type-i3 110/24°

For wood doors





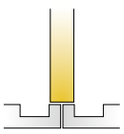


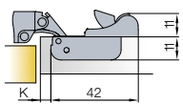
· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	snap-on

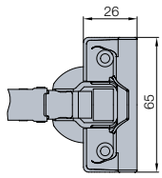
Technical details

Cranking

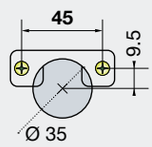
9mm

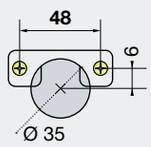






Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
	242-0W48-650	





Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

Made of steel and plastic

Mounting plates

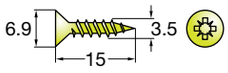
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

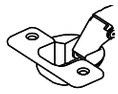
Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

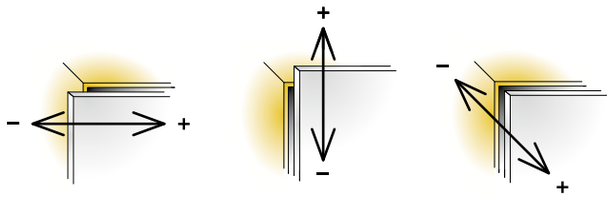
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*



Door adjustment



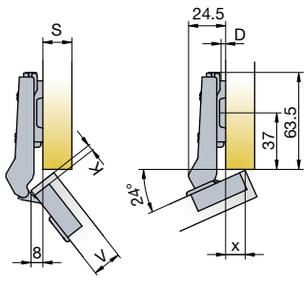
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

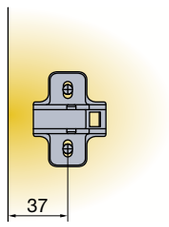
For further explanation ⟶ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⟶ see page 2.13

X		3	4	5	9	10	11	12	13	14	
K	3	9			3	2	1	0			
	4		9			3	2	1	0		
	5			9			3	2	1	0	D

Touch opening

PushOpen Solutions

⟶ *see pages 2.199-2.204*

Door clearance

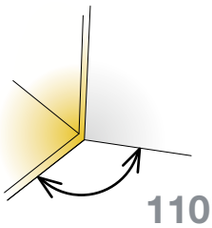
For further explanation ⟶ see page 2.14

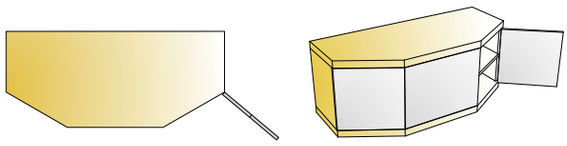
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

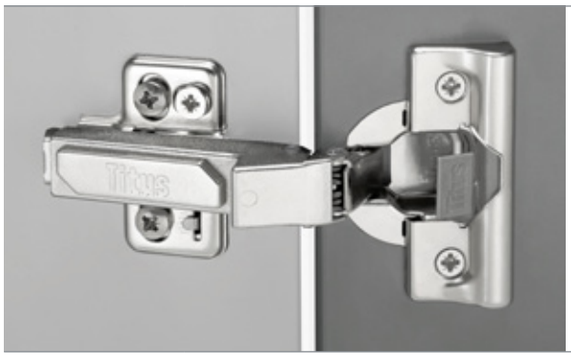
S-type-i3 110/30°

30° angled application for wood doors



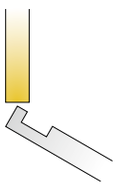


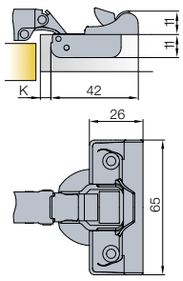
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system snap-on

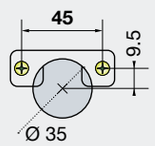
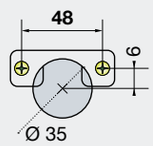


Technical details

Cranking
9mm





Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	242-0885-650	242-0886-650

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates

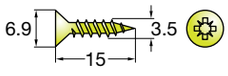
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

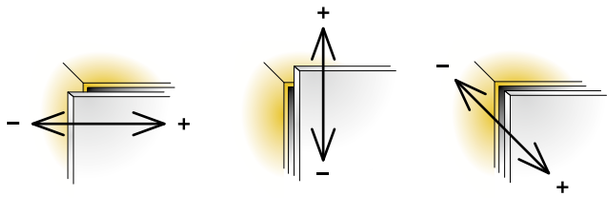
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



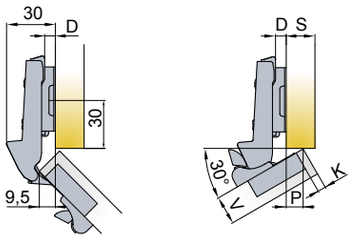
Side adjustment +3/-1mm

Height adjustment +2/-2mm

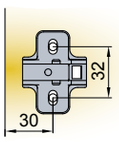
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

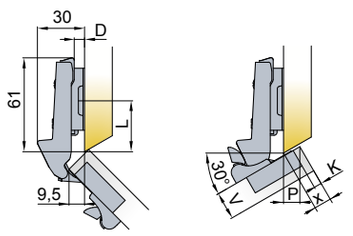


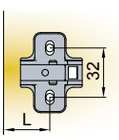
Mounting plate thickness table

For further explanation ⇢ see page 2.13

P		2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5	
K	3	9			3	2	1	0			D
	4		9			3	2	1	0		
	5			9			3	2	1	0	

Drawings show application on D=3mm mounting plate





X		2	3	4	9	10	11	12	13	14	15	
K	3	9			3	2			0			D
	4		9			3	2			0		
	5			9			3	2			0	

L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

Drawings show application on D=3mm mounting plate

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

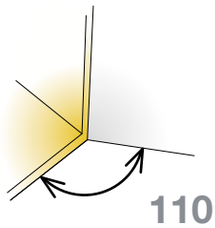
For further explanation ⇢ see page 2.14

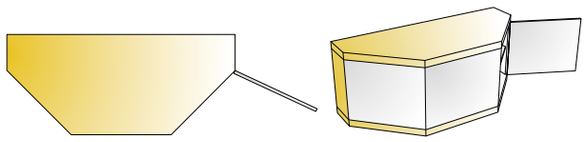
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	FMIN
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

Gap Z_{MIN}=0

S-type-i3 110/45°

45° angled application for wood doors

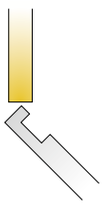


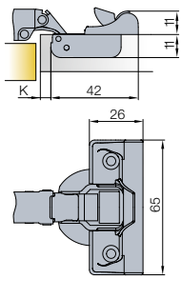


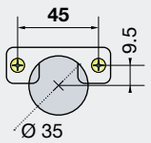
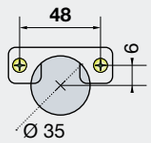
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system snap-on

Technical details

Cranking
9mm





Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number 242-0P81-650	Item number 242-0824-650

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates

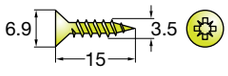
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

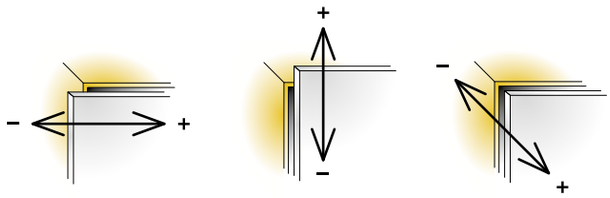
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



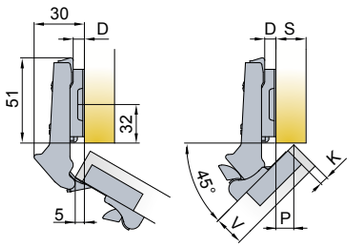
Side adjustment +3/-1mm

Height adjustment +2/-2mm

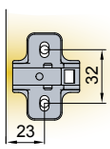
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

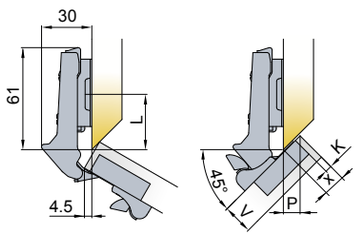


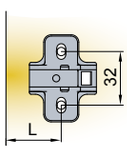
Mounting plate thickness table

For further explanation ⇢ see page 2.13

	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





	X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18	
K	3	3		2			1			0				
	4		3			2			1			0		
	5				3			2			1		0	D

L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Drawings show application on D=3mm mounting plate

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

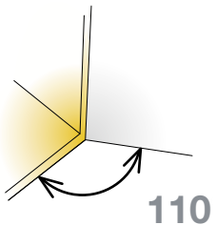
For further explanation ⇢ see page 2.14

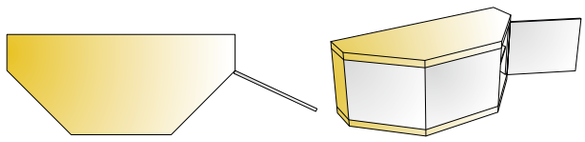
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type-i3 110/45°

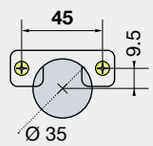
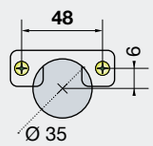
45° angled application for wood doors

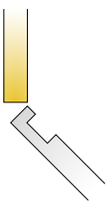


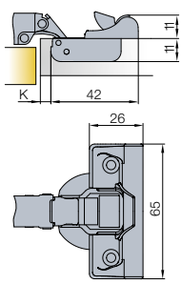


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system snap-on

Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
Cranking 18mm	242-0G76-650	242-0H17-650





Drilling patterns for hinge cups ⇢ *see page 2.17*

100 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates

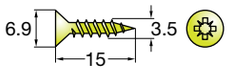
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

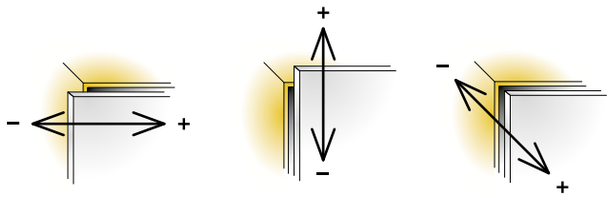
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



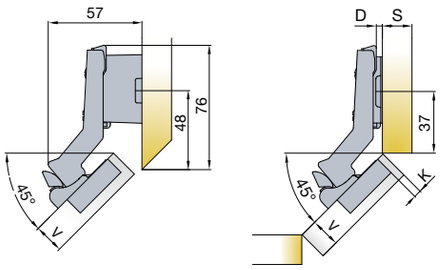
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

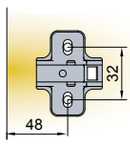
Mounting details



Drawing shows application on D=18mm mounting plate

Drawing shows application on D=0mm mounting plate

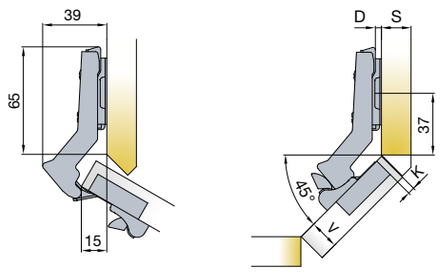
Mounting plate drilling distance

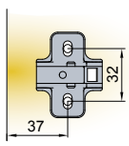


Mounting plate thickness table

For further explanation ⇢ see page 2.13

K	3	4	5
D	0	1	2





Drawings show application on D=0mm mounting plate

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

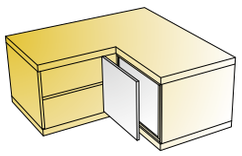
For further explanation ⇢ see page 2.14

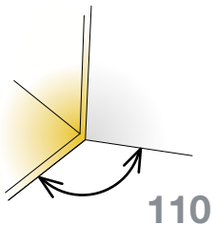
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type-i3 110/90°

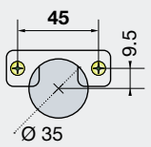
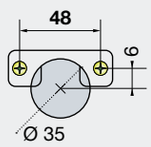
For wood door cabinets with blind panels





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

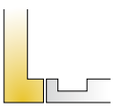
Technical details

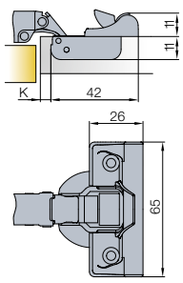
Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	242-0Y45-650	242-0Y46-650

Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking

18mm





100 Pcs

Cup made of steel and plastic, arm made of zinc

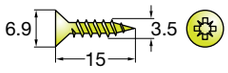
Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

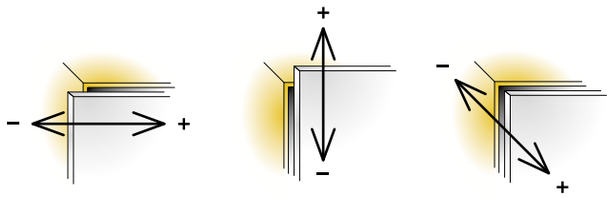
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



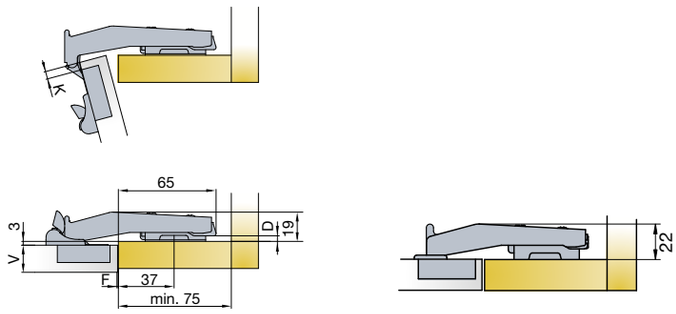
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

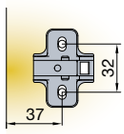
Mounting details



Drawings show application on D=0mm mounting plate

Drawing shows application on D=3mm mounting plate

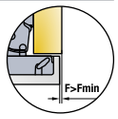
Mounting plate drilling distance



Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance
For further explanation ⇢ see page 2.14

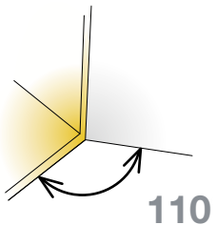


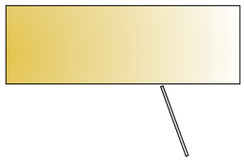
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

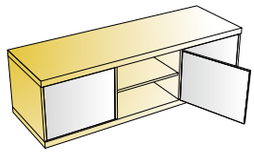
Gap Z_{MIN}=0

S-type 110

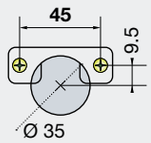
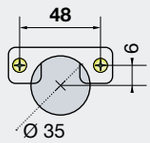
For wood doors



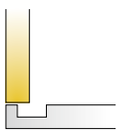




· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	11.5mm
· Hinge on plate mounting system	snap-on

Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
		

Cranking 0mm

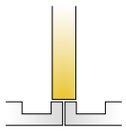


200 Pcs — Made of steel

●	248-0535-050	248-0532-050
▤	248-0171-050	248-0172-050
▮	248-0186-050	248-0188-050

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 9mm

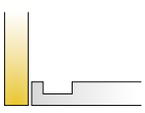


200 Pcs — Made of steel

●	248-0536-050	248-0533-050
▤	248-0279-050	248-0327-050
▮	248-0482-050	248-0545-050

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 15mm



200 Pcs — Made of steel

●	248-0537-050	248-0534-050
▤	248-0280-050	248-0328-050
▮	248-0487-050	248-0547-050

Drilling patterns for hinge cups ⇢ see page 2.17

Mounting plates

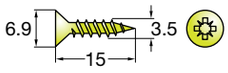
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

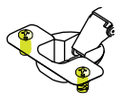
10000 Pcs

Accessories

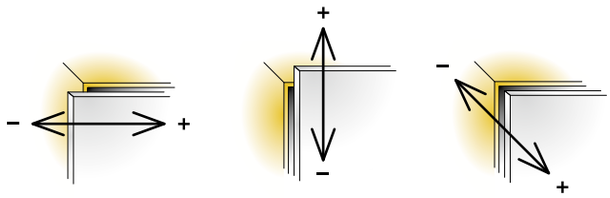
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready ⇠ *screws*	Machine insertion ready	EasyFix system
		

Door adjustment



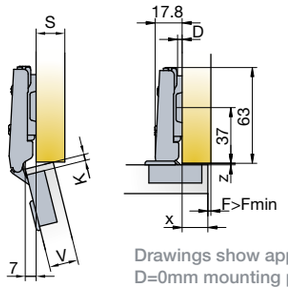
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

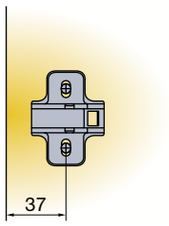
For further explanation ⟶ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

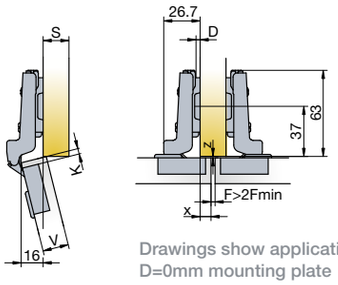


Mounting plate thickness table

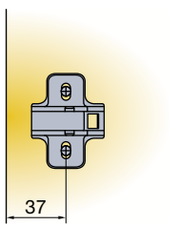
For further explanation ⟶ see page 2.13

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

D=13+K-X

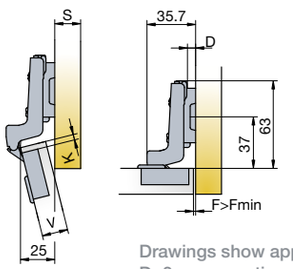


Drawings show application on D=0mm mounting plate

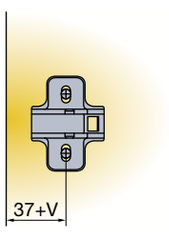


X		4	5	6	7	8	9	
K	3	3	2	1	0			D
	4		3	2	1	0		
	5			3	2	1	0	

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	D
	4	3	3	3				
	5	3						

D=-2+K-F

Soft closing systems

Glissando TL3

⟶ *see page 2.189*

Glissando CR

⟶ *see page 2.195*

Touch opening

PushOpen Solutions

⟶ *see pages 2.199-2.204*

Door clearance

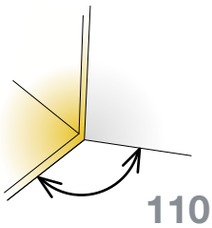
For further explanation ⟶ see page 2.14

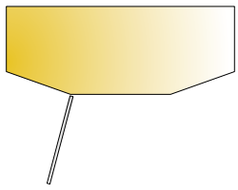
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

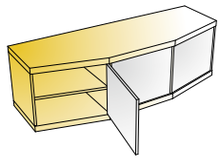
Gap Z_{MIN}=0

S-type 110/-15°

-15° angled application for wood doors



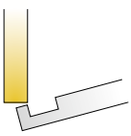


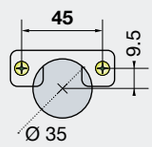
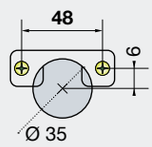


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	11.5mm
· Hinge on plate mounting system	snap-on

Cranking

0mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0V14-050	248-0V39-050
	248-0V41-050	248-0V42-050

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

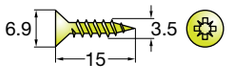
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

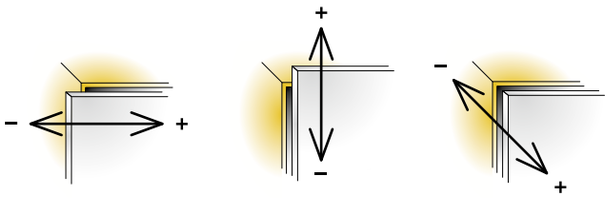
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready

Door adjustment



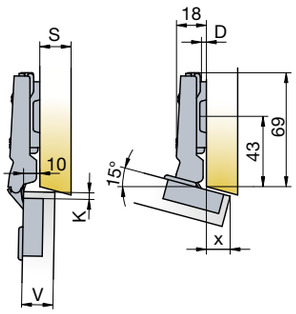
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

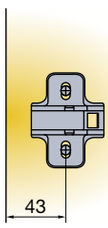
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

X		4	5	6	10	11	12	13	14	15	
K	3	9			3	2	1	0			
	4		9			3	2	1	0		
	5			9			3	2	1	0	D

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

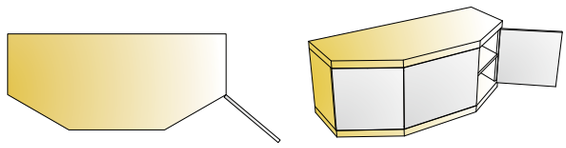
For further explanation ⇢ see page 2.14

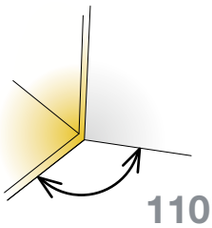
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/15°

15° angled application for wood doors

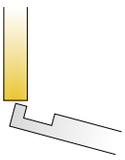


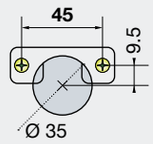
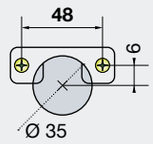


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cranking

9mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0080-050	248-0V62-050

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

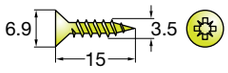
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

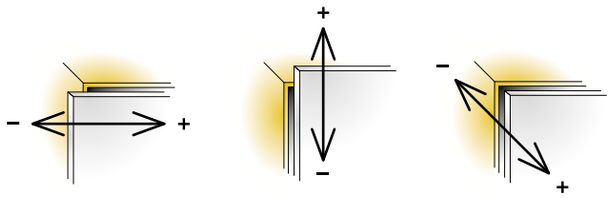
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



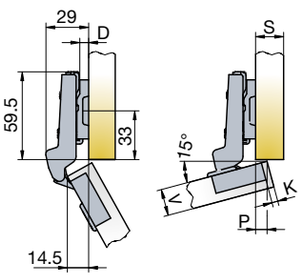
Side adjustment +3/-1mm

Height adjustment +2/-2mm

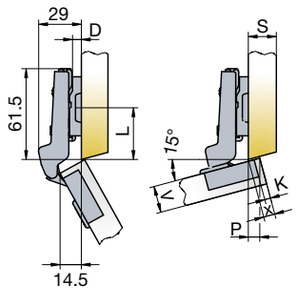
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

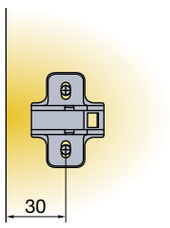


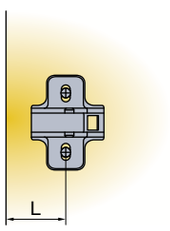
Drawings show application on D=0 and K=4mm mounting plate



Drawings show application on D=0 and K=4mm mounting plate

Mounting plate drilling distance





L=37 for thickness D=0
L=36 for thickness D=1
L=36 for thickness D=2
L=35 for thickness D=3
L=33 for thickness D=9

Mounting plate thickness table

For further explanation ⇢ see page 2.13

X, P		1	2	3	7	8	9	10	11	12	
K	3	9			3	2	1	0			D
	4		9			3	2	1	0		
	5			9			3	2	1	0	

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

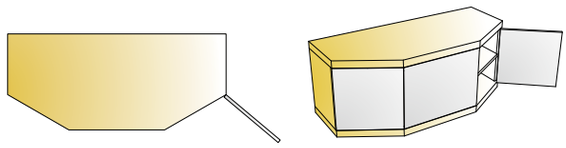
For further explanation ⇢ see page 2.14

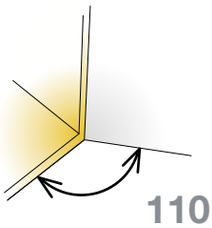
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/24°

24° angled application for wood doors

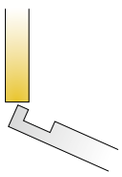




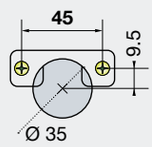
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cranking

9mm



Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0V18-050	248-0V45-050
	248-0V47-050	248-0V48-050



Drilling patterns for hinge cups ⇢ *see page 2.17*

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

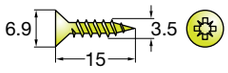
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

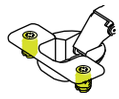
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

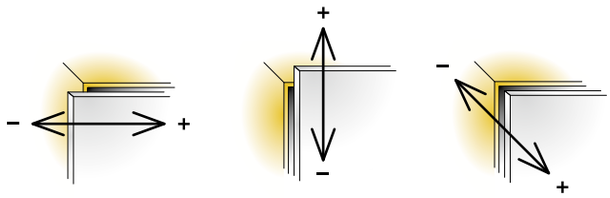
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready



Door adjustment



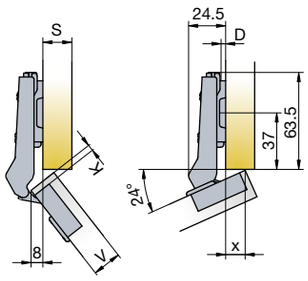
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

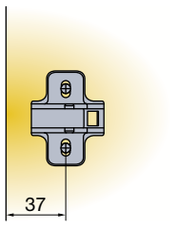
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

X		3	4	5	9	10	11	12	13	14	
K	3	9			3	2	1	0			
	4		9			3	2	1	0		
	5			9			3	2	1	0	D

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

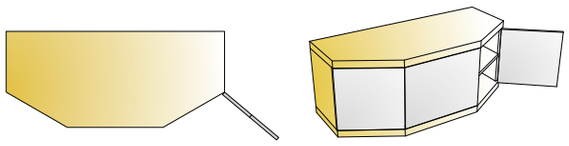
For further explanation ⇢ see page 2.14

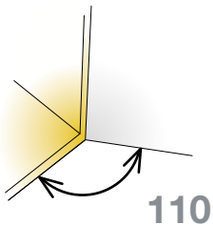
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/30°

30° angled application for wood doors

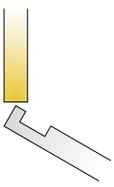




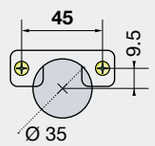
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

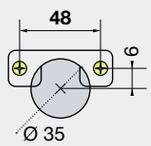
Cranking

9mm



Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0675-050	248-0665-050
	248-0N12-050	248-0N13-050





Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

Cup made of steel, arm made of zinc

Mounting plates

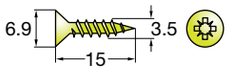
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

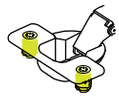
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

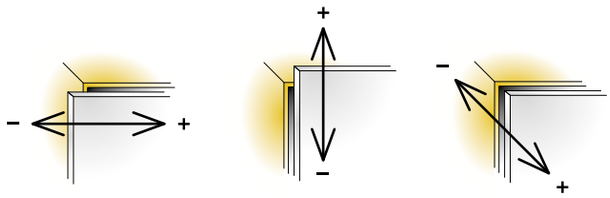
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready



Door adjustment



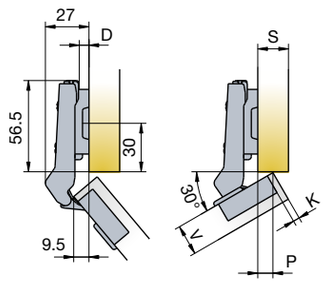
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

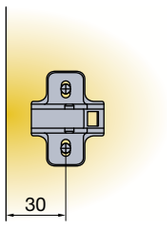
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=3mm mounting plate

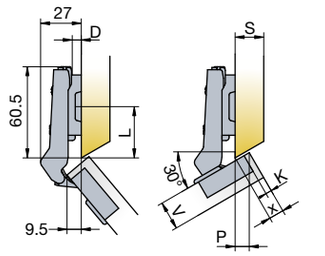
Mounting plate drilling distance



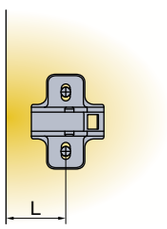
Mounting plate thickness table

For further explanation ⇢ see page 2.13

	P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5	
K	3	9			3	2	1	0			D
	4		9			3	2	1	0		
	5			9			3	2	1	0	



Drawings show application on D=3mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

	X	2	3	4	9	10	11	12	13	14	15	
K	3	9			3	2			0			D
	4		9			3	2			0		
	5			9			3	2			0	

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

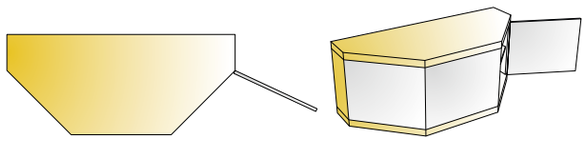
For further explanation ⇢ see page 2.14

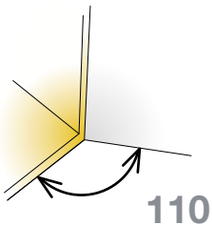
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

Gap Z_{MIN}=0

S-type 110/45°

45° angled application for wood doors

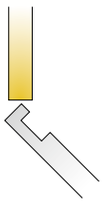


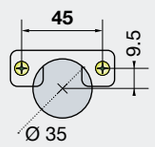
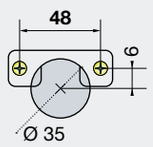


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cranking

9mm



Cup type	Interaxis 45mm  Item number	Interaxis 48mm  Item number
	248-0433-050	248-0431-050
	248-0N16-050	248-0N17-050

Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

Cup made of steel, arm made of zinc

Mounting plates

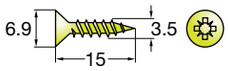
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

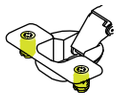
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

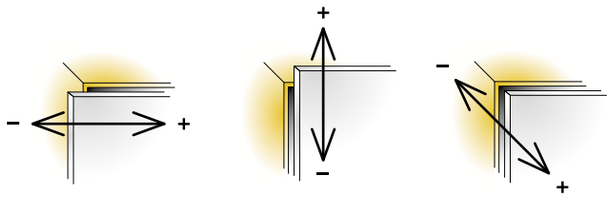
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready



Door adjustment



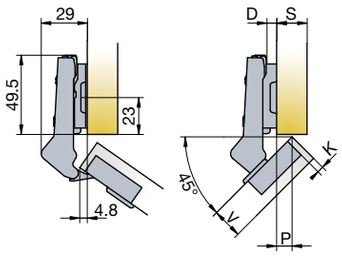
Side adjustment +3/-1mm

Height adjustment +2/-2mm

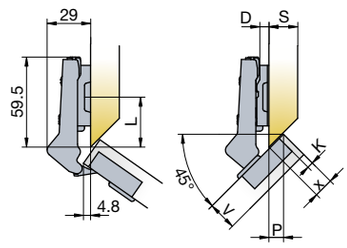
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

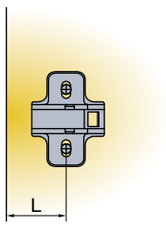


Drawings show application on D=3mm mounting plate



Drawings show application on D=3mm mounting plate

Mounting plate drilling distance



L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Mounting plate thickness table

For further explanation ⇢ see page 2.13

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

X		11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18	
K	3	3		2			1			0				D
	4		3			2			1			0		
	5				3			2			1		0	

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

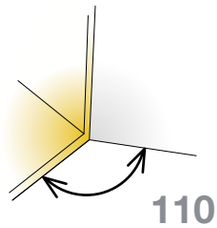
For further explanation ⇢ see page 2.14

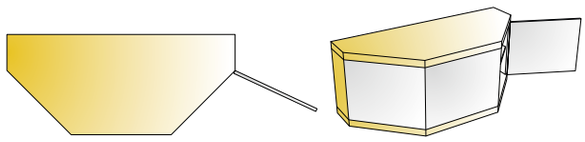
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/45°

45° angled application for wood doors

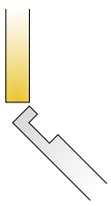


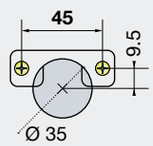
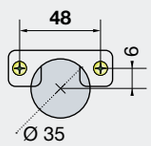


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cranking

18mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0285-050	248-0283-050
	248-0N20-050	248-0N21-050

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

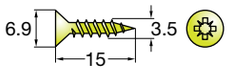
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

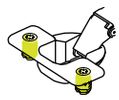
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

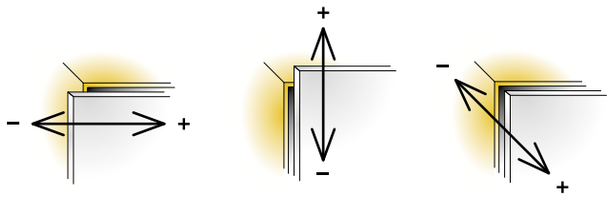
Legend of hinge cup symbols

Screw-on ready ⇠ *screws*

Machine insertion ready



Door adjustment



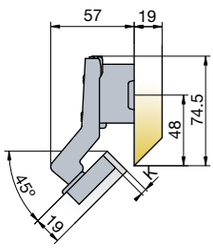
Side adjustment +3/-1mm

Height adjustment +2/-2mm

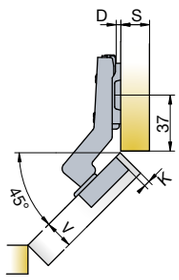
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

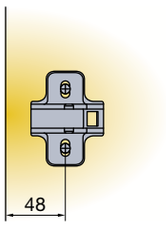


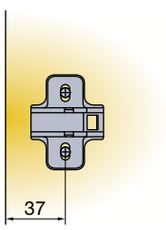
Drawing shows application on D=18mm mounting plate



Drawing shows application on D=0mm mounting plate

Mounting plate drilling distance

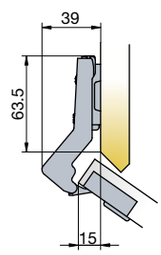


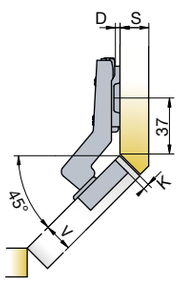


Mounting plate thickness table

For further explanation ⇢ see page 2.13

K	3	4	5
D	0	1	2





Drawings show application on D=0mm mounting plate

Soft closing systems

Glissando TL3

⇢ *see page 2.189*

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

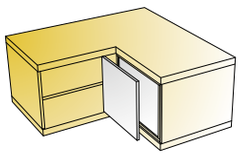
For further explanation ⇢ see page 2.14

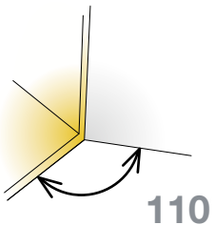
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

S-type 110/90°

For wood door cabinets with blind panels

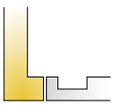


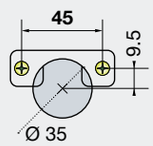
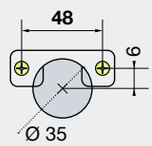


- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cranking

18mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0745-050	248-0742-050
	248-0N24-050	248-0N25-050
	248-0L61-050	248-0N62-050

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

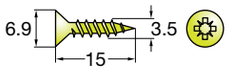
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

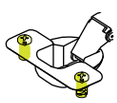
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

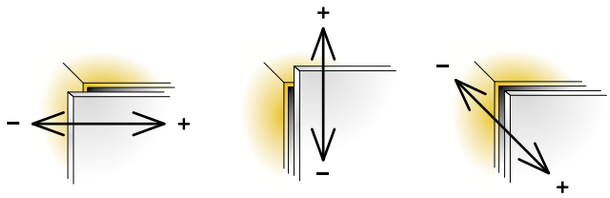
Screw-on ready
⇠ *screws*

Machine insertion ready

EasyFix system



Door adjustment



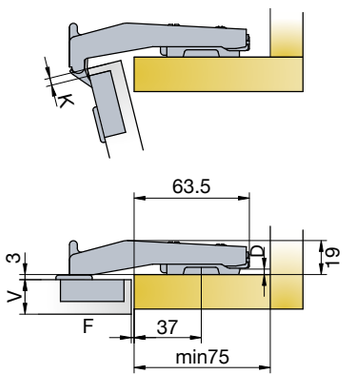
Side adjustment +3/-1mm

Height adjustment +2/-2mm

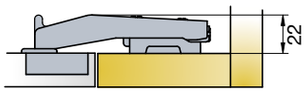
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

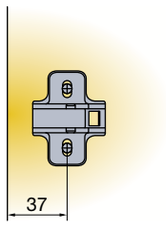


Drawings show application on D=0mm mounting plate



Drawing shows application on D=3mm mounting plate

Mounting plate drilling distance



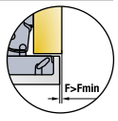
Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance
For further explanation ⇢ see page 2.14

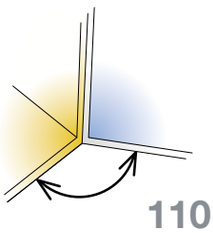


V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

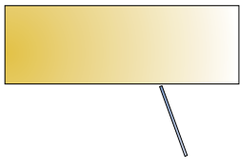
Gap Z_{MIN}=0

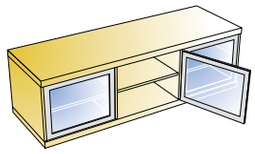
S-type 110 AL

For aluminium frame doors



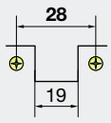
110°





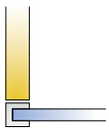
- Opening angle 110°
- Hinge on plate mounting system snap-on

Interaxis
28mm

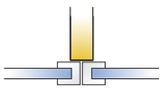


Cranking	Cup type	Item number
0mm	●	950-0T27-050
9mm	●	950-0T50-050
15mm	●	950-0T52 -050

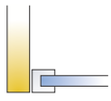
** Screws included*



200 Pcs — Cup made of zinc, arm made of steel



200 Pcs — Cup made of zinc, arm made of steel



200 Pcs — Cup made of zinc, arm made of steel

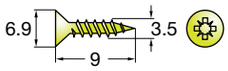
Mounting plates

Cam adjustable cruciform mounting plate
⇢ see page 2.127

Cruciform mouting plate
⇢ see page 2.129

Face frame adapter
⇢ see page 2.131

Hinge cup screws
If not pre-mounted



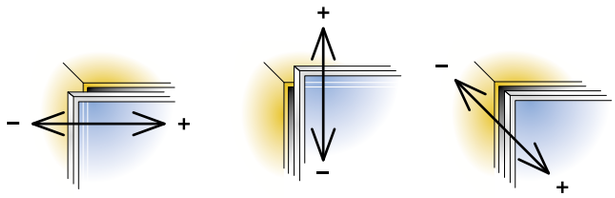
820-6350-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ see page 2.177

Door adjustment



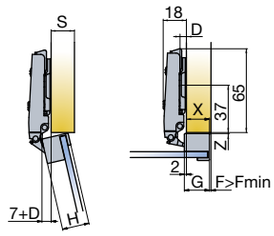
Side adjustment +3/-1mm

Height adjustment +2/-2mm

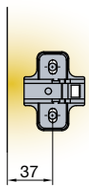
Depth adjustment +5/-1.5mm

For further explanation ⟶ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

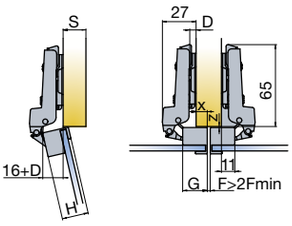


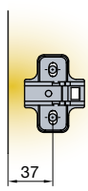
Drawings show application on D=0mm mounting plate

Mounting plate thickness table

For further explanation ⟶ see page 2.13

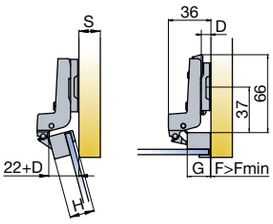
	X	12	13	14	15	16	17	18	
G	17	3	2	1	0				
	18		3	2	1	0			
	19			3	2	1	0		
	20				3	2	1	0	D

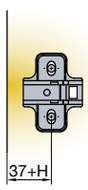




Drawings show application on D=0mm mounting plate

	X	3	4	5	6	7	8	9	
G	17	3	2	1	0				
	18		3	2	1	0			
	19			3	2	1	0		
	20				3	2	1	0	D

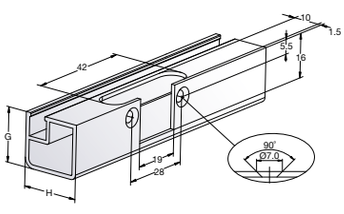




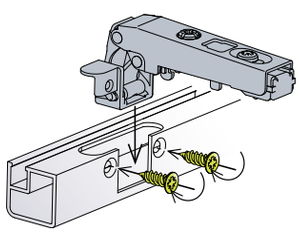
Drawings show application on D=3mm mounting plate

	H	17	18	19	20	21	22	
G	17	1	1	2	2	2	3	
	18	2	2	3	3	3	3	
	19	3	3	3	3			
	20	3	3					D

Drilling pattern for aluminium frame hinges



Mounting details



Screws included

Door clearance

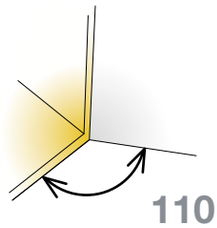
For further explanation ⟶ see page 2.14

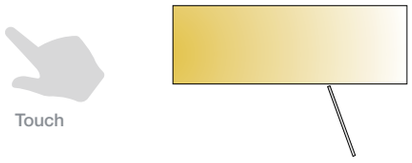
	H	17	18	19	20	21	22	
G	17	0.5	0.7	1.1	1.4	1.8	2.9	
	18	0.5	0.7	1.0	1.3	1.7	2.5	
	19	0.5	0.7	0.9	1.2	1.6	2.1	
	20	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

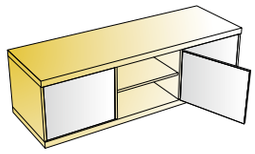
Gap Z_{MIN}=0.5

S-type 110
PushOpen Hinge

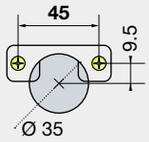
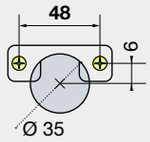
For wood doors



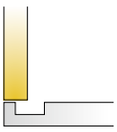




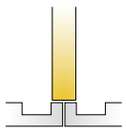
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
Cranking 0mm	915-0Z98-050	915-0Z99-050
Cranking 9mm	915-0781-050	915-0896-050

Drilling patterns for hinge cups ⇢ see page 2.17



200 Pcs Made of steel



200 Pcs Made of steel

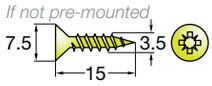
Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Steel mounting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

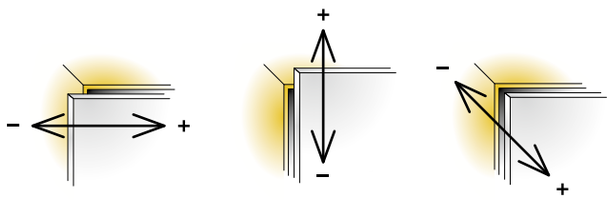
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

· Hinge with reverse spring
· Effortless opening with just a light touch
· Use with PushOpen mechanisms with magnet

⟶ see pages 2.199-2.204

Door adjustment



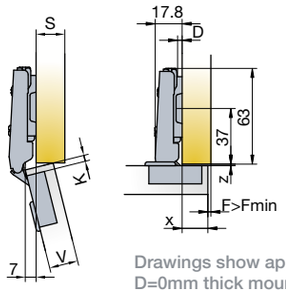
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

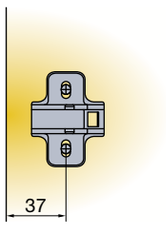
For further explanation ⟶ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm thick mounting plate

Mounting plate drilling distance

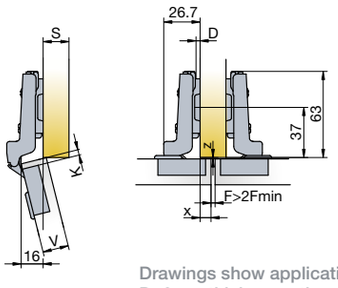


Mounting plate thickness table

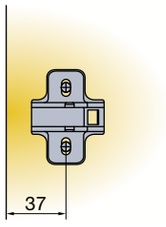
For further explanation ⟶ see pages 2.13

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 thick 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

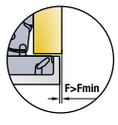
Touch opening

PushOpen Solutions

⟶ see pages 2.199-2.204

Door clearance at R=1mm

For further explanation ⟶ see pages 2.14

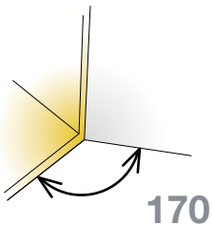


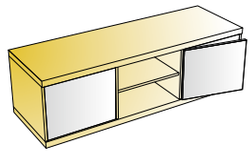
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

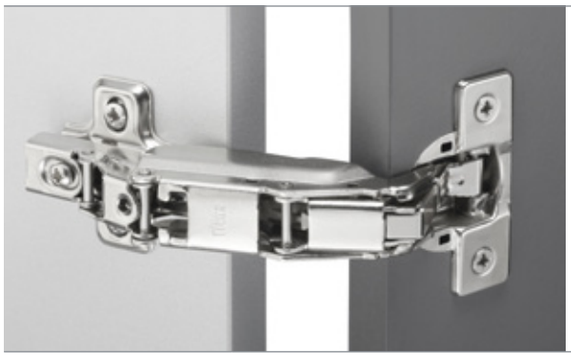
S-type 170

For wood doors



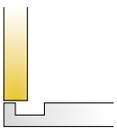


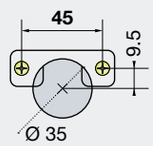
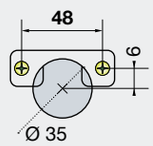
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on



Cranking

0mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0R14-050	248-0R17-050
	248-0M73-050	248-0R13-050

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs

Made of steel and zinc

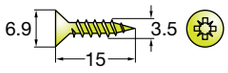
Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws
If not pre-mounted



820-6308-050

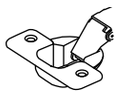
10000 Pcs

Accessories

Hinge angle restrictor
⇢ *see page 2.175*

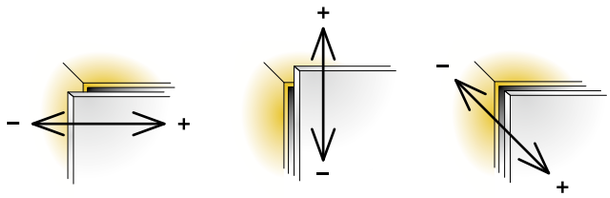
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*



Machine insertion ready

Door adjustment



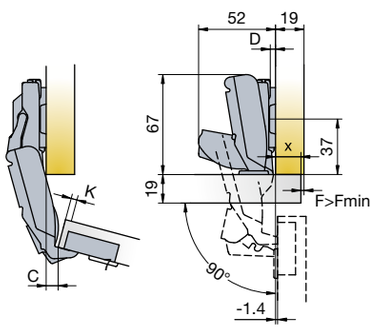
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

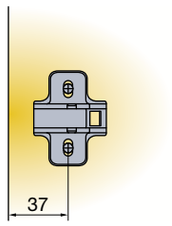
For further explanation ⇢ see pages 2.22-2.24

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 2.13

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

Soft closing systems

Glissando TL 170
⇢ *see page 2.191*

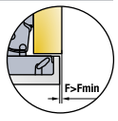
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

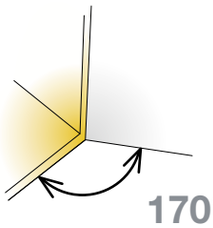


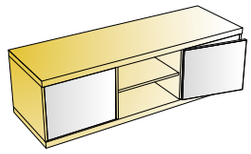
	V	16	17	18	19	20	21	22	23	24	
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
K	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

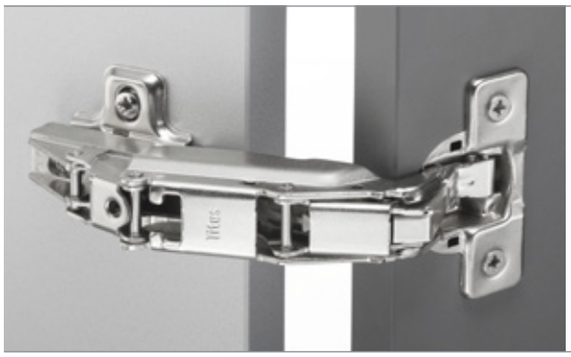
S-type 170

For wood doors



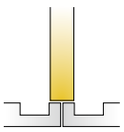


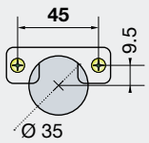
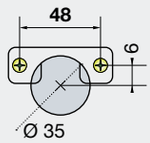
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system snap-on



Cranking

9mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0162-050	248-0163-050

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs

Made of steel and zinc

Mounting plates

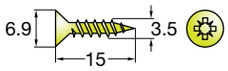
Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Face frame adapter
⇢ *see page 2.131*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

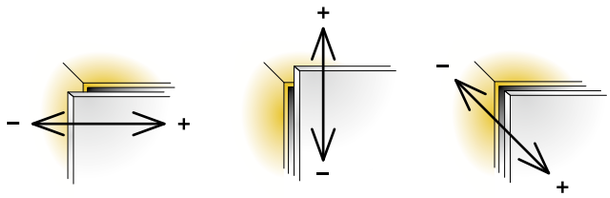
Accessories

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



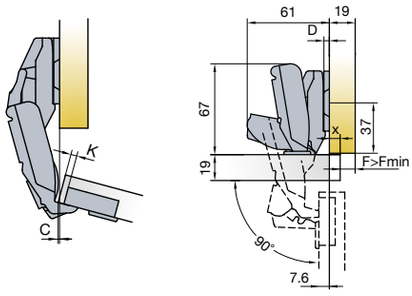
Side adjustment +3/-1mm

Height adjustment +2/-2mm

Depth adjustment +5/-1.5mm

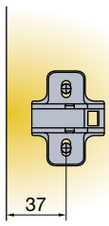
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

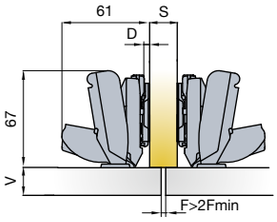
For further explanation ⇢ see page 2.13

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

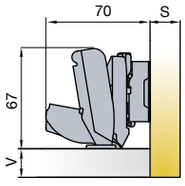
D=4+K-X

C value with D=0 mounting plates

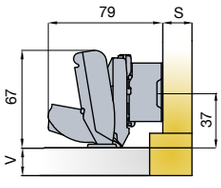
	K	3	4	5	6	7	
	C	0	0.9	1.9	2.9	3.8	D



Drawing shows application on D=0mm mounting plate



Drawing shows application on D=9mm mounting plate



Drawing shows application on D=18mm mounting plate

Soft closing systems

Glissando TL 170

⇢ *see page 2.191*

Glissando CR

⇢ *see page 2.195*

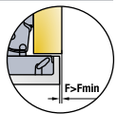
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

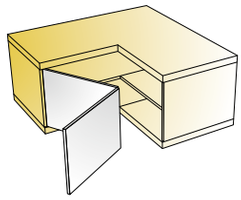


V		16	17	18	19	20	21	22	23	24	
	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
K	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0.5

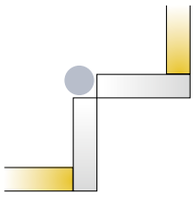
S-type
for Pie-cut Corner Cabinet

For wood doors

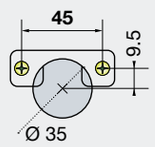


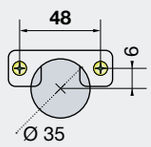
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system snap-on

Corner cabinet



Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0U21-050	248-0U16-050
	248-0U22-050	248-0V15-050





Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

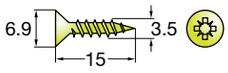
Cup made of steel, arm made of zinc

Mounting plates

Cam adjustable cruciform mounting plate
⇢ *see page 2.127*

Cruciform mouting plate
⇢ *see page 2.129*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

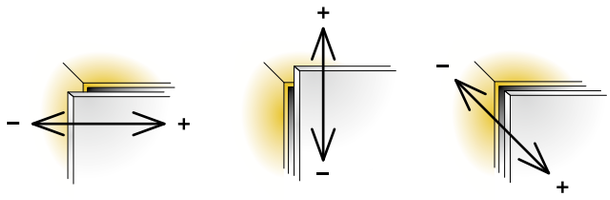
Cover caps for hinge arm
⇢ *see page 2.177*

Legend of hinge cup symbols

Screw-on ready
⇠ screws

Machine insertion ready

Door adjustment



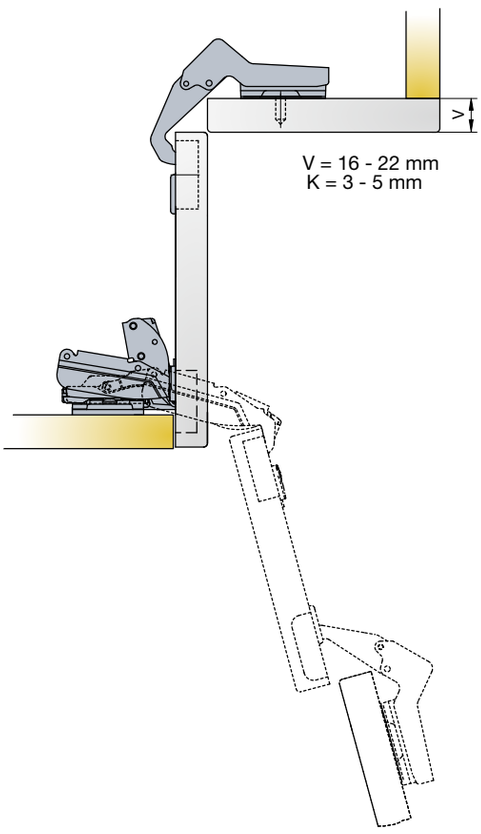
Side adjustment +3/-1mm

Height adjustment +2/-2mm

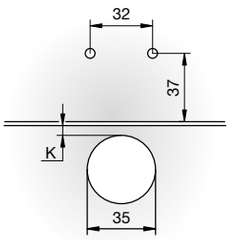
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

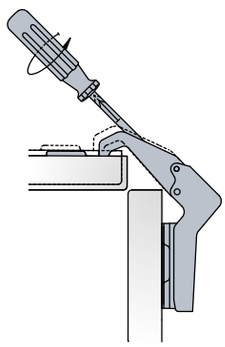
Mounting details



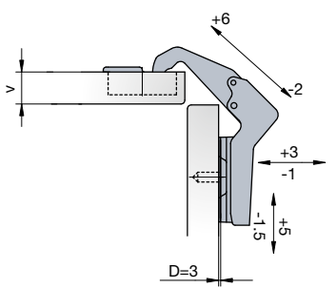
Mounting plate drilling distance



Adjustments



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



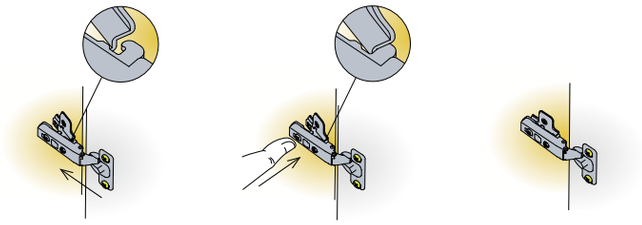
Touch opening

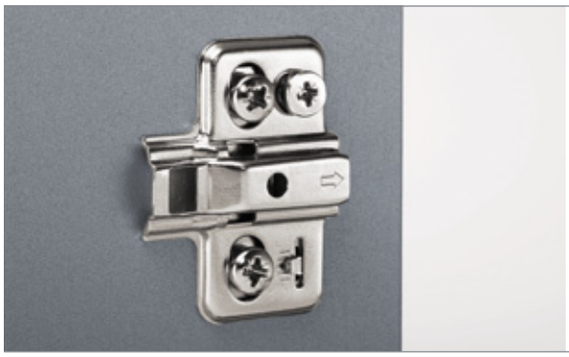
PushOpen Solutions

⇢ *see pages 2.199-2.204*

S-type
Mounting Plates

S-type snap-on mounting

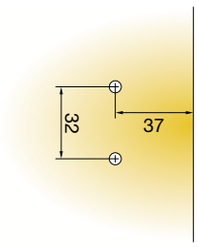


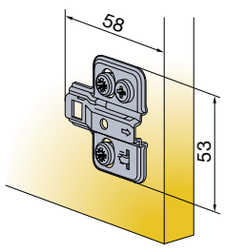


Drilling pattern

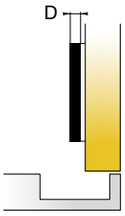
Dimensions

Cam adjustable cruciform mounting plate 37mm

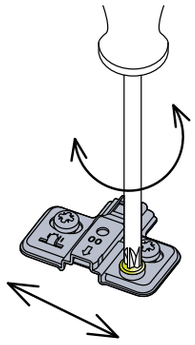




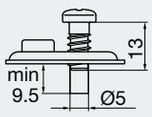
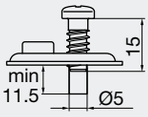
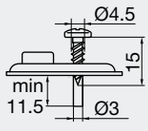
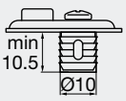
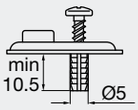
200 Pcs Made of steel



Mounting plate thickness



Height adjustment +/- 2mm

Mounting plate type	13	15			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
2mm	244-0259-050	244-0262-050	*244-0265-050	*244-0343-050	244-0271-050
3mm	244-0260-050	244-0263-050	*244-0266-050	*244-0344-050	244-0272-050

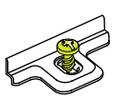
* Available upon special request ⇢ *see page 0.3*

Legend of mounting plate type symbols

13 — Pre-mounted 13mm euro screws

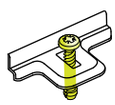
15 — Pre-mounted 15mm euro screws

Pre-mounted chipboard screws



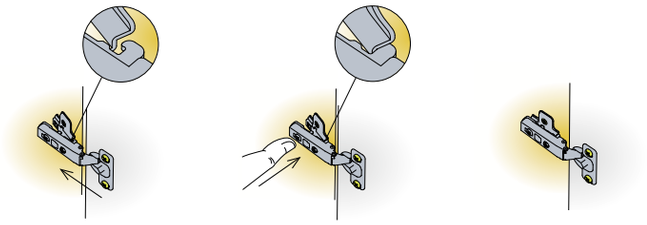
Machine insertion ready

10.5 — Pre-mounted 10.5mm expanding dowels



S-type
Mounting Plates

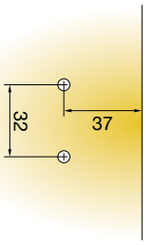
S-type snap-on mounting

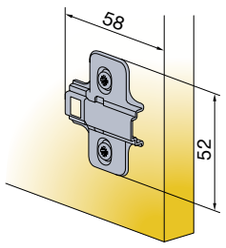


Drilling pattern

Dimensions

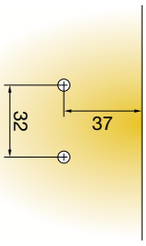
Cruciform mounting plate

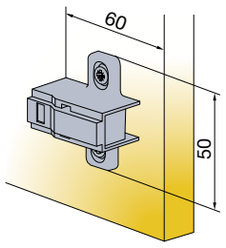




200 Pcs Made of steel

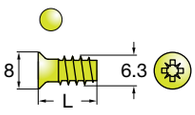
Zinc diecast cruciform mounting plate 37mm





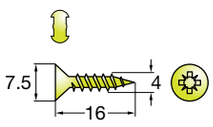
200 Pcs Made of zinc

Fixing screws for mounting plates
If not pre-mounted



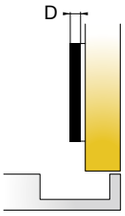
Euro screws
821-6304-050 L=11
821-6323-050 L=13
821-6332-050 L=15

5000 Pcs

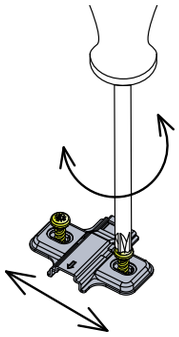


Chipboard screws
820-6328-050

10000 Pcs



Mounting plate thickness



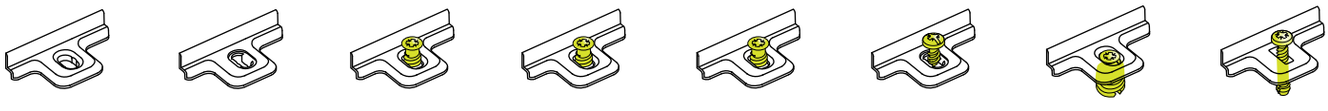
Height adjustment +/- 2mm

Mounting plate type			11	13	15			10.5
Mounting plate thickness (D)	5.8	3.9	Ø6.3, 11, min 8, Ø5	Ø6.3, 13, min 10, Ø5	Ø6.3, 15, min 12, Ø5	Ø4.5, 15, min 11, Ø3	min 10.5, Ø10	min 10.5, Ø5
	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
1mm	244-1137-050	*244-1228-050		244-0561-050		*244-0565-050	*244-0567-050	
2mm	244-1138-050	*244-1229-050	244-0Z63-050	244-0562-050	244-0120-050	*244-0566-050	*244-0568-050	244-0V19-050
3mm	244-1139-050	*244-1234-050		244-0135-050	244-0119-050	*244-0137-050	*244-0167-050	244-0P27-050
6mm	244-1645-050				244-0Z51-050			
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

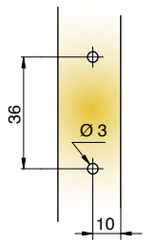
	11	13	15			10.5
Screw on ready for euro screws ⟵ *screws*	Screw-on ready for chipboard ⟵ *screws*	Pre-mounted 11mm euro screws	Pre-mounted 13mm euro screws	Pre-mounted 15mm euro screws	Pre-mounted chipboard screws	Machine insertion ready	Pre-mounted 10.5mm expanding dowels

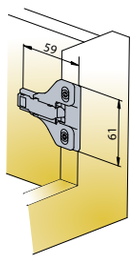


S-type
Face Frame Mounting Plates

Drilling pattern | Dimensions

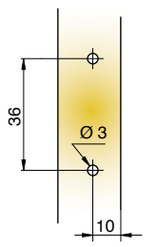
Face frame adapter for S-type hinges

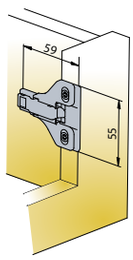




200 Pcs Made of zinc alloy

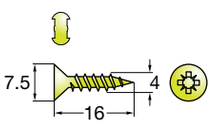
Face frame adapter for S-type hinges cam adjustable





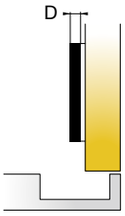
200 Pcs Made of zinc alloy

Fixing screw for mounting plates
If not pre-mounted

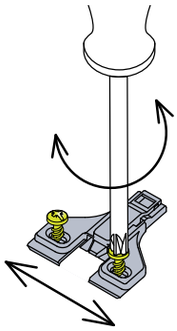


Chipboard screws
820-6328-050

10000 Pcs



Mounting plate thickness



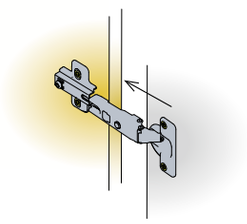
Height adjustment +/- 2mm

Mounting plate thickness (D)	Item number	Mounting plate type
0mm	244-3653-650	
3mm	244-3654-650	
6mm	244-3655-650	
0mm	244-3600-650	
3mm	244-3603-650	

Legend of mounting plate type symbols

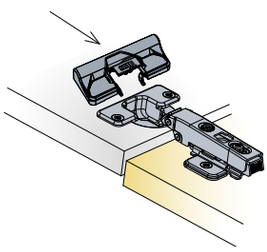
Screw-on ready for chipboard screws
screws

B-type Hinges



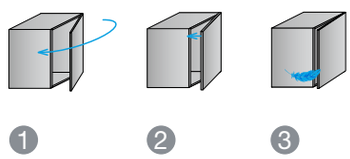
Slide-on mounting system

- Proven and reliable hinge-to-plate mounting solution
- Cost-per-door effectiveness
- Proven solution for RTA furniture, household application and tall cabinets



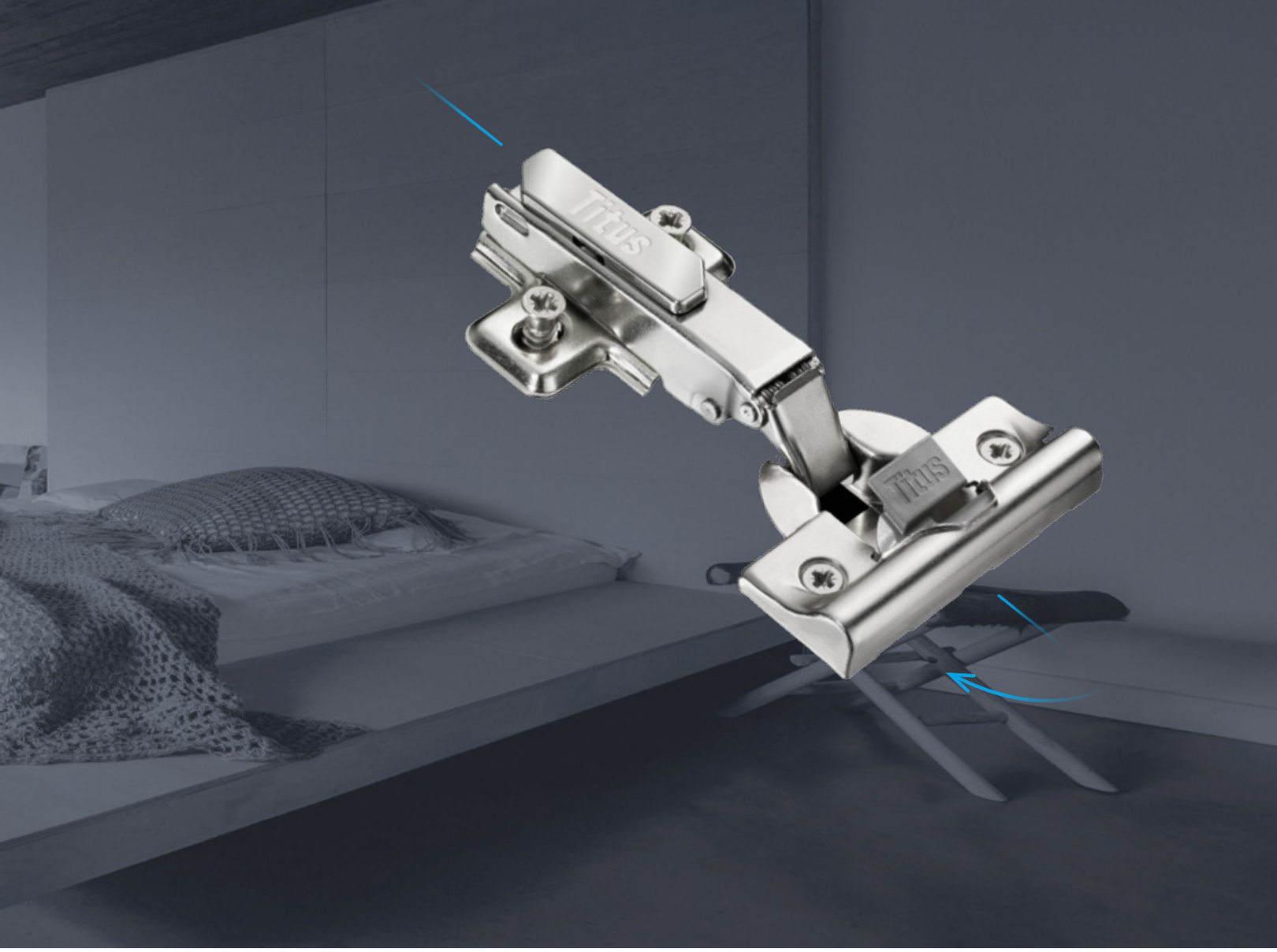
Soft closing options

- Hinge integrated
- Stand-alone
- Add-on with Glissando ready hingecup
- Fast and simple mounting



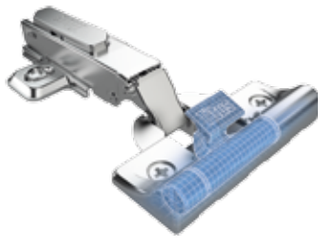
ConfidentClose

- 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

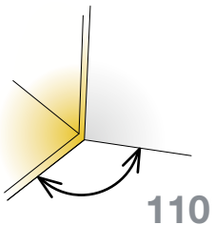


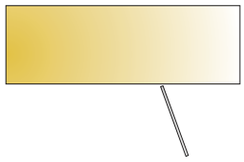
B-type-i3

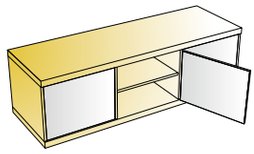
- Reliable open-close
- Consistent performance
- ConfidentClose
- Low 11mm hinge depth cup

B-type-i3 110

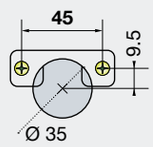
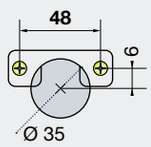
For wood doors



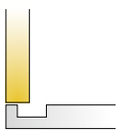


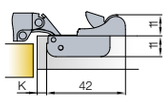


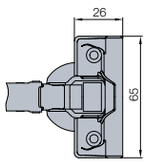
· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11mm
· Hinge on plate mounting system	slide-on

Technical details	Cup type	Interaxis 45mm	Interaxis 48mm
			

Cranking 0mm







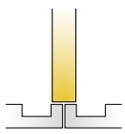
Cup type	Item number	Item number
	242-0967-054	242-0968-054

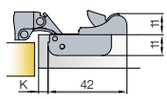
Drilling patterns for hinge cups ⇢ see page 2.17

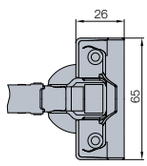
200 Pcs

Made of steel and plastic

Cranking 9mm







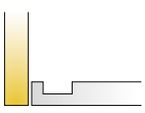
Cup type	Item number	Item number
	242-0973-054	242-0974-054

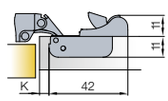
Drilling patterns for hinge cups ⇢ see page 2.17

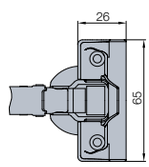
200 Pcs

Made of steel and plastic

Cranking 15mm







Cup type	Item number	Item number
	242-0979-054	242-0980-054

Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

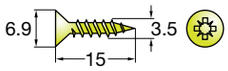
Made of steel and plastic

Mounting plates

Cruciform mounting plate
⇢ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

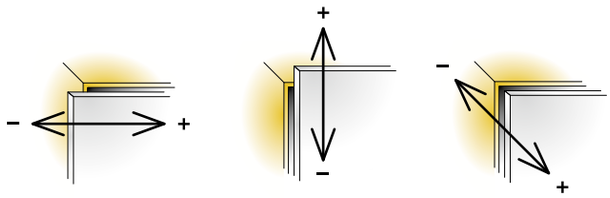
Cover caps for hinge arm
⇢ see page 2.177

Hinge angle restrictor
⇢ see page 2.175

Legend of hinge cup symbols

Screw-on ready
⇠ screws

Door adjustment



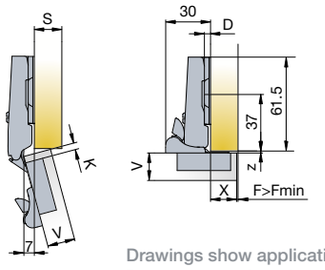
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

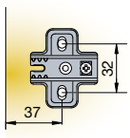
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

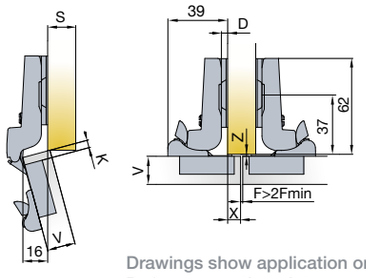


Mounting plate thickness table

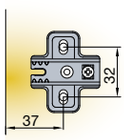
For further explanation ⇢ see page 2.13

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

D=13+K-X

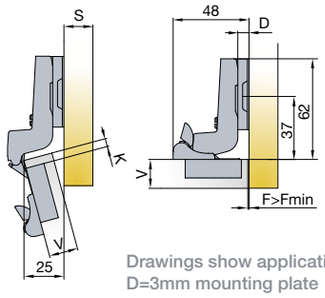


Drawings show application on D=0mm mounting plate

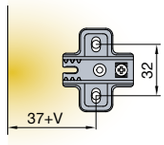


X		0	1	2	3	4	5	6	7	8	9	
K	3		6	5	4	3	2	1	0			
	4			6	5	4	3	2	1	0		
	5	9			6	5	4	3	2	1	0	D

D=4+K-X



Drawings show application on D=3mm mounting plate



V		16	17	18	19	20	21	22	
K	3	2	2	2	3	3	3	4	
	4	3	3	3	4	4	4	5	
	5	4	4	4	5	5	5	6	D

D=-2+K+F

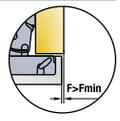
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

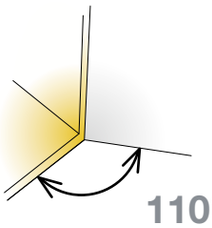


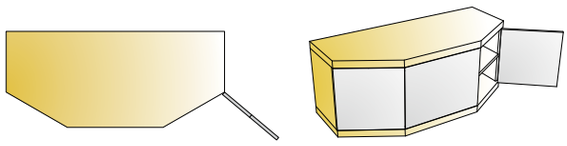
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type-i3 110/30°

30° angled application for wood doors

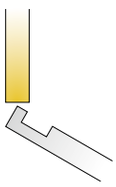


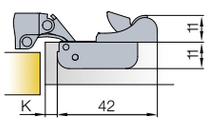


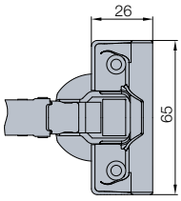
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system slide-on

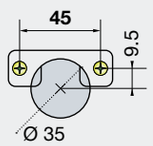
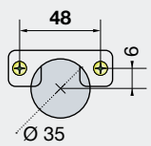
Technical details

Cranking
9mm







Cup type	Interaxis 45mm Item number	Interaxis 48mm Item number
		
	242-0924-650	242-0H34-650

Drilling patterns for hinge cups ⇢ see page 2.17

100 Pcs

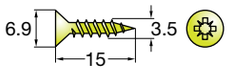
Cup made of steel and plastic, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

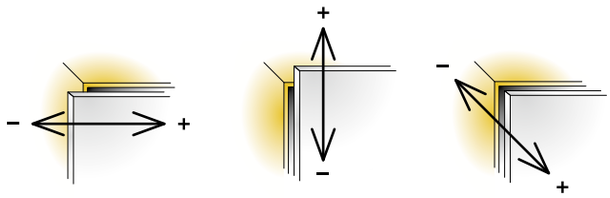
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



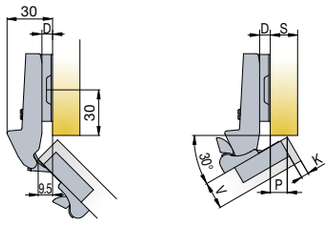
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

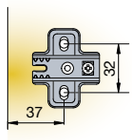
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

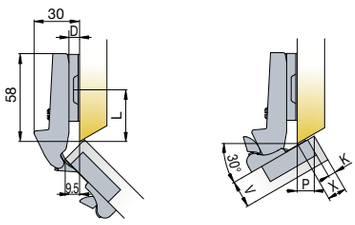


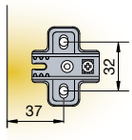
Mounting plate thickness table

For further explanation ⇢ see page 2.13

	P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5	
K	3	9			3	2	1	0			
	4		9			3	2	1	0		
	5			9			3	2	1	0	D

Drawings show application on D=3mm mounting plate





	X	2	3	4	9	10	11	12	13	14	15	
K	3	9			3	2			0			
	4		9			3	2			0		
	5			9			3	2			0	D

L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

Drawings show application on D=3mm mounting plate

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

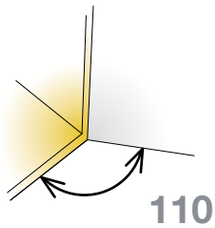
For further explanation ⇢ see page 2.14

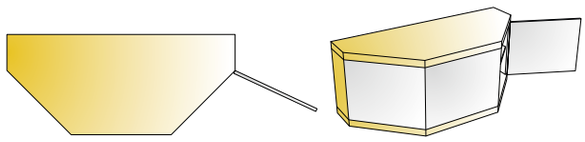
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type-i3 110/45°

45° angled application for wood doors

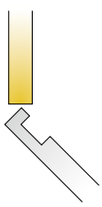


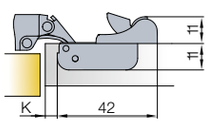


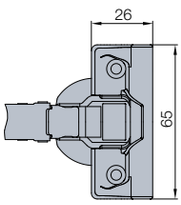
- Opening angle 110°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system slide-on

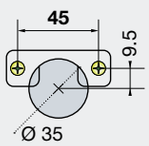
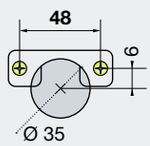
Technical details

Cranking
9mm







Cup type	Interaxis 45mm  	Interaxis 48mm 
	Item number	Item number
●	242-0C27-650	242-0D14-650

Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

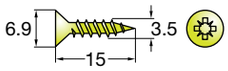
Cup made of steel and plastic, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

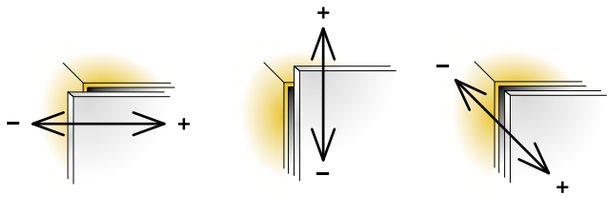
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

● Screw-on ready
⇠ *screws*

Door adjustment



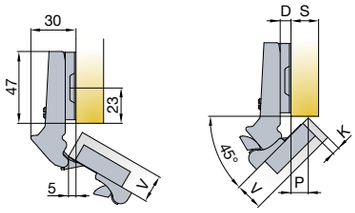
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

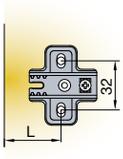
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



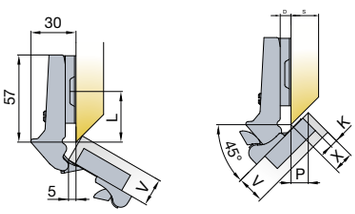
L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Mounting plate thickness table

For further explanation ⇢ see page 2.13

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

Drawings show application on D=3mm mounting plate



X		11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18	
K	3	3		2			1			0				
	4		3			2			1			0		
	5				3			2			1		0	D

Drawings show application on D=3mm mounting plate

Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

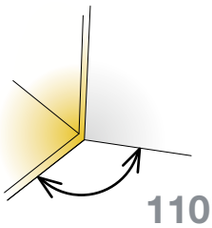
For further explanation ⇢ see page 2.14

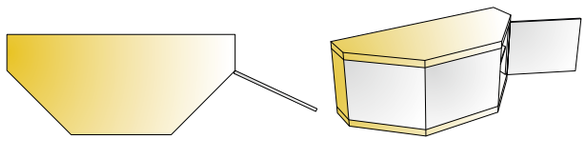
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type-i3 110/45°

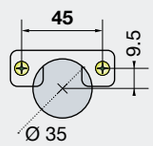
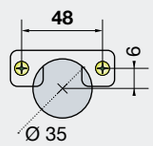
45° angled application for wood doors





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

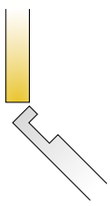
Technical details

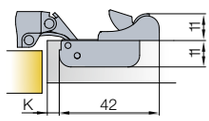
Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	242-0H48-650	242-0H49-650

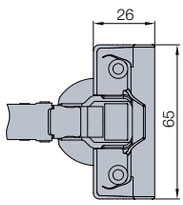
Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking

18mm







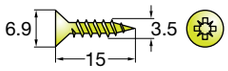
200 Pcs

Cup made of steel and plastic, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

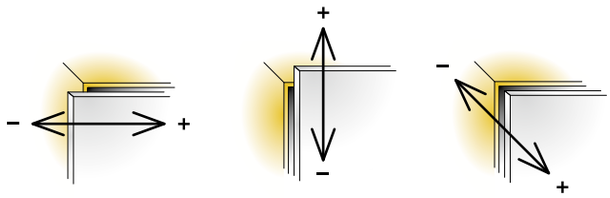
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



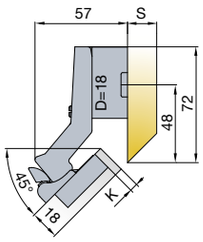
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

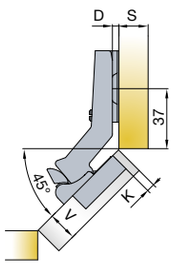
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

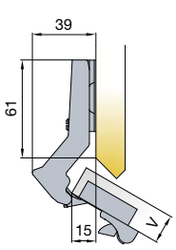
Mounting details

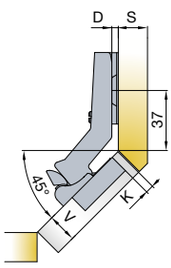


Drawing shows application on D=18mm mounting plate



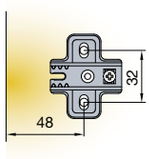
Drawing shows application on D=0mm mounting plate

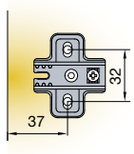




Drawings show application on D=0mm mounting plate

Mounting plate drilling distance





L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Mounting plate thickness table

For further explanation ⇢ see page 2.13

K	3	0	D
	4	1	
	5	2	

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

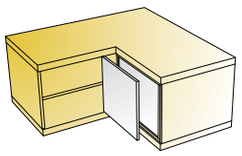
For further explanation ⇢ see page 2.14

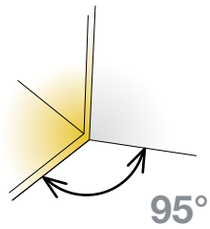
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	FMIN
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

Gap Z_{MIN}=0

B-type-i3 110/90°

For wood door cabinets with blind panels

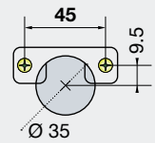


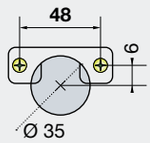


- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth min. 11mm
- Hinge on plate mounting system slide-on

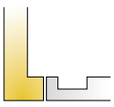
Technical details

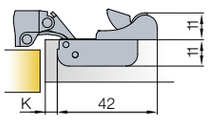
Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number

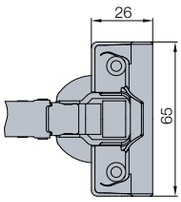




Cranking 18mm







		242-0Y48-650	242-0Y49-650

Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs — Cup made of steel and plastic, arm made of zinc

Blind panel mounting plate

	244-0810-650	
15	244-0P28-650	
13	244-0C32-650	

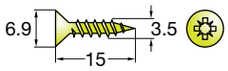
This mounting plate can be only used with B-type-i 110/90° hinges.
Information about mounting plate symbols ⇢ see page 2.168

200 Pcs — Made of zinc

Mounting plates

These hinges can only be used with blind panel mounting plates

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

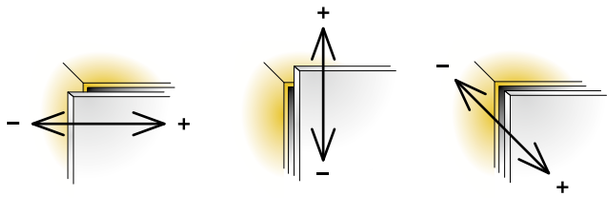
Cover caps for hinge arm
⇢ see page 2.177

Hinge angle restrictor
⇢ see page 2.175

Legend of hinge cup symbols

Screw-on ready
⇠ screws

Door adjustment



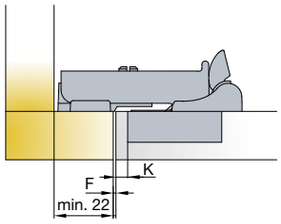
Side adjustment +4/-0mm

Height adjustment +2/-2mm

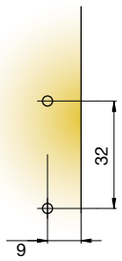
Depth adjustment +3/-0.5mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

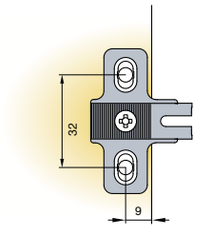


Mounting plate drilling distance



Glissando CR

⇢ *see page 2.195*



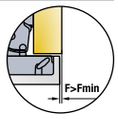
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

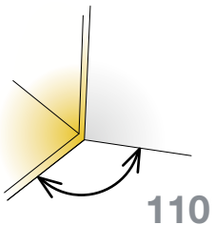


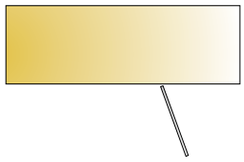
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

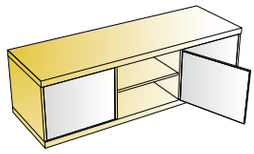
Gap Z_{MIN}=0

B-type 110

For wood doors



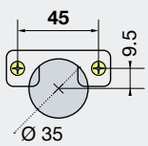


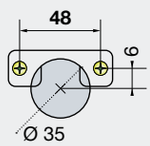


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	min. 11.5mm
· Hinge on plate mounting system	slide-on

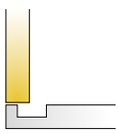
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number





Cranking 0mm



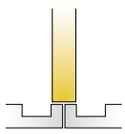
200 Pcs

Made of steel

Cup type	Item number	Item number
	248-0G54-050	248-0G49-050
	248-0G79-050	248-0K40-050

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 9mm



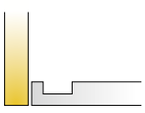
200 Pcs

Made of steel

	248-0G55-050	248-0G50-050
	248-0G80-050	248-0K76-050

Drilling patterns for hinge cups ⇢ see page 2.17

Cranking 15mm



200 Pcs

Made of steel

	248-0G56-050	248-0G51-050
	248-0G81-050	248-0L04-050

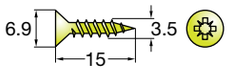
Drilling patterns for hinge cups ⇢ see page 2.17

Mounting plates

Cruciform mounting plate
⇢ see page 2.167

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ see page 2.177

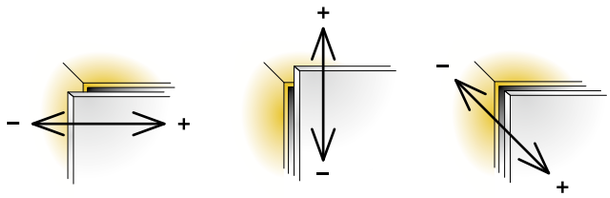
Hinge angle restrictor
⇢ see page 2.175

Legend of hinge cup symbols

Screw-on ready
⇠ screws

Machine insertion ready

Door adjustment



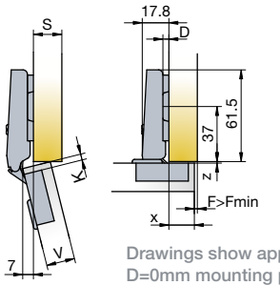
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

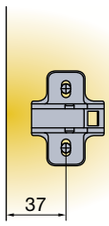
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance

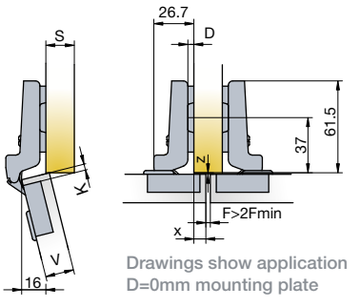


Mounting plate thickness table

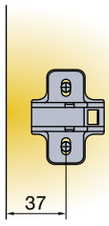
For further explanation ⇢ see page 2.13

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

D=13+K-X

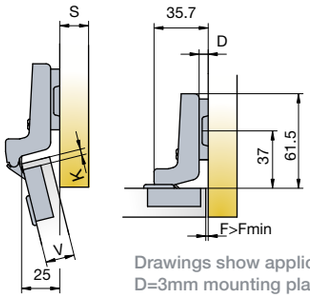


Drawings show application on D=0mm mounting plate

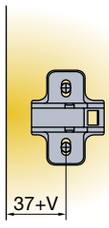


X		0	1	2	3	4	5	6	7	8	9	
K	3		6	5	4	3	2	1	0			
	4			6	5	4	3	2	1	0		
	5	9			6	5	4	3	2	1	0	D

D=4+K-X



Drawings show application on D=3mm mounting plate



V		16	17	18	19	20	21	22	
K	3	2	2	2	3	3	3	4	
	4	3	3	3	4	4	4	5	
	5	4	4	4	5	5	5	6	D

D=-2+K+F

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

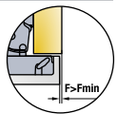
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

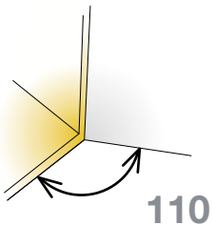


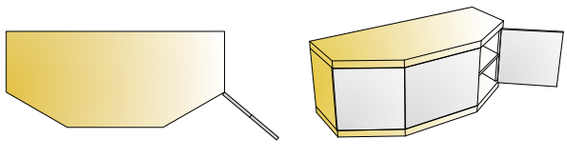
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type 110/30°

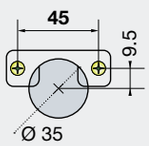
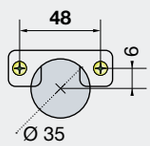
30° angled application for wood doors





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

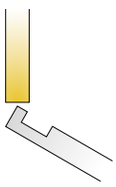
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		
	248-0G57-050	248-0G52-050
	248-0G82-050	248-0L72-050

Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking

9mm



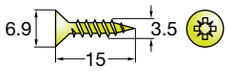
200 Pcs

Cup made of steel, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

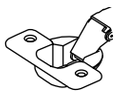
Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

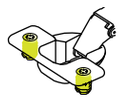
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

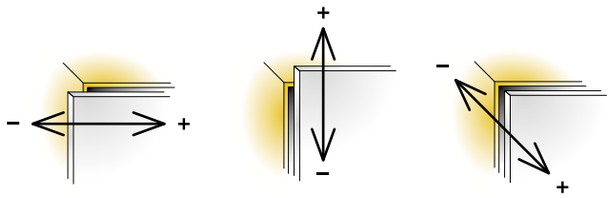
Screw-on ready
⇠ *screws*



Machine insertion ready



Door adjustment



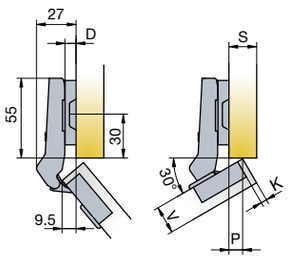
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

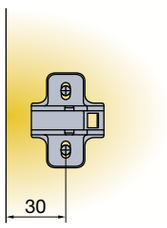
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=3mm mounting plate

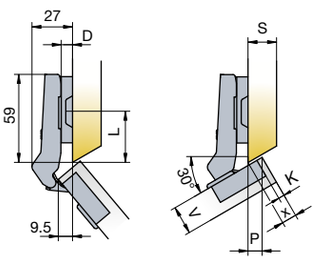
Mounting plate drilling distance



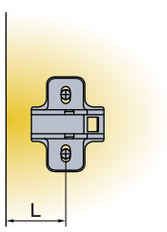
Mounting plate thickness table

For further explanation ⇢ see page 2.13

	P	2.5	3.5	4.5	8.5	9.5	10.5	11.5	12.5	13.5	
K	3	9			3	2	1	0			D
	4		9			3	2	1	0		
	5			9			3	2	1	0	



Drawings show application on D=3mm mounting plate



L=37 for thickness D=0
L=36 for thickness D=1
L=35 for thickness D=2
L=34 for thickness D=3
L=31 for thickness D=9

	X	2	3	4	9	10	11	12	13	14	15	
K	3	9			3	2			0			D
	4		9			3	2			0		
	5			9			3	2			0	

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

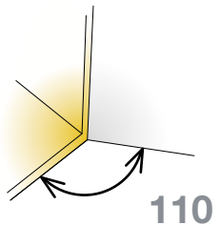
For further explanation ⇢ see page 2.14

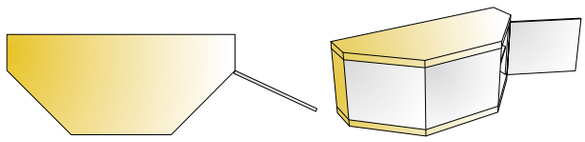
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	FMIN
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

Gap $Z_{MIN}=0$

B-type 110/45°

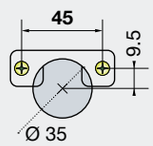
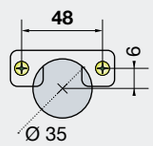
45° angled application for wood doors





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

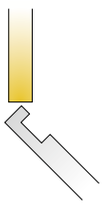
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		
	248-0L32-650	248-0L27-650
	248-0N38-050	248-0L71-050

Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking

9mm



200 Pcs

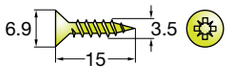
Cup made of steel, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

Accessories

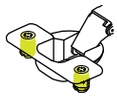
Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

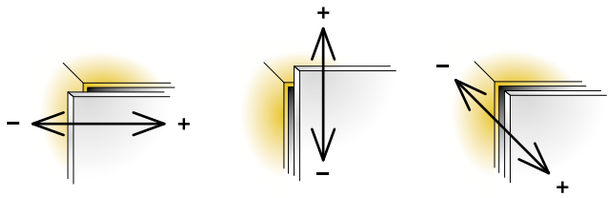
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready



Door adjustment



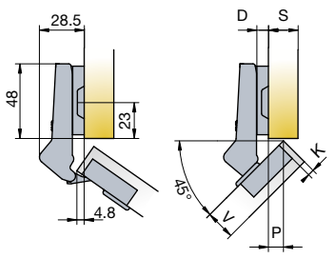
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

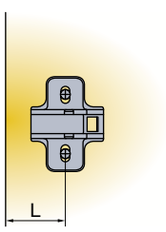
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=3mm mounting plate

Mounting plate drilling distance

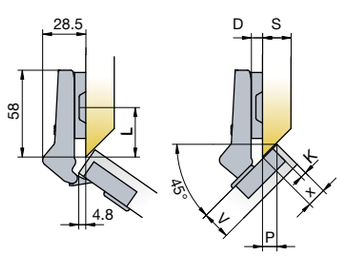


L=36 for thickness D=0
L=35 for thickness D=1
L=34 for thickness D=2
L=33 for thickness D=3

Mounting plate thickness table

For further explanation ⇢ see page 2.13

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



Drawings show application on D=3mm mounting plate

	X	11.5	12.5	13	13.5	14	14.5	15	15.5	16	16.5	17	18	
K	3	3		2			1			0				
	4		3			2			1			0		
	5				3			2			1		0	D

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

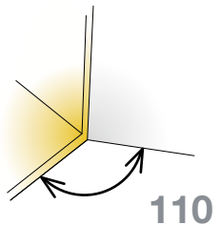
For further explanation ⇢ see page 2.14

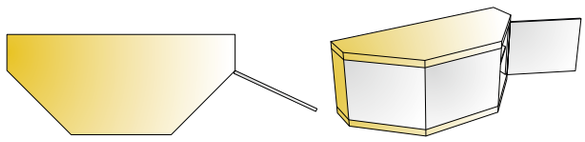
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type 110/45°

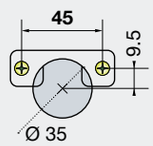
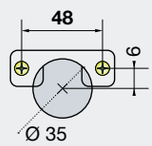
45° angled application for wood doors





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

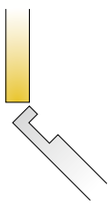
Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0L33-050	248-0L28-050
	248-0L46-050	248-0L70-050

Drilling patterns for hinge cups ⇢ *see page 2.17*

Cranking

18mm



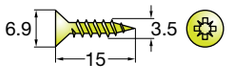
200 Pcs

Cup made of steel, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

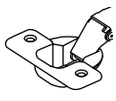
Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

Hinge angle restrictor
⇢ *see page 2.175*

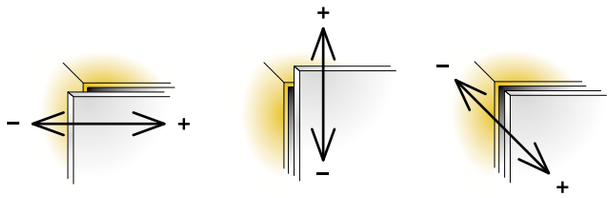
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*



Machine insertion ready

Door adjustment



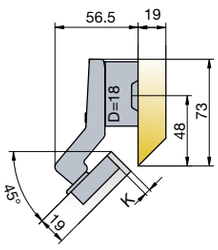
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

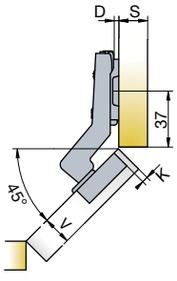
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details

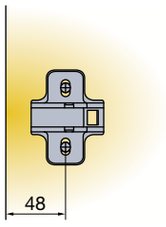


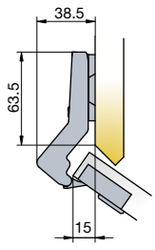
Drawing shows application on D=18mm mounting plate

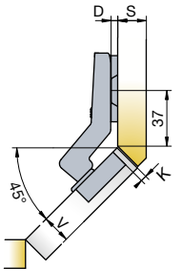


Drawing shows application on D=0mm mounting plate

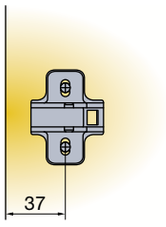
Mounting plate drilling distance







Drawings show application on D=3mm mounting plate



Mounting plate thickness table

For further explanation ⇢ see page 2.13

K	3	0	D
	4	1	
	5	2	

Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

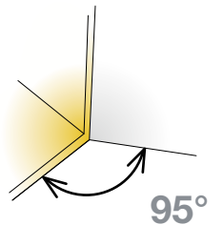
For further explanation ⇢ see page 2.14

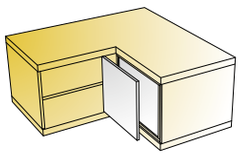
	V	16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type 110/90°

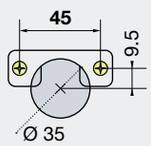
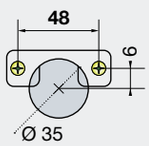
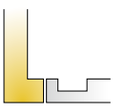
For wood door cabinets with blind panels



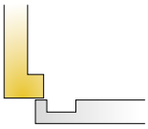


- Opening angle 95°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

Technical details

Cup type	Interaxis 45mm  Item number	Interaxis 48mm  Item number
Cranking 18mm		
	248-0G58-050	248-0G53-050
	248-0G83-050	248-0L73-050

Drilling patterns for hinge cups ⇢ see page 2.17



200 Pcs

Cup made of steel, arm made of zinc

Cranking 0mm		
	248-0255-050	248-0V66-050

Drilling patterns for hinge cups ⇢ see page 2.17

Opening angle 110°

 200 Pcs

Cup made of steel, arm made of zinc

Blind panel mounting plate		
	244-0810-650	
11	244-0813-650	
13	244-0C32-650	
15	244-0P28-650	

200 Pcs

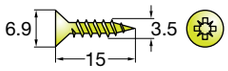
Made of zinc

This mounting plate can be only used with B-type 110/90° hinges.
Information about mounting plate symbols ⇢ see page 2.168

Mounting plates

These hinges can only be used with blind panel mounting plates

Hinge cup screws
If not pre-mounted



820-6308-050

 10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

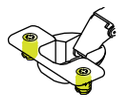
Hinge angle restrictor
⇢ *see page 2.175*

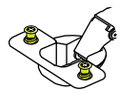
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

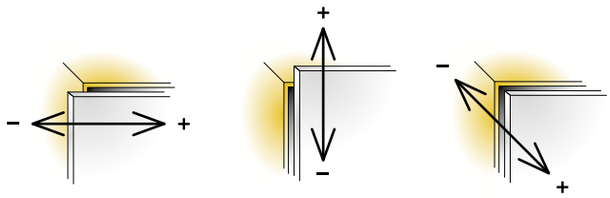
Machine insertion ready

Pre-mounted euro screws





Door adjustment



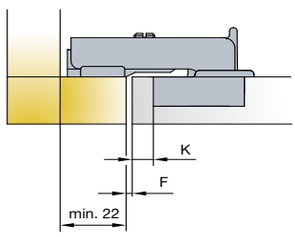
Side adjustment +4/-0mm

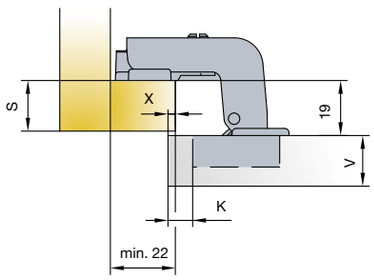
Height adjustment +2/-2mm

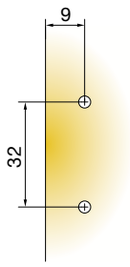
Depth adjustment +3/-0.5mm

For further explanation ⇢ see pages 2.22-2.24

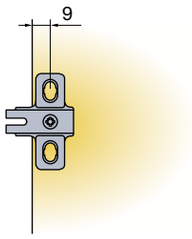
Mounting details

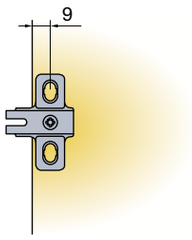






Mounting plate drilling distance





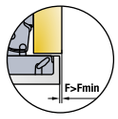
Soft closing systems

Glissando TL3
⇢ *see page 2.189*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance
For further explanation ⇢ see page 2.14

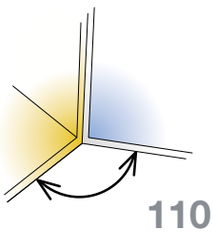


V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

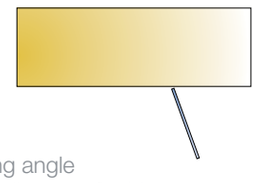
Gap Z_{MIN}=0

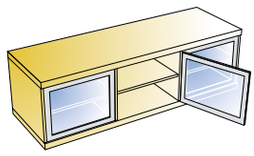
B-type 110 AL

For aluminium frame doors

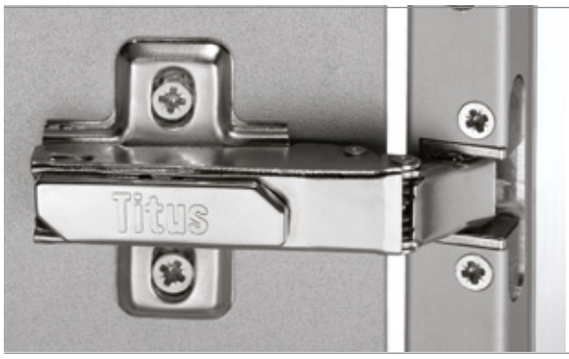


110°



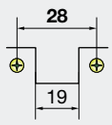


· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	11.5mm
· Hinge on plate mounting system	slide-on



Technical details

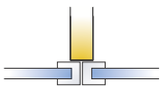
Interaxis
28mm



Cranking	Cup type	Item number
0mm	●	950-0T26-050
	* Fixing screws included	
9mm	●	950-0T49-050
	* Fixing screws included	
15mm	●	950-0T51-050
	* Fixing screws included	

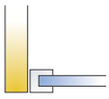
200 Pcs

Cup made of zinc, arm made of steel



200 Pcs

Cup made of zinc, arm made of steel



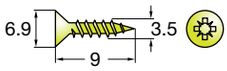
200 Pcs

Cup made of zinc, arm made of steel

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6350-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

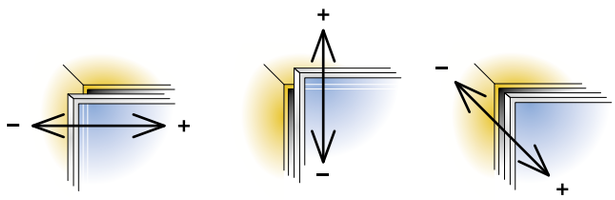
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Opening angle 110°
Hinge on plate mounting system SLIDE-ON

Door adjustment



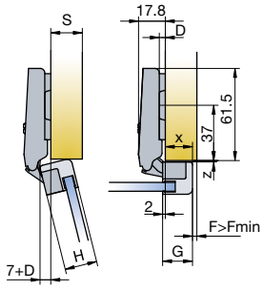
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

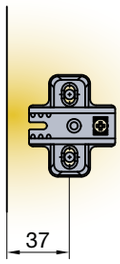
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



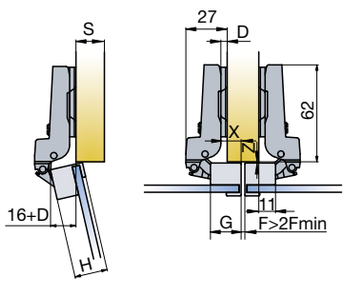
Mounting plate drilling distance

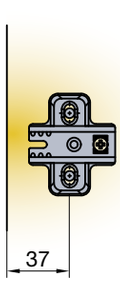


Mounting plate thickness table

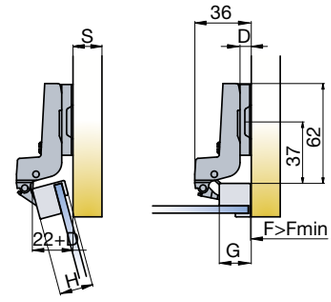
For further explanation ⇢ see page 2.13

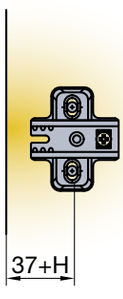
	X	12	13	14	15	16	17	18	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D





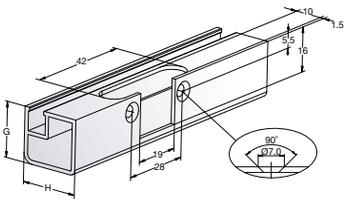
	X	3	4	5	6	7	8	9	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D



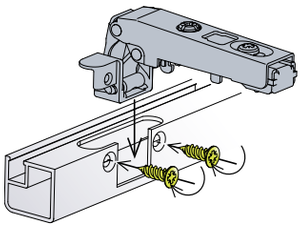


	H	17	18	19	20	21	22	
G	17	1	1	2	2	2	3	
	18	2	2	3	3	3	3	
	19	3	3	3	3			
	20	2	2					D

Drilling pattern for aluminium frame hinges



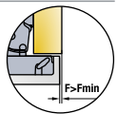
Mounting details



Screws included

Door clearance

For further explanation ⇢ see page 2.14

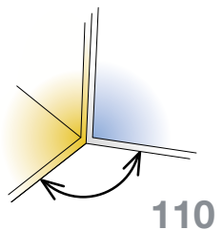


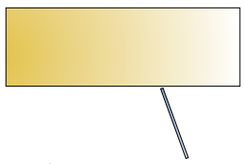
	H	17	18	19	20	21	22	
G	17	0.5	0.7	1.1	1.4	1.8	2.9	
	18	0.5	0.7	1.0	1.3	1.7	2.5	
	19	0.5	0.7	0.9	1.2	1.6	2.1	
	20	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

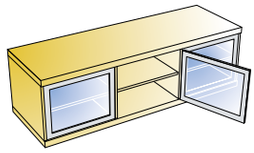
Gap Z_{MIN}=0.5

B-type 110 AL

For aluminium frame doors
Glissando AL soft closing ready

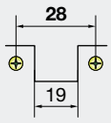






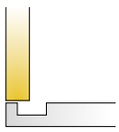
· Opening angle	110°
· Drilling diameter for hinge cup	35mm
· Drilling depth	11.5mm
· Hinge on plate mounting system	slide-on

Interaxis
28mm

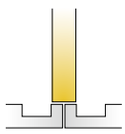


Cranking	Cup type	Item number
0mm	●	950-0464-050
9mm	●	950-0465-050
15mm	●	950-0466-050

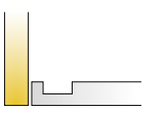
** Fixing screws included*



200 Pcs — Made of steel



200 Pcs — Made of steel

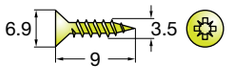


200 Pcs — Made of steel

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6350-050

10000 Pcs

Accessories

Cover caps for hinge arm
⇢ *see page 2.177*

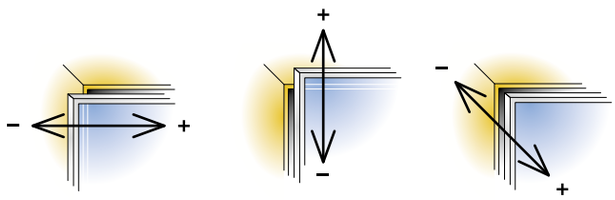
Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

● Screw-on ready
⇠ *screws*

· Hinge for aluminium frame door which can be used with Glissando AL for soft closing solution

Door adjustment



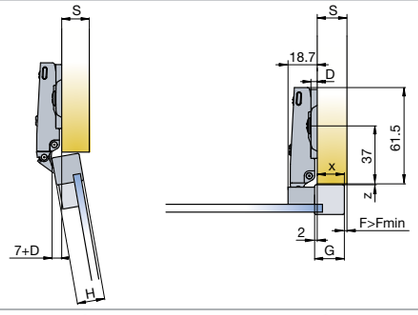
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

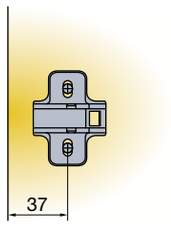
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance

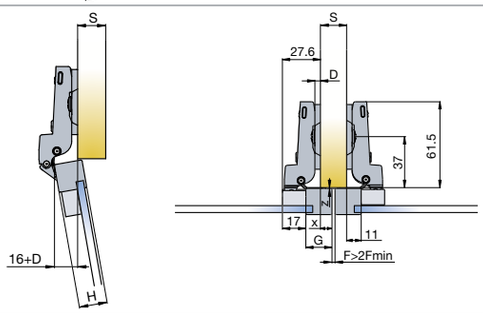


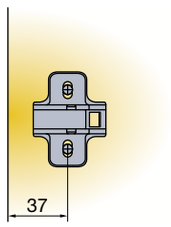
Mounting plate thickness table

For further explanation ⇢ see page 2.13

	X	12	13	14	15	16	17	18	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D

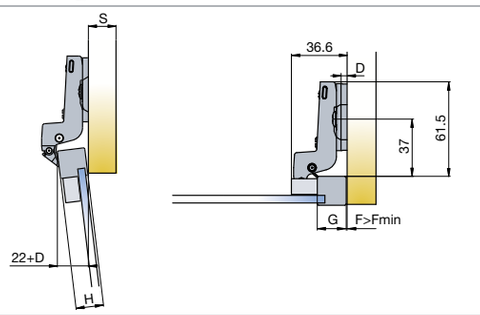
D=13+K-X

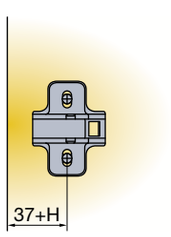




	X	3	4	5	6	7	8	9	
G	17	3	2	1	0				
	18	4	3	2	1	0			
	19	5	4	3	2	1	0		
	20	6	5	4	3	2	1	0	D

D=4+K-X





	X	17	18	19	20	21	22	
G	17	1	1	2	2	3	3	
	18	2	2	3	3	3	3	
	19	3	3	3	3			
	20	3	3					D

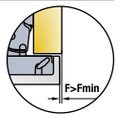
D=-2+K+F

Soft closing systems

Glissando AL
⇢ *see page 2.193*

Door clearance

For further explanation ⇢ see page 2.14

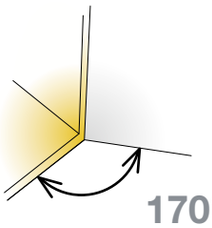


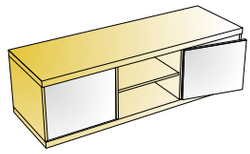
	H	17	18	19	20	21	22	
G	17	0.5	0.7	1.1	1.4	1.8	2.9	
	18	0.5	0.7	1.0	1.3	1.7	2.5	
	19	0.5	0.7	0.9	1.2	1.6	2.1	
	20	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0.5

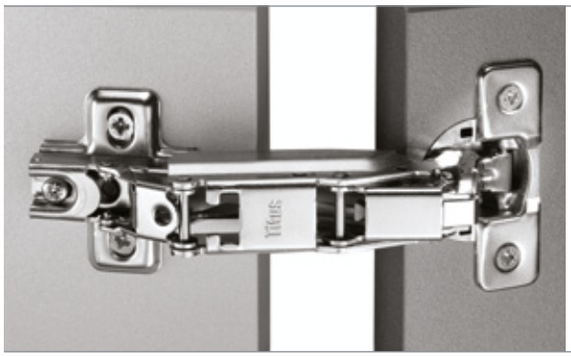
B-type 170

For wood doors



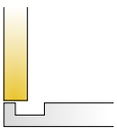


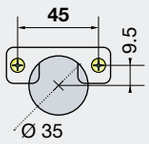
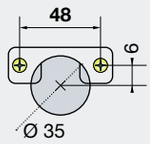
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system slide-on



Cranking

0mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0R10-050	248-0P43-050
	248-0L51-050	248-0R12-050

Drilling patterns for hinge cups ⇢ see page 2.17

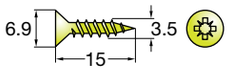
50 Pcs

Made of steel and zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

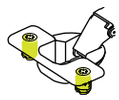
Accessories

Hinge angle restrictor
⇢ *see page 2.175*

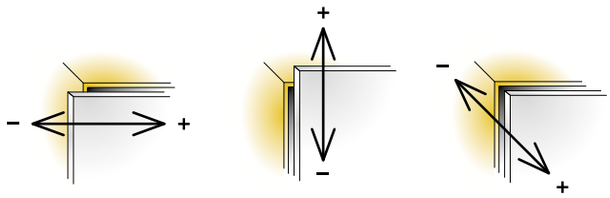
Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready



Door adjustment



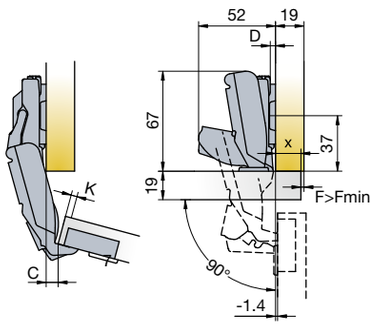
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

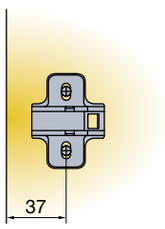
For further explanation ⇢ see pages 2.22-2.24

Mounting details



Drawings show application on D=0mm mounting plate

Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

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

Soft closing systems

Glissando TL 170
⇢ *see page 2.191*

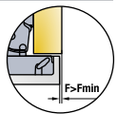
Glissando CR
⇢ *see page 2.195*

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

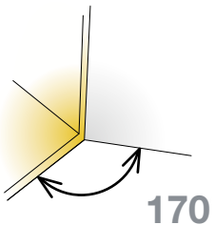


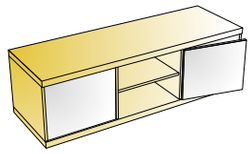
	V	16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0

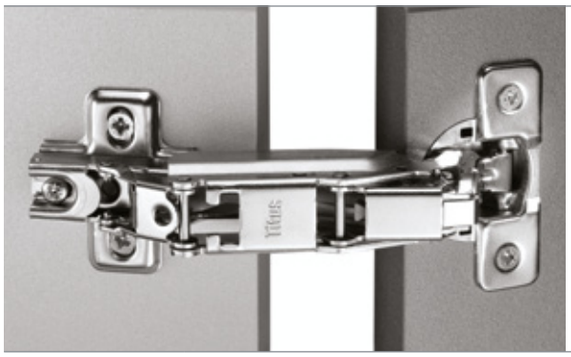
B-type 170

For wood doors



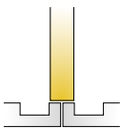


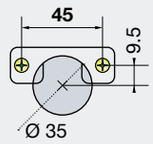
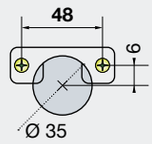
- Opening angle 170°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12mm
- Hinge on plate mounting system slide-on



Cranking

9mm



Cup type	Interaxis 45mm	Interaxis 48mm
		
	Item number	Item number
	248-0160-050	248-0161-050

Drilling patterns for hinge cups ⇢ see page 2.17

50 Pcs

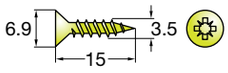
Made of steel and zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws

If not pre-mounted



820-6308-050

10000 Pcs

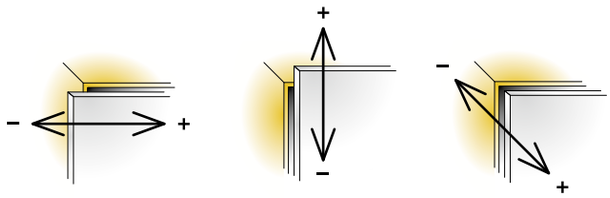
Accessories

Hinge angle restrictor
⇢ *see page 2.175*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Door adjustment



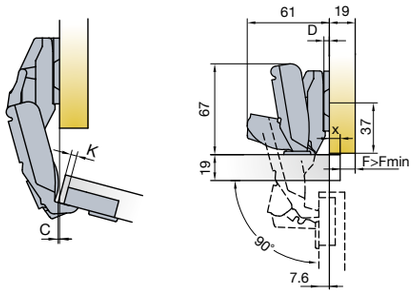
Side adjustment +3/-0.5mm

Height adjustment +2/-2mm

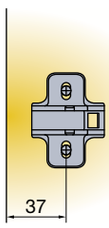
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details



Mounting plate drilling distance



Mounting plate thickness table

For further explanation ⇢ see page 2.13

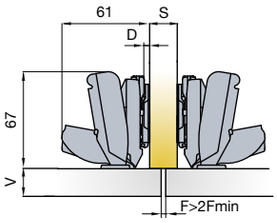
X		1	2	3	4	5	6	7	8	9	10	11	
K	3	6	5	4	3	2	1	0					
	4		6	5	4	3	2	1	0				
	5			6	5	4	3	2	1	0			
	6				6	5	4	3	2	1	0		
	7					6	5	4	3	2	1	0	D

D=4+K-X

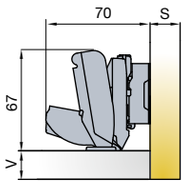
Drawings show application on D=0mm mounting plate

C value with D=0 mounting plates

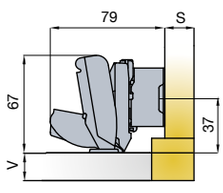
K	3	4	5	6	7	
C	0	0.9	1.9	2.9	3.8	D



Drawing shows application on D=0mm mounting plate



Drawing shows application on D=9mm mounting plate



Drawing shows application on D=18mm mounting plate

Soft closing systems

Glissando TL 170

⇢ *see page 2.191*

Glissando CR

⇢ *see page 2.195*

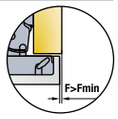
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

Door clearance

For further explanation ⇢ see page 2.14

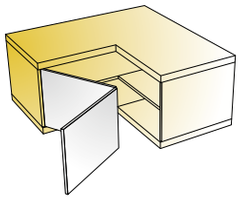


V		16	17	18	19	20	21	22	23	24	
K	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	F_{MIN}

Gap Z_{MIN}=0

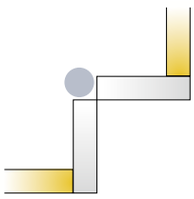
B-type
for Pie-cut Corner Cabinet

For wood doors

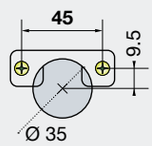


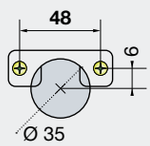
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

Corner cabinet



Cup type	Interaxis 45mm	Interaxis 48mm
	Item number	Item number
	248-0T81-050	248-0T80-050
	248-0U13-050	248-0U14-050





Drilling patterns for hinge cups ⇢ see page 2.17

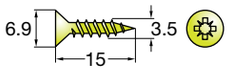
100 Pcs

Cup made of steel, arm made of zinc

Mounting plates

Cruciform mounting plate
⇢ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

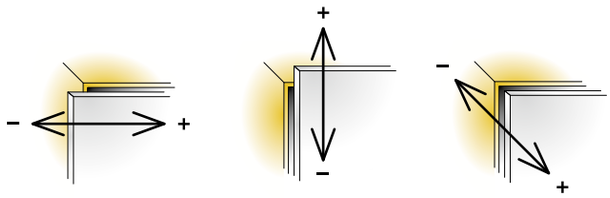
Cover caps for hinge arm
⇢ *see page 2.177*

Legend of hinge cup symbols

Screw-on ready
⇠ *screws*

Machine insertion ready

Door adjustment



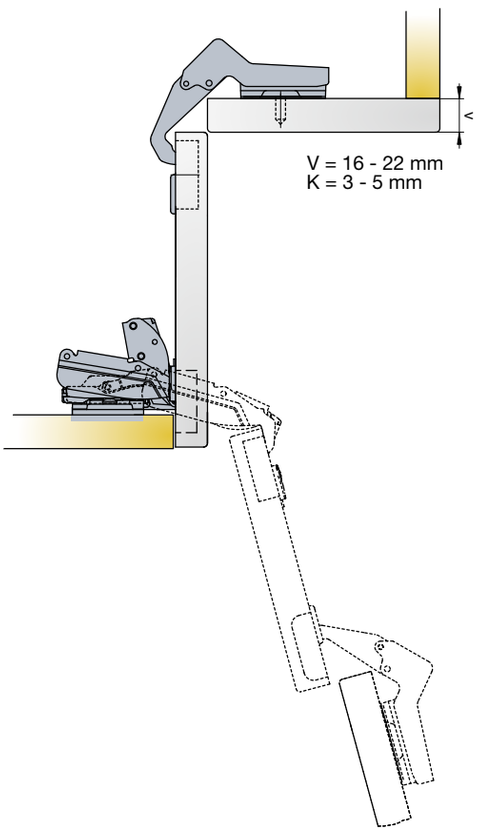
Side adjustment +3/-1mm

Height adjustment +2/-2mm

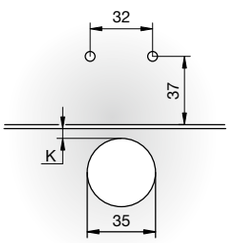
Depth adjustment +5/-1.5mm

For further explanation ⇢ see pages 2.22-2.24

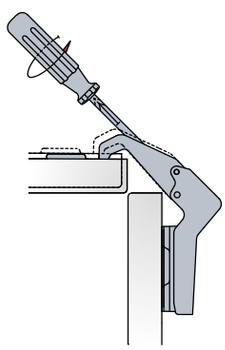
Mounting details



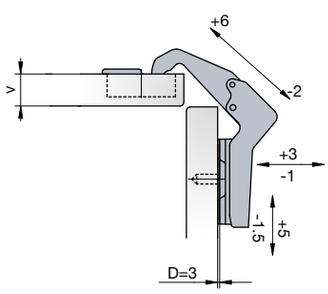
Mounting plate drilling distance



Adjustments



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



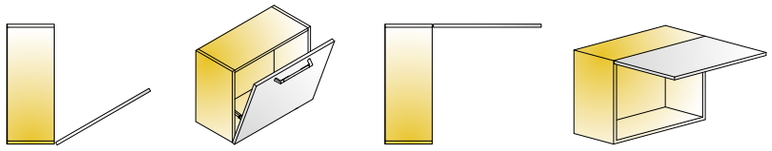
Touch opening

PushOpen Solutions

⇢ *see pages 2.199-2.204*

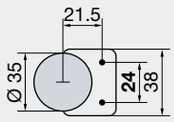
B-type
Flap door hinge

For wood doors

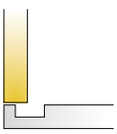


- Opening angle 90°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11.5mm
- Hinge on plate mounting system slide-on

Interaxis
24mm



Cranking
0mm



	Cup type	Item number
left		926-0A26-050
right		926-0A27-050

** For application it is mandatory to order left and right hinge*

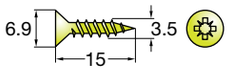
200 Pcs

Cup made of steel

Mounting plates

Cruciform mounting plate
→ *see page 2.167*

Hinge cup screws
If not pre-mounted



820-6308-050

10000 Pcs

Accessories

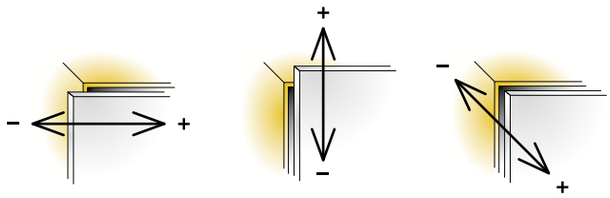
Cover caps for hinge arm
→ *see page 2.177*

Legend of hinge cup symbols

Screw-on ready
← *screws*

Use with flap stay mechanisms

Door adjustment



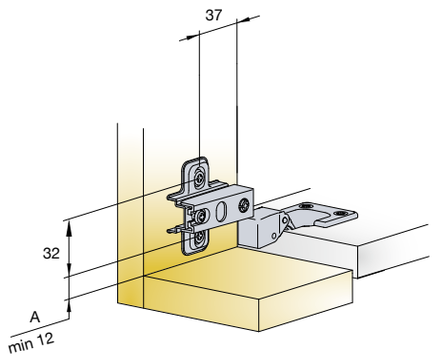
Side adjustment +0.5/-0.5mm

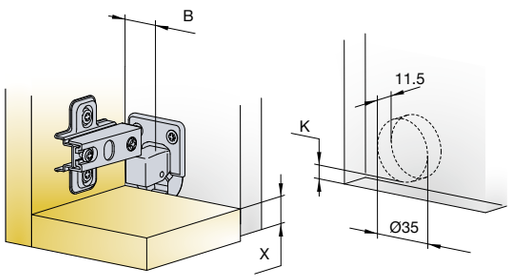
Height adjustment +2/-2mm

Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

Mounting details





B = distance between two holes center for fixing screws on the hinge cup

Mounting plate thickness table

For further explanation ⇢ see page 2.13

D	0	1	2	3
B (mm)	20	21	22	23

D=mounting plate height
X=22.5 + K - A

Touch opening

PushOpen Solutions
⇢ *see pages 2.199-2.204*

Door clearance

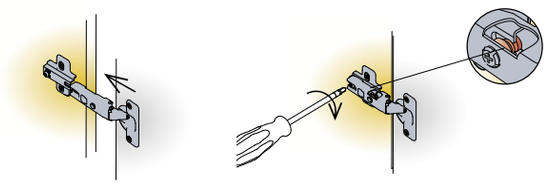
For further explanation ⇢ see page 2.14

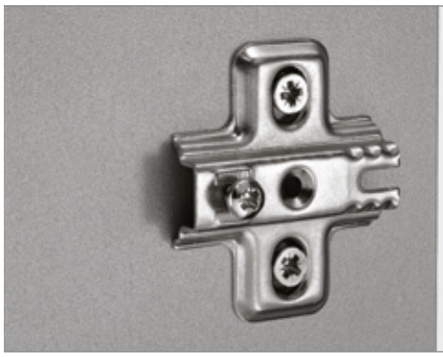
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	F_{MIN}

Gap Z_{MIN}=0

B-type
Mounting Plates

B-type slide-on mounting

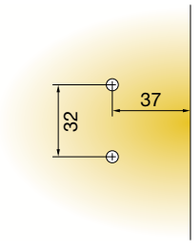


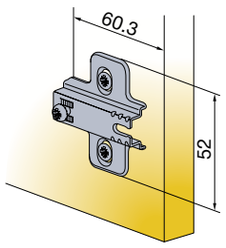


Drilling pattern

Dimensions

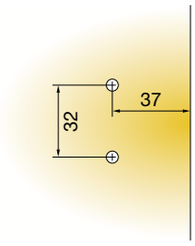
Cruciform mounting plate

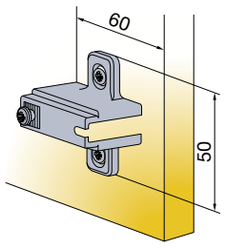




200 Pcs Made of steel

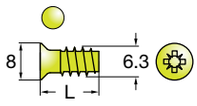
Zinc diecast cruciform mounting plate





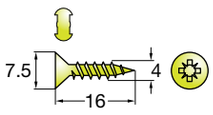
200 Pcs Made of zinc

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

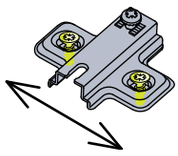
10000 Pcs



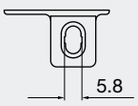
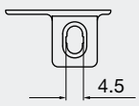
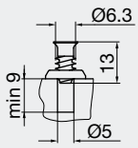
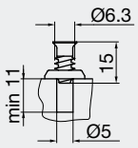
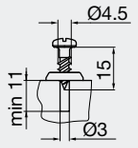
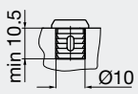
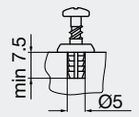
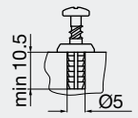
Chipboard screws
820-6328-050

10000 Pcs

Mounting plate thickness



Height adjustment +/- 2mm

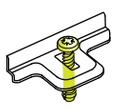
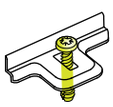
Mounting plate type			13	15			7.5	10.5
Mounting plate thickness (D)								
	Item number	Item number	Item number	Item number	Item number	Item number	Item number	Item number
0mm	244-0866-050	*244-0L29-050	244-0965-050	244-0929-050	*244-0L26-050	*244-0L50-050	244-0H64-050	244-0P24-050
1mm	244-0T40-050		244-0K95-050		*244-0S65-050		244-0S67-050	
2mm	244-0T28-050		244-0K96-050		*244-0S66-050	*244-0V64-050	244-0S68-050	
3mm	244-0867-050	*244-0L39-050	244-0G19-050	244-0930-050	*244-0L98-050	*244-0L40-050	244-0H65-050	244-0P25-050

* Available upon special request ⇢ *see page 0.3*

4mm	244-0L37-650		244-0K97-650				244-0M28-650	
5mm	244-0L38-650		244-0K98-650	244-0T14-650			244-0M29-650	
6mm	244-0232-650		244-0914-650			*244-0B12-650		
9mm	244-0062-650		244-0067-650	244-0P41-650				
18mm	244-0063-650		244-0068-650	244-0175-650				

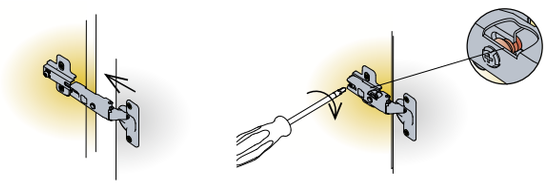
* Available upon special request ⇢ *see page 0.3*

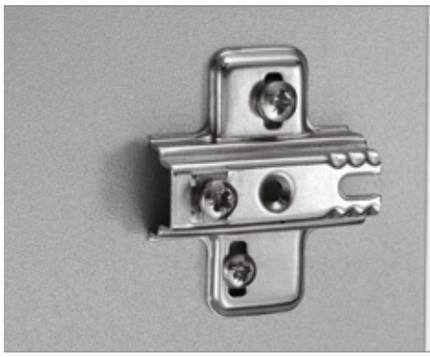
Legend of mounting plate type symbols

		13	15			7.5	10.5
Screw-on ready for euro screws ⇠ *screws*	Screw-on ready for chipboard ⇠ *screws*	Pre-mounted 13mm euro screws	Pre-mounted 15mm euro screws	Pre-mounted chipboard screws	Machine insertion ready	Pre-mounted 7.5mm expanidng dowels	Pre-mounted 10.5mm expanding dowels
							

B-type
Mounting Plates

B-type slide-on mounting



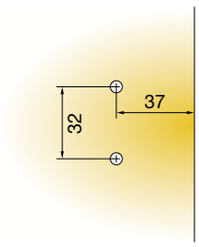


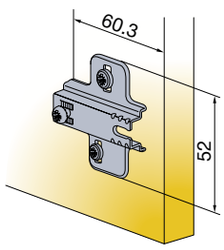
Drilling pattern

Dimensions

Cruciform mounting plate

· Back-to back application

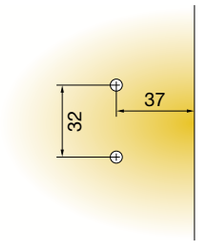


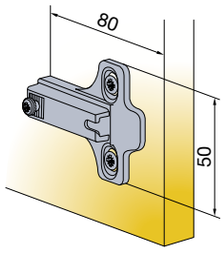


200 Pcs Made of steel

Zinc diecast cruciform mounting plate

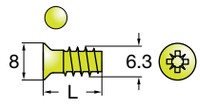
· For 18mm inset doors





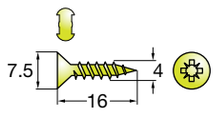
200 Pcs Made of zinc

Fixing screws for mounting plates
If not pre-mounted



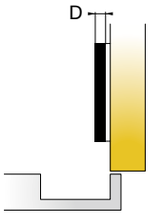
Euro screws
821-6304-050 L=11
821-6323-050 L=13
821-6332-050 L=15

10000 Pcs

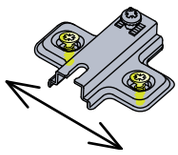


Chipboard screws
820-6328-050

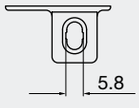
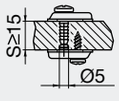
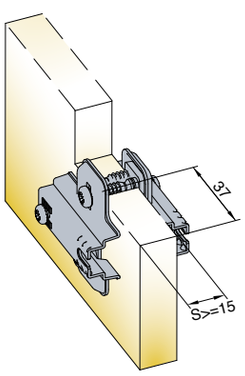
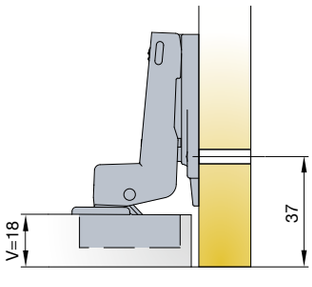
10000 Pcs



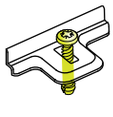
Mounting plate thickness



Height adjustment +/- 2mm

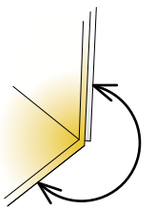
	Mounting plate type		10.5	
	Mounting plate thickness (D)	 Item number	 Item number	
 Minimum panel thickness is 15mm	3mm		244-0V50-050	
 Fits standard 37mm drilling	2mm	244-0036-650		

Legend of mounting plate type symbols

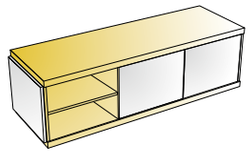
Screw-on ready for euro screws ⇠ *screws*	10.5 Pre-mounted 10.5mm expanding dowels
	

Wide Angle Hinge 270

For wood doors



270°



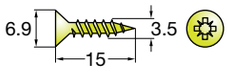
- Opening angle 270°
- Drilling diameter for hinge cup 35mm
- Drilling depth 12.5mm
- Hinge on plate mounting system key-hole

	Technical details	Cup type	With spring Item number
Wide angle hinge 270			
			241-0043-650
			241-0050-650
200 Pcs Made of zinc			
Cruciform mounting plate	D=0mm		244-0907-650
		13	244-0848-650
	D=2mm		244-0D99-650
		13	244-0E02-650
	D=6mm		244-0D47-650
		13	244-0D46-650
200 Pcs Made of zinc			*This mounting plate can be only used with Wide angle hinge 270. Information about mounting plate symbols ⇢ see page 2.168*

Mounting plates

This hinge can be only used with above cruciform mounting plate

Hinge cup screws
If not pre-mounted



820-6308-050

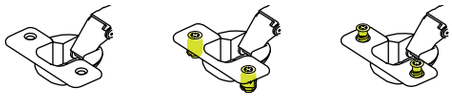
10000 Pcs

Legend of hinge cup symbols

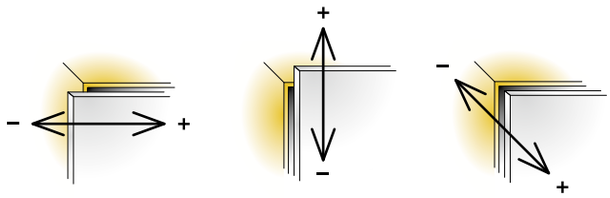
Screw-on ready ⇠ *screws*

Machine insertion ready

Pre-mounted euro screws



Door adjustment

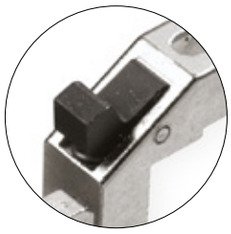


Side adjustment +3/-0mm

Height adjustment +2/-2mm

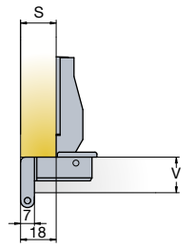
Depth adjustment +4/-0mm

For further explanation ⇢ see pages 2.22-2.24

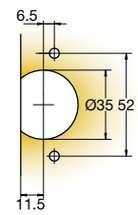


With spring

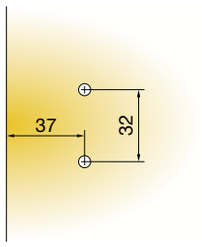
Mounting details



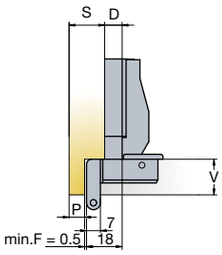
Drawing shows application on D=0 mounting plate and S=18 side panel.

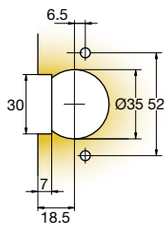


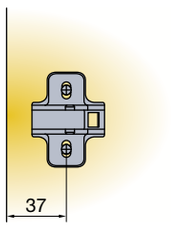
Drawing shows application on D=6mm mounting plate



Mounting plate drilling distance







Mounting plate drilling distance

Mounting plate thickness table

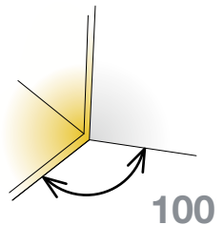
For further explanation ⇢ see page 2.13

	S	16	17	18	19	20	21	22	23	24	
	0	2		0							
	1		2		0						
	2			2		0					
	3				2		0				
	4	6				2		0			
	5		6				2		0		
P	6			6				2		0	
	7				6				2		
	8					6				2	
	9						6				
	10							6			
	11								6		
	12									6	D

Door thickness

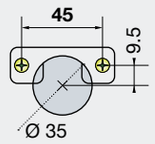
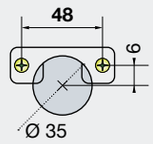
For correct opening, door thickness has to be (V_{MAX}) 21mm

Refrigerator Cabinet Door Hinge 100

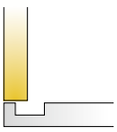


- Opening angle 100°
- Drilling diameter for hinge cup 35mm
- Drilling depth 11mm
- Hinge on plate mounting system key-hole

Technical details

Cup type	Interaxis 45mm	Interaxis 48mm
		

Cranking 0mm



Cup type	Item number	Item number
	248-0R09-050	248-0K10-050
		248-0M41-050

Drilling patterns for hinge cups ⇢ see page 2.17

200 Pcs

Cup made of steel, arm made of zinc

Cruciform mounting plate

Cup type	Item number	
	244-0655-050	
13	244-0846-050	

This mounting plate can be only used with Refrigerator cabinet door hinge 100.
Information about mounting plate symbols *⇢ see page 2.168*

500 Pcs

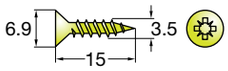
Made of steel

Mounting plates

This hinge can be mounted only with above cruciform mounting plates.

Hinge cup screws

If not pre-mounted



820-6308-050

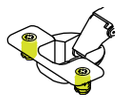
10000 Pcs

Legend of hinge cup symbols

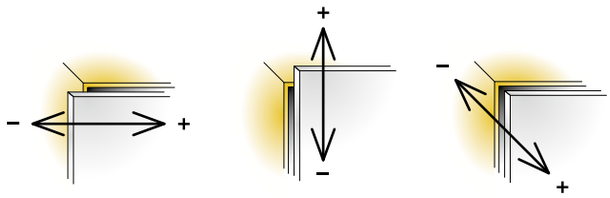
Screw-on ready

⇠ screws

Machine insertion ready



Door adjustment



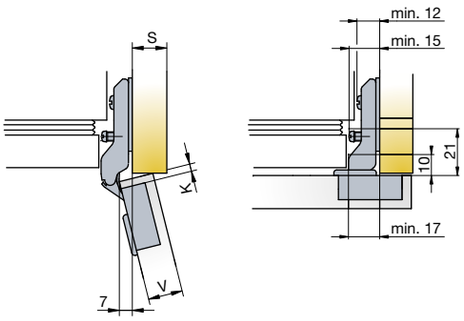
Side adjustment +3/-0mm

Height adjustment +2/-2mm

Depth adjustment +4/-0mm

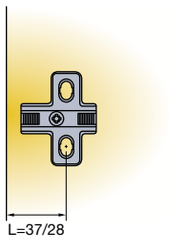
For further explanation ⇢ see pages 2.22-2.24

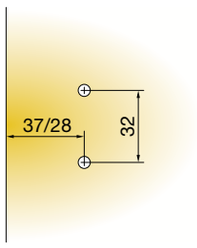
Mounting details



Drawings show application on mounting plate

Mounting plate drilling distance





Door clearance

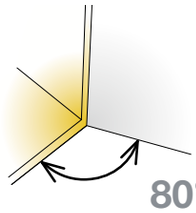
For further explanation ⇢ see page 2.14

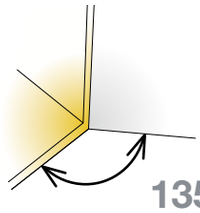
V		16	17	18	19	20	21	22	
K	3	0.3	0.5	0.7	1.0	1.3	1.7	2.5	F_{MIN}
	4	0.3	0.5	0.7	0.9	1.2	1.6	2.1	
	5	0.3	0.5	0.7	0.9	1.2	1.5	2.0	

Gap Z_{MIN}=0

Hinge Angle Restrictors

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

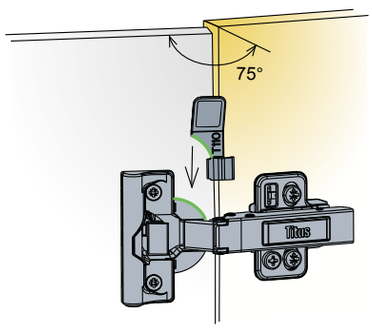




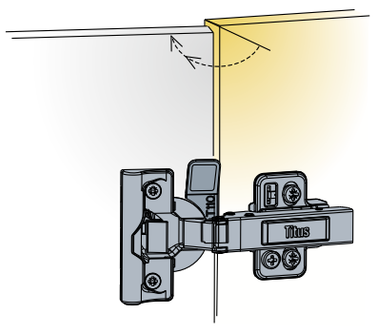
	Technical details	Item number	Light grey
80° Hinge Angle Restrictor T-type	For all T-type 110°	728-4669	380
200 Pcs — Made of plastic			
80° Hinge Angle Restrictor S-type, B-type	For all S-type 110° and B-type 110°	248-4668	380
200 Pcs — Made of plastic			
135° Hinge Angle Restrictor	For all 170° hinges	248-4672	380
200 Pcs — Made of plastic			

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

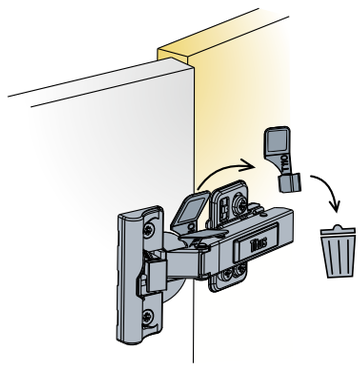
Mounting details



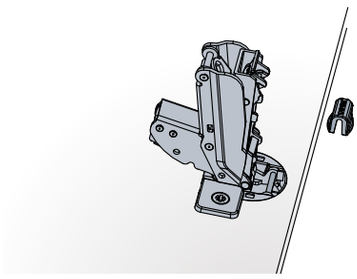
Open the door to approximately 75° and position angle restrictor to follow the hinge cup form



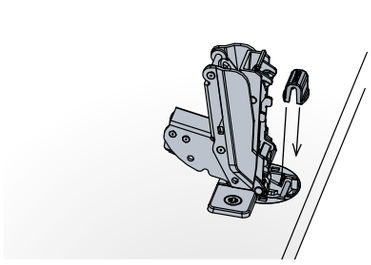
Slightly open the door to hear the click meaning angle restrictor is in the right position



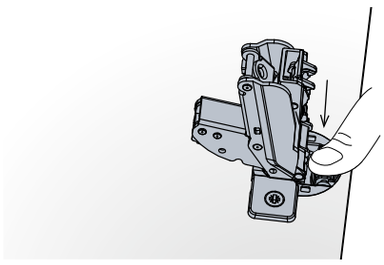
Close the door to remove the restrictor holder (cracks by itself while closing the door)



Hinge has to be in closed position



Insert angle restrictor into the hinge cup

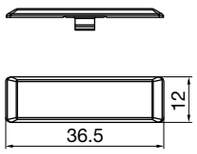


When angle restrictor is in the right position push it down

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

Cover Caps

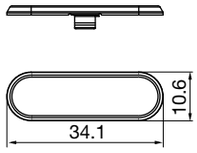
Technical details	Plate type	Material/ surface	Item number	Nickel plated
T-type	Titus	steel	**728-1286**	054
	neutral	steel	**728-1283**	054



Only for T-type 110 0mm, 120 0mm, 110/15°, 110/30°, 110/45° 9mm, 17mm and 23mm, 110/90° 17mm

5000 Pcs Made of steel

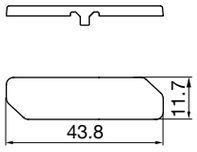
T-type	Titus	steel	**728-1287**	054
	neutral	steel	**728-1284**	054



For all T-type range

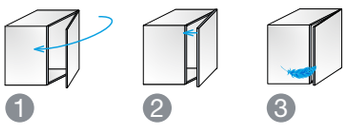
5000 Pcs Made of steel

S-type **B-type**	Titus	steel	**248-1646**	050
	neutral	steel	**248-1712**	050



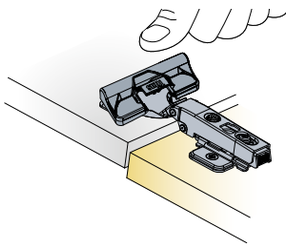
4000 Pcs Made of steel

Glissando Soft Closing Systems for Hinges



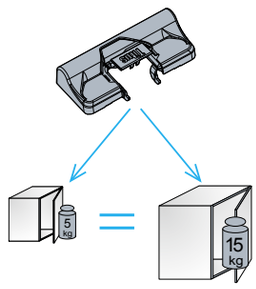
ConfidentClose

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



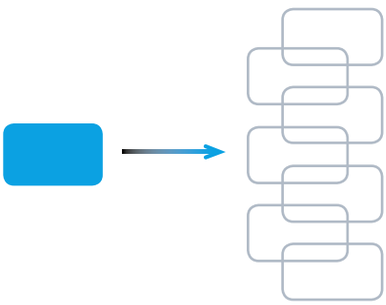
Tool-less mounting

- 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
- 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.

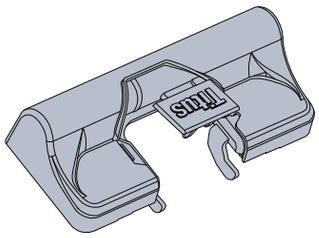
Concealed hinges	Add-on hinge soft closing solutions			Stand-alone door soft closing solution	
	Glissando TT	Glissando TL3	Glissando TL 170	Glissando CR	Glissando AL
T-type 95	X			X	X
T-type 110	X			X	X
T-type 110/15°	X				
T-type 110/30°	X				
T-type 110/45°	X				
T-type 110/90°	X				
T-type 120	X			X	X
T-type 170			X	X	X
S-type 110		X		X	X
S-type 110/15°		X			
S-type 110/24°		X			
S-type 110/30°		X			
S-type 110/45°		X			
S-type 110/90°		X			
S-type 170			X	X	X
S-type 110 AL					X
B-type 110		X		X	X
B-type 110/30°		X			
B-type 110/45°		X			
B-type 110/90°		X			
B-type 170			X	X	X
B-type 110 AL					X

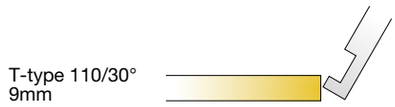
Titus Glissando soft closing devices can not be used with unsprung and reverse spring hinges.
for details check page 2.24

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



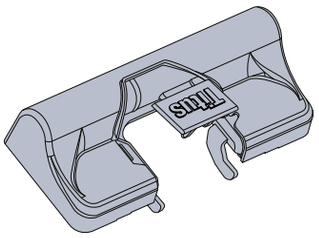


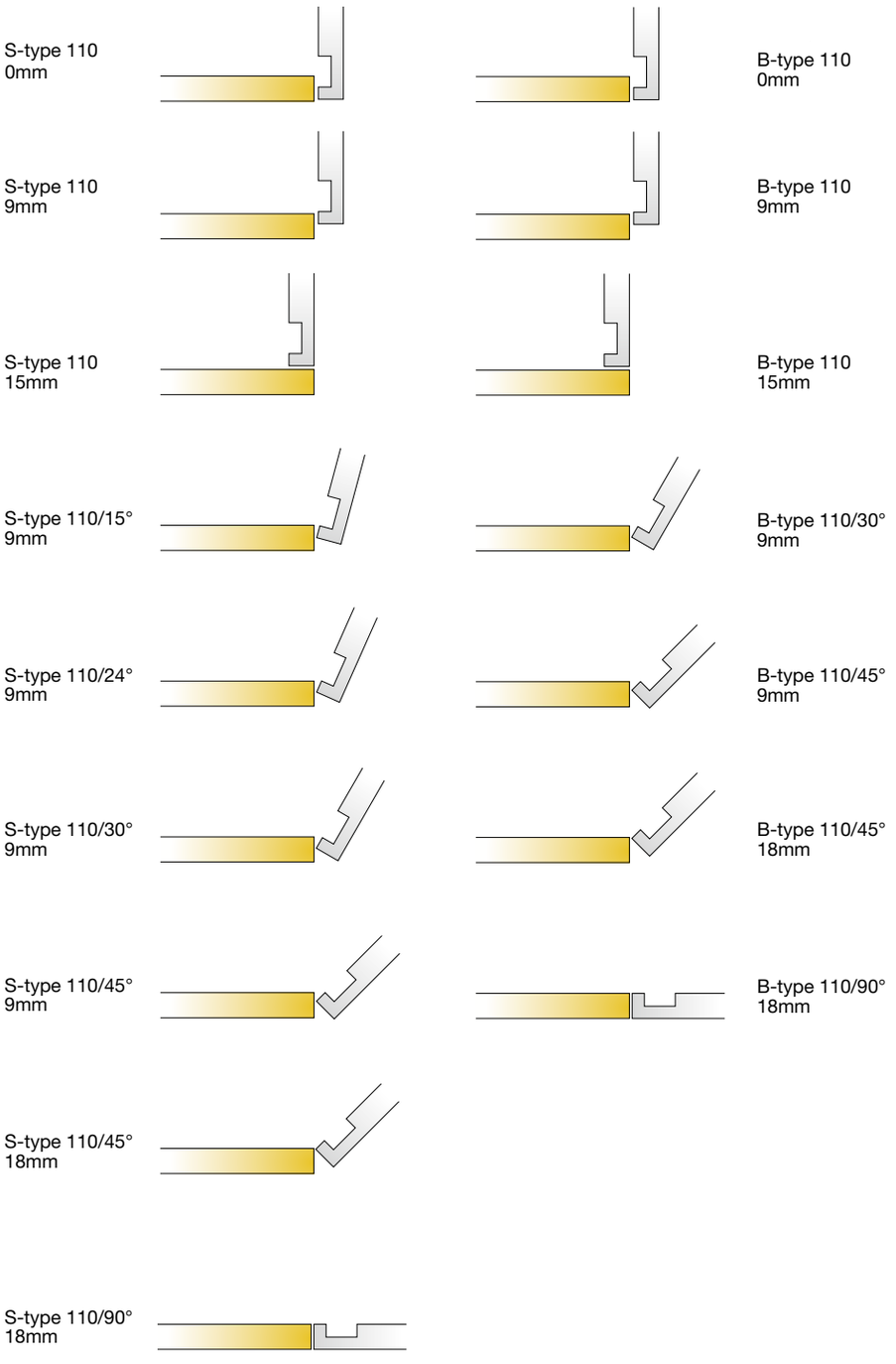
Glissando
Application

Glissando TL3 'One-for-all'

S-type
B-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





Glissando
Number per Door and Positioning

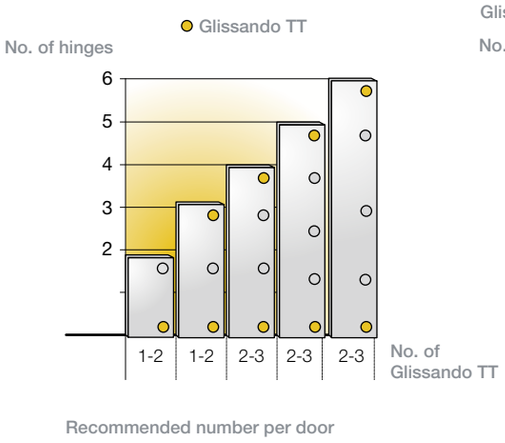
How Many Glissandos per Door?

Add-on hinge soft closing solution

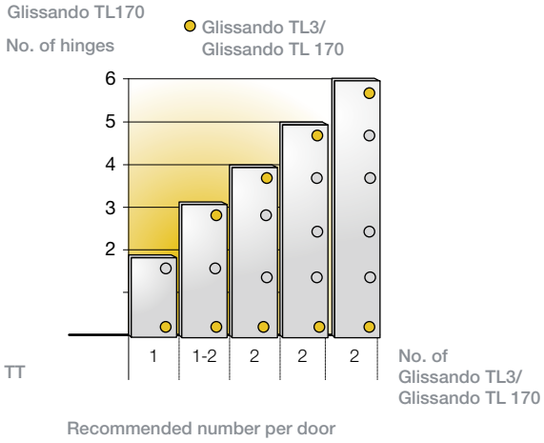
Glissando TT
Glissando TL3
Glissando TL 170

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

Glissando TT



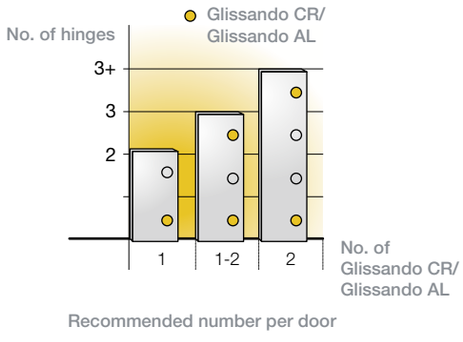
Glissando TL3
Glissando TL170



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.

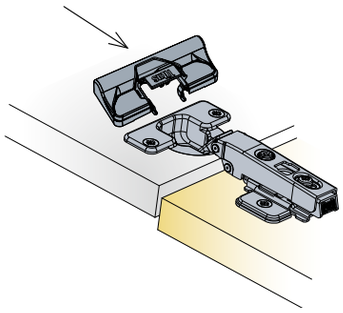


Glissando
Mounting

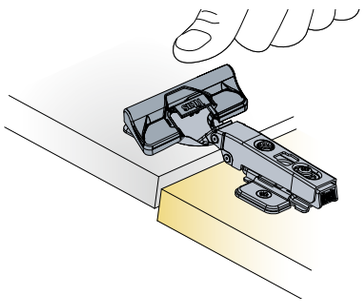
How to Mount Glissando?

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.



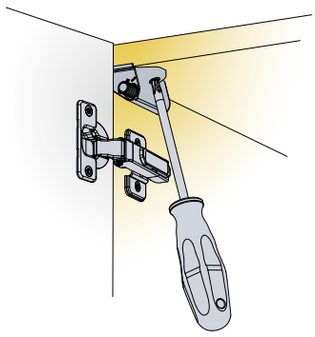
The tool-less ‘snap on’ version for reduced assembly time and flexibility of application. Glissando TL can be mounted at any time after furniture assembly so can be offered as a retro fit option by the installer.

Screw-on into the cabinet corner

Glissando CR

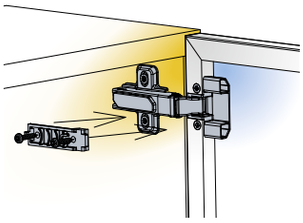
Glissando CR is mounted into the cabinet corner by using chipboard screws 20mm long.

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

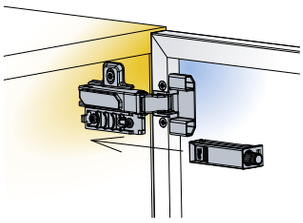


Screw-on onto the mounting plate

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?

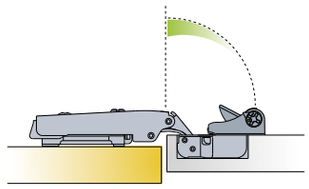
Add-on hinge soft closing solution

Glissando TL 170

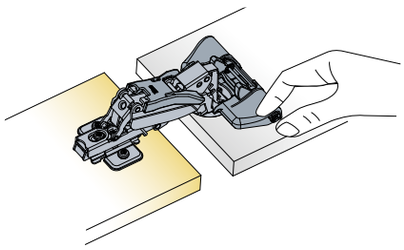
Glissando features quarter turn adjustment to provide optimal closing speed for any door dimensions and weight.

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

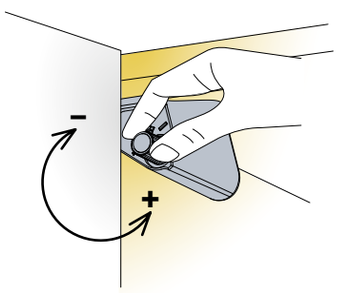


Turn towards '+' to increase and '-' to decrease the damping

Stand-alone soft closing solution

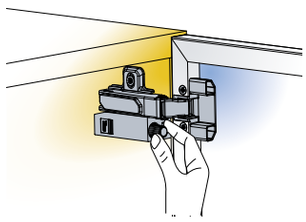
Glissando CR
Glissando AL

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



- Simple mounting
- Intuitive damping adjustment

Damping adjustment



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

Glissando
Titus Damper Inside

Titus Hydraulic Damper

Efficient modular design

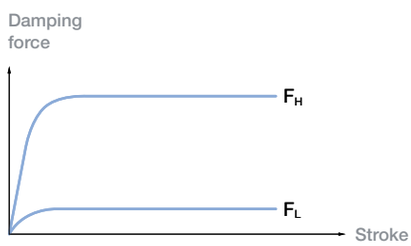
- Low number of assembly parts enables quick development of customised solutions
- Engineered for efficient and high precision manufacturing
- Wide range of applications

Wide operating scope

- High coefficient γ of Titus damper assures efficient damping at any closing speed
- Damping force can be easily adapted to customer needs

$$\gamma = \frac{F_H}{F_L}$$

F_H – damping force at slam speed (12mm/s)
F_L – damping force at slow speed (1mm/s)



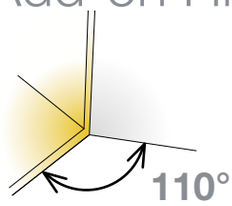
Reliable damping and closing at any speed

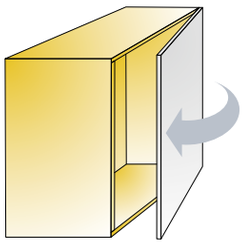
Higher coefficient γ means reliable damping at high speed and ensures that the system will reach its final position even at very slow speed

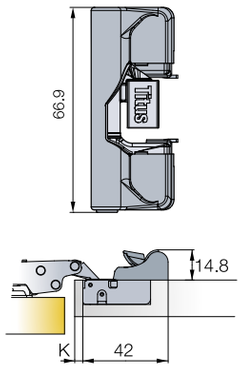
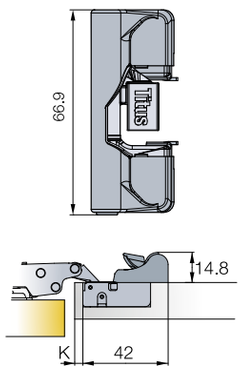
Glissando TT
Glissando TL3

Add-on Hinge Damper

For 95°, 110° and 120° hinges



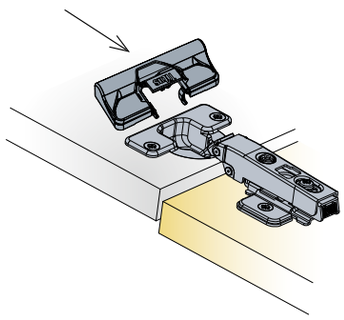


	Technical details	Hinge opening angle	Item number
Glissando TT · T-type 95 · T-type 110 · T-type 120		95°, 110°, 120°	**729-0K71-054**
200 Pcs Made of steel and plastic			
Glissando TL3 · S-type 110 · B-type 110		110°	**951-0D45-054**
200 Pcs Made of steel and plastic			

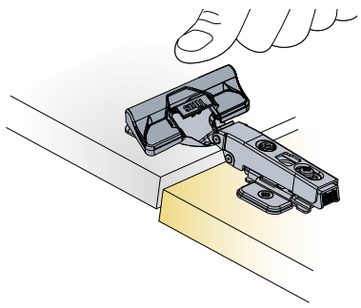
- Same item can be used on most of crankings and angled hinges
- Intuitive snap-on mounting
- Low protrusion in cabinet interior
- Consistent performance across a broad range of furniture doors

Mounting details

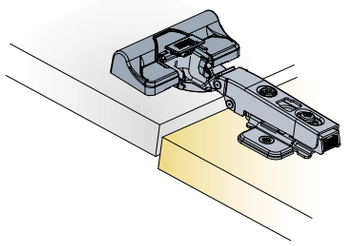
Tool-less mounting



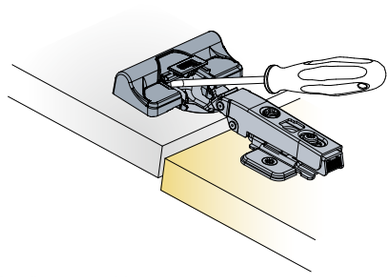
Insert Glissando TL into the holes on the hinge



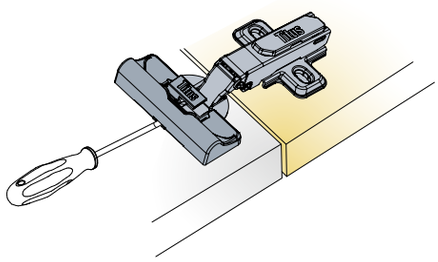
Press down



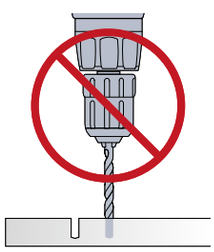
Dismounting details



Use flat screwdriver

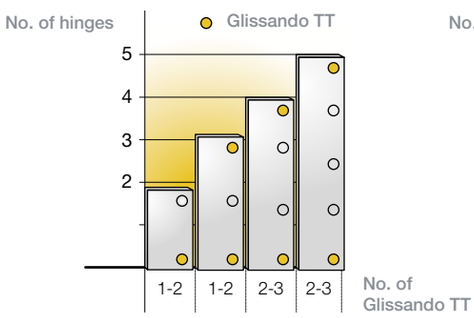


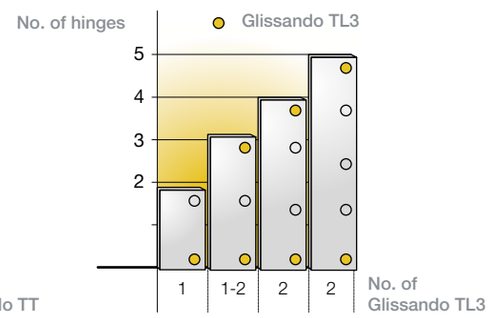
A trial mounting is always recommended.



No additional drilling is required

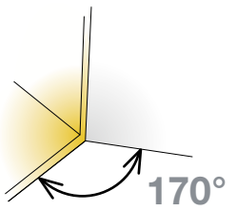
Recommended number of Glissandos per door

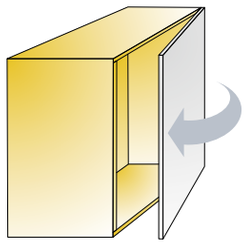




Glissando TL 170
Add-on Hinge
Door Soft Close

For T-type 170, S-type 170 and B-type 170



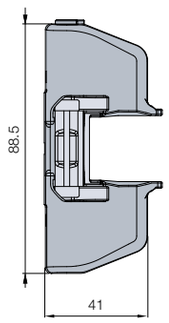


Technical details

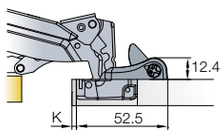
Hinge opening angle	Item number
170°	951-0F15-650

Glissando TL 170

Soft closing mechanism



Striking plate

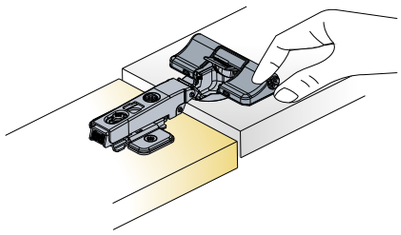


Box content
100 pcs soft closing mechanisms
100 pcs striking plates

100 Pcs Made of steel and plastic

- 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

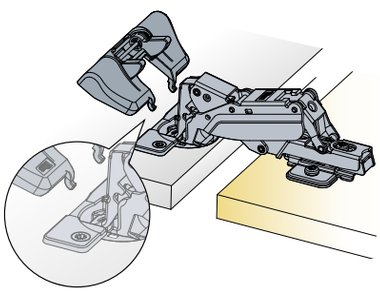
Damping adjustment



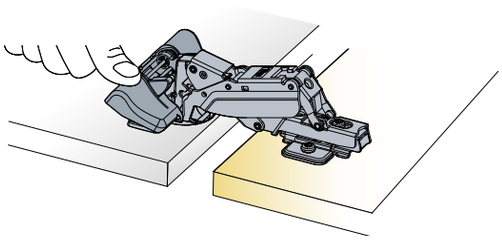
Turn towards '+' to increase and '-' to decrease the damping

Mounting details

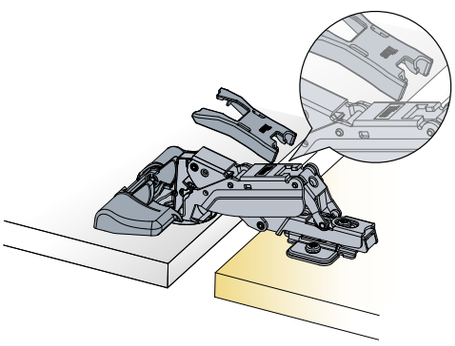
Tool-less mounting



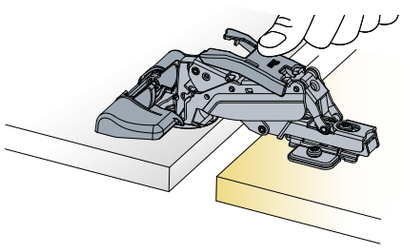
Insert Glissando TL 170 into the holes on the hinge cup



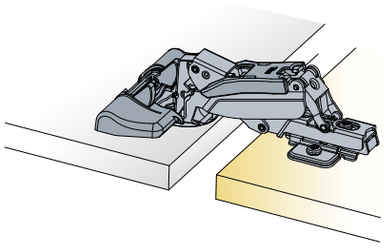
Press down

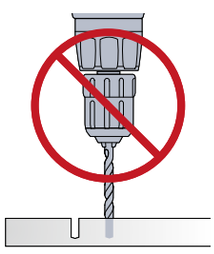


Place the striking plate into the hole on the hinge arm



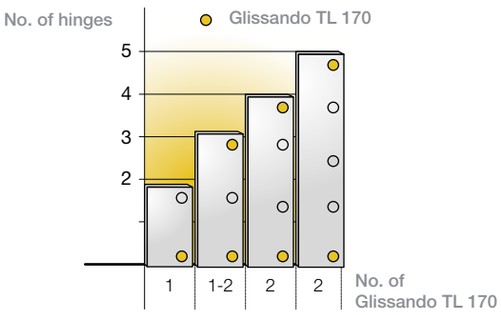
Press down





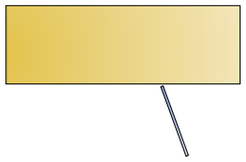
No additional drilling is required

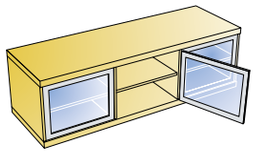
Recommended number of Glissandos per door



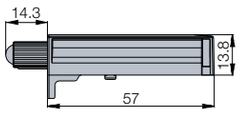
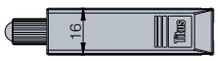
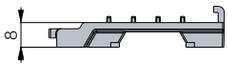
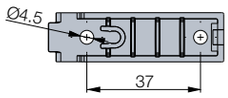
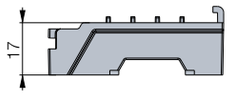
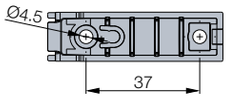
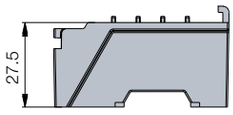
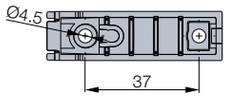
Glissando AL
Add-on Hinge
Door Soft Close

For 20mm aluminium frame doors

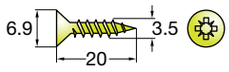




- Simple mounting
- Intuitive damping adjustment

	Technical details	Item number	Grey
Glissando AL	 	**972-0420** →	380
200 Pcs			
Full overlay mounting plate	 	**972-4564** →	380
200 Pcs			
Half overlay mounting plate	 	**972-4565** →	380
200 Pcs			
Inset door mounting plate	 	**972-4566** →	380
200 Pcs			

Hinge cup screws
If not pre-mounted

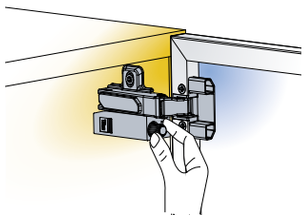


972-6344-042

1000 Pcs

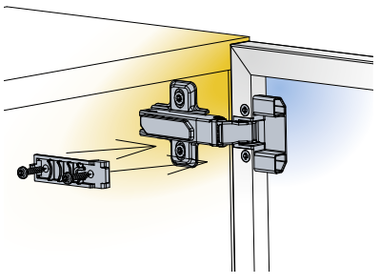
· Simple mounting
· Intuitive damping adjustment

Damping adjustment

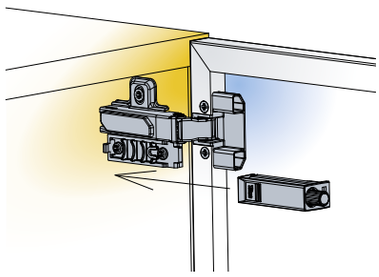


Turn towards '+' to increase and '-' to decrease the damping

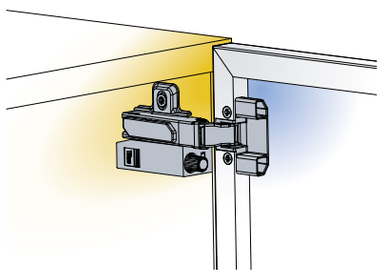
Mounting procedure

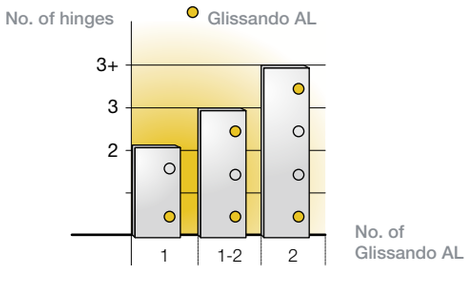


Position the mounting plate below the hinge arm and fix it with two screws. Use hinge mounting plate as a reference.



Slide Glissando AL onto the mounting plate.

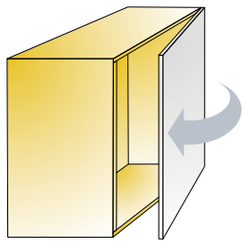




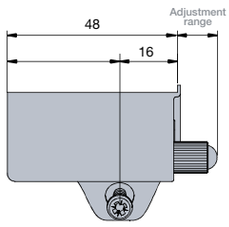
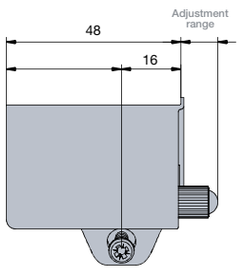
Recommended number per door

Glissando CR
Stand-alone
Door Soft Close

For full overaly and half overaly concealed hinges



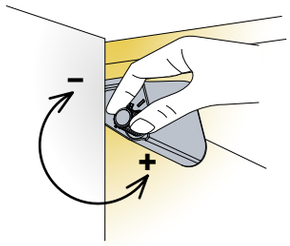
Technical details

	Hinge opening angle	Cranking	Item number	White housing	Grey housing	Beige housing
Glissando CR for full overlay hinges Nominal 11 (Adjustment: Nominal + 5mm)  100 Pcs Made of plastic	110°	0mm, 5mm	**972-0X19**	350	380	360
Glissando CR for half overlay hinges Nominal 10 (Adjustment: Nominal + 5mm)  100 Pcs Made of plastic	110°	9mm, 17mm	**972-0X34**		380	

**Fixing screw included in a set*

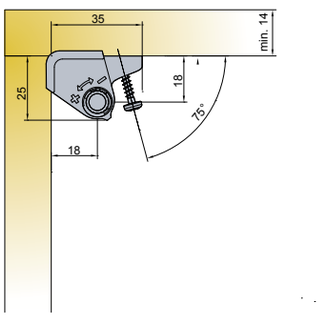
- Intuitive ‘place and fix’ installation in the corner of the cabinet
- Tool-less damping adjustment
- One item for a wide range of doors
- Reliable performance

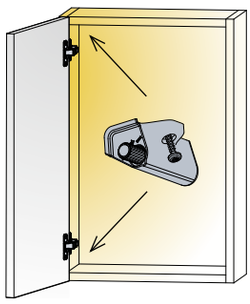
Damping adjustment



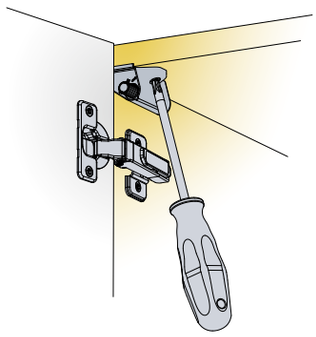
Turn towards ‘+’ to increase and towards ‘-’ to decrease the damping

Mounting details

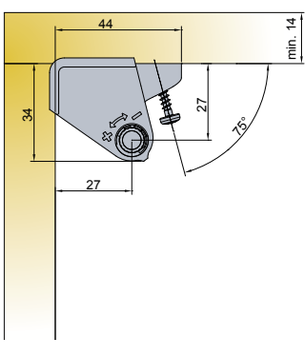


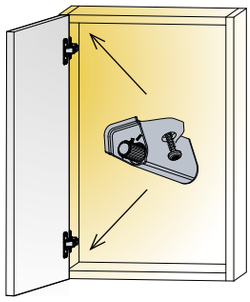


Mount Glissando CR on the hinged side of the cabinet

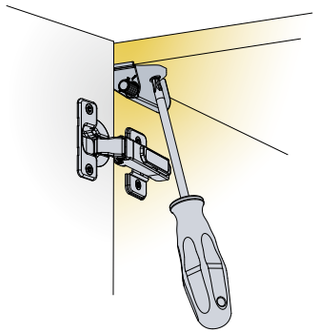


One screw fixing



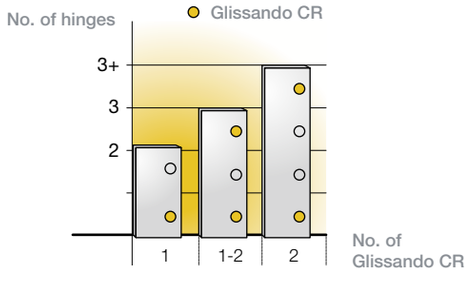


Mount Glissando CR on the hinged side of the cabinet

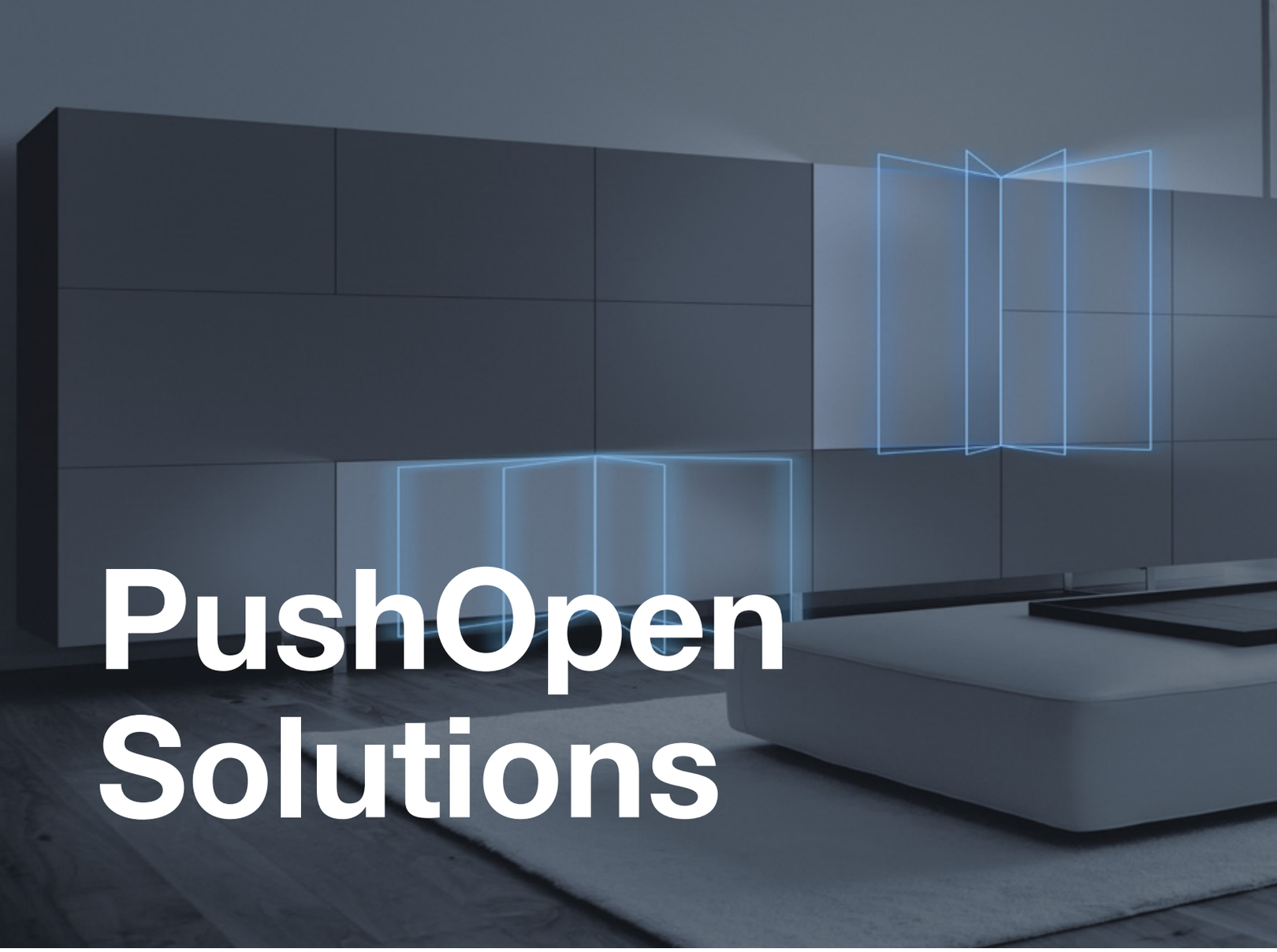


One screw fixing

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



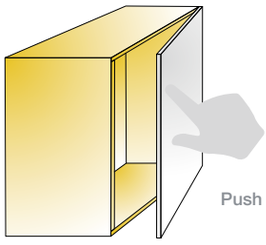
Recommended number per door



PushOpen Solutions

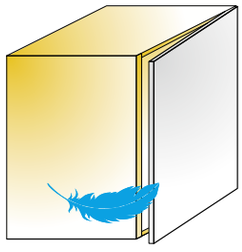
A comprehensive range of solutions for handleless cabinets

- For doors and drawers
- Surface mounted or built-in
- With or without magnet



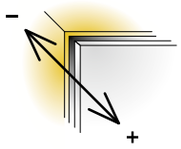
Effortless touch opening

- Easy opening with minimum effort
- Gentle, reliable closing with just a light louch



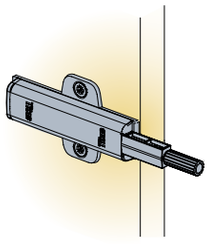
Reliable performance

- Reliable door opening and closing throughout the life-time



Toolless door gap adjustment

- Easy to compensate any door gaps that might occure during installation
- Simple turn of the adjustment button by hand
- Ensures reliable closing and opening of doors or drawers



Safety detachment

- Push Latch easily disengages from the mounting plate in case of accidental hits
- Secure detachment

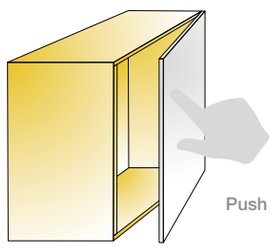
TeraBlack
TITUS ENHANCED RESISTANCE APPLICATION

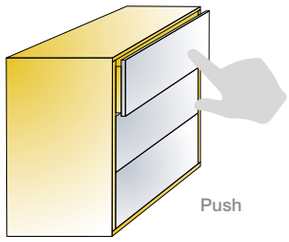
TeraBlack

- Non-reflective matte surface reduced visual prominence of hardware in cabinet
- Complements and enhances all types of furniture
- Enhanced corrosion resistance

Push Latch

For wood doors and drawers





	Spring force [N] (released)	Spring force [N] (loaded)	Item number	Bronze
Push Latch				
With bumper	10	20	**915-0X59**	381
With bumper	13	27	**915-0320**	381
With magnet	10	20	**915-0D22**	381
Linear m. plate			**915-4175**	381
Cruciform m. plate			**915-4183**	381

Push Latch

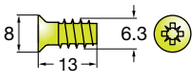
Cruciform mounting plate

Linear mounting plate

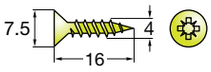
	Sets:	
	Cruciform m. plate	Linear m. plate
With bumper	**915-0X59-381-K1**	**915-0X59-381-K2**
	200 Sets	200 Sets
With magnet	**915-0D22-381-K1**	**915-0D22-381-K2**
	200 Sets	200 Sets

200 Pcs Made of steel and plastic

Fixing screws for mounting plates



Euro screws
821-6323-050
5000 Pcs



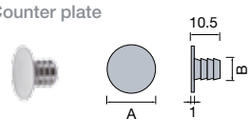
Chipboard screws
820-6328-050
10000 Pcs

Accessories for Push Latch with magnet (Nickel plated steel)

Counter plate self adhesive

A = Ø15 **915-7159-050** 500 Pcs

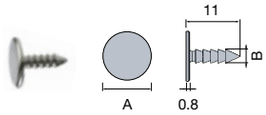
Counter plate



A = Ø10 B = Ø5 **915-7196-050** 500 Pcs

A = Ø15 B = Ø8 **915-7190-050** 500 Pcs

Knock-in Counter plate

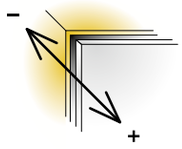


A = Ø10 B = Ø2.8 **915-7199-050** 500 Pcs

- 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

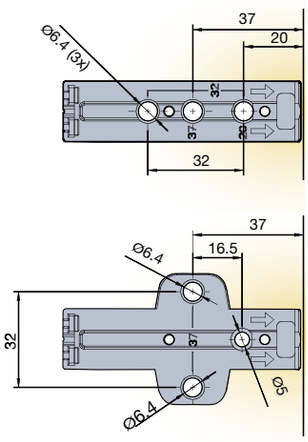
PushOpen with bumper works with standard hinge
PushOpen with magnet works with reverse spring or unsprung hinges

Door adjustment

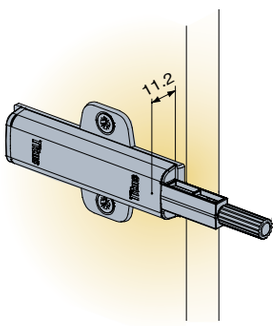


Depth adjustment +4.5/-1mm

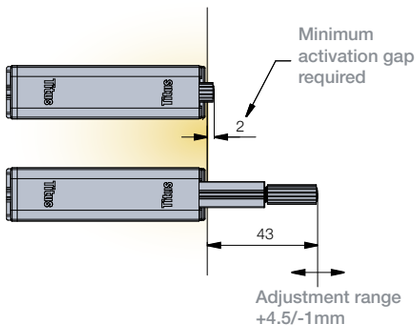
Drilling pattern



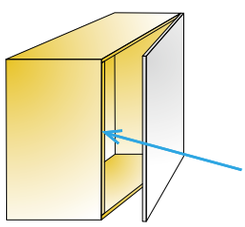
Dimensions



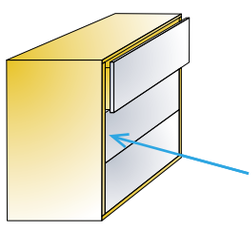
Depth adjustment



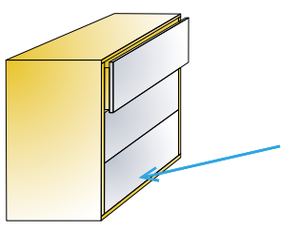
Positioning



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

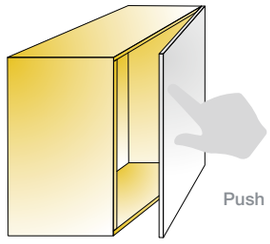


On the cabinet side; gap between drawer and cabinet side 12mm min



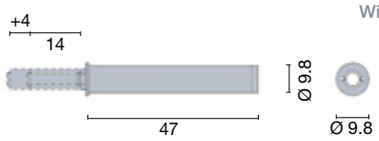
On the drawer bottom; in the middle of drawer

PushOpen Short



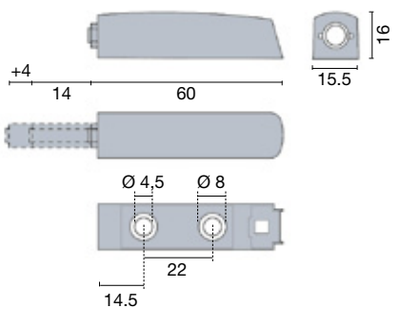
Technical details

		Stroke [mm]	Item number	White	Grey	Lead grey	Black
PushOpen Short	With bumper	14	915-7187	350	380	383	390
	With magnet	14	915-7185	350	380	383	390



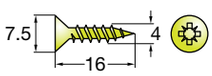
100 Pcs Made of steel and plastic

Housing Short			915-7192	350	380	383	390



100 Pcs Made of plastic

Fixing screws for housing



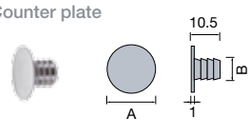
Chipboard screws
820-6328-050
10000 Pcs

Accessories for PushOpen with magnet (Nickel plated steel)

Counter plate self adhesive

A = Ø15 915-7159-050 500 Pcs

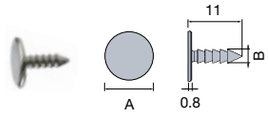
Counter plate



A = Ø10 B = Ø5 915-7196-050 500 Pcs

A = Ø15 B = Ø8 915-7190-050 500 Pcs

Knock-in Counter plate

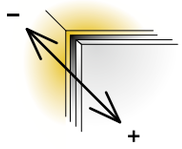


A = Ø10 B = Ø2.8 915-7199-050 500 Pcs

· Effortless opening with just a light touch
· Depth adjustment ensures reliable opening

PushOpen with bumper works with standard hinge
PushOpen with magnet works with reverse spring or unsprung hinges

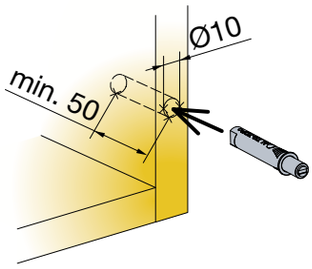
Door adjustment



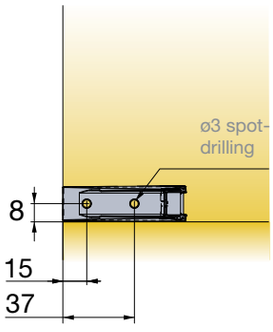
Depth adjustment +4/0mm

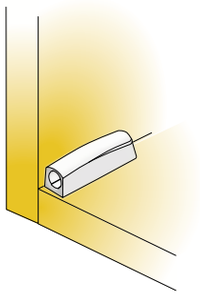
Drilling pattern and mounting procedure

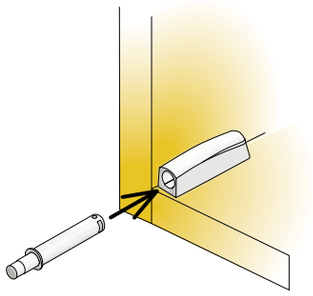
Without housing



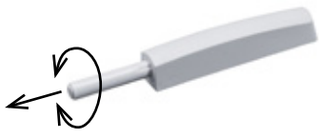
With housing





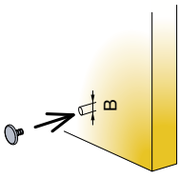


Depth adjustment



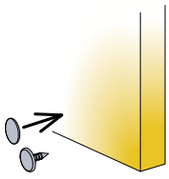
Adjustment made by rotating the depth adjustment screw

Application on door for Counter plates



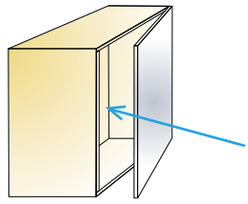
Pre-drilled hole ØB x 10mm

Application on door for Counter plate with double side tape and knock-in counter plate



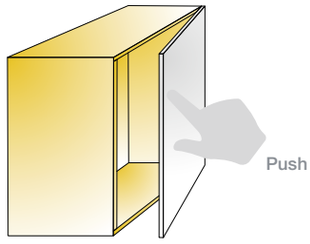
Sticking or knock-in position

Positioning

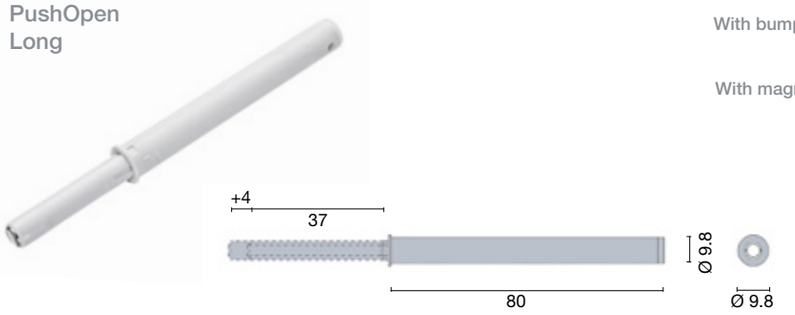


Close to the ‘touch opening point’ on the side opposite to hinges

PushOpen Long

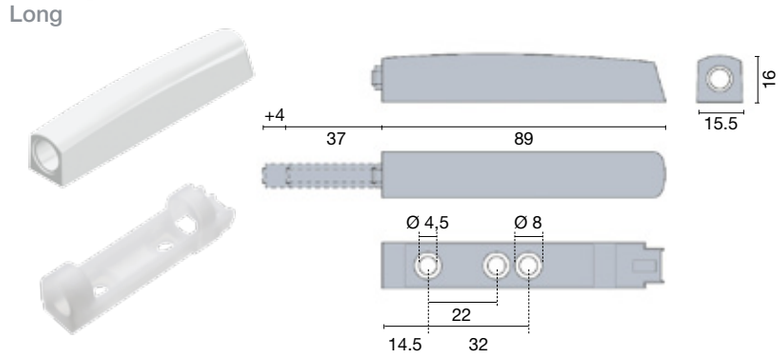


	Technical details	Stroke [mm]	Item number	White	Grey	Lead grey	Black
PushOpen Long	With bumper	37	915-7188	350	380	383	390
	With magnet	37	915-7186	350	380	383	390



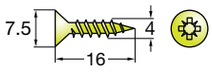
100 Pcs Made of steel and plastic

Housing Long			915-7193	350	380	383	390



100 Pcs Made of plastic

Fixing screws for housing



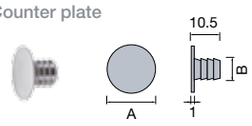
Chipboard screws
820-6328-050
10000 Pcs

Accessories for PushOpen with magnet (Nickel plated steel)

Counter plate self adhesive

A = Ø15 915-7159-050 500 Pcs

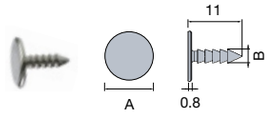
Counter plate



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
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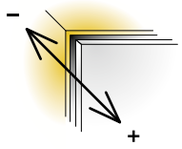
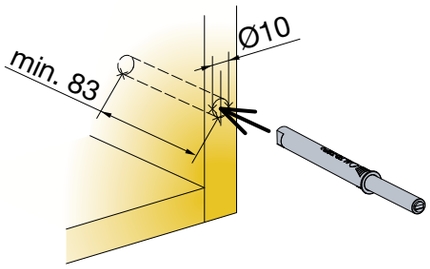
Door adjustment



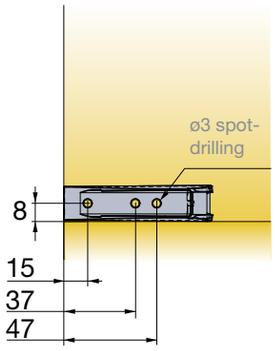
Depth adjustment +4/0mm

Drilling pattern and mounting procedure

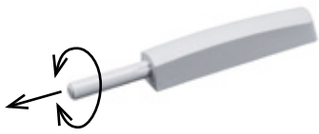
Without housing



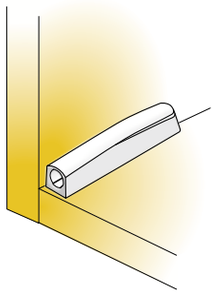
With housing

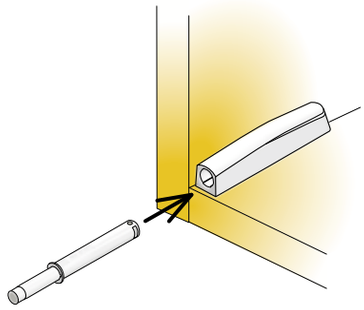


Depth adjustment

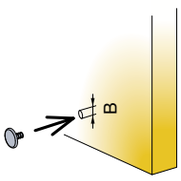


Adjustment made by rotating the depth adjustment screw



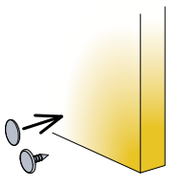


Application on door for Counter plates



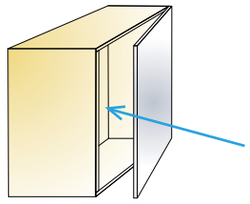
Pre-drilled hole ØB x 10mm

Application on door for Counter plate with double side tape and knock-in counter plate



Sticking or knock-in position

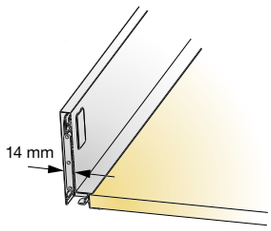
Positioning



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

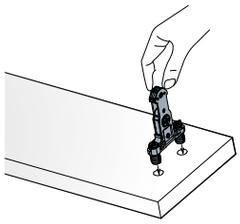
Tekform Slimline Drawer

Tekform Slimline Drawer



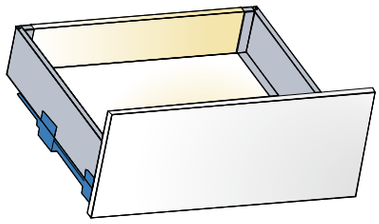
Sleek look

- 14mm side thickness
- Efficient utilisation of drawer space



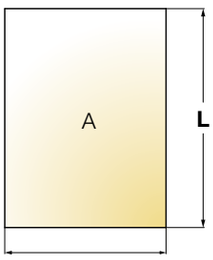
‘EasyFix’ front panel connector

- Hand insertion
- Quarter turn lock
- Repeatable assembly and disassembly possible



Flexibility in use

- Same runner system as 1st generation Tekform drawer
- Same panel cutting dimensions and drilling specification as 1st generation Tekform drawer



Expanded tolerances

- Precise drawer alignment
- Smooth and silent operating
- Improved drawer stability in open position
- +/-1mm tolerance on bottom panel width size

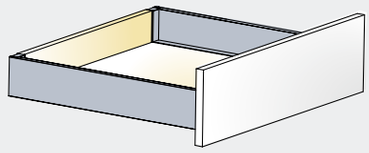
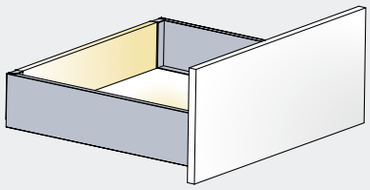
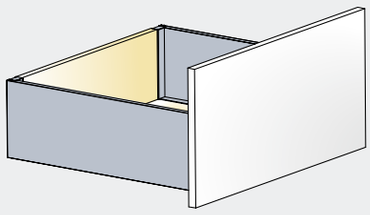
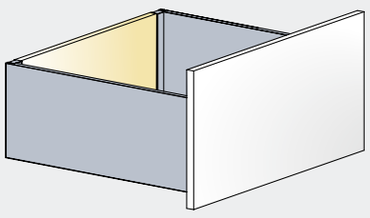
Titus damper inside

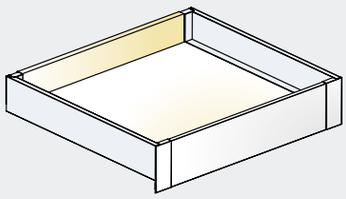
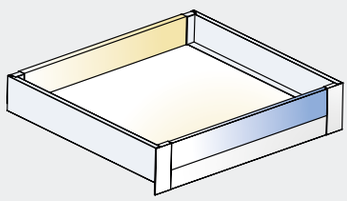
- Life-long consistent soft closing at various closing speeds
- 'ConfidentClose' - fast closing, late start of damping, quiet landing
- Low pull-out force

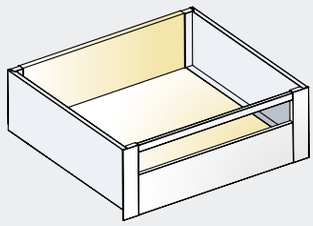
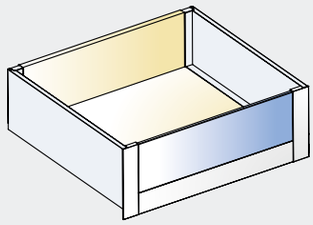
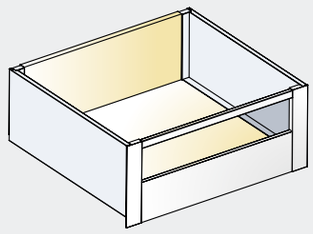
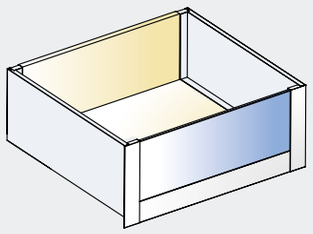
Tekform Slimline Tacto

- For effortless touch opening of Slimline drawer
- Narrow 1.5mm operating gap for evenly aligned fronts
- Fast and intuitive mounting without pre-drilling
- Non-handed design

Tekform Slimline Drawer
Product Guide

Tekform Slimline Drawer		Side material	Drawer type	Page
Tekform Slimline drawer DW70		Metal	Soft closing	3.13
		Metal	Touch opening + Soft closing	3.15
		Glass	Soft closing	3.17
Tekform Slimline drawer DW100		Metal	Soft closing	3.19
		Metal	Touch opening + Soft closing	3.21
Tekform Slimline drawer DW145		Metal	Soft closing	3.23
		Metal	Touch opening + Soft closing	3.25
		Glass	Soft closing	3.27
Tekform Slimline drawer DW182		Metal	Soft closing	3.29
		Glass	Touch opening + Soft closing	3.31
		Glass	Soft closing	3.33

Inner Slimline Drawer Fronts		
Inner drawer front for Tekform Slimline drawer DW70		3.35
Inner drawer front for Tekform Slimline drawer DW70 with glass		3.37

		Page
Inner drawer front for Tekform Slimline Drawer DW145 with bar		3.39
Inner drawer front for Tekform Slimline drawerr DW145 with high glass		3.41
Inner drawer front for Tekform Slimline drawer DW182 with bar		3.43
Inner drawer front for Tekform Slimline drawer DW182 with high glass		3.45

Accessories

Tacto Slimline	3.47
Marking jig	3.49
Steel back panel	3.50

Tekform Slimline Drawer
Information

Technical Guide

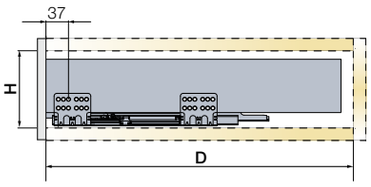
How to choose the appropriate drawer dimension?

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

Tekform drawer nominal length (NL) inmm

NL	270	300	350	400	450	500	550

	Tekform drawer		Tekform drawer with inner front	
	Min. height H required	Cabinet depth D	Min. height H required	Cabinet depth D
Tekform Slimline drawer DW70	115mm	NL + min 3mm	115mm	NL + min 12mm
Tekform Slimline drawer DW100	147mm	NL + min 3mm	/	/
Tekform Slimline drawer DW145	198mm	NL + min 3mm	198mm	NL + min 12mm
Tekform Slimline drawer DW182	230mm	NL + min 3mm	230mm	NL + min 12mm



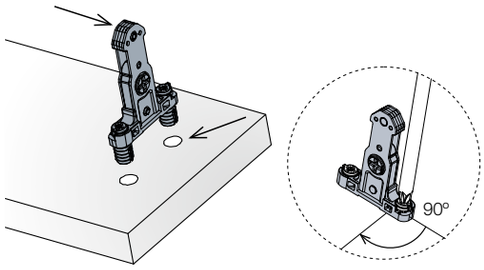
How to fix drawer sides to the front panel?

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

'EasyFix' front connector

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

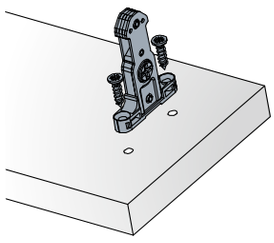
Front connector



Screw-in front connector

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

Front connector



Bottom panel and back panel cutting dimensions

Dimensions of bottom and back panel depends on:

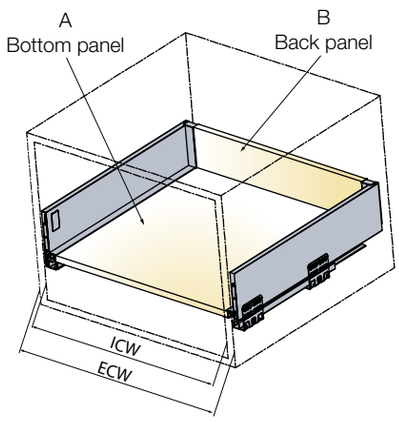
- cabinet width
- nominal drawer length
- drawer height

Tekform drawer nominal length (NL) inmm

NL	270	300	350	400	450	500	550

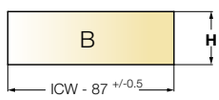
Cabinet width

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



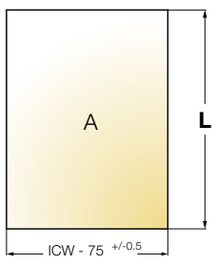
Back panel cutting dimensions

Back panel height depends on the selected drawer height



	H back panel
SDWD70	68
SDWD100	100
SDWD145	151
SDWD182	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 = Tekform drawer nominal length (mm)
L_{st}: Length in case of steel back panel

Tekform Slimline Drawer
Information

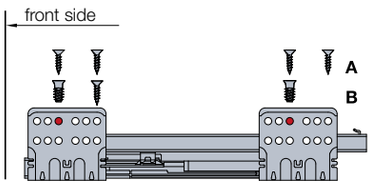
Technical Guide

How to choose the appropriate drawer runner fixing positions?

Drawer fixing positions depend on the chosen drawer front type.

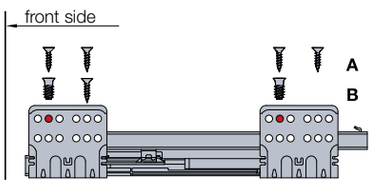
Tekform Slimline drawer with standard front

When a standard drawer front is applied, use the third hole on the drawer runner for fixing.



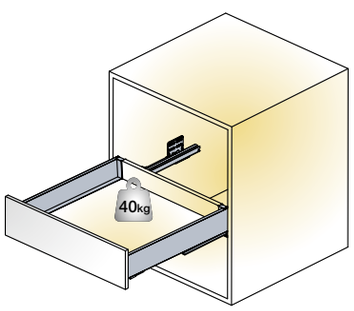
Tekform Slimline drawer with inner front

When an inner drawer front is applied, use the second hole on the drawer runner for fixing.



Load capacity

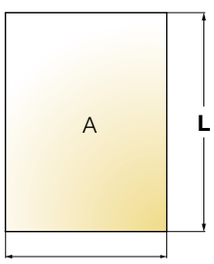
Drawer load capacity is 40 kg.



Expanded tolerances

Tekform drawers provide wider tolerances in cabinet construction and assures:

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

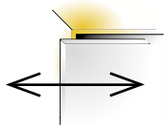


bottom panel width
tolerance +/- 1mm

Adjustment needs to be done on both sides of the drawer

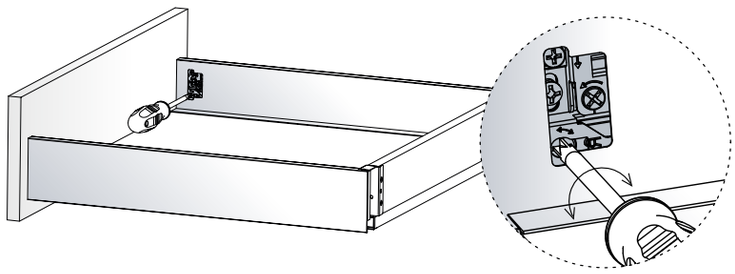
Adjustments

Side adjustment

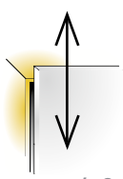


+/- 1mm

Side adjustment is done through the adjustment screw on the drawer side.

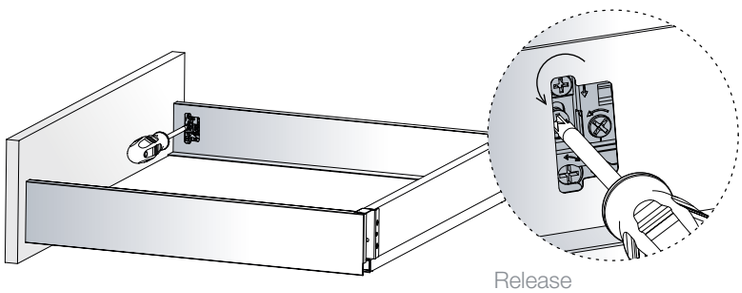


Height adjustment

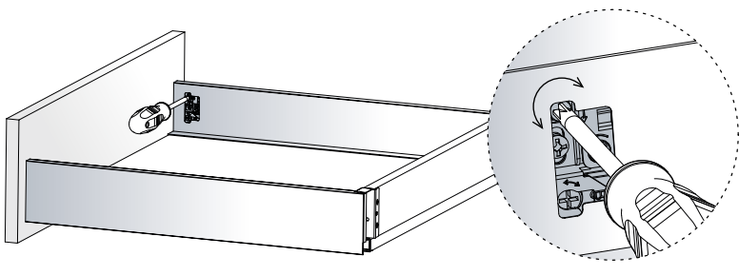


+/- 2mm

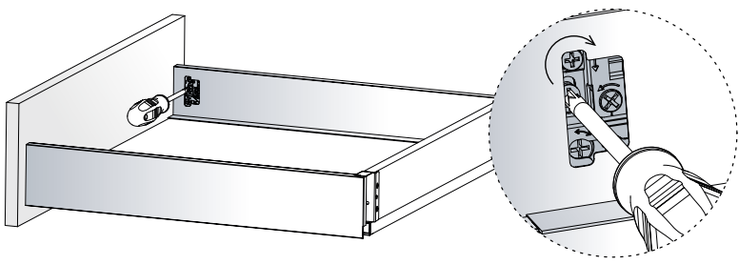
Release first the locking screw and tighten it back after the front is adjusted.



Release



Adjust



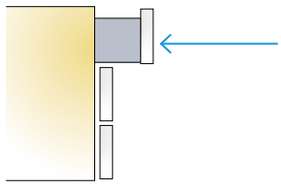
Tighten

Tekform Slimline Drawer
Information

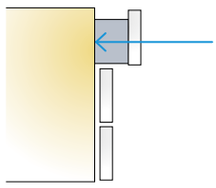
Key Design Choices

'ConfidentClose'

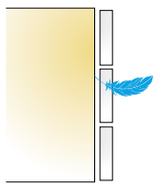
Fast closing



Late start of damping



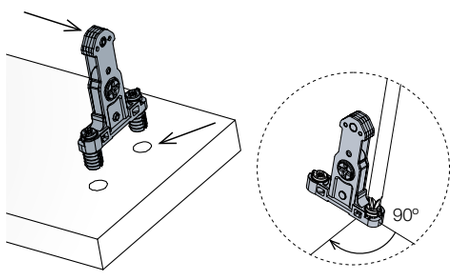
Quiet landing



CAF Consumer Assembly Friendliness

'EasyFix' front panel connector with expandable plastic dowel provides:
- Quick, tool-free insertion
· Quarter turn lock
· Repeatable assembly and disassembly

Front connector



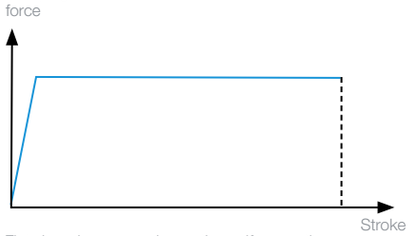
Titus hydraulic damper

Designed and produced in-house

· Reliable and consistent life-long damping
· Smooth closing
· Dampers' consistency over high volume production runs assured
· 100% automated quality check

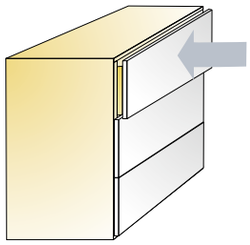
Damping action

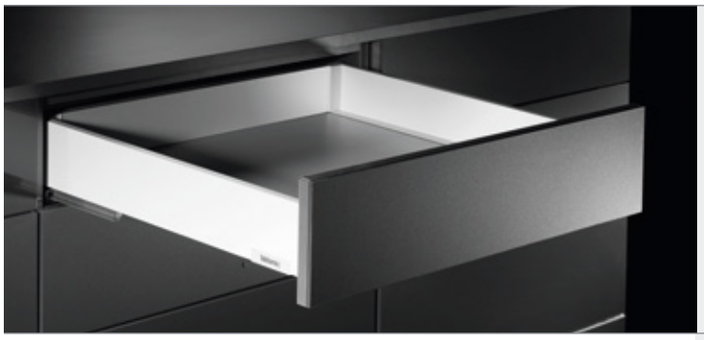
Even and smooth soft closing action
· Soft and reliable closing

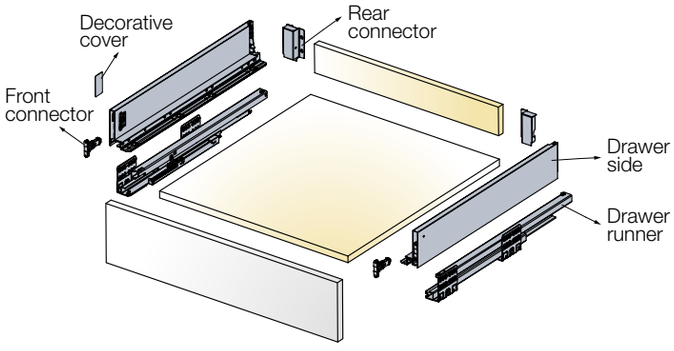


Flat damping curve shows the uniform action produced during damper closing at a defined speed.

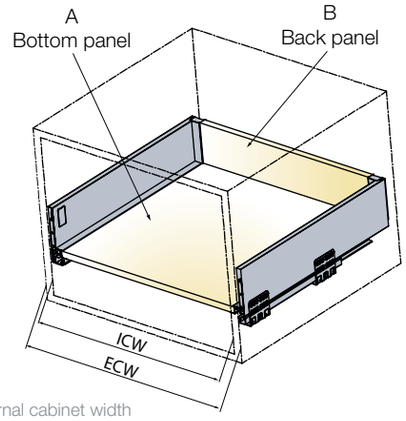
Tekform Slimline
Drawer DW70



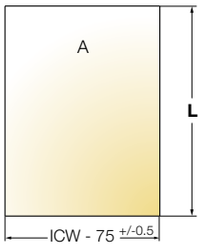


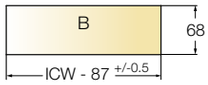


Cutting dimensions details



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

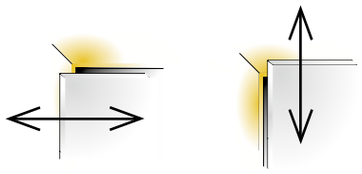
NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White	Antracite grey
270	655-8T27 ⇢	655-8E27 ⇢	150	185
300	655-8T30 ⇢	655-8E30 ⇢	150	185
350	655-8T35 ⇢	655-8E35 ⇢	150	185
400	655-8T40 ⇢	655-8E40 ⇢	150	185
450	655-8T45 ⇢	655-8E45 ⇢	150	185
500	655-8T50 ⇢	655-8E50 ⇢	150	185
550	655-8T55 ⇢	655-8E55 ⇢	150	185

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear 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	115mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm



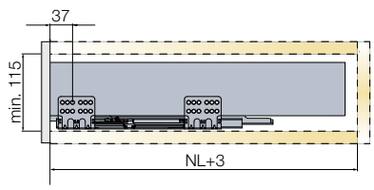
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

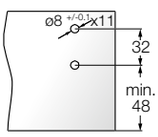
Installation dimensions

Minimum space required for the cabinet

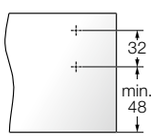


Drilling dimensions for the front panel

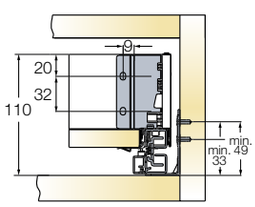
EasyFix attachment



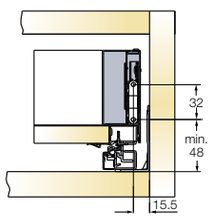
Screw-in attachment



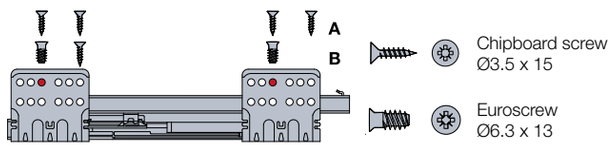
Mounting dimensions for the back panel

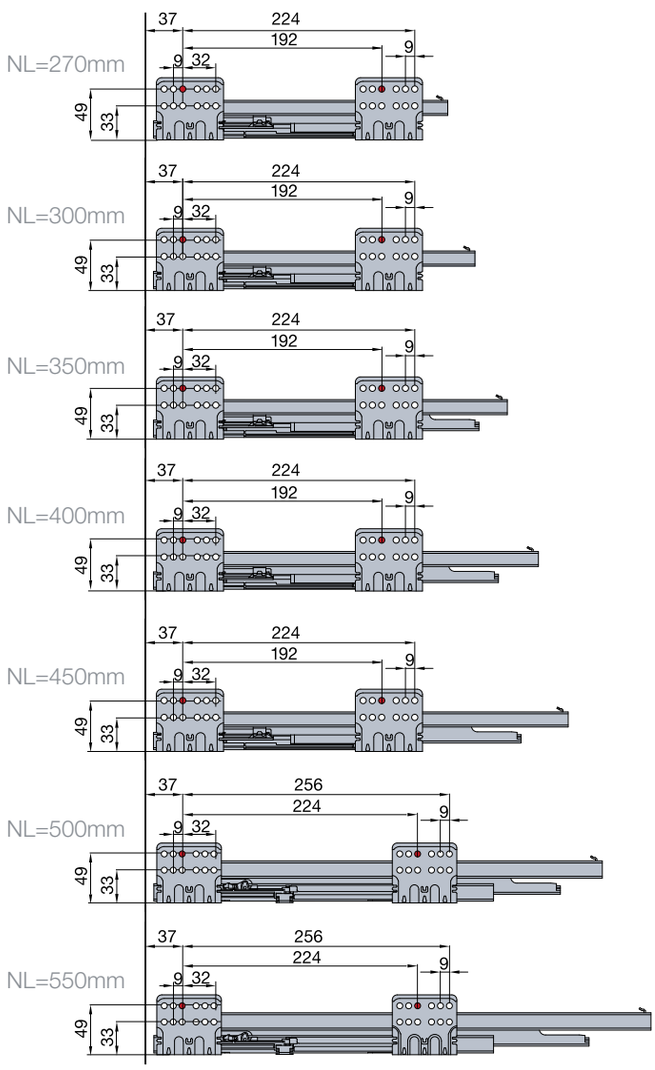


Installation dimensions for the front panel



Drawer runner fixing positions

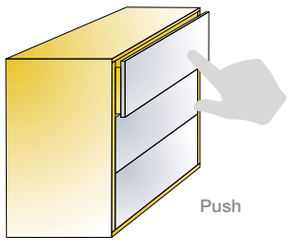


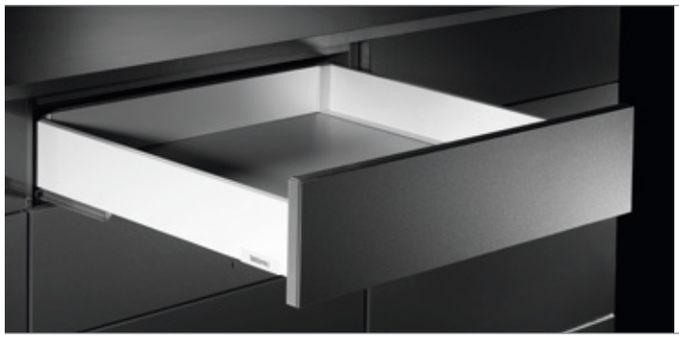


A trial mounting is always recommended.
For further information please contact your Titus Group representative.

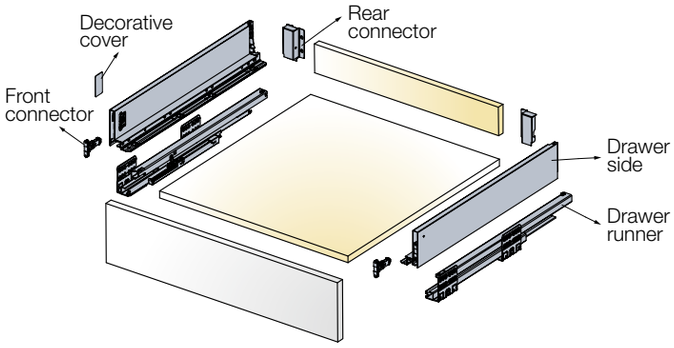
Tekform Slimline Tacto Drawer DW70

Touch Opening System

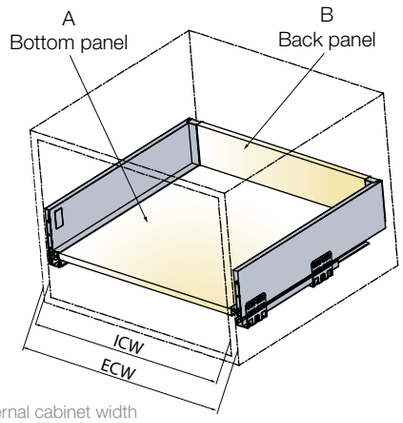




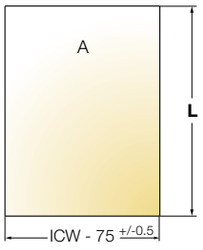
NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White
400	655-8T61 →	655-8E61 →	150
450	655-8T62 →	655-8E62 →	150
500	655-8T63 →	655-8E63 →	150
550	655-8T64 →	655-8E64 →	150

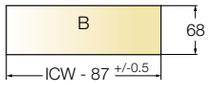


Cutting dimensions details



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

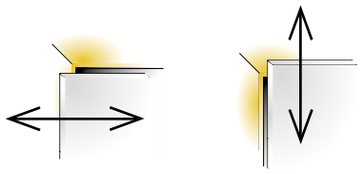
Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear connectors		2 pcs
Covers		2 pcs 2 pcs
Mounting instructions		1 pc/4 sets

Screws are not included

Touch opening

Tacto Slimline Mechanism
→ *see page 3.47*

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



Side adjustment +1/-1mm

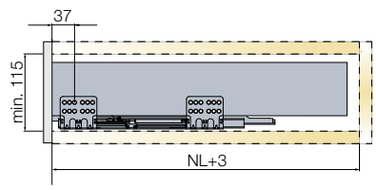
Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

Works only with Tacto Slimline Mechanism
⇢ *see page 3.47*

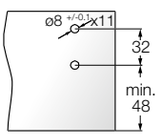
Installation dimensions

Minimum space required for the cabinet

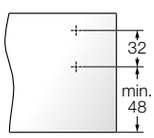


Drilling dimensions for the front panel

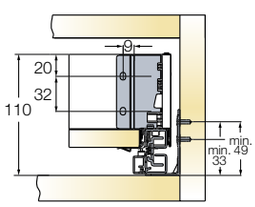
EasyFix attachment



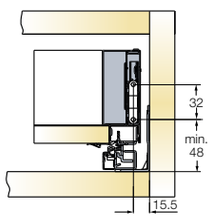
Screw-in attachment



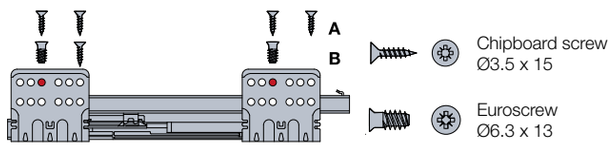
Mounting dimensions for the back panel

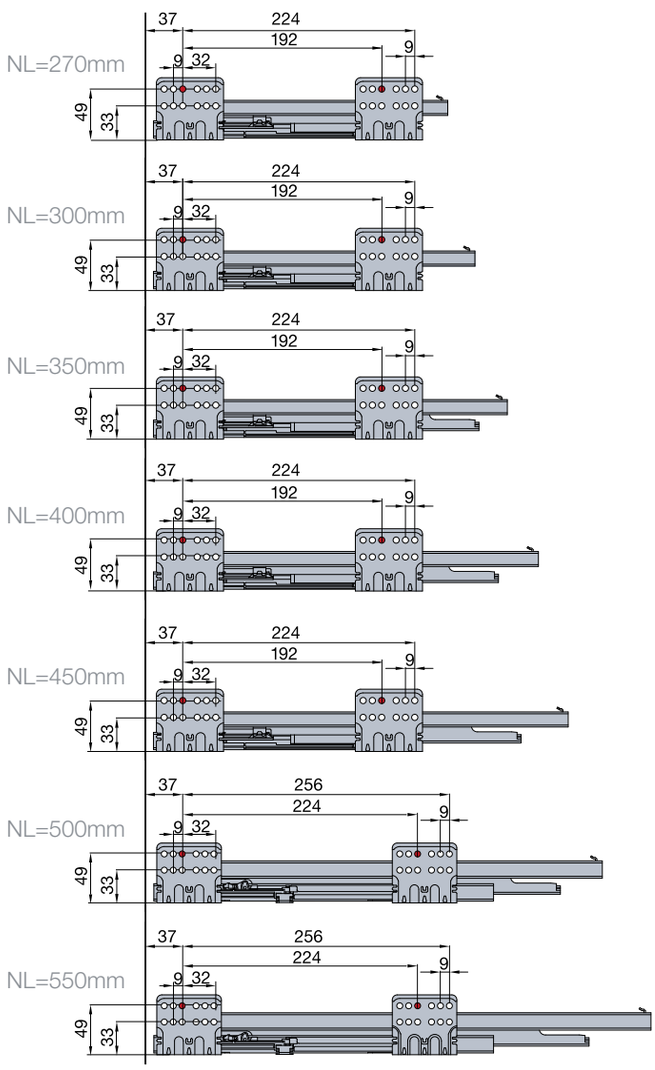


Installation dimensions for the front panel



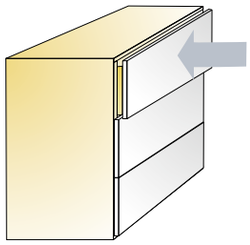
Drawer runner fixing positions

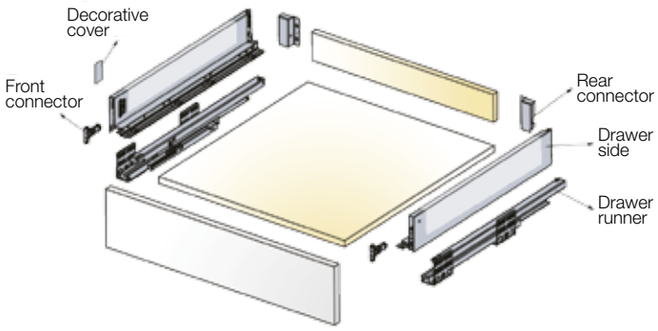




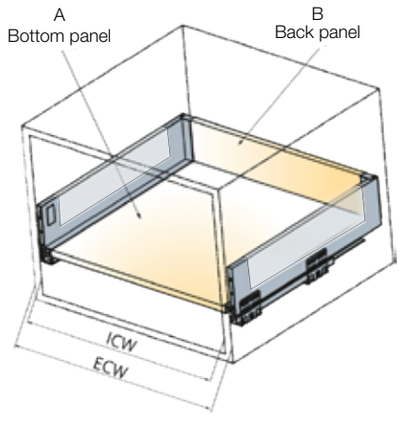
A trial mounting is always recommended. For further information please contact your Titus Group representative.

Tekform Slimline
Drawer DW70
With Glass Sides

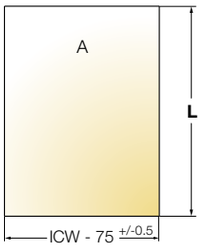


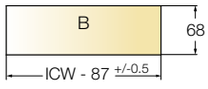


Cutting dimensions details



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*

6 sets

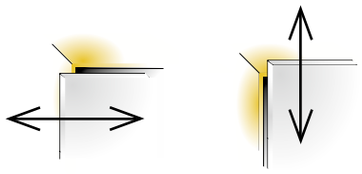
NL	with EasyFix front connector	with Screw-in front connector	White + Glass	Anctracite grey + Glass
Nominal length (mm)	Item number for a set	Item number for a set		
400	**655-7P40** →	**655-7U40** →	152	187
450	**655-7P45** →	**655-7U45** →	152	187
500	**655-7P50** →	**655-7U50** →	152	187

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
Front connectors		2 pcs
Rear connectors		2 pcs
Covers		2 pcs 2 pcs
Mounting instructions		1 pc/6 sets

Screws are not included

· Drawer runner type	full extension
· Load capacity	40kg
· Minimum height space required	115mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm
· Tempered glass sides	8mm, transparent



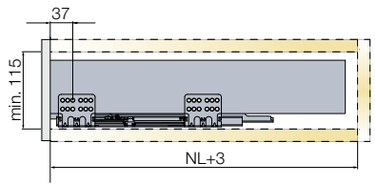
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

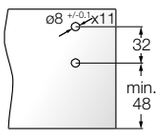
Installation dimensions

Minimum space required for the cabinet

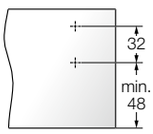


Drilling dimensions for the front panel

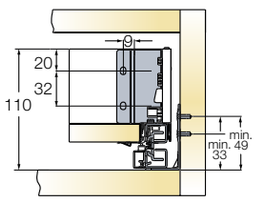
EasyFix attachment



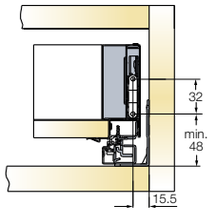
Screw-in attachment



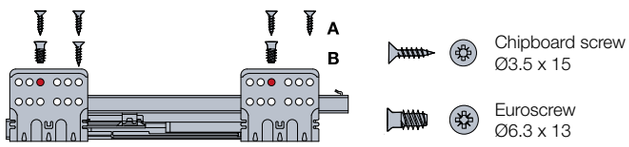
Mounting dimensions for the back panel

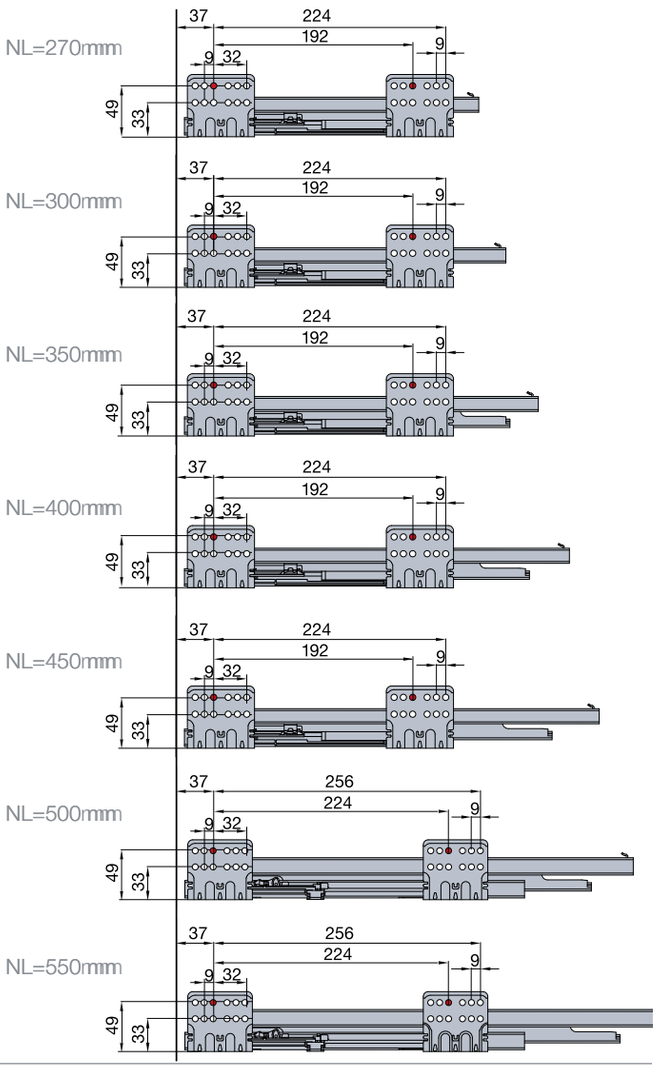


Installation dimensions for the front panel



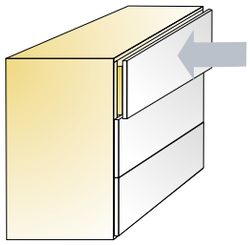
Drawer runner fixing positions

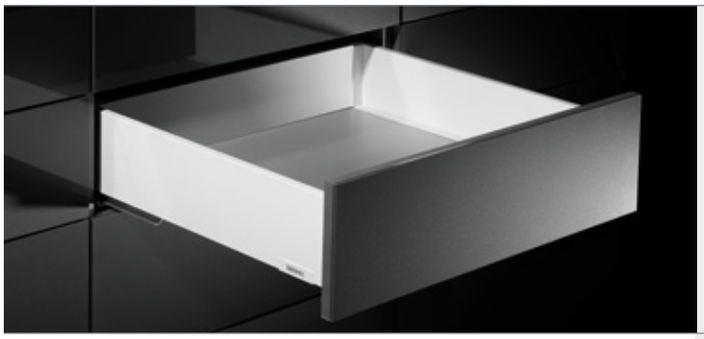


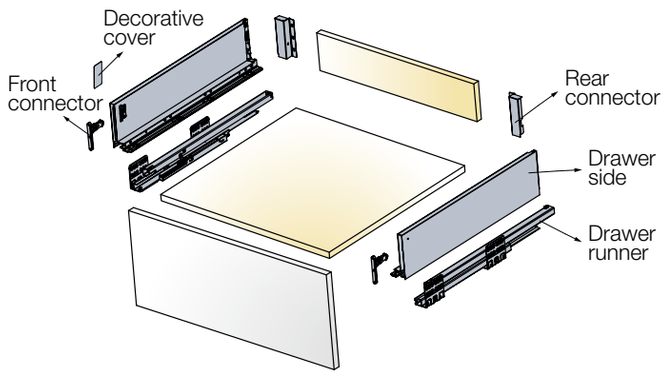


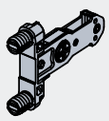
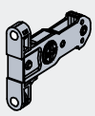
A trial mounting is always recommended. For further information please contact your Titus Group representative.

Tekform Slimline
Drawer DW100

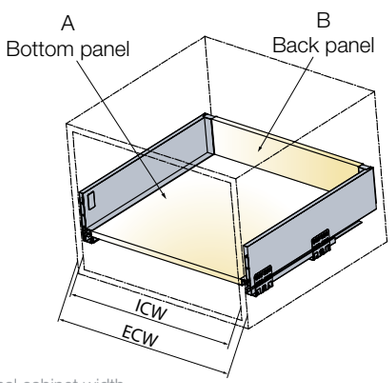




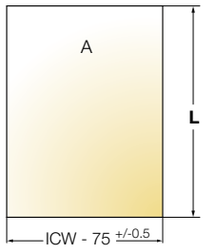


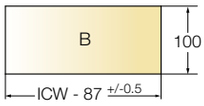
NL	with EasyFix front connector 	with Screw-in front connector 		
Nominal length (mm)	Item number for a set	Item number for a set	White	Antracite grey
270	655-8U27 ⇢	655-8F27 ⇢	150	185
300	655-8U30 ⇢	655-8F30 ⇢	150	185
350	655-8U35 ⇢	655-8F35 ⇢	150	185
400	655-8U40 ⇢	655-8F40 ⇢	150	185
450	655-8U45 ⇢	655-8F45 ⇢	150	185
500	655-8U50 ⇢	655-8F50 ⇢	150	185
550	655-8U55 ⇢	655-8F55 ⇢	150	185

Cutting dimensions details



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





L = NL - 10

For further explanation ⇢ *see page 3.8*

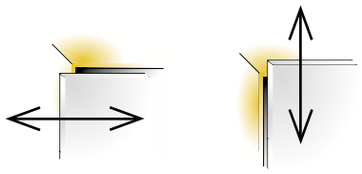
4 sets

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear connectors		2 pcs
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 per drawer required	147mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm



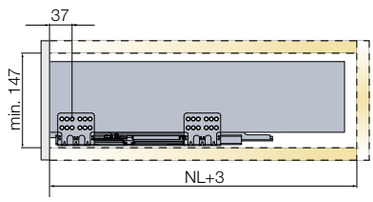
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

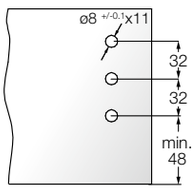
Installation dimensions

Minimum space required for the cabinet

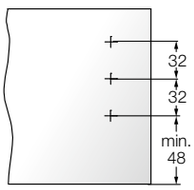


Drilling dimensions for the front panel

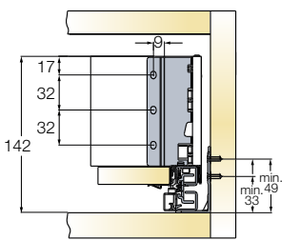
EasyFix attachment



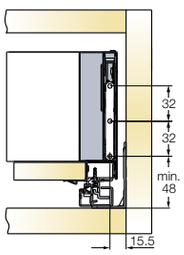
Screw-in attachment



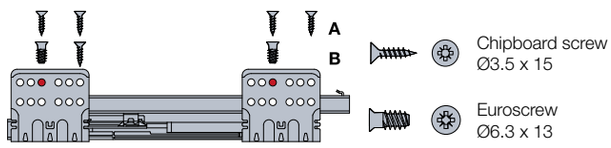
Mounting dimensions for the back panel

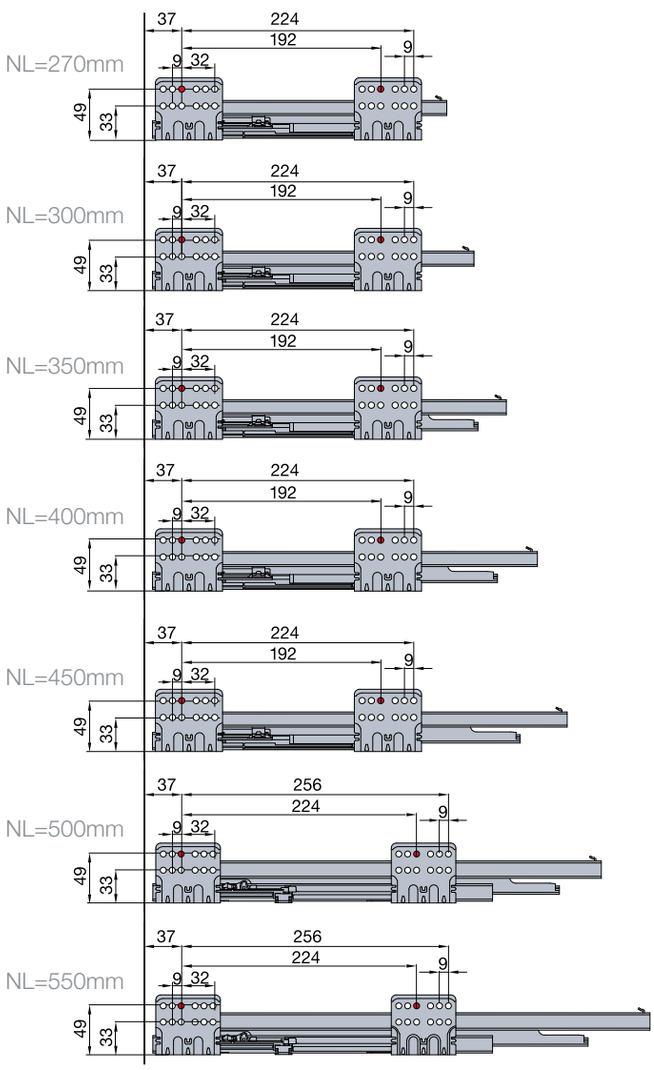


Installation dimensions for the front panel



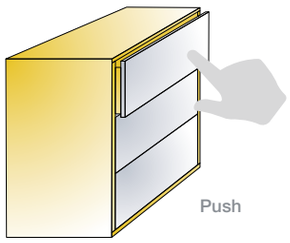
Drawer runner fixing positions

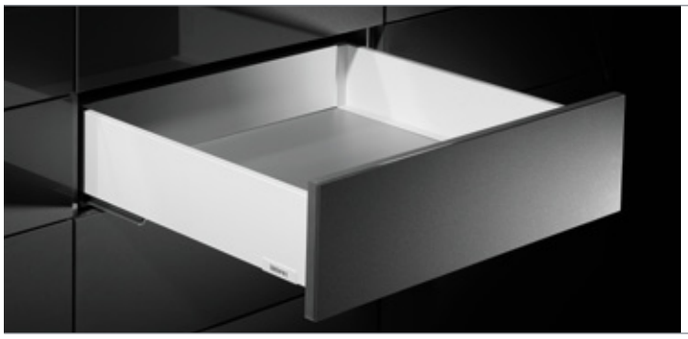


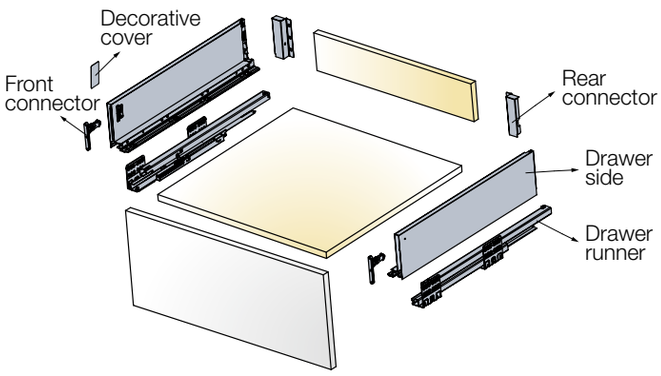


A trial mounting is always recommended. For further information please contact your Titus Group representative.

Tekform Slimline Tacto Drawer DW100
Touch Opening System

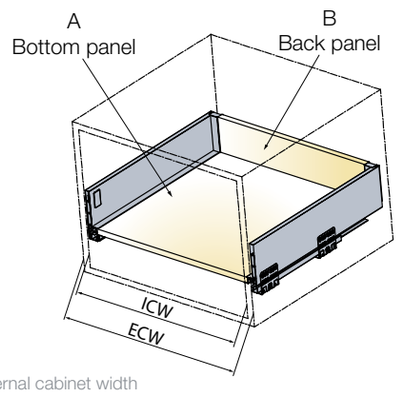




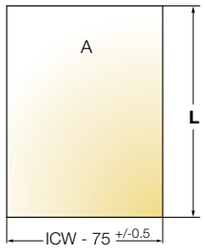


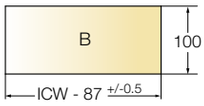
NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White
400	655-8U61 →	655-8F61 →	150
450	655-8U62 →	655-8F62 →	150
500	655-8U63 →	655-8F63 →	150
550	655-8U64 →	655-8F64 →	150

Cutting dimensions details



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





L = NL - 10

For further explanation → *see page 3.8*

4 sets

One set consists of

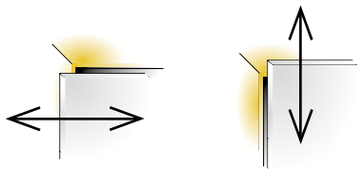
Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear connectors		2 pcs
Covers		2 pcs 2 pcs
Mounting instructions		1 pc/4 sets

Screws are not included

Touch opening

Tacto Slimline Mechanism
→ *see page 3.47*

- Drawer runner type — full extension
- Load capacity — 40 kg
- Minimum height per drawer required — 147mm
- Wooden back panel thickness — 16mm
- Wooden bottom panel thickness — 16mm



Side adjustment +1/-1mm

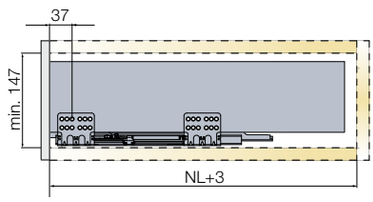
Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

Works only with Tacto Slimline Mechanism
⇢ see page 3.47

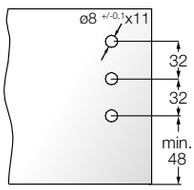
Installation dimensions

Minimum space required for the cabinet

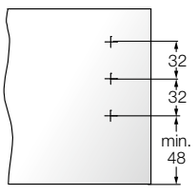


Drilling dimensions for the front panel

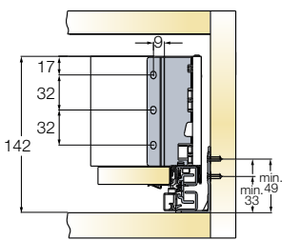
EasyFix attachment



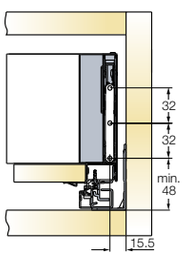
Screw-in attachment



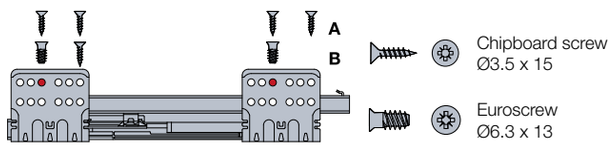
Mounting dimensions for the back panel

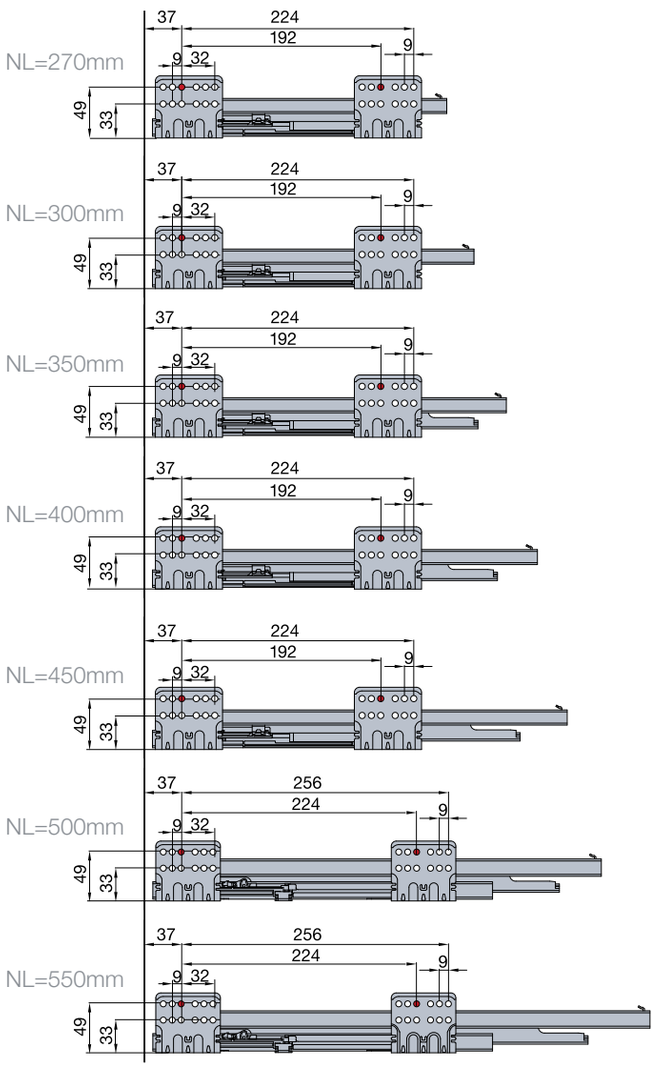


Installation dimensions for the front panel



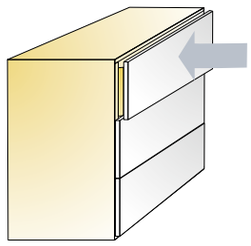
Drawer runner fixing positions

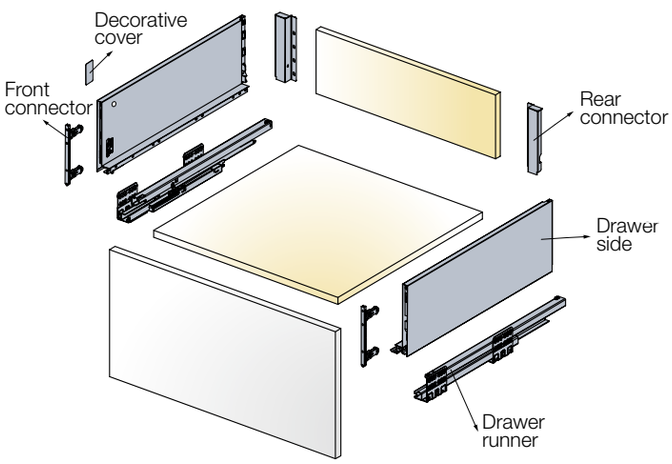




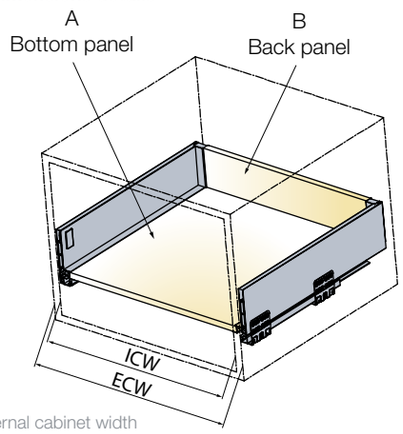
A trial mounting is always recommended. For further information please contact your Titus Group representative.

Tekform Slimline
Drawer DW145

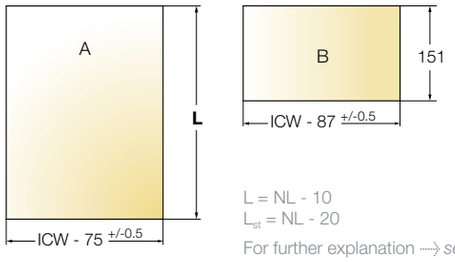




Cutting dimensions details



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

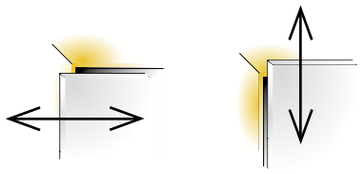
NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White	Antracite grey + Glass
270	655-8V27 →	655-8G27 →	150	187
300	655-8V30 →	655-8G30 →	150	187
350	655-8V35 →	655-8G35 →	150	187
400	655-8V40 →	655-8G40 →	150	187
450	655-8V45 →	655-8G45 →	150	187
500	655-8V50 →	655-8G50 →	150	187
550	655-8V55 →	655-8G55 →	150	187

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear 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 per drawer required	198mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm



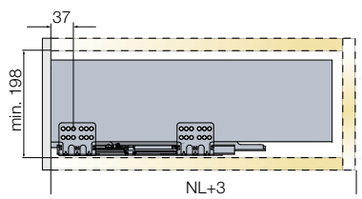
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

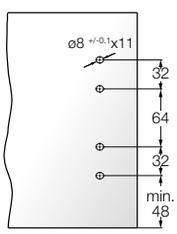
Installation dimensions

Minimum space required for the cabinet

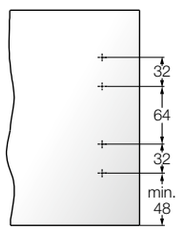


Drilling dimensions for the front panel

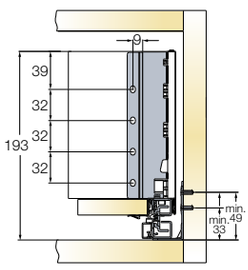
EasyFix attachment



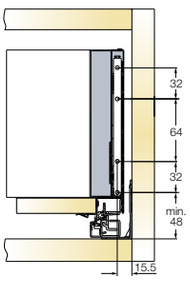
Screw-in attachment



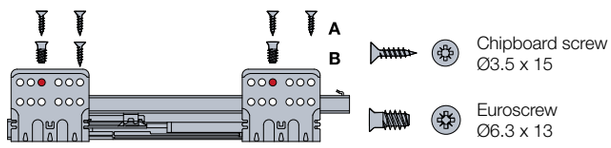
Mounting dimensions for the back panel

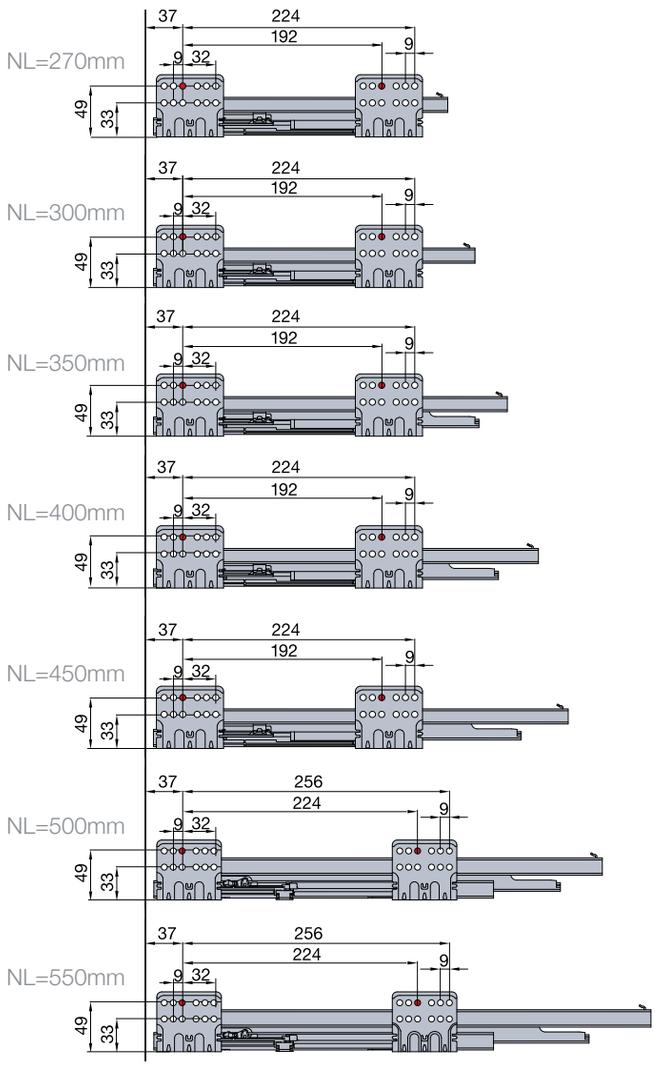


Installation dimensions for the front panel



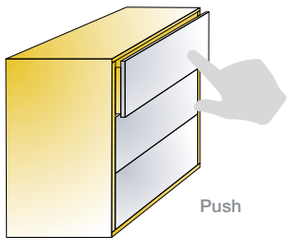
Drawer runner fixing positions



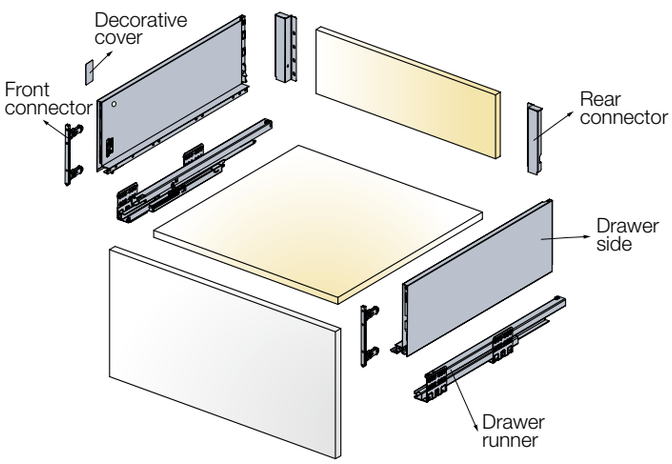


A trial mounting is always recommended. For further information please contact your Titus Group representative.

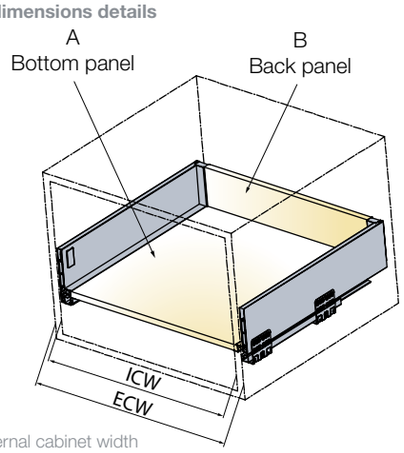
Tekform Slimline Tacto Drawer DW145
Touch Opening System



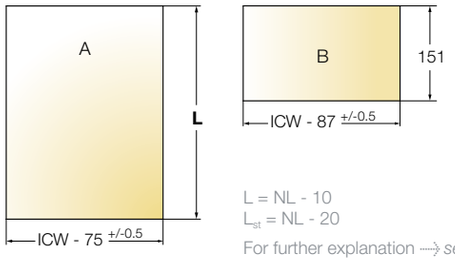
NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White
400	655-8V61 →	655-8G61 →	150
450	655-8V62 →	655-8G62 →	150
500	655-8V63 →	655-8G63 →	150
550	655-8V64 →	655-8G64 →	150



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

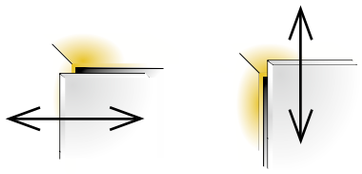
Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear connectors		2 pcs
Covers		2 pcs 2 pcs
Mounting instructions		1 pc/4 sets

Screws are not included

Touch opening

Tacto Slimline Mechanism
→ *see page 3.47*

- Drawer runner type — full extension
- Load capacity — 40 kg
- Minimum height per drawer required — 198mm
- Wooden back panel thickness — 16mm
- Wooden bottom panel thickness — 16mm



Side adjustment +1/-1mm

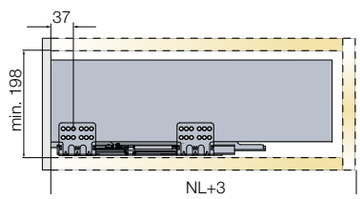
Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

Works only with Tacto Slimline Mechanism
⇢ see page 3.47

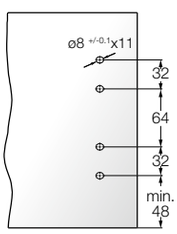
Installation dimensions

Minimum space required for the cabinet

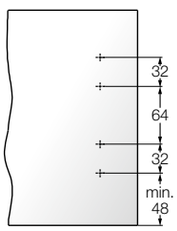


Drilling dimensions for the front panel

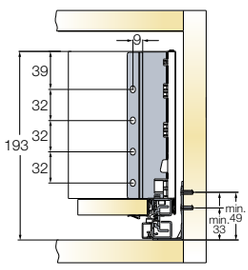
EasyFix attachment



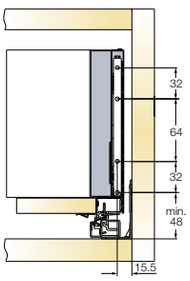
Screw-in attachment



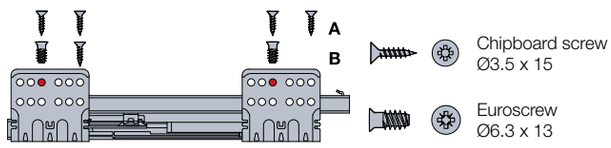
Mounting dimensions for the back panel

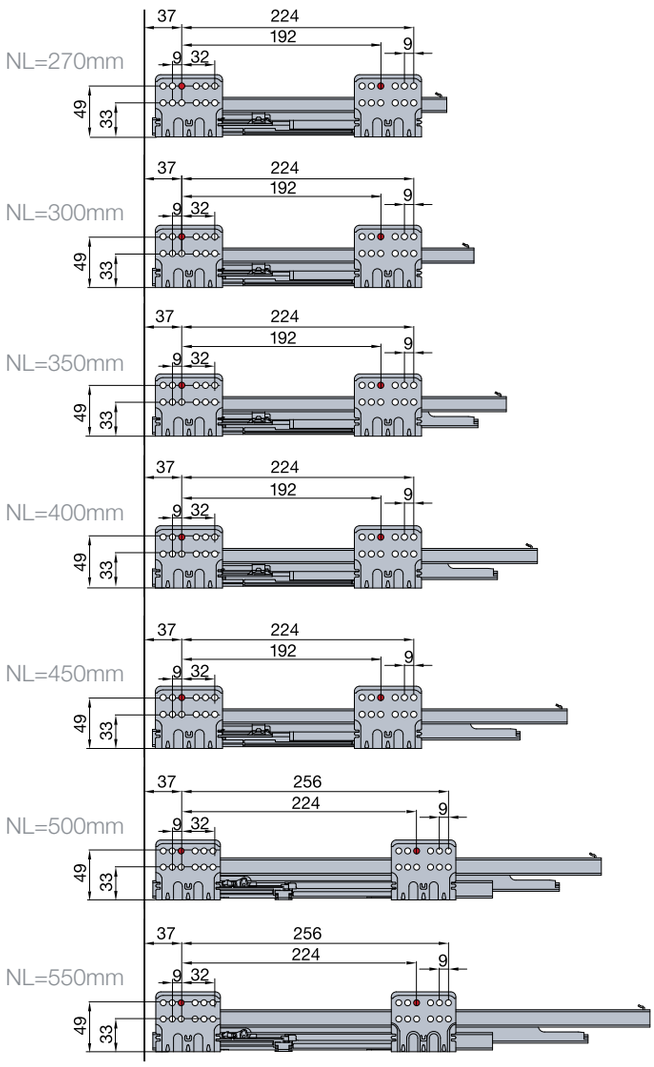


Installation dimensions for the front panel



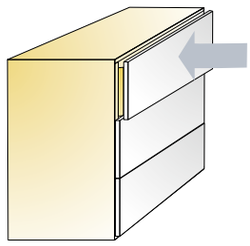
Drawer runner fixing positions



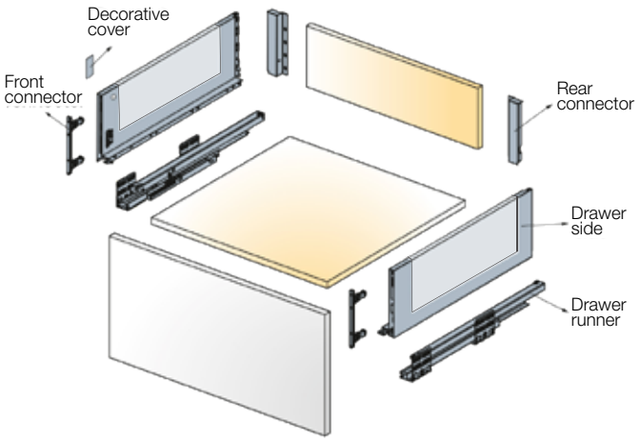


A trial mounting is always recommended. For further information please contact your Titus Group representative.

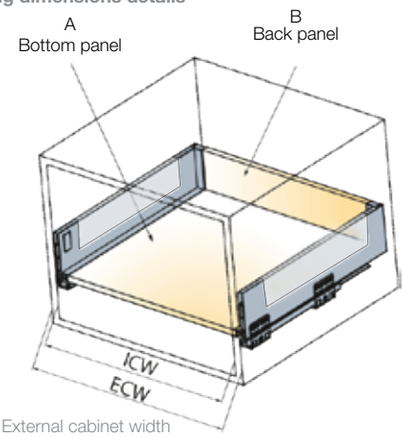
Tekform Slimline Drawer DW145
With Glass Sides



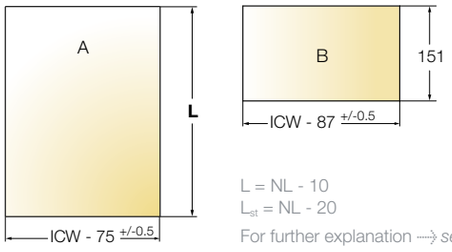
NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)	Item number for a set	Item number for a set	White + Glass	Antracite grey + Glass
400	**655-7S40** →	**655-7W40** →	152	187
450	**655-7S45** →	**655-7W45** →	152	187
500	**655-7S50** →	**655-7W50** →	152	187



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

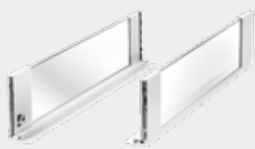


L = NL - 10
L_{st} = NL - 20

For further explanation → *see page 3.8*

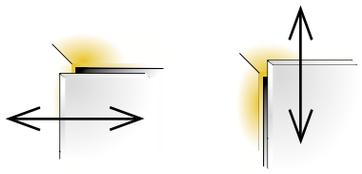
4 sets

One set consists of

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

Screws are not included

· Drawer runner type	Full extension
· Load capacity	40kg
· Minimum height space required	198mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm
· Tempered glass sides	8mm, transparent



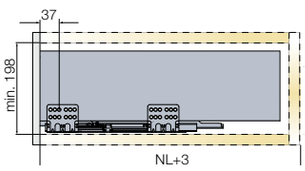
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

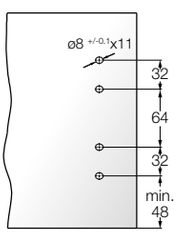
Installation dimensions

Minimum space required for the cabinet

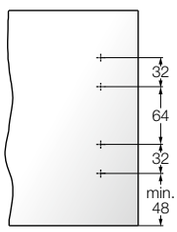


Drilling dimensions for the front panel

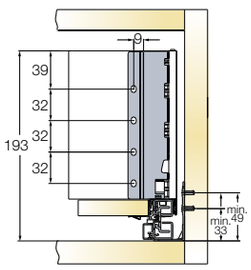
EasyFix attachment



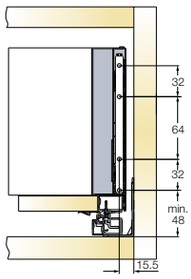
Screw-in attachment



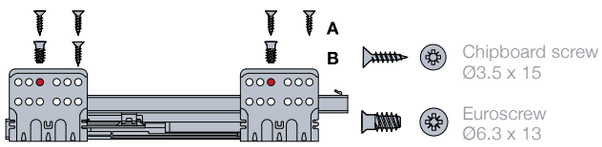
Mounting dimensions for the back panel

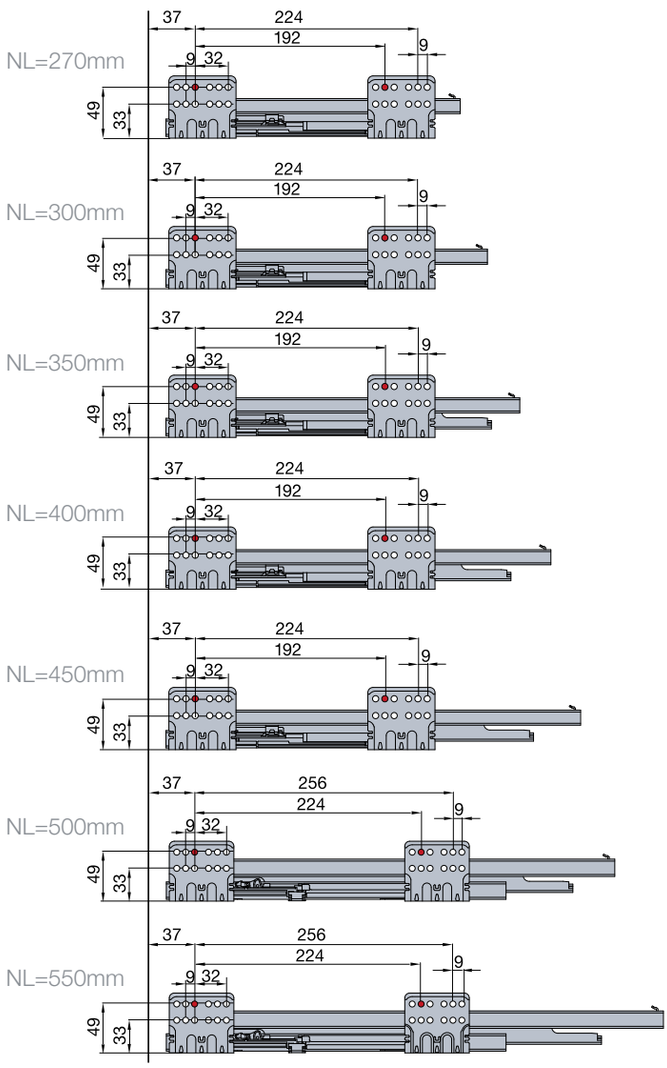


Installation dimensions for the front panel



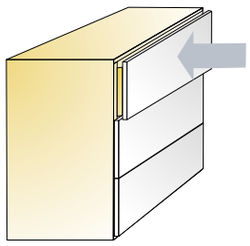
Drawer runner fixing positions

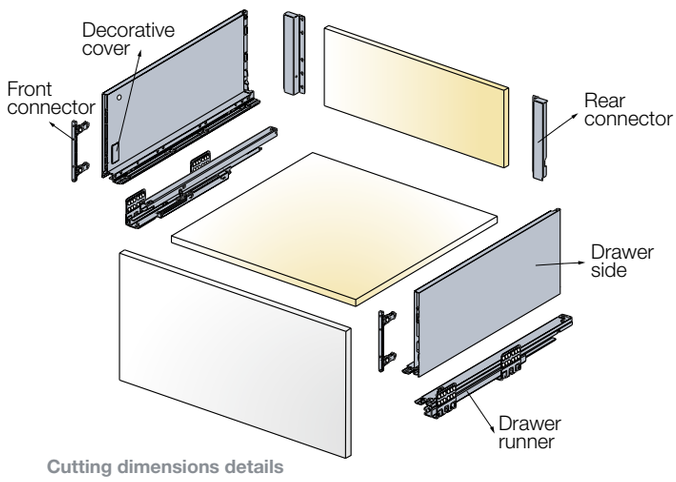




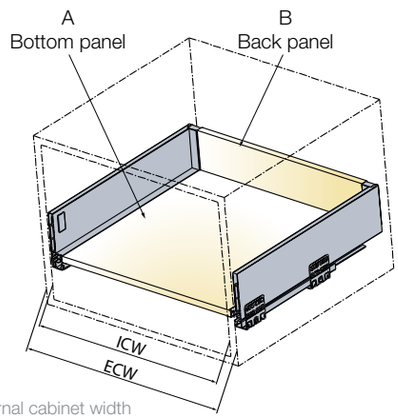
A trial mounting is always recommended. For further information please contact your Titus Group representative.

Tekform Slimline
Drawer DW182

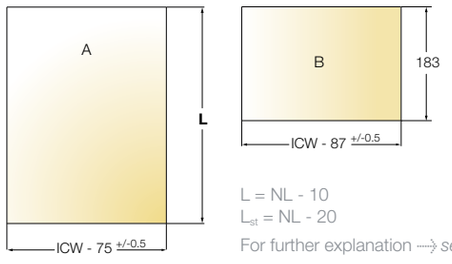




Cutting dimensions details



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

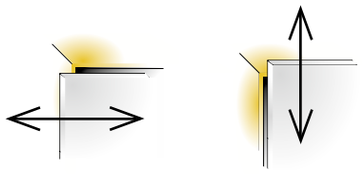
NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)	Item number for a set	Item number for a set	White	Antracite grey
270	655-8Z27 ⟶	655-8H27 ⟶	150	185
300	655-8Z30 ⟶	655-8H30 ⟶	150	185
350	655-8Z35 ⟶	655-8H35 ⟶	150	185
400	655-8Z40 ⟶	655-8H40 ⟶	150	185
450	655-8Z45 ⟶	655-8H45 ⟶	150	185
500	655-8Z50 ⟶	655-8H50 ⟶	150	185
550	655-8Z55 ⟶	655-8H55 ⟶	150	185

One set consists of

Drawer sides		2 pcs
Drawer runners		2 pcs
*Front connectors		2 pcs
Rear 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 — 40kg
- Minimum height per drawer required — 230mm
- Wooden back panel thickness — 16mm
- Wooden bottom panel thickness — 16mm



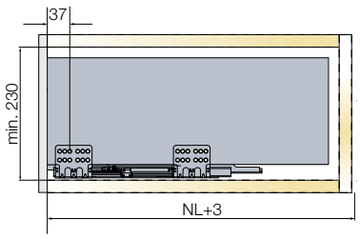
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

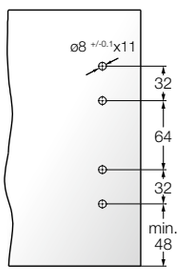
Installation dimensions

Minimum space required for the cabinet

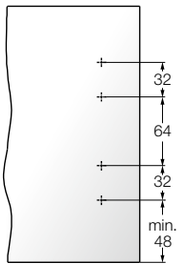


Drilling dimensions for the front panel

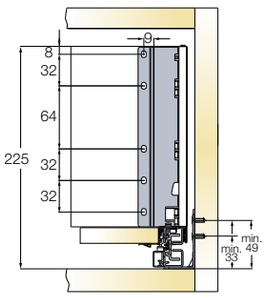
EasyFix attachment



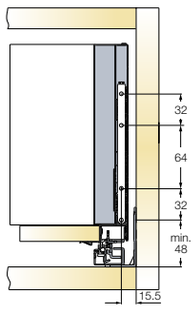
Screw-in attachment



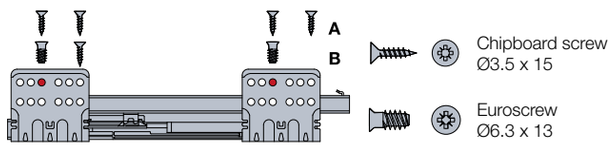
Mounting dimensions for the back panel

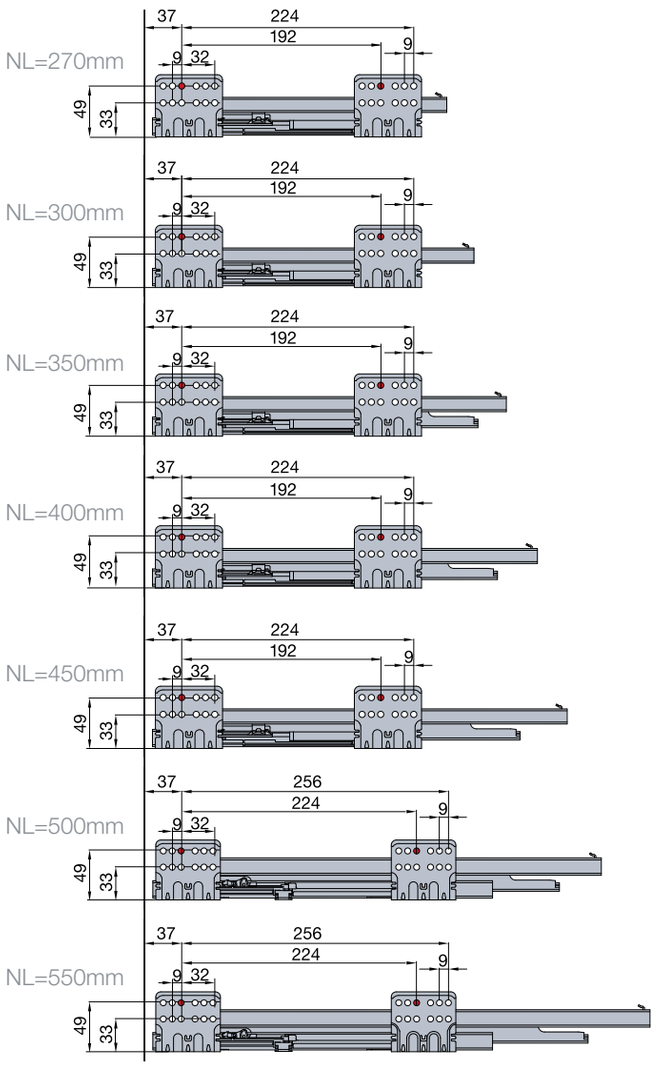


Installation dimensions for the front panel



Drawer runner fixing positions

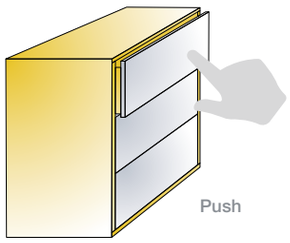


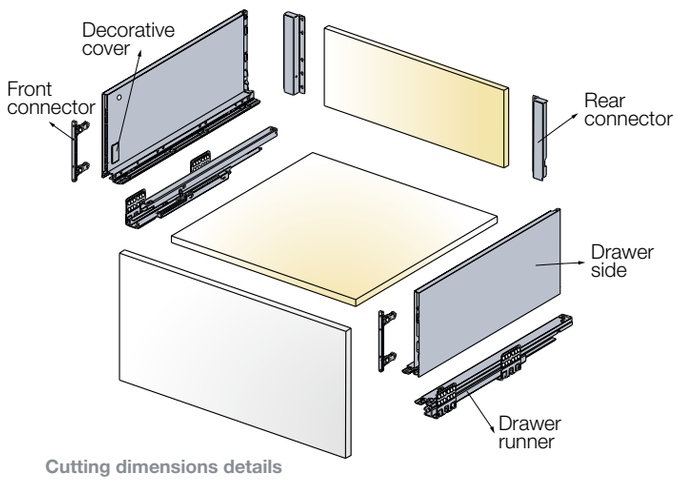


A trial mounting is always recommended. For further information please contact your Titus Group representative.

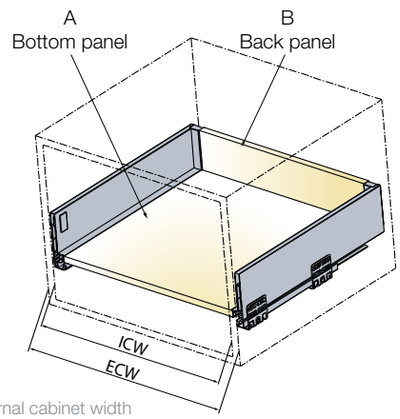
Tekform Slimline Tacto Drawer DW182

Touch Opening System

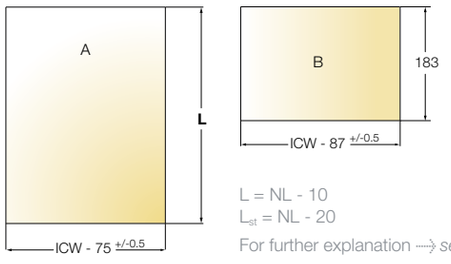




Cutting dimensions details



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

NL Nominal length (mm)	with EasyFix front connector Item number for a set	with Screw-in front connector Item number for a set	White
400	655-8Z61 ⇢	655-8H61 ⇢	150
450	655-8Z62 ⇢	655-8H62 ⇢	150
500	655-8Z63 ⇢	655-8H63 ⇢	150
550	655-8Z64 ⇢	655-8H64 ⇢	150

One set consists of

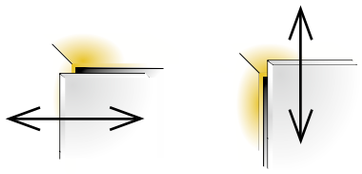
Drawer sides	2 pcs
Drawer runners	2 pcs
*Front connectors	2 pcs
Rear connectors	2 pcs
Covers	2 pcs 2 pcs
Mounting instructions	1 pc/4 sets

Screws are not included

Touch opening

Tacto Slimline Mechanism
⇢ *see page 3.47*

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



Side adjustment +1/-1mm

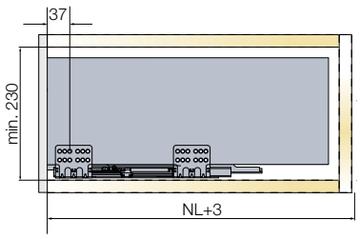
Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

Works only with Tacto Slimline Mechanism
⇢ see page 3.47

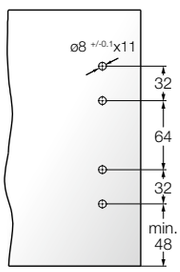
Installation dimensions

Minimum space required for the cabinet

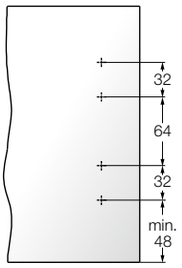


Drilling dimensions for the front panel

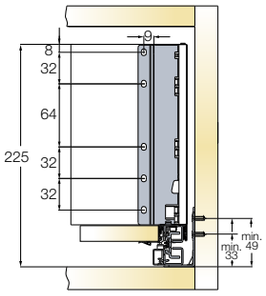
EasyFix attachment



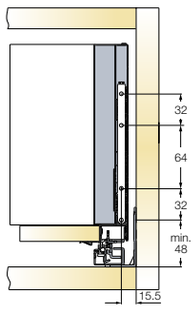
Screw-in attachment



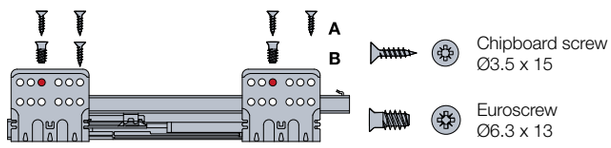
Mounting dimensions for the back panel

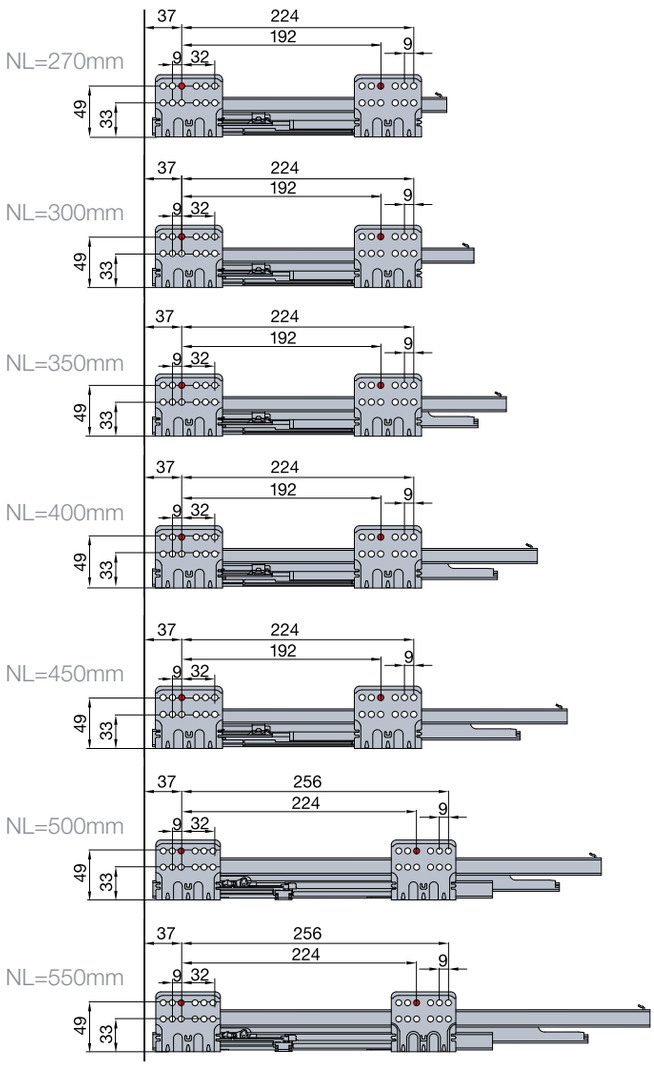


Installation dimensions for the front panel



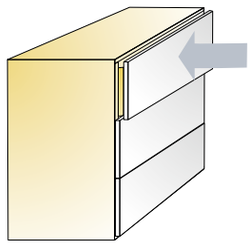
Drawer runner fixing positions



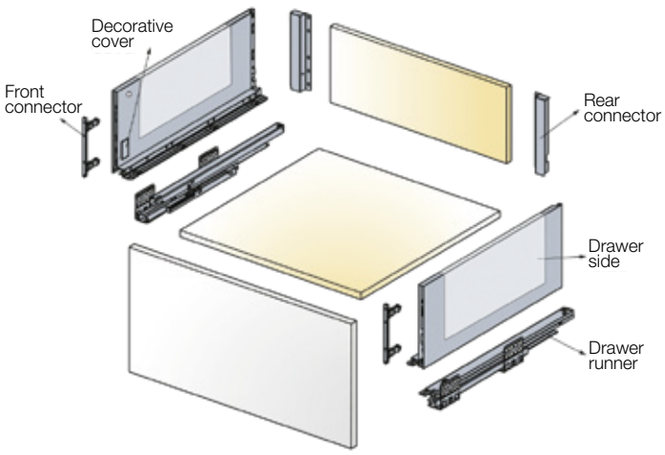


A trial mounting is always recommended. For further information please contact your Titus Group representative.

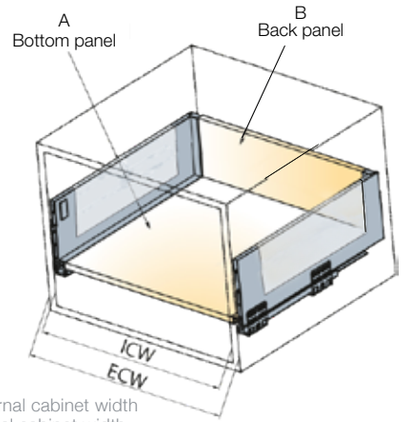
Tekform Slimline
Drawer DW182
With Glass Sides



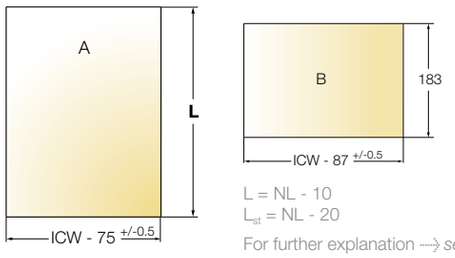
NL	with EasyFix front connector	with Screw-in front connector		
Nominal length (mm)	Item number for a set	Item number for a set	White + Glass	Antracite grey + Glass
400	**655-7T40** →	**655-7X40** →	152	187
450	**655-7T45** →	**655-7X45** →	152	187
500	**655-7T50** →	**655-7X50** →	152	187



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*

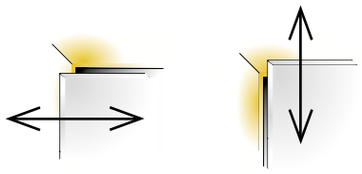
4 sets

One set consists of

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

Screws are not included

· Drawer runner type	Full extension
· Load capacity	40kg
· Minimum height space required	230mm
· Wooden back panel thickness	16mm
· Wooden bottom panel thickness	16mm
· Tempered gl ass sides	8mm, transparent



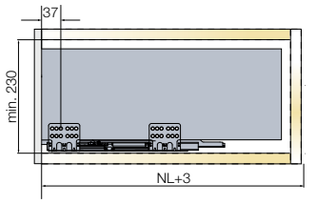
Side adjustment +1/-1mm

Height adjustment +2/-2mm

For further explanation ⇢ see page 3.10

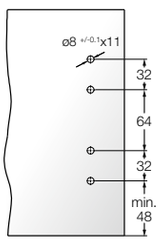
Installation dimensions

Minimum space required for the cabinet

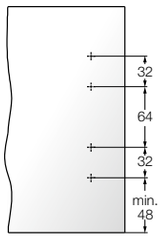


Drilling dimensions for the front panel

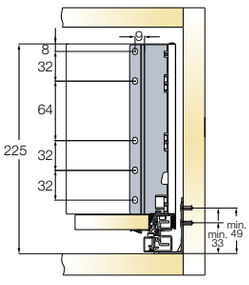
EasyFix attachment



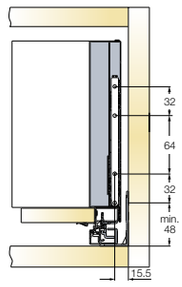
Screw-in attachment



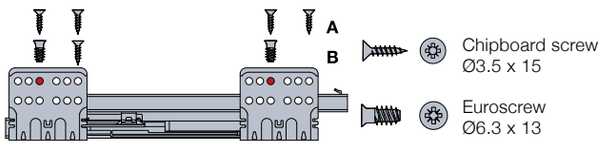
Mounting dimensions for the back panel

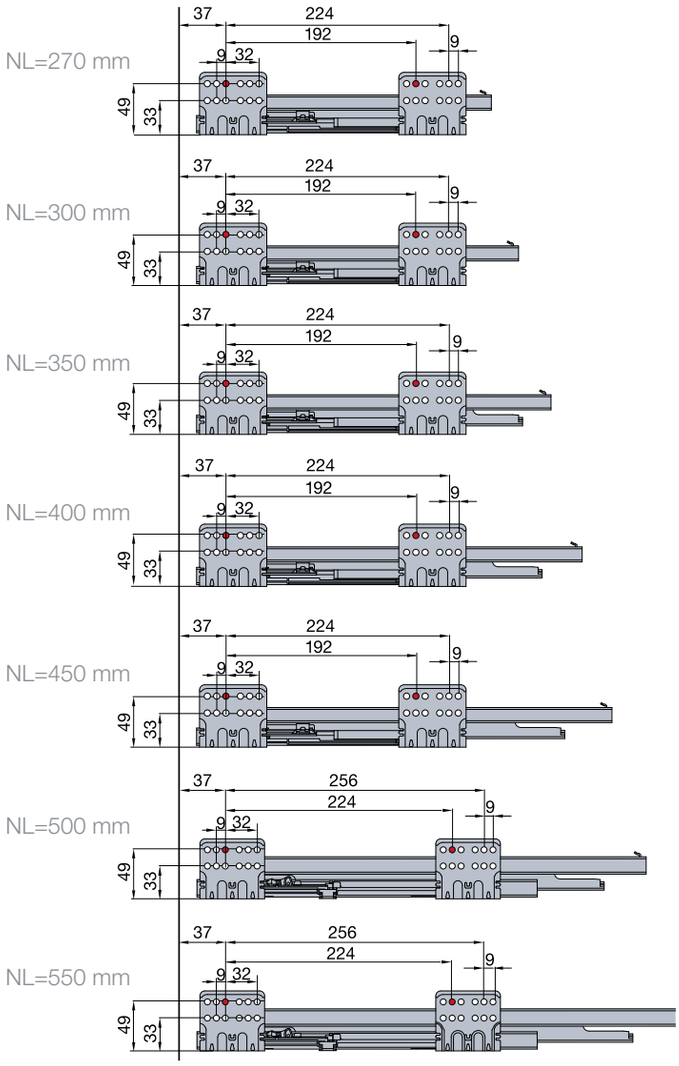


Installation dimensions for the front panel



Drawer runner fixing positions

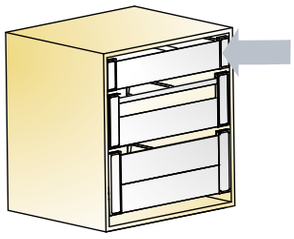




A trial mounting is always recommended.
For further information please contact your Titus Group representative.

Inner Drawer Front for Tekform Slimline Drawer

DW70



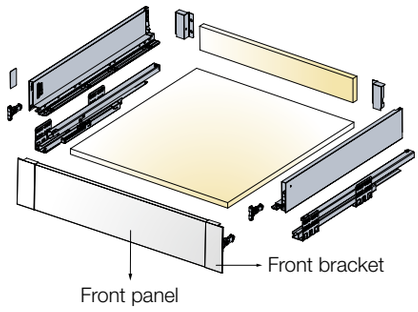
	ECW External cabinet width	Item number	White	Antracite grey
Front panel	**1200**	**655-8064** ⇢	511	515

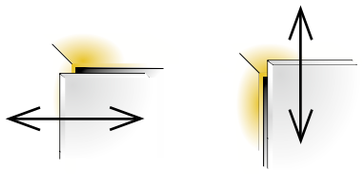
Cutting dimension L = ICW-100
ICW ⇢ *see page 3.28*

20 pcs — Made of aluminium

Front bracket		**655-8065** ⇢	150	185

50 sets — Made of aluminium and plastic





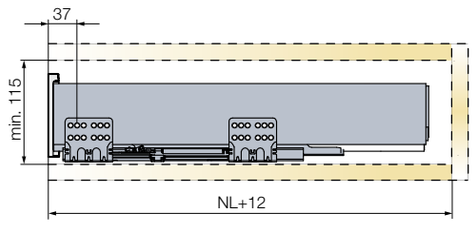
Side adjustment +1/-1mm

Height adjustment +2/-2mm

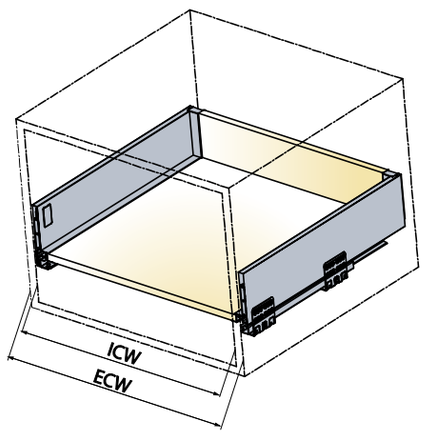
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

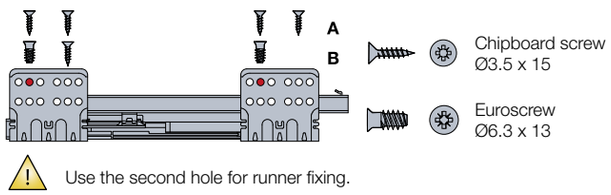


Cutting dimensions details

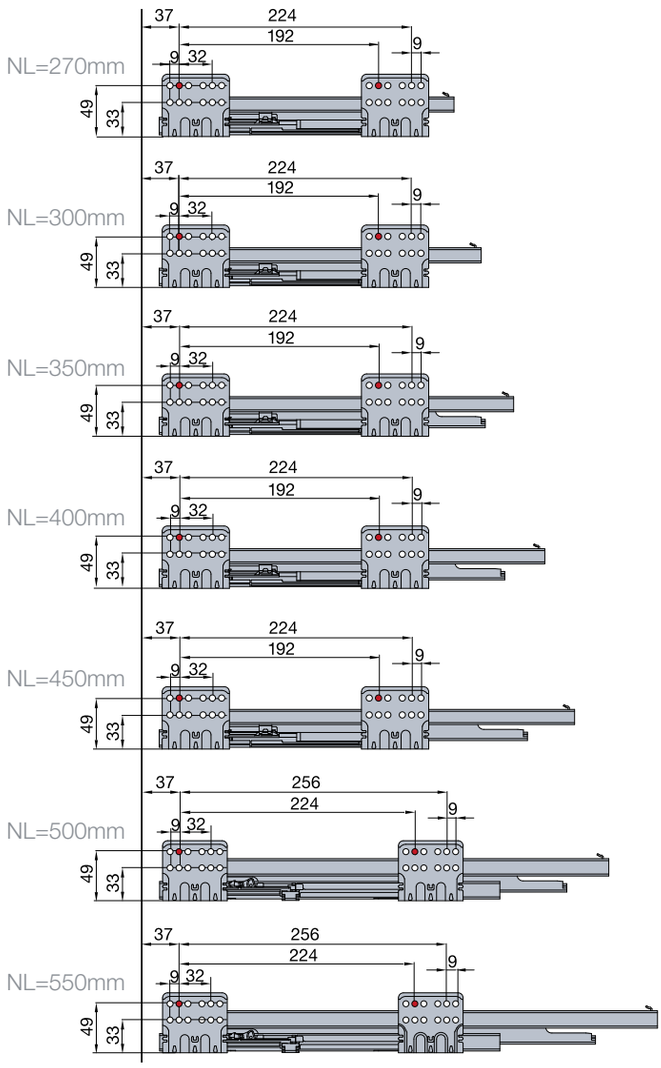


ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer

Drawer runner fixing positions

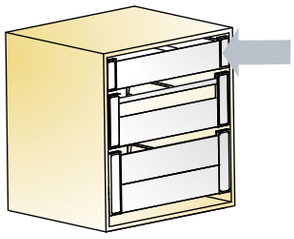


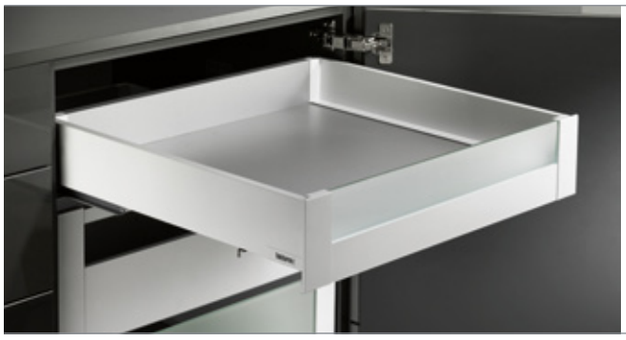
Use the second hole for runner fixing.

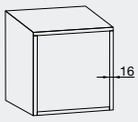
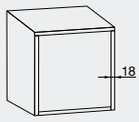


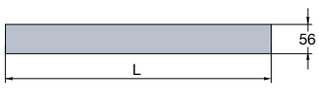
Inner Drawer Front for Tekform Slimline Drawer

DW70 with Glass





	ECW	Cabinet side Thickness=16mm	Cabinet side Thickness=18mm			
	External cabinet width	 Item number	 Item number	White	Antracite grey	Transparent glass
Front panel	1200	655-8085 ⇢		511	515	
	600	655-8295 ⇢	655-8300 ⇢			392
Low glass	800	655-8296 ⇢	655-8301 ⇢			392
	900	655-8297 ⇢	655-8302 ⇢			392
Front bracket		655-8305 ⇢		150	185	



Cutting dimension L = ICW-100

ICW ⇢ *see page 3.30*

20 pcs

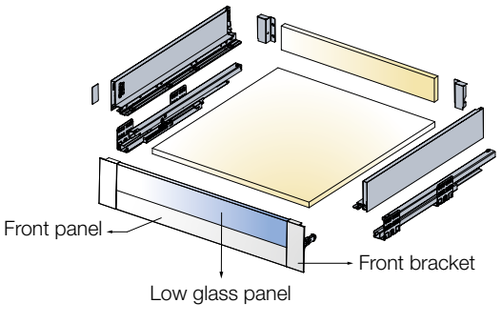
Made of aluminium

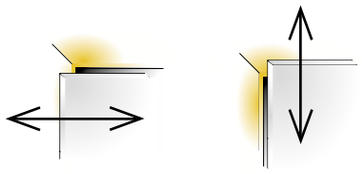
10 pcs
20 pcs (655-8295, 655-8300, 655-8296, 655-8301)

Made of glass

50 sets

Made of aluminium and plastic





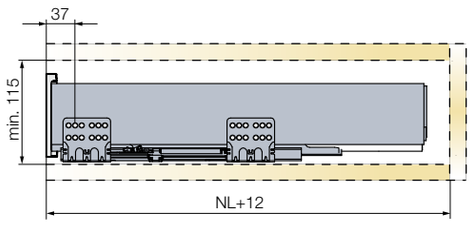
Side adjustment +1/-1mm

Height adjustment +2/-2mm

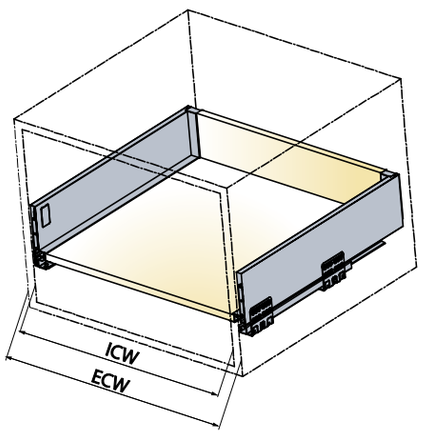
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

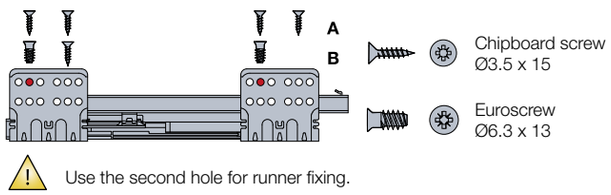


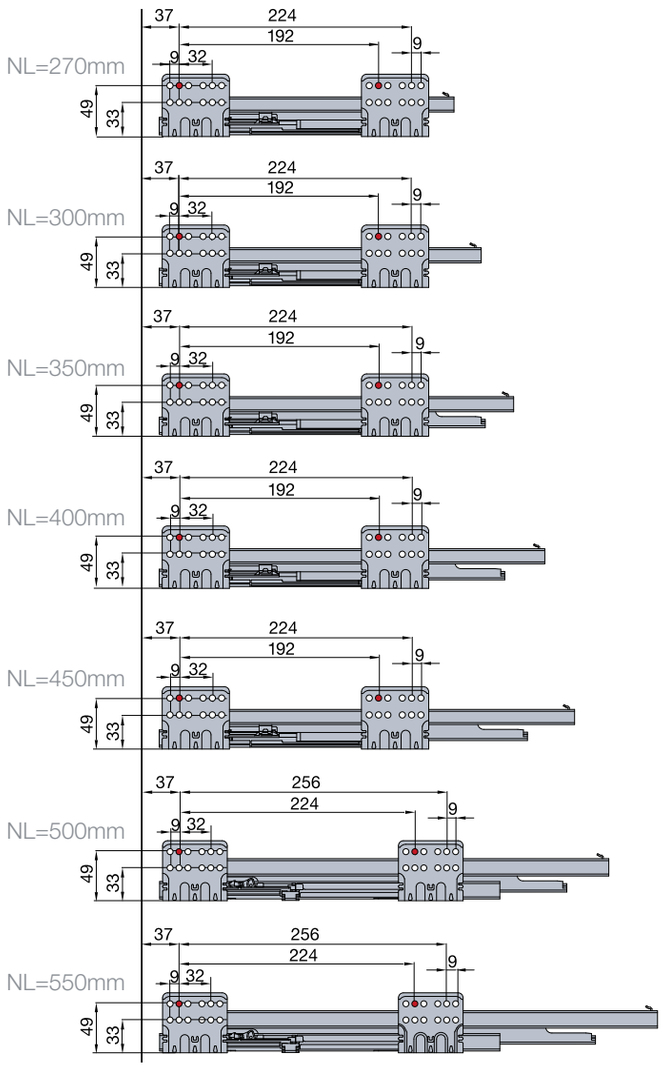
Cutting dimensions details



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

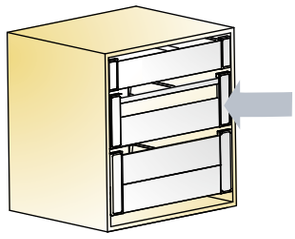
Drawer runner fixing positions





Inner Drawer Front for Tekform Slimline Drawer

DW145 with Bar



	ECW External cabinet width	Item number	White	Antracite grey
Front bar	1200	655-8090 ⇢	511	515

Cutting dimension L = ICW-88
ICW ⇢ *see page 3.32*

50 pcs Made of aluminium

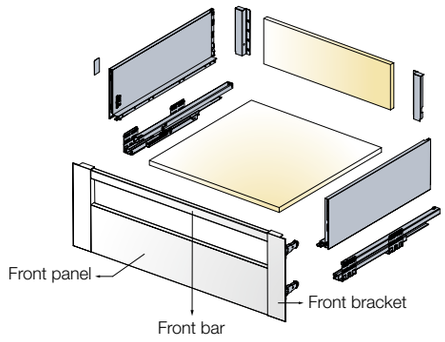
Front panel	1200	655-8064 ⇢	511	515

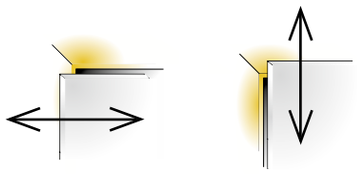
Cutting dimension L = ICW-100
ICW ⇢ *see page 3.32*

20 pcs Made of aluminium

Front bracket		655-8101 ⇢	350	385

20 pcs Made of aluminium and plastic





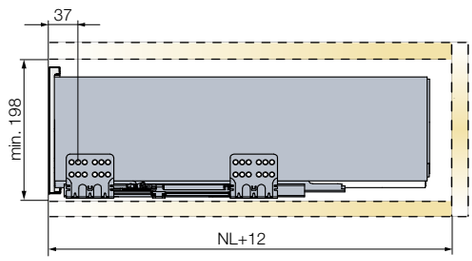
Side adjustment +1/-1mm

Height adjustment +2/-2mm

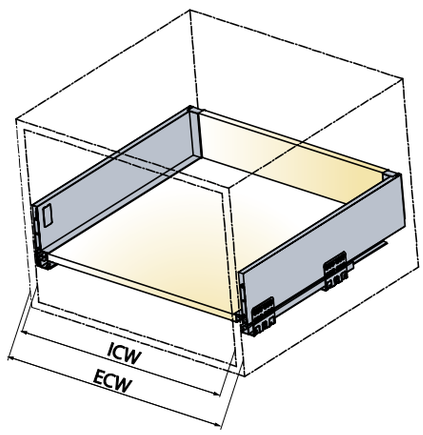
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

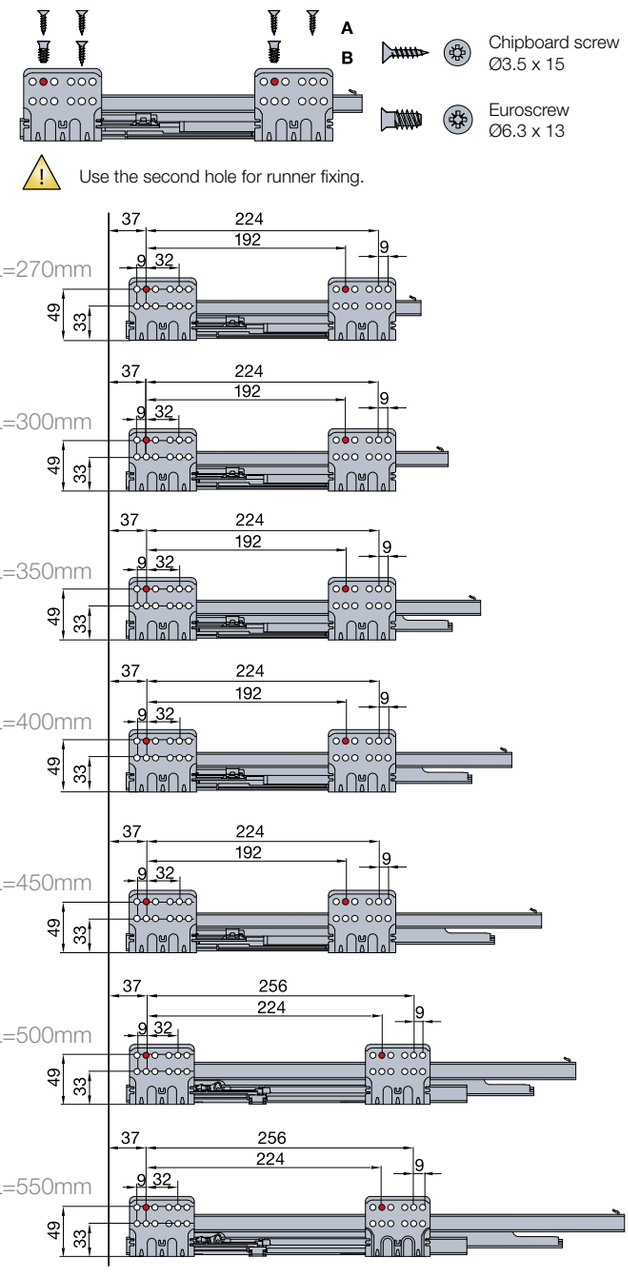


Cutting dimensions details



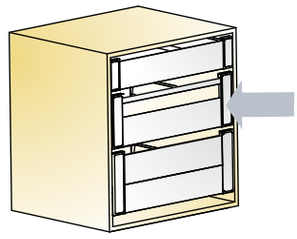
ECW: External cabinet width
ICW: Internal cabinet width
NL: Nominal length of drawer

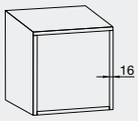
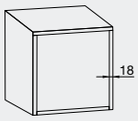
Drawer runner fixing positions

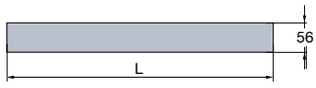


Inner Drawer Front for Tekform Slimline Drawer

DW145 with High Glass

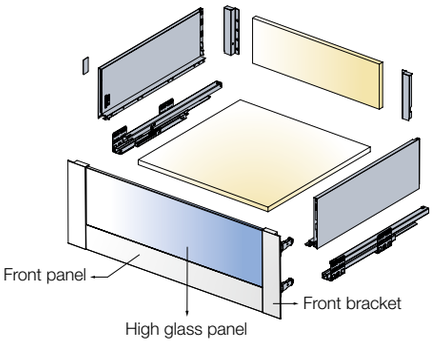


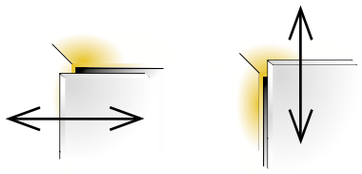
	ECW	Cabinet side Thickness=16mm	Cabinet side Thickness=18mm			
	External cabinet width	 Item number	 Item number	White	Antracite grey	Transparent glass
Front panel	1200	655-8085 →		511	515	
20 pcs — Made of aluminium						
Front glass panel - high	600	655-8220 →	655-8096 →			392
	800	655-8221 →	655-8097 →			392
	900	655-8222 →	655-8098 →			392
5 pcs 10 pcs (655-8220, 655-8096, 655-8221, 655-8097) — Made of glass						
Front bracket		655-8103 →		350	385	
20 sets — Made of aluminium and plastic						



Cutting dimension L = ICW-100

ICW → *see page 3.34*





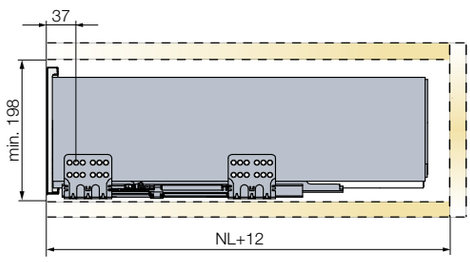
Side adjustment +1/-1mm

Height adjustment +2/-2mm

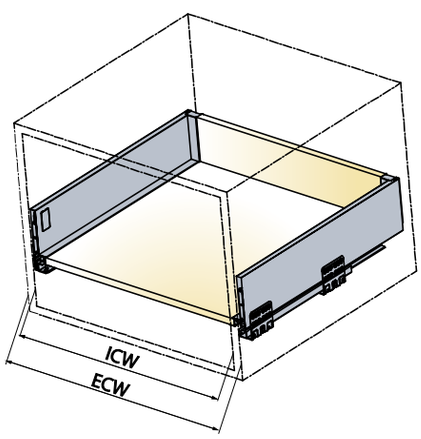
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

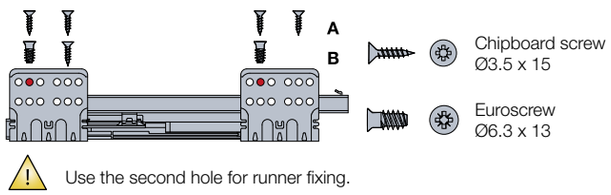


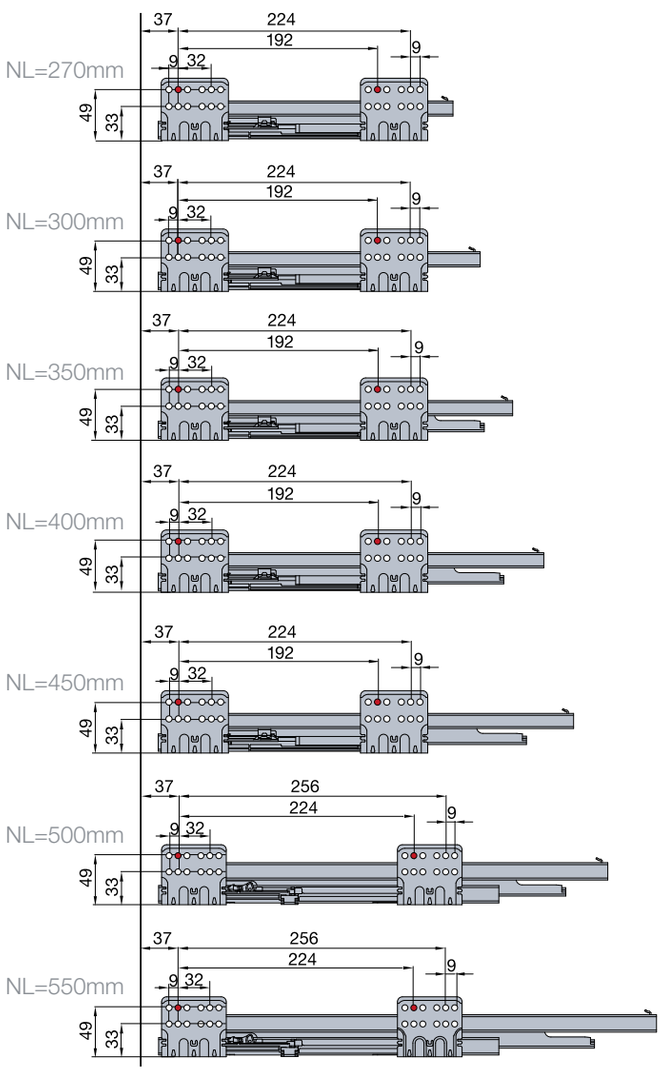
Cutting dimensions details



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

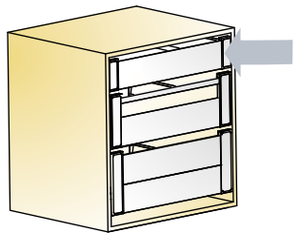
Drawer runner fixing positions

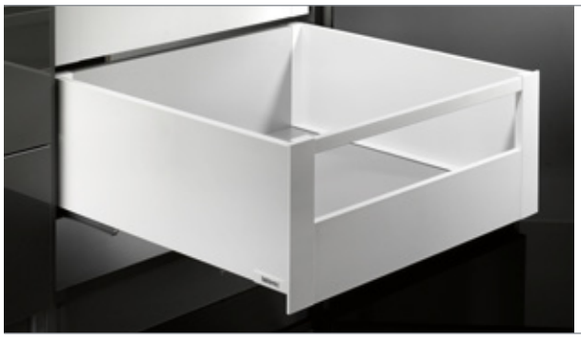




Inner Drawer Front for Tekform Slimline Drawer

DW182 with Bar



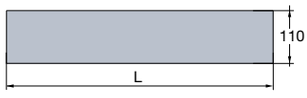


	ECW External cabinet width	Item number	White	Antracite grey
Front bar	1200	655-8090 ⇢	511	515

Cutting dimension L = ICW-88
ICW ⇢ *see page 3.36*

50 pcs Made of aluminium and plastic

Front panel	1200	655-8064 ⇢	511	515

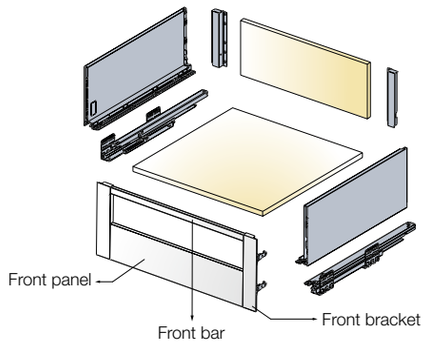


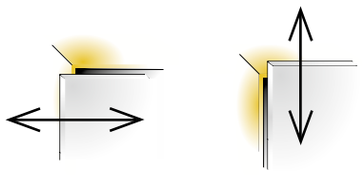
Cutting dimension L = ICW-100
ICW ⇢ *see page 3.36*

20 pcs Made of aluminium

Front bracket		655-8170 ⇢	350	385

20 sets Made of aluminium and plastic





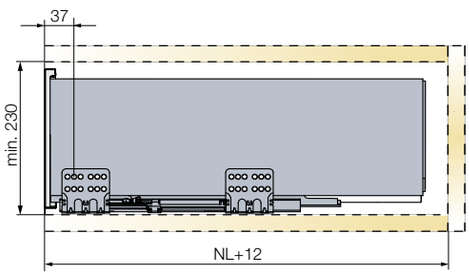
Side adjustment +1/-1mm

Height adjustment +2/-2mm

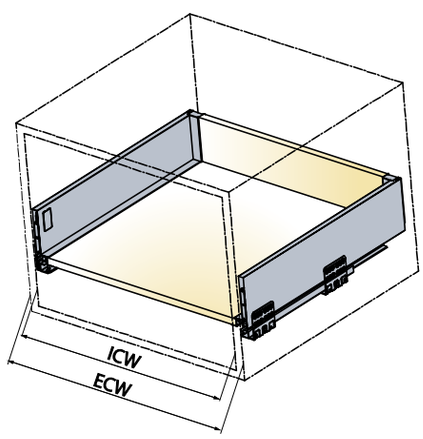
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

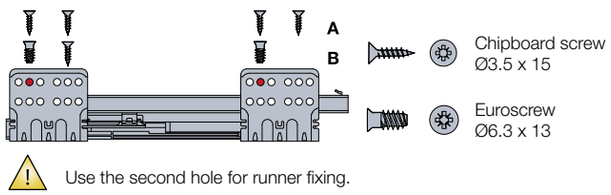


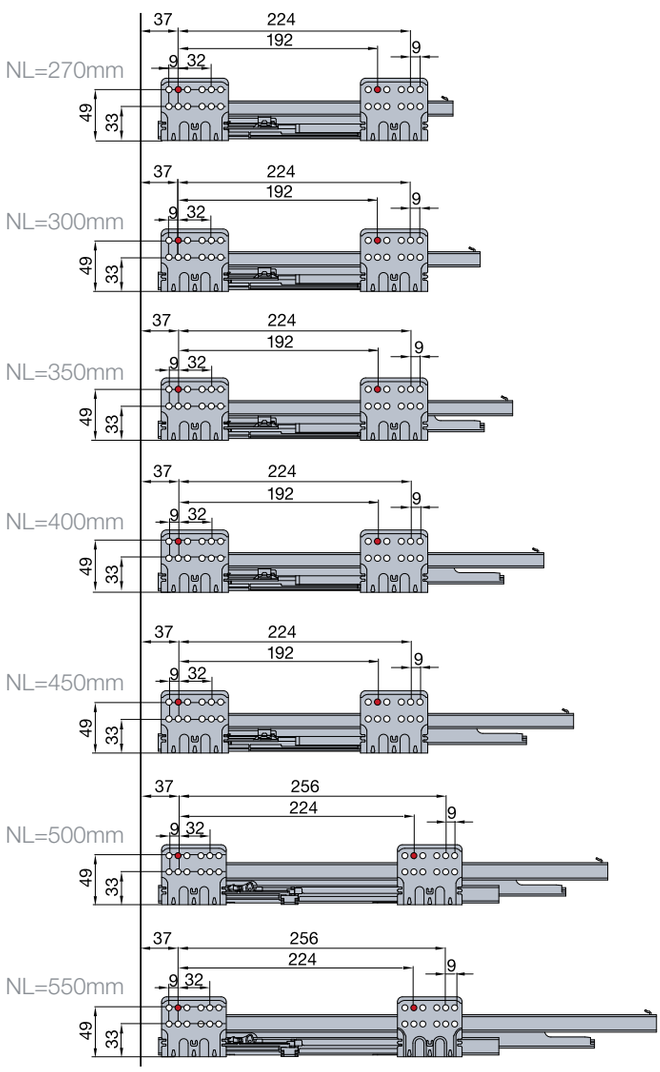
Cutting dimensions details



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

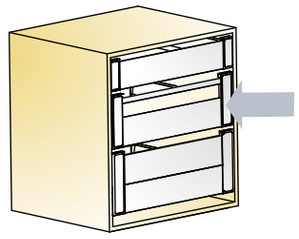
Drawer runner fixing positions

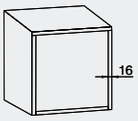
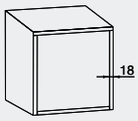




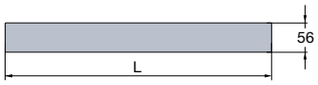
Inner Drawer Front for Tekform Slimline Drawer

DW182 with High Glass



ECW	Cabinet side Thickness=16mm	Cabinet side Thickness=18mm			
External cabinet width	 Item number	 Item number	White	Antracite grey	Transparent glass

Front panel



Cutting dimension L = ICW-100
ICW ⇢ *see page 3.38*

20 pcs — Made of aluminium

1200	655-8085 ⇢		511	515	

Front glass panel - high

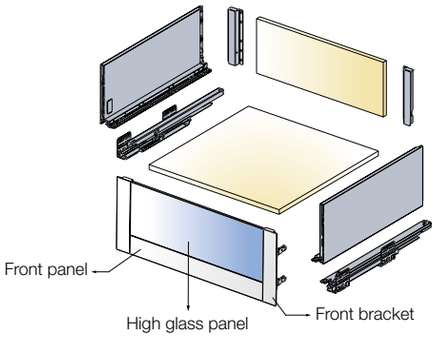
5 pcs
10 pcs (655-8280, 655-8165, 655-8281, 655-8166) — Made of glass

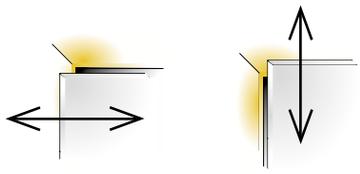
600	655-8280 ⇢	655-8165 ⇢			392
800	655-8281 ⇢	655-8166 ⇢			392
900	655-8282 ⇢	655-8167 ⇢			392

Front bracket

20 sets — Made of aluminium and plastic

	655-8172 ⇢		350	385	





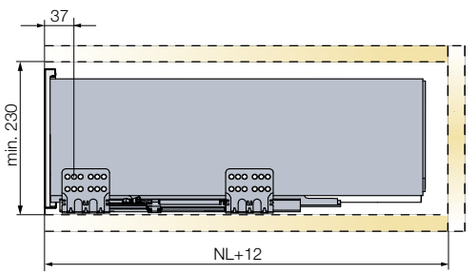
Side adjustment +1/-1mm

Height adjustment +2/-2mm

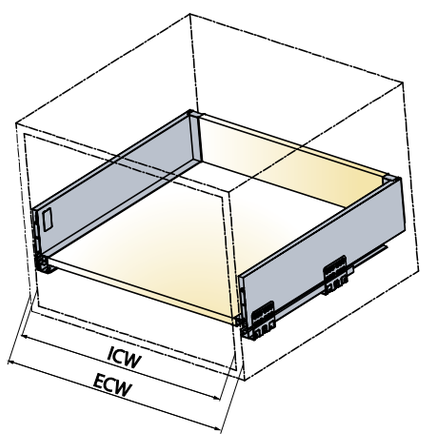
For further explanation ⇢ see page 3.10

Installation dimensions

Minimum space required for the cabinet

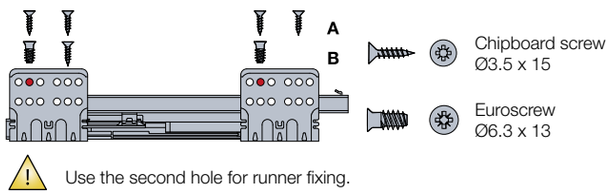


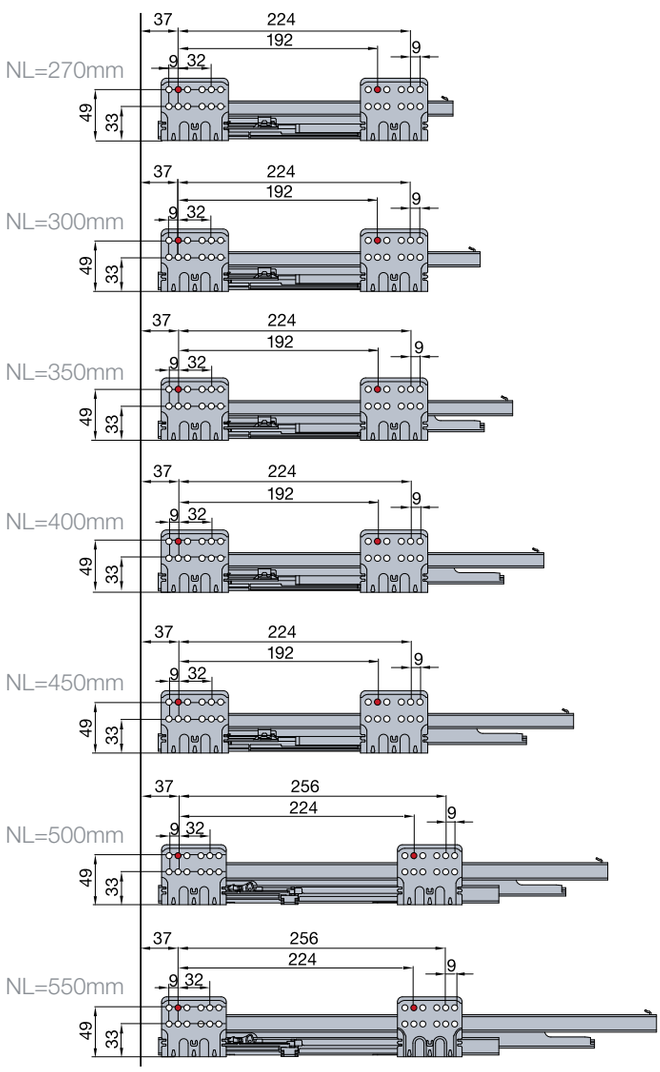
Cutting dimensions details



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

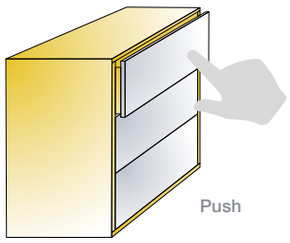
Drawer runner fixing positions

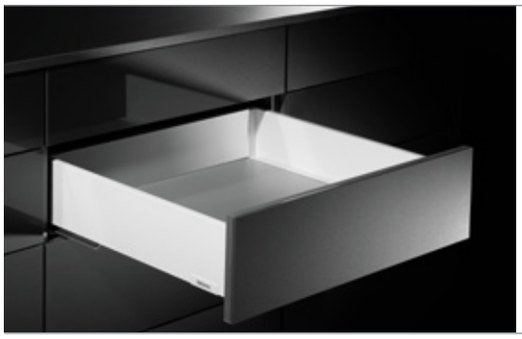




Accessories

Tacto Slimline Mechanism
Touch Opening



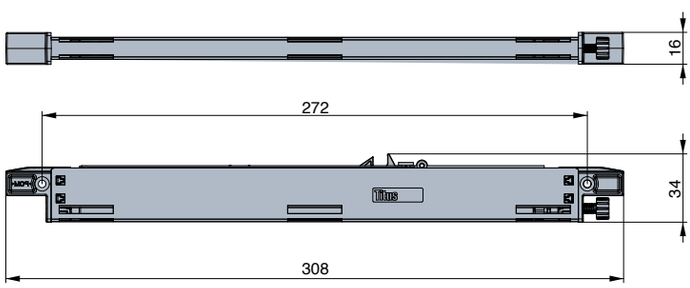


Technical details

Item number	Zinc plated
655-9152	040

Set of 2 mechanisms (one drawer application):
655-9152-040-K1

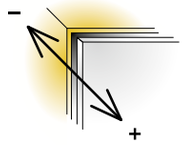
PushOpen Mechanism		2 pcs
Chipboard screws		4 pcs
Mounting instructions		1 pc/set



30 sets

Made of steel and plastic

- Fast and intuitive mounting without pre-drilling
- Reliable and secure closing
- Non handed design
- Narrow 1.5mm operating gap for evenly aligned fronts

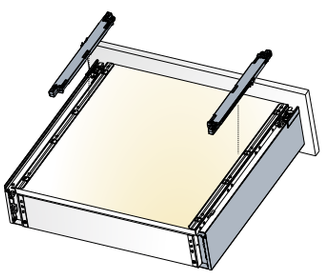


Depth adjustment -0.5/+2.5mm

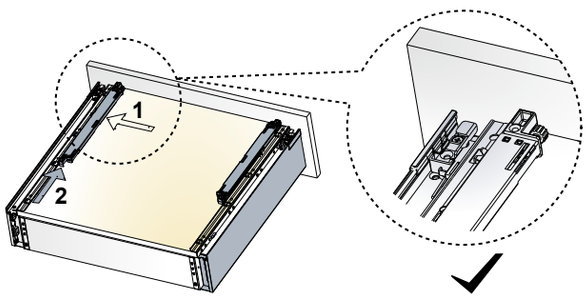
Works only with Tacto Slimline

→ *see page 3.47*

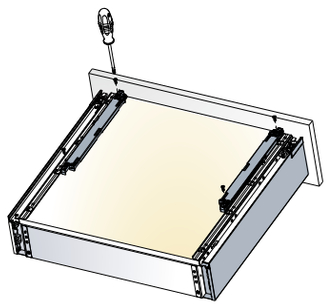
Mounting details



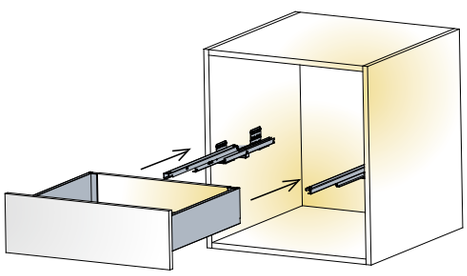
Position both Tacto mechanisms on the bottom of drawer



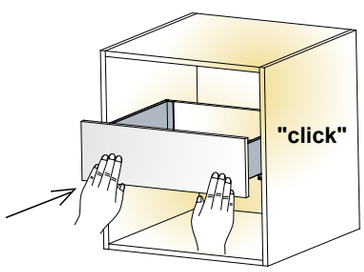
Allign Tacto mechanisms with drawer lip and push to the front panel



Screw-on both mechanisms

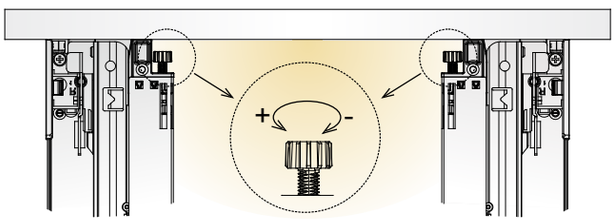


Place the drawer horizontally on the runners and push towards the cabinet until you hear the drawer is locked

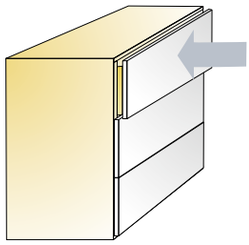


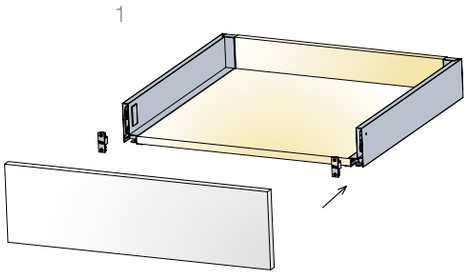
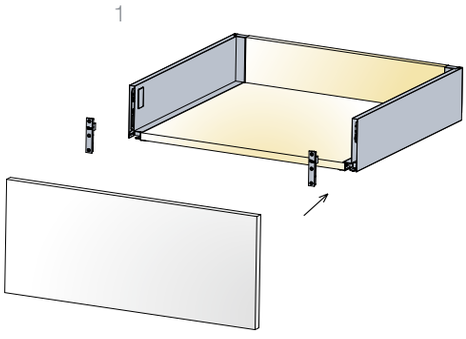
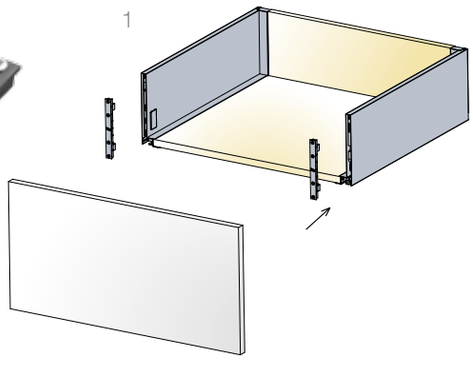
Push to fully close

Depth adjustment

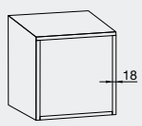


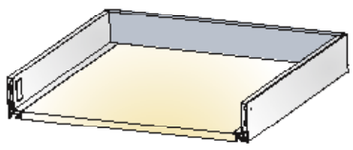
Accessories
Marking Jig



	Item number	Black
Marking jig for Tekform Slimline drawer DW70  1 set Made of plastic and steel	655-8016 →	390
Marking jig for Tekform Slimline drawer DW100  1 set Made of plastic and steel	655-8017 →	390
Marking jig for Tekform Slimline drawer DW145 and DW182  1 set Made of plastic and steel	655-8018 →	390

Steel Back Panel

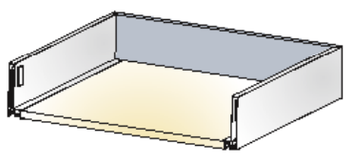
	External cabinet width	Cabinet side Thickness=18mm  Item number	Antracite grey
Steel back panel DW70			
	600	**655-7L60** →	185
	800	**655-7L80** →	185



Mounting → *see page 3.47*

10 pcs Made of steel

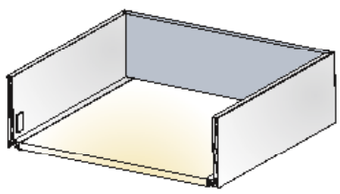
Steel back panel DW145			
	600	**655-7M60** →	185
	800	**655-7M80** →	185



Mounting → *see page 3.47*

10 pcs Made of steel

Steel back panel DW182			
	600	**655-7H60** →	185
	800	**655-7H80** →	185



Mounting → *see page 3.47*

10 pcs Made of steel

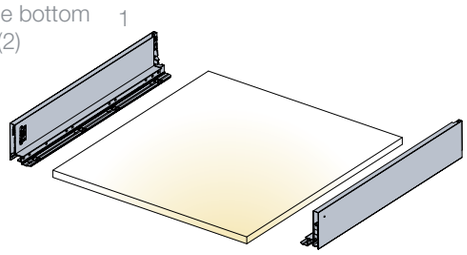
Assembly Instructions

Screws are not included

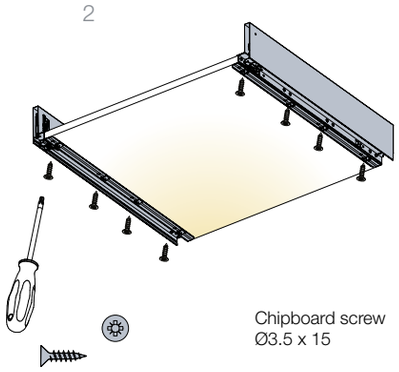
Assembly Sequence

Connect the drawer sides to the bottom panel (1) and fix it with screws (2)

1



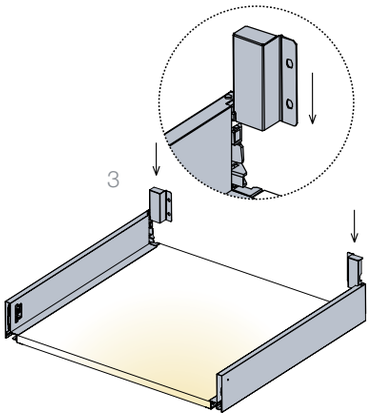
2



Chipboard screw
Ø3.5 x 15

Insert the rear connector vertically (3) and push it downwards into recess in the drawer side (4)

3



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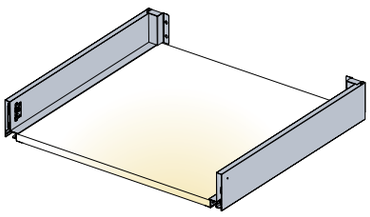
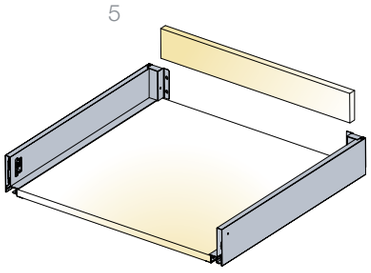
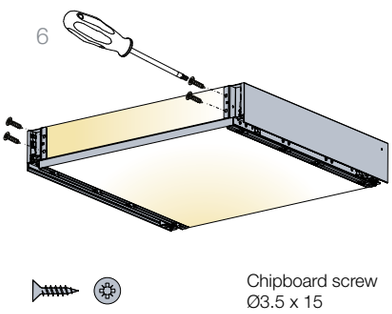


Insert the back panel (5) and fix it with screws (6)

5



6



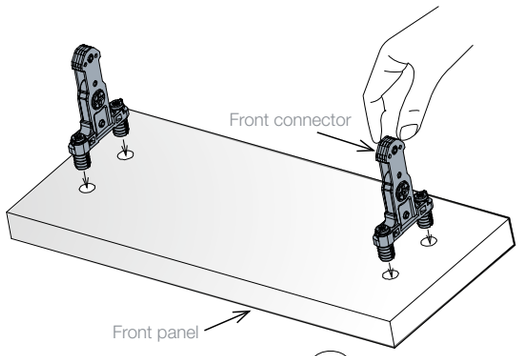
Chipboard screw
Ø3.5 x 15

Screws are not included

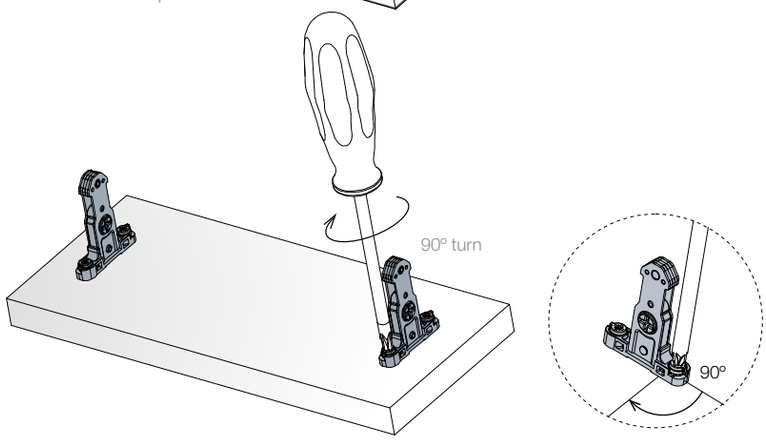
Insertion of Front Connectors

EasyFix

Insert the front connectors into holes on the front panel

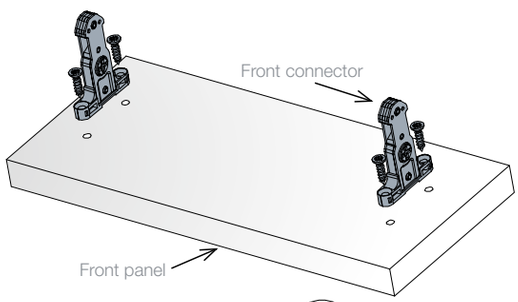


Turn the screws 90° into locked position



Screw-in fixing

Use Ø3 x 15mm screws for fixing



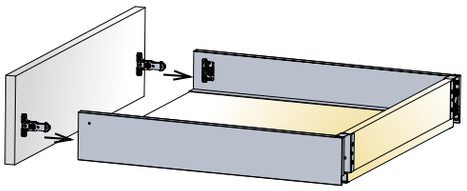
Chipboard screw
Ø3.5 x 15

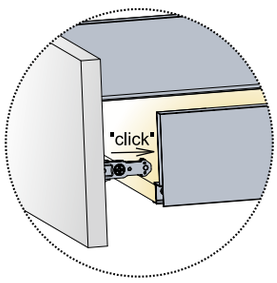
Assembly Instructions

Front Panel Mounting / Removal

Mounting

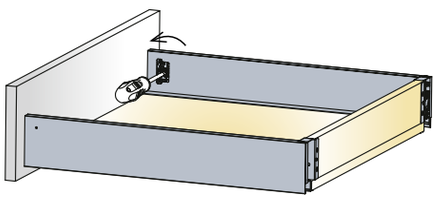
Attach the front panel to the drawer and press to click

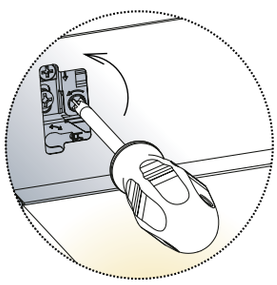


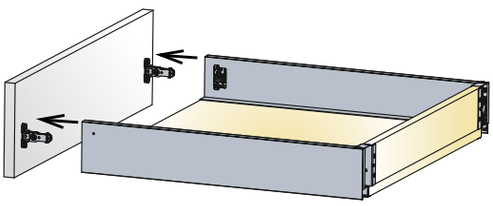


Removal

Turn the screw towards the front panel



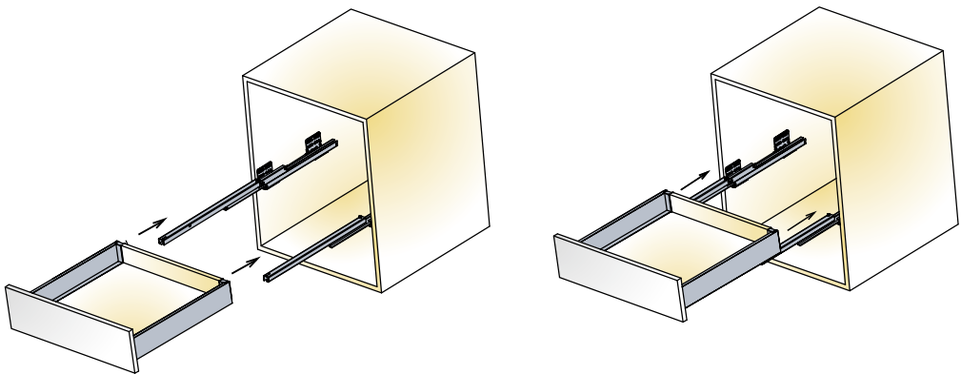




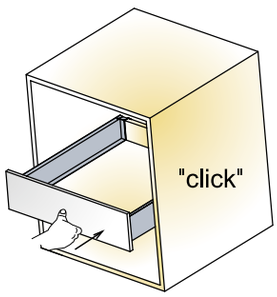
Drawer Insertion / Removal

Insertion

Place the drawer horizontally on the runners and push towards the cabinet until you hear the drawer is locked

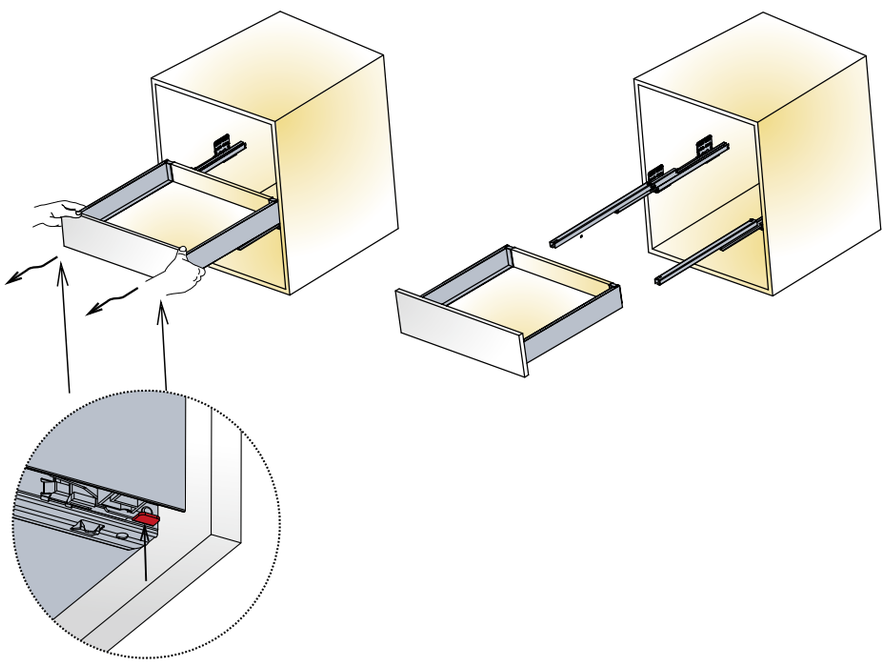


Push to fully close



Removal

Press-up the button under the drawer. Keep pressed to pull the drawer out



Press-up

Accessories Mounting
Steel Back Panel

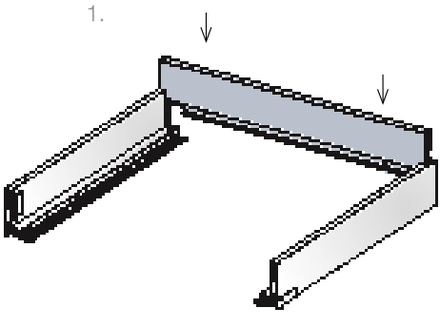
Screws are not included

Assembly Sequence

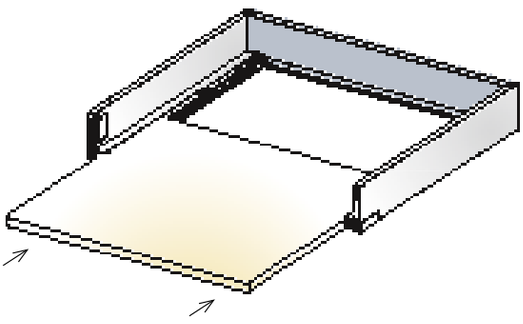
Insert the steel back panel vertically and push it downwards into recess in the drawer sides (1)

Slide the bottom panel horizontally into recess at the bottom of drawer sides (2)

1.



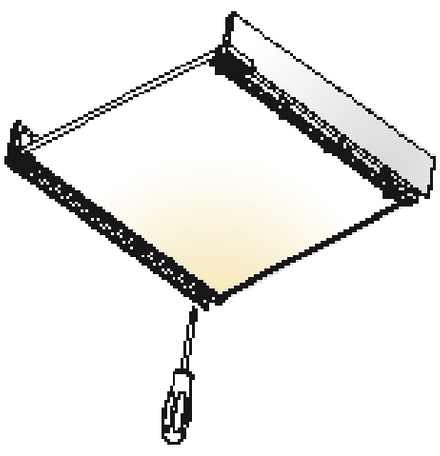
2.



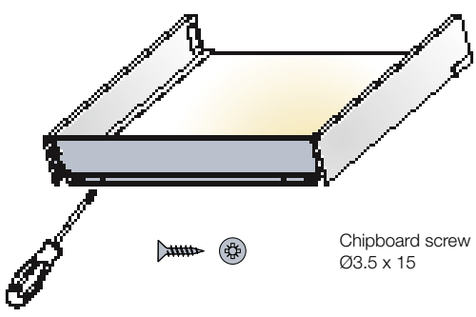
Fix the bottom panels with screws (3)

Fix the steel back panel with screws (4)

3.

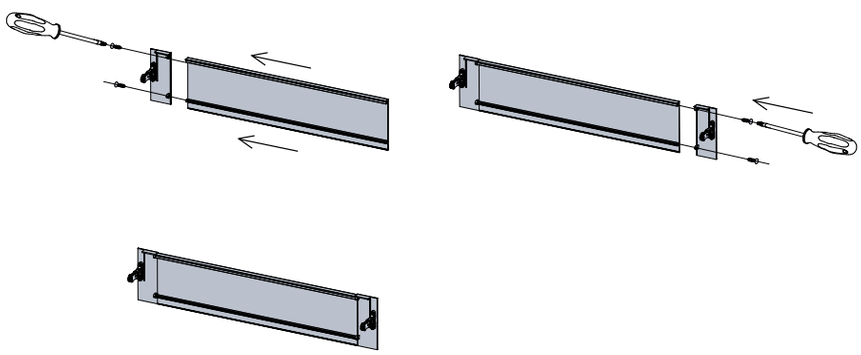


4.

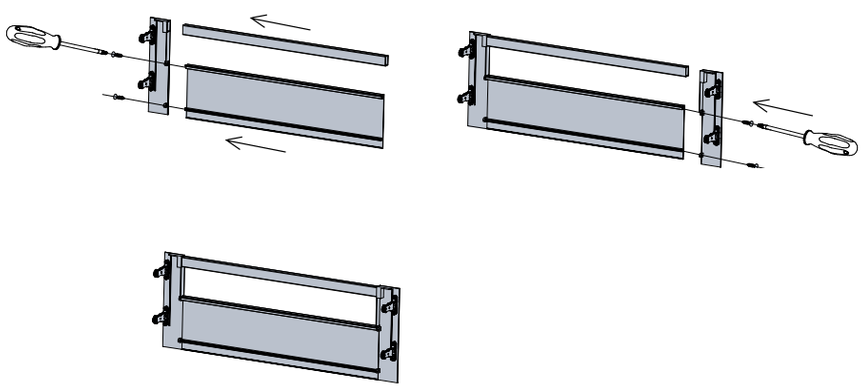


Assembly of Inner Drawer Front

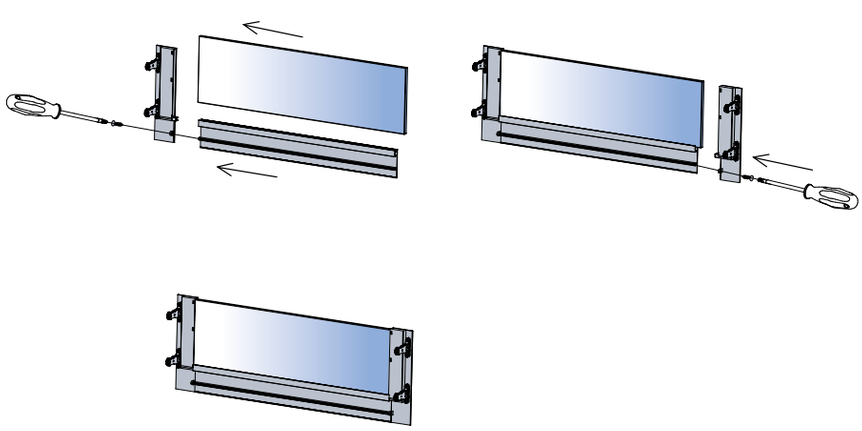
Slimline DW70



Slimline DW145 and DW182 with bar



Slimline DW70, DW145 and DW182 with glass

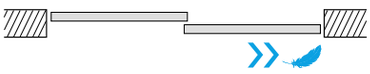


Soft Closing Systems for Sliding Doors and Drawers

Slidix Soft Closing Systems

Titus Damper Inside

- A fully programmable/controllable damping curve
- Precise definition of forces over the whole damping action
- Easy to fine tune performance to specific application

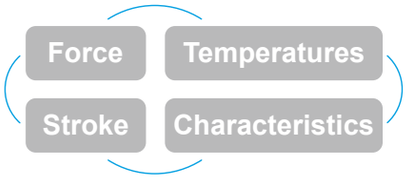


Fully controllable damping path

- Smooth and even soft closing on various dimensions and weights
- Reliable damping at any closing speed
- Silent closing without a rebounce

Consistent performance

- Reliable closing of doors from 15 to 120 kg at any closing speed
- The door will close even at minimum speed



Comfortable door opening

- Low pull-open force
- Effortless opening

Wide range of customization options

- Easy to fine-tune to specific application
- Several options of damper forces, spring forces and damper characteristics

Compact size

- Low spacial and protrusion impact on the application
- Fits numerous application options
- Manufacturer needs less adaptation to fit mechanism to its door situation

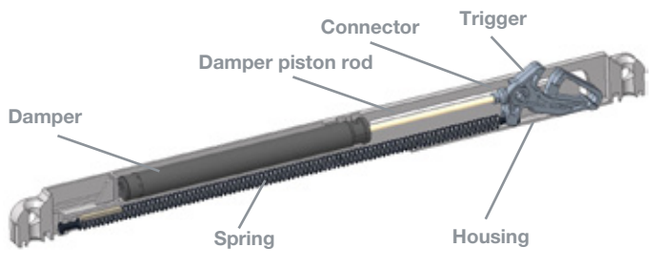
Slidix System
Information

Overview

Functional principles

Damping mechanism works in conjunction with activator; mounting of each on moving or fixed object of application depends on the application specifics.

Activator catches the trigger - pushes the piston rod to activate damping function.



Technical details

Temperature range	-30 °C to 70 °C
Stroke length	50mm or 100mm
Load capacity	15kg to 120kg
Damper force	2.5N to 22.5N
Spring force	4.3N to 17N
Damping characteristics	flat, progressive, MultiStage, with final release

Direction of movement

Depending on the application the user can choose from various options of movement: from outside-in, inside-out or both directions.

A position of trigger on Slidix defines the direction of movement. Pictures below show trigger in released position.

Inside-out
Slidix TB
Slidix TC
Slidix TE

Trigger is positioned on the inside of Slidix mechanism for damping towards end of the mechanism.

Outside-in
Slidix II
Slidix TA
Slidix TF

Trigger is positioned on the outside of Slidix mechanism for damping towards inside of the mechanism.

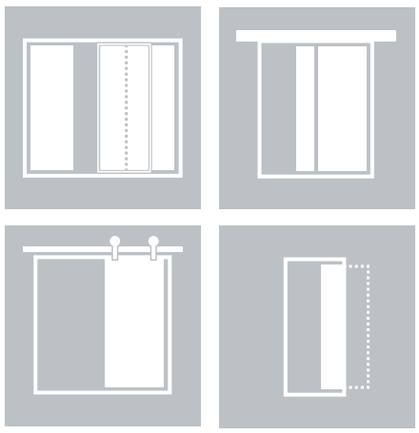
In both directions
Slidix Centro

Slidix Centro has double trigger centered in the middle to enable damping from left/right towards centre.

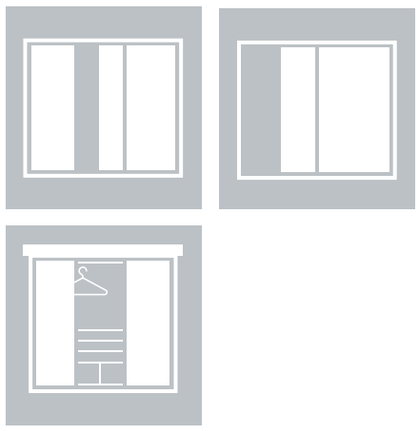
Overview

Areas of application

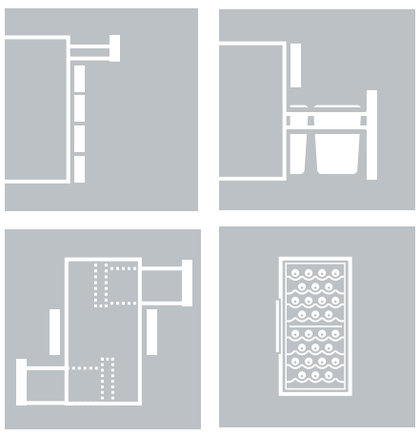
Architectural doors: interior wall partitions, and sliding doors, pocket doors, barn doors



Wardrobes and walk-in closets



Drawers and pull-out systems



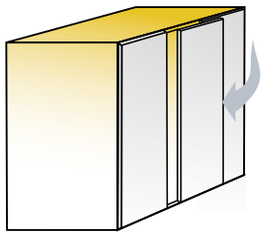
Shower doors

Operating scope

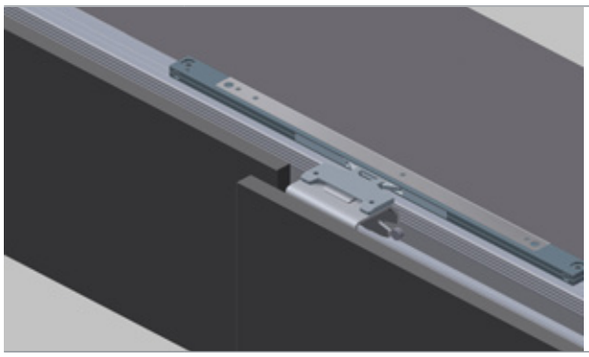
Slidix	Direction of movement	Damping stroke	Load capacity
Slidix Centro	Outside-in (in both directions)	50mm in 2 directions	15kg to 40kg
Slidix II	Outside-in	50mm	15kg to 80kg
Slidix TA	Outside-in	100mm	40kg to 120kg
Slidix TB	Inside-out	100mm	40kg to 80kg
Slidix TC	Inside-out	50mm	15kg to 60kg
Slidix TE	Inside-out	50mm	15kg to 60kg
Slidix TF	Outside-in (in both directions)	100mm in 2 directions	40kg to 120kg

Slidix Centro

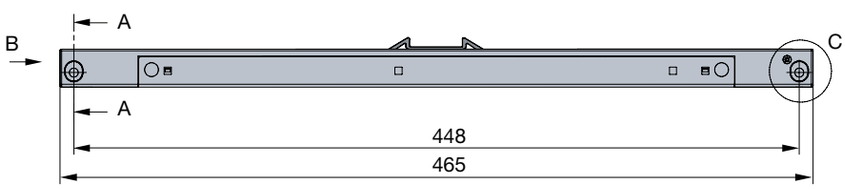
For middle sliding door damping and centering

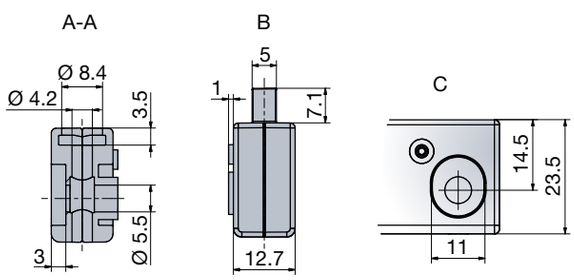


· Movement type	In both directions
· Stroke length in mm	50 left + 50 right
· Damper type	Hydraulic



	Technical details	Door weight (kg)	Spring force (N)	Item number
Slidix Centro		15	12	975-9216-040
		25	12	975-9217-040
		40	15	975-9218-040





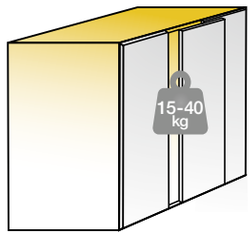
20 Pcs Made of plastic, steel cover

Activators

Activator TSC Plus
see page 4.21

- Consistent and reliable soft closing of middle cabinet door
- Optimal middle door centering assures confident door alignment
- Damping of middle door in both directions with one additional Slidix mechanism
- Titus hydraulic dampers ensure smooth and even soft closing action in both directions

Load capacity

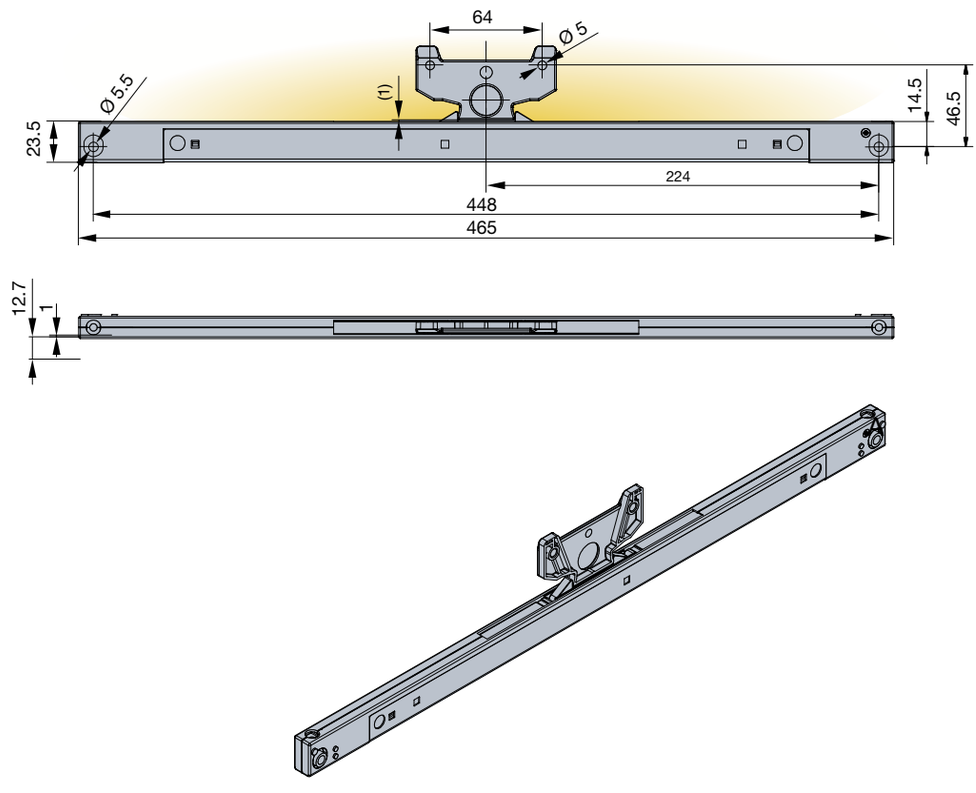


Works in range from 15-40 kg per door

Works only with activator TSC Plus
→ see page 4.21

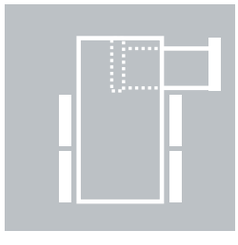
Application details

Drawing shows the needed mounting distance between Slidix mechanism and activator TSC Plus.



Applications

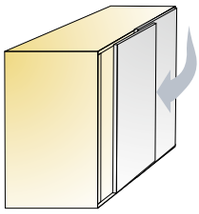
3-door sliding door cabinet

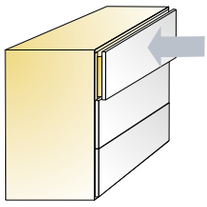


two way runners

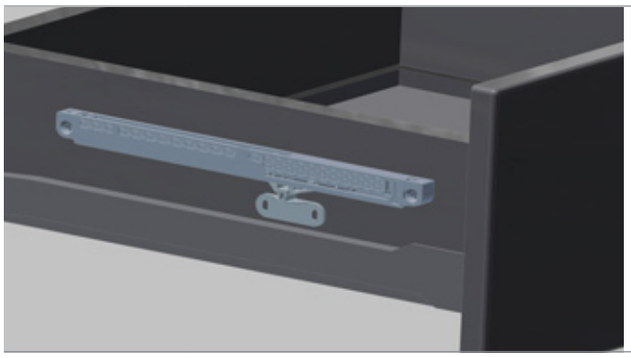
Slidix II

For drawers and sliding doors

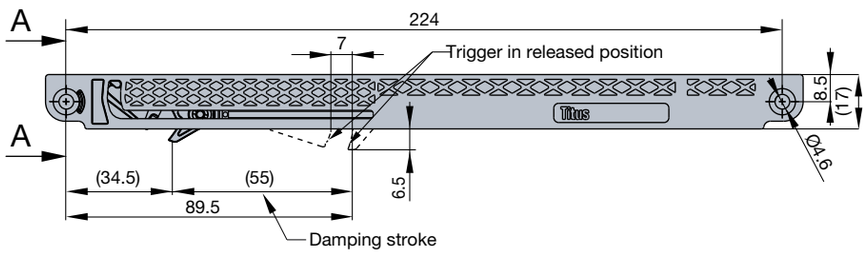


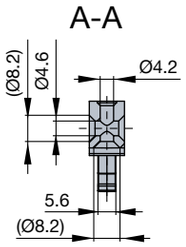


- Movement type — Outside-in
- Stroke length in mm — 50
- Damper type — Hydraulic



Technical details	Door weight (kg)	Spring force (N)	Item number
Slidix II	15	4.3	975-9456-380
	25	7.5	975-9457-380
	40	10	975-9459-380
	60	13	975-9461-380
	80	13	975-9462-380





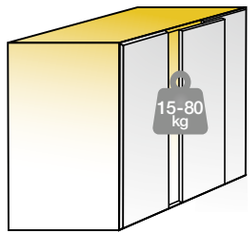
100 Pcs Made of plastic

Activators

Slidix activators
→ see pages 4.21 and 4.22

- Smooth and reliable closing
- Compatible with most of the drawer slides and sliding door applications
- Titus hydraulic dampers ensure smooth and even soft closing action

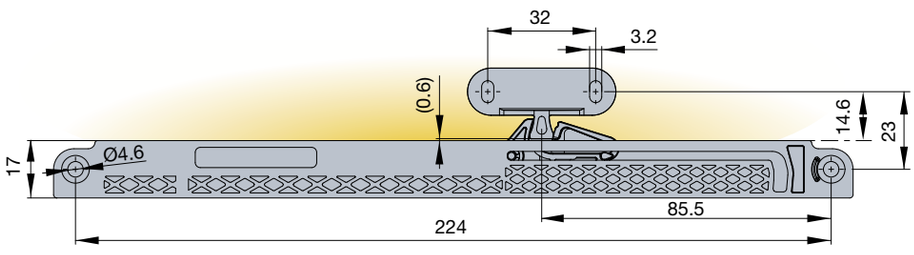
Load capacity

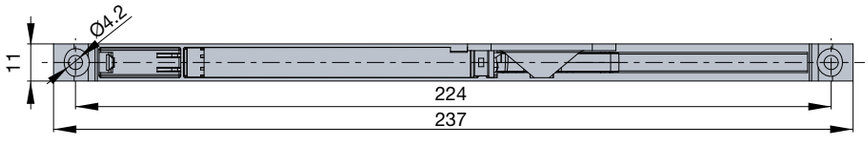


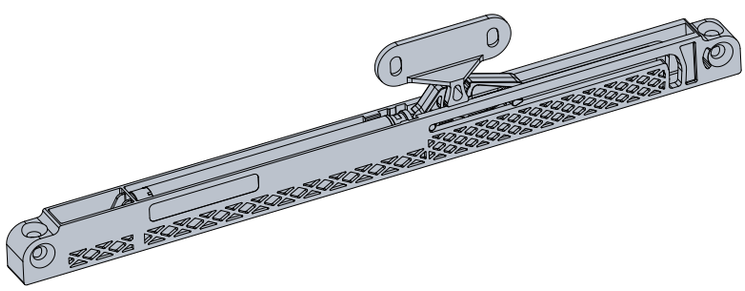
Works in range from 15-80 kg per door

Application details

Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.

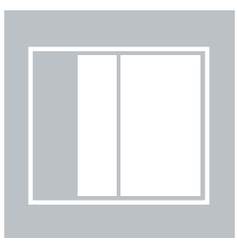






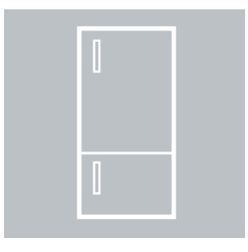
Applications

Interior sliding doors



wardrobes

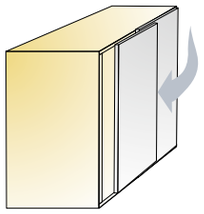
drawers



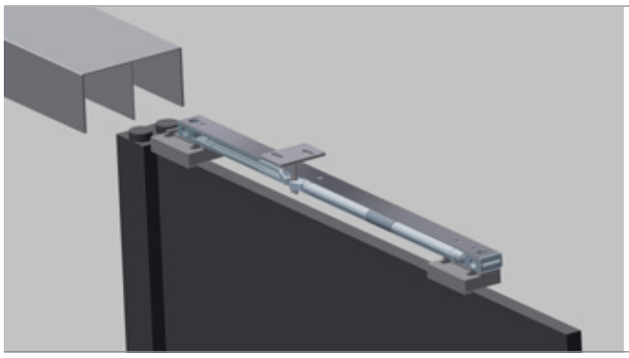
refrigerators

Slidix TA

For heavy sliding doors



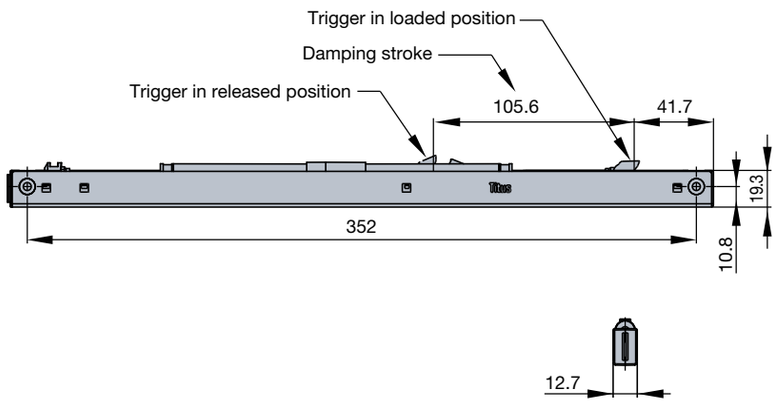
- Movement type: Outside-in
- Stroke length in mm: 100
- Damper type: Hydraulic



Technical details

Door weight (kg)	Spring force (N)	Item number
40	10	975-9436-040
60	13	975-9437-040
80	13	975-9440-040
100	17	975-9442-040
120	17	975-9443-040

Slidix TA



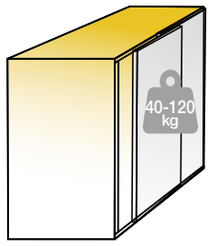
100 Pcs Made of plastic, steel cover

Activators

Slidix activators
see pages 4.21 and 4.22

- Consistent and reliable soft closing of sliding doors with heavier weight
- Reinforced with a metal housing for secure performance on any door material, including glass
- Titus hydraulic dampers ensure smooth and even soft closing action

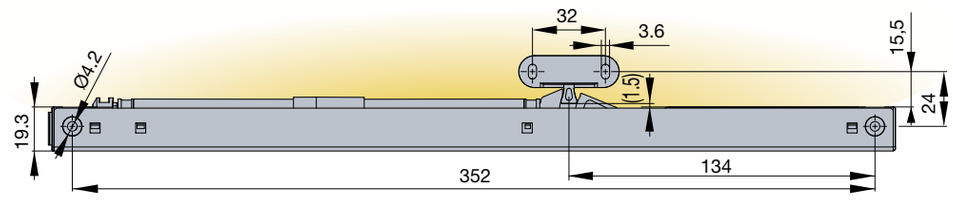
Capacity

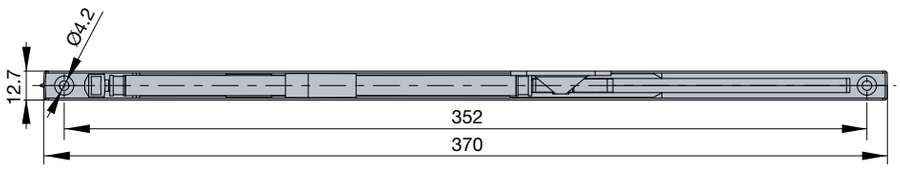


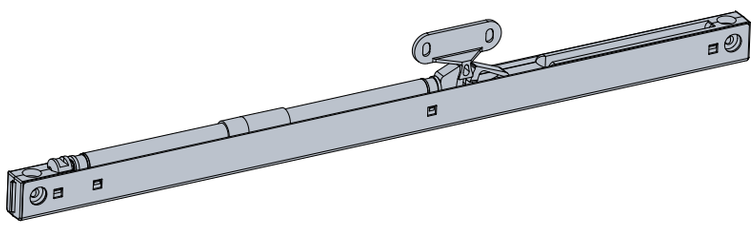
Works in range from 40-120 kg

Application details

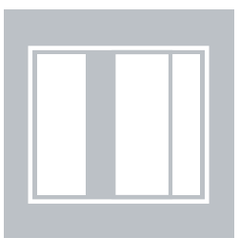
Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.



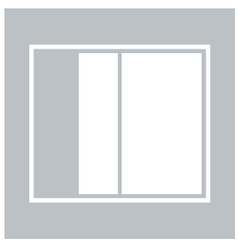




Applications



interior sliding doors

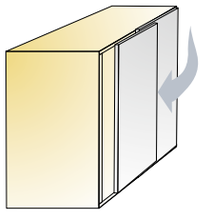


wardrobes

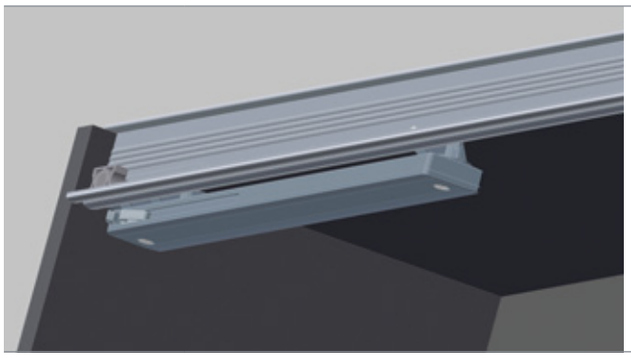
room dividers

Slidix TB

For wardrobes with sliding doors

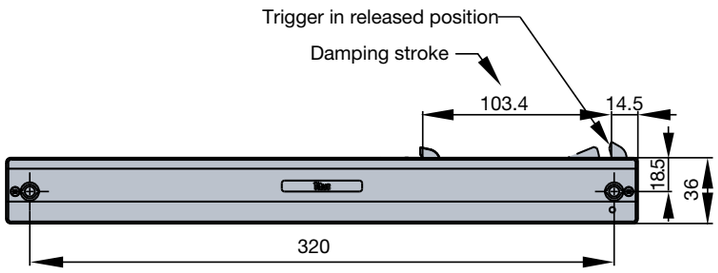


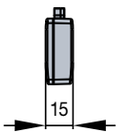
- Movement type: Inside-out
- Stroke length in mm: 100
- Damper type: Hydraulic



Technical details

Slidix TB	Door weight (kg)	Spring force (N)	Item number
	40	15	975-9492-380
	60	15	975-9271-380
	80	15	975-9272-380





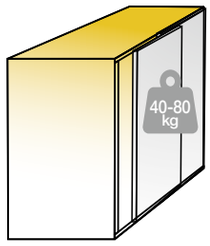
100 Pcs Made of plastic

Activators

Slidix activators
see pages 4.21 and 4.22

- Consistent and reliable damping of heavier doors
- For soft closing of wardrobes with 2 doors, can be added to top running sliding door systems
- Titus hydraulic dampers ensure smooth and even soft closing action

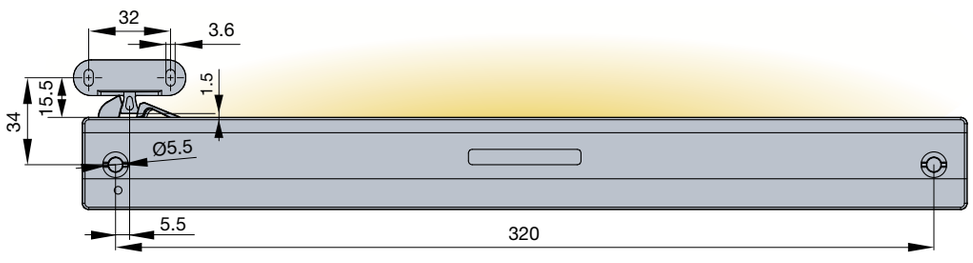
Capacity

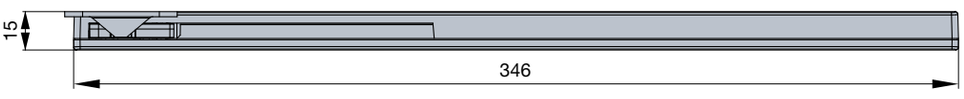


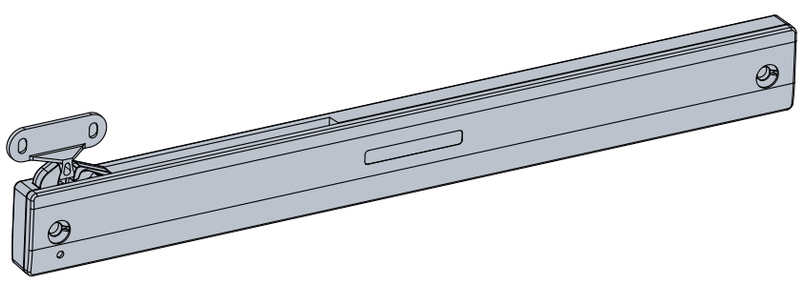
Works in range from 40-80 kg

Application details

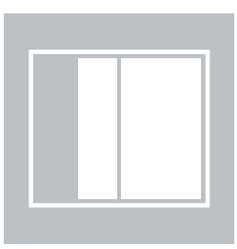
Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.







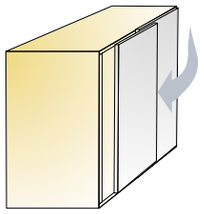
Applications



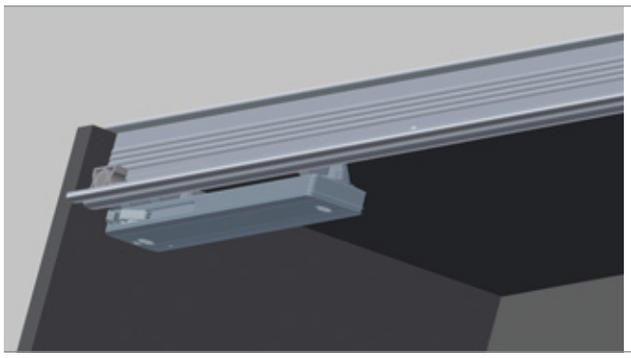
wardrobes

Slidix TC

For wardrobes with sliding doors

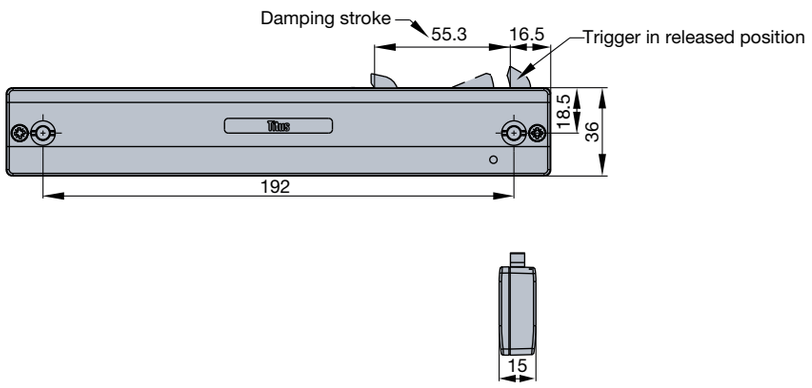


- Movement type: Inside-out
- Stroke length in mm: 50
- Damper type: Hydraulic



Technical details

Slidix TC



Door weight (kg)	Spring force (N)	Item number
15	4.3	975-9333-380
25	7.5	975-9341-380
40	10	975-9342-380
60	13	975-9347-380

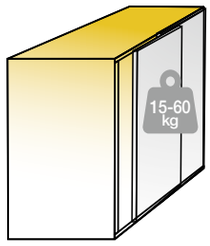
100 Pcs Made of plastic

Activators

Slidix activators
→ *see pages 4.21 and 4.22*

- Consistent and reliable soft closing of sliding doors with lighter weight
- For soft closing of smaller and lower wardrobes with lighter doors, can be added to top running sliding door systems
- Titus hydraulic dampers ensure smooth and even soft closing action

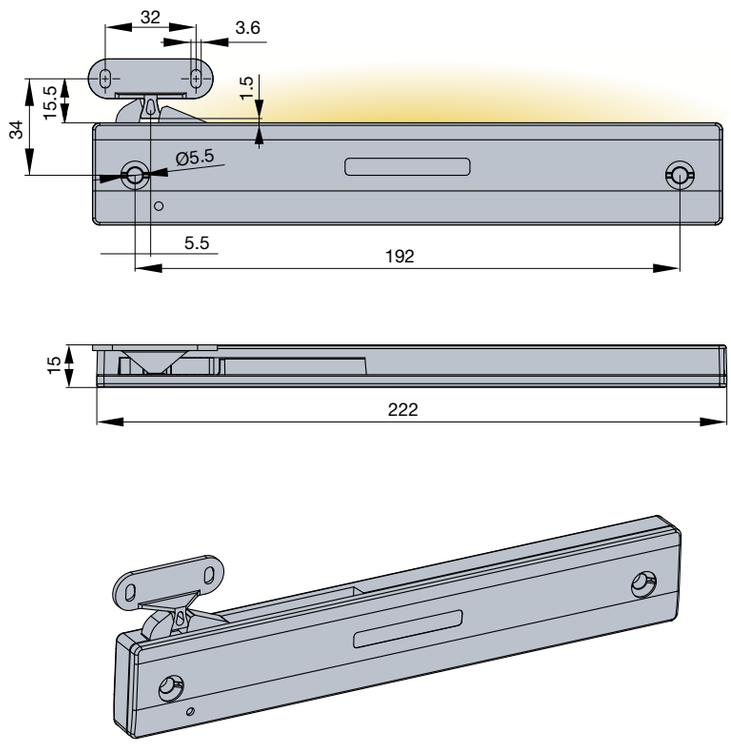
Capacity



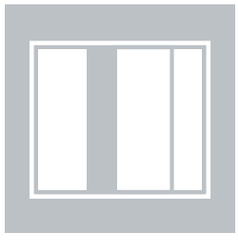
Works in range from 15-60 kg

Application details

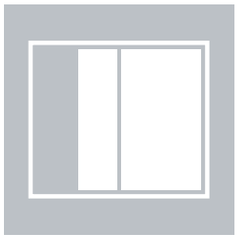
Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.



Applications



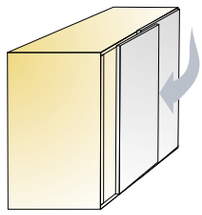
interior sliding doors



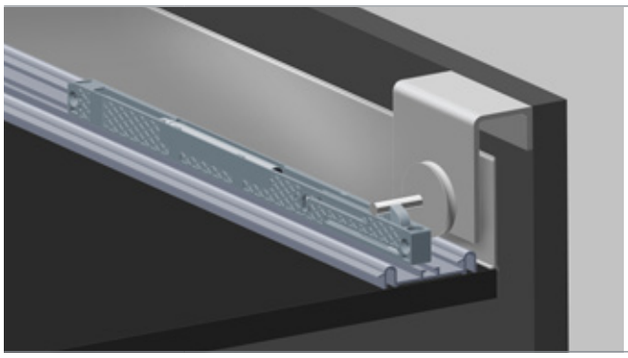
wardrobes

Slidix TE

For sliding and shower doors

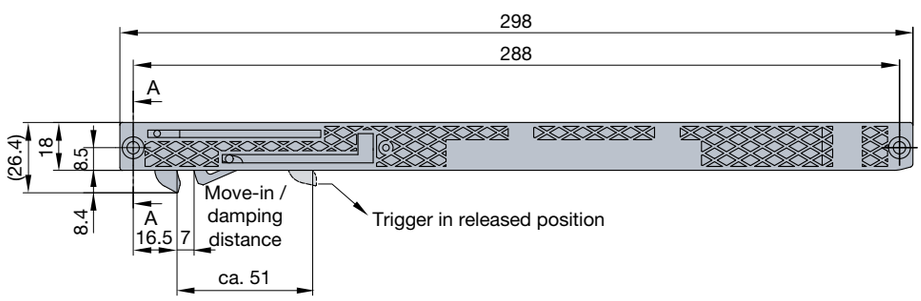


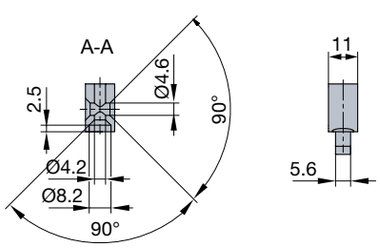
- Movement type: Inside-out
- Stroke length in mm: 50
- Damper type: Hydraulic



Technical details

Slidix TE





Door weight (kg)	Spring force (N)	Item number
15	4.3	975-9315-380
25	7.5	975-9317-380
40	10	975-9321-380
60	13	975-9483-380

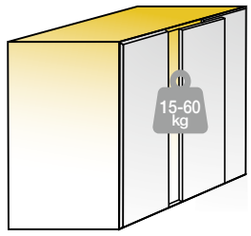
100 Pcs Made of plastic

Activators

Slidix activators
see pages 4.21 and 4.22

- Smooth and reliable soft closing of various sliding doors, including shower cabins and other glass sliding doors
- Titus hydraulic dampers ensure smooth and even soft closing action

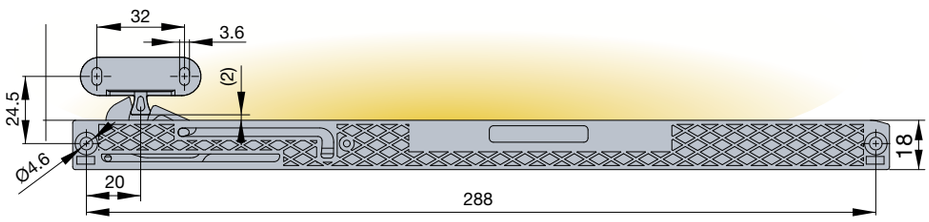
Capacity

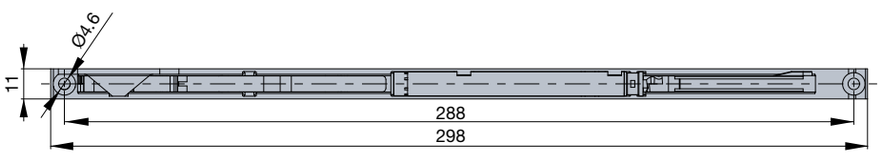


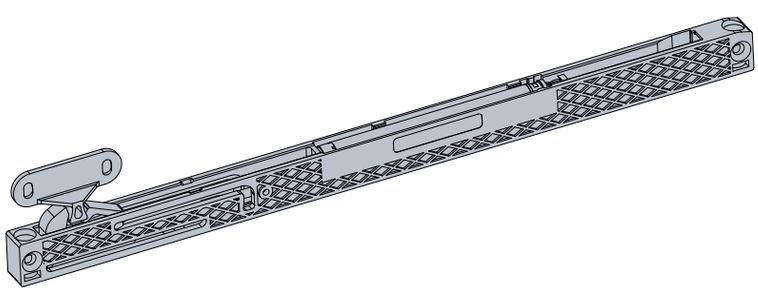
Works in range from 15-60 kg

Application details

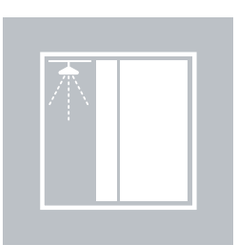
Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.



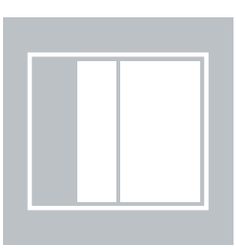




Applications options



shower doors



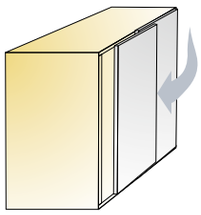
wardrobes
sliding doors

interior sliding doors

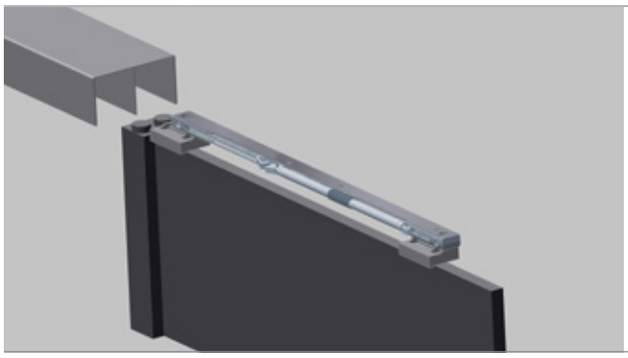
walk-in closets

Slidix TF

For interior sliding door systems



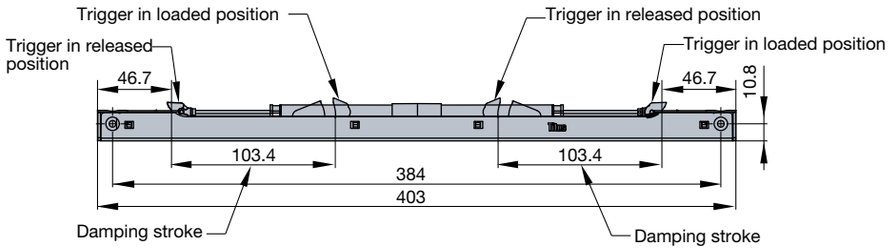
- Movement type: Outside-in
- Stroke length in mm: 100
- Damper type: Hydraulic

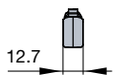


Technical details

Door weight (kg)	Spring force (N)	Item number
40	10	975-9373-040
60	13	975-9374-040
80	13	975-9375-040
100	17	975-9376-380
120	17	975-9377-380

Slidix TF





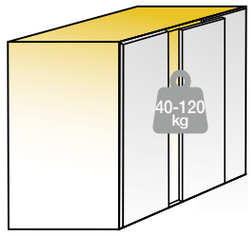
100 Pcs Made of plastic, steel cover

Activators

Slidix activators
⇢ *see pages 4.21 and 4.22*

- Smooth and reliable soft closing of various sliding doors
- Titus hydraulic dampers ensure smooth and even soft closing action

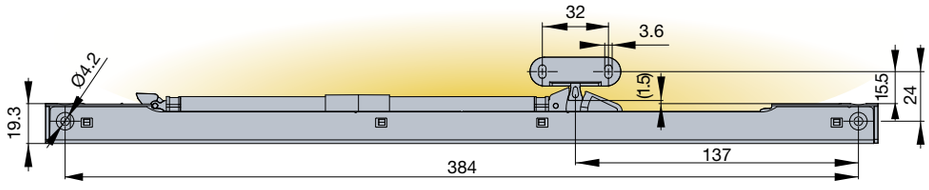
Capacity

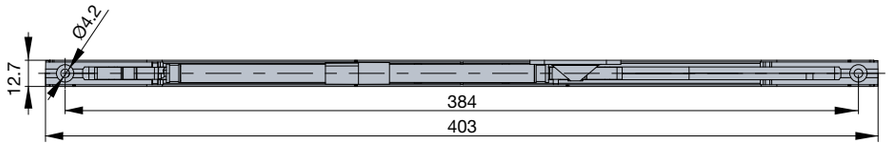


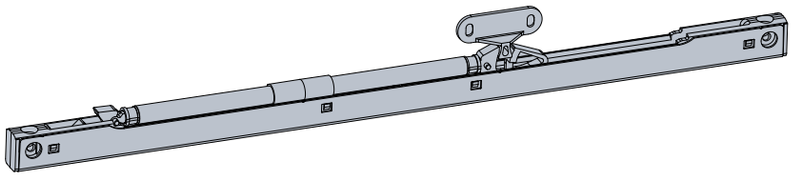
Works in range from 40kg to 120 kg

Application details

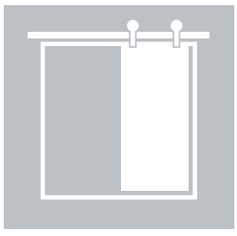
Drawing shows the needed distance in mounting between Slidix mechanism and activator SP14.
Other activators available, trial mounting is recommended.







Applications options



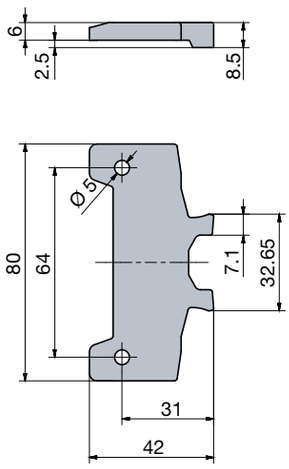
barn doors

room dividers

pocket doors

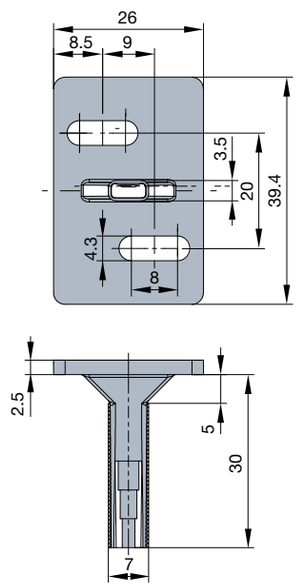
Slidix Activators

	Technical details	Item number	Grey
Activator TSC Plus	For Slidix Centro, II, TA, TB, TC, TE, TF	**974-4752**	380



100 Pcs Made of plastic

Activator TX40	For Slidix II, TA, TB, TC, TE, TF	**974-4757**	380

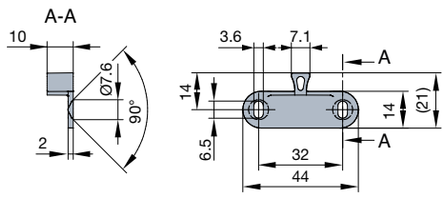


100 Pcs Made of zamak

Slidix Activators

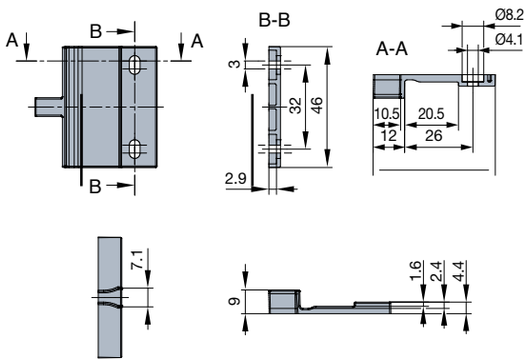
For Slidix mechanisms

	Technical details	Item number	White	Grey	Black
Activator SP14	For Slidix II, TA, TB, TC, TE, TF	**974-4748**		380	390



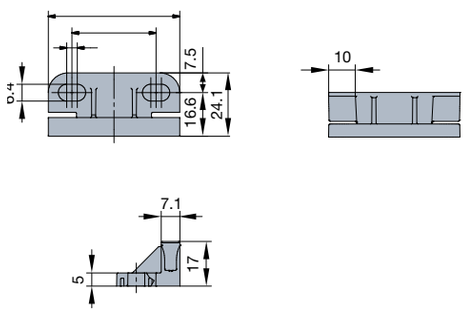
100 Pcs Made of plastic

Activator SMZ	For Slidix II, TA, TB, TC, TE, TF	**974-4747**	350	380	



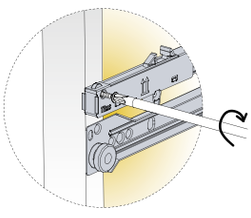
100 Pcs Made of plastic

Activator TS17	For Slidix II, TA, TB, TC, TE, TF	**974-4753**			390



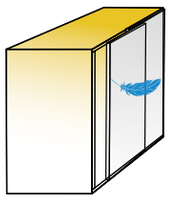
100 Pcs Made of plastic

Titusoft Soft Closing Systems



Simple and intuitive mounting

- No pre-drilling required
- Non-handed
- User friendly

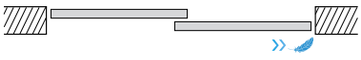


Smooth and reliable

- Silent in use
- Effortless opening with low pull-out force

Titus damper inside

- Effi cient damping on various door sizes and weights
- Confi dentClose assured



Fully controllable damping path

- Smooth and even soft closing on various dimensions and weights
- Reliable damping at any closing speed
- Silent closing without a rebounce

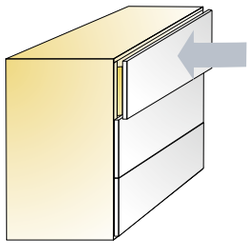
Comfortable door opening

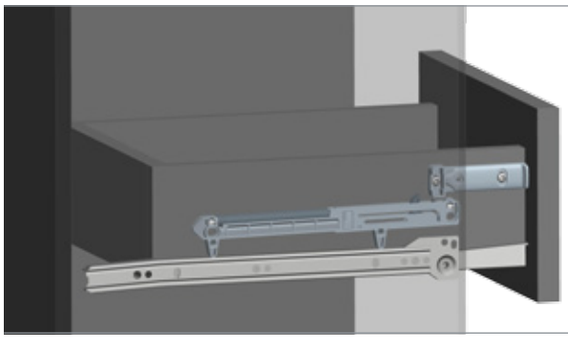
- Low pull-open force
- Effortless opening

Titusoft WD

Soft Closing System for Wooden Drawer

For wooden drawer with roller runners



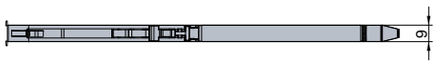


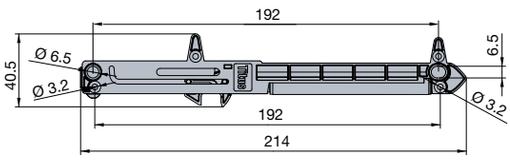
Technical details

Titusoft WD

	Item number	Grey	White	Zinc plated blue
Titusoft mechanism	**973-0X35** →	380		
Activator	**973-4451** →	380	350	

Titusoft mechanism

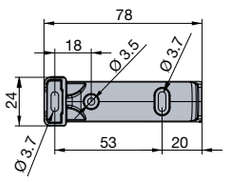




Bag of 1
973-0X35-380-K2 120 Bags
- 1 Titusoft mechanism
- 1 activator
- 2 screws Ø3.5mm x 20mm
- 2 screws Ø3.5mm x 12mm
- 1 mounting instruction sheet

Bag of 2
973-0X35-380-K1 80 Bags
- 2 Titusoft mechanisms
- 2 activators
- 4 screws Ø3.5mm x 20mm
- 4 screws Ø3.5mm x 12mm
- 1 mounting instruction sheet

Activator

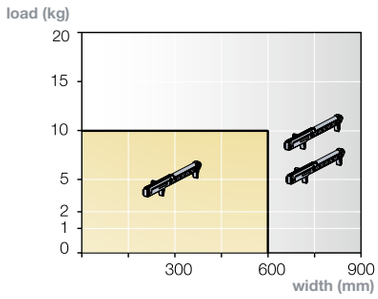


250 Pcs
200 Pcs (973-0X35 + activator)

Made of plastic

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

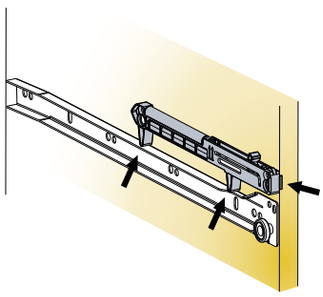
Capacity chart



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

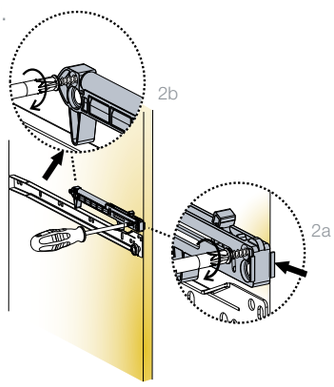
Mounting details

1.



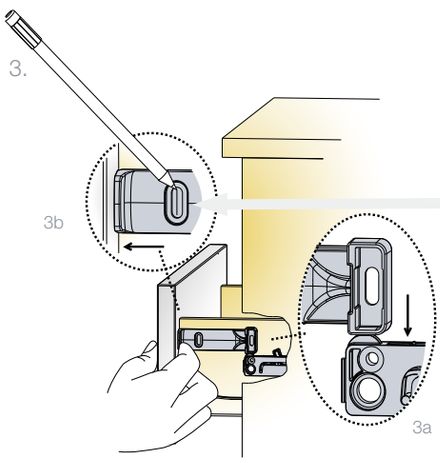
Position the Titusoft mechanism on the top of the drawer slide

2.



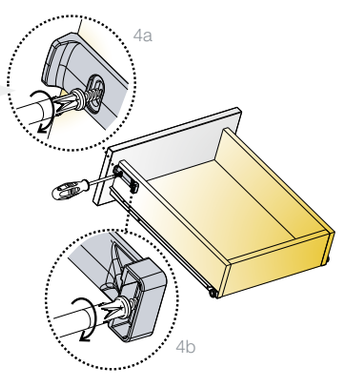
Fix with 2 screws L=20mm

3.



1. Rest the activator against the drawer front
2. Align the vertical position of the activator with the top of the Titusoft mechanism and mark the screw locations

4.

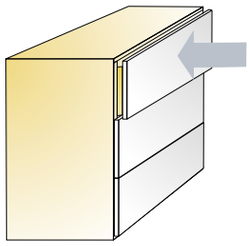


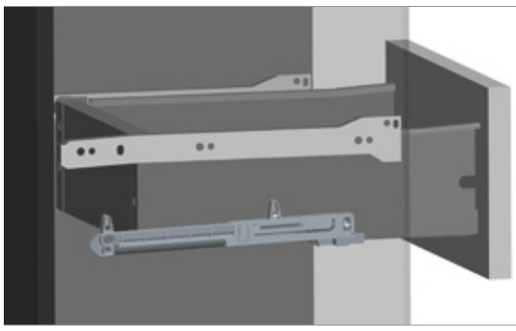
Fix with 2 screws L=12mm

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

Titusoft MD
Soft Closing System for Metal Box

For metal boxes





Item number	Grey	White	Light blue
Titusoft mechanism for factory mounting **973-0X95** →	380		
Titusoft mechanism for retrofit mounting **973-0X39** →	380		309
Activator **973-4125** →		350	
Mounting jig **973-4126** →			

Titusoft MD

Titusoft mechanism

Activator

Mounting jig

Bag of 1
973-0X39-380-K2 90 Bags
- 1 Titusoft mechanism
- 1 activator
- 1 mounting jig
- 4 screws
- 1 mounting instruction sheet

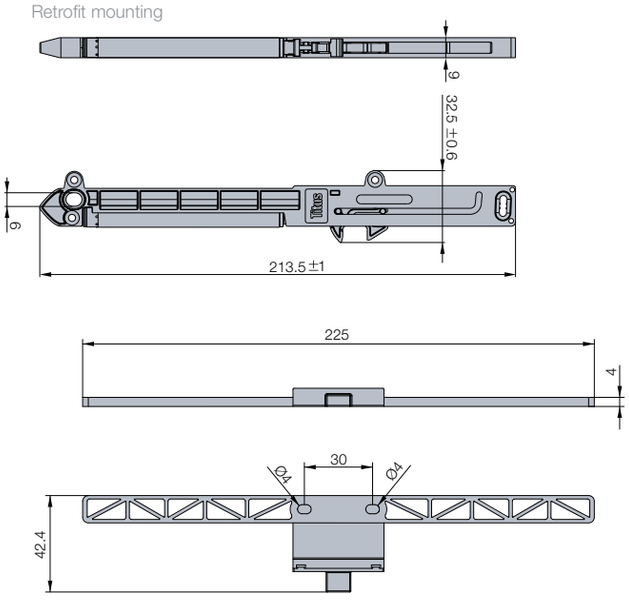
Bag of 2
973-0X39-380-K1 60 Bags
- 2 Titusoft mechanisms
- 2 activators
- 1 mounting jig
- 8 screws
- 1 mounting instruction sheet

250 Pcs
150 Pcs (973-0X39 + activator)

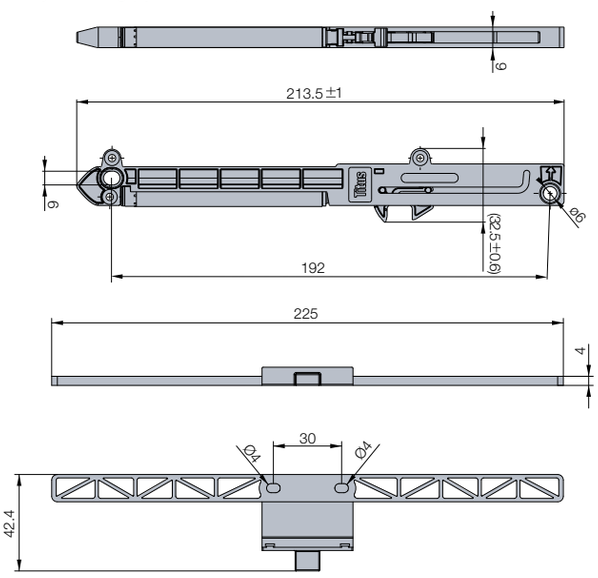
Made of plastic

Technical details

Retrofit mounting

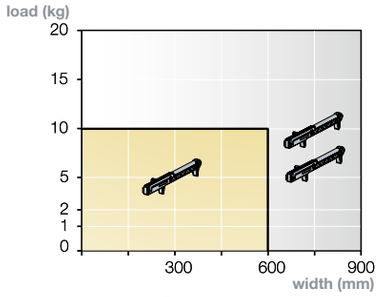


Factory mounting (system holes)



- One-for-all soft closing for single skin metal boxes
- Allows for easy factory mounting or retrofit application
- Intuitive positioning
- Preserve the life-time of the drawer

Capacity chart

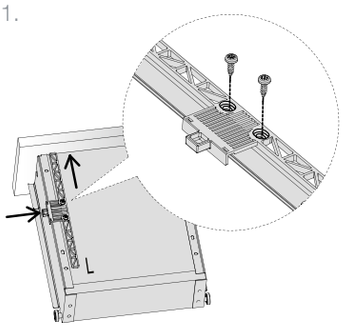


Mount 1 or 2 Titusoft mechanisms depending on drawer weight and width

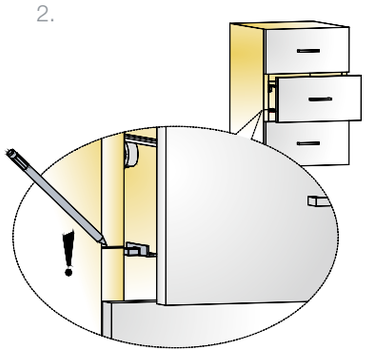
Mounting details

Retrofit mounting

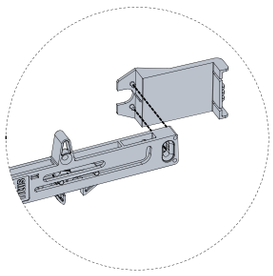
1.



2.



3.



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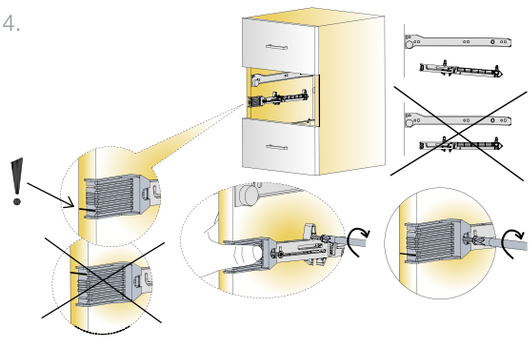
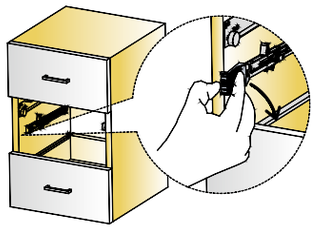
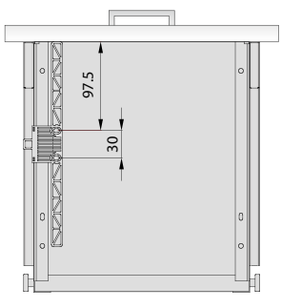
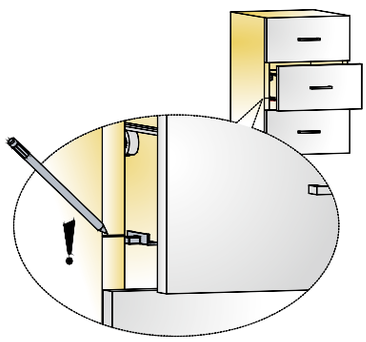


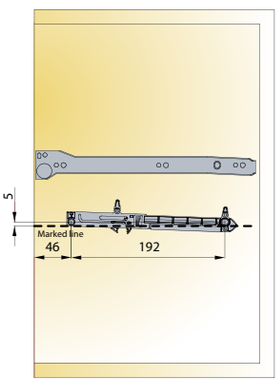
5.

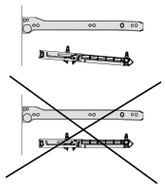


Factory mounting







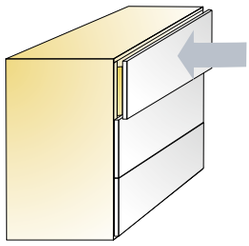


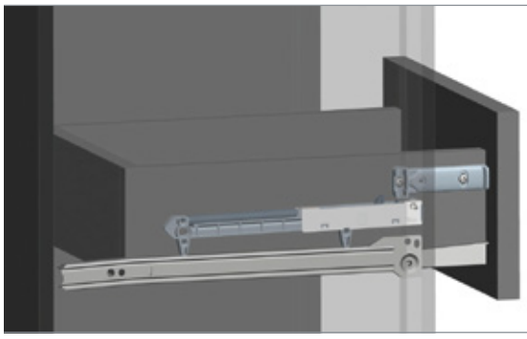
A trial mounting is always recommended. Please contact Titus Group or your local distributor for further technical assistance.

Titusoft FF

Soft Closing System for Face Frame Cabinets with Wooden Drawer

For wooden drawer with roller runners



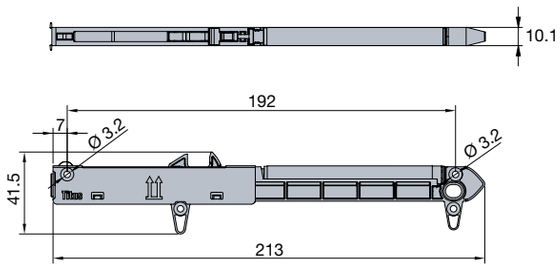


Titusoft FF

Technical details

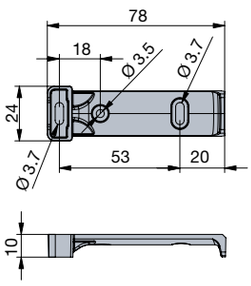
	Item number	Grey	White
Titusoft mechanism	**973-0M99** →	380	
Activator	**973-4451** →	380	350

Titusoft mechanism



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

Activator

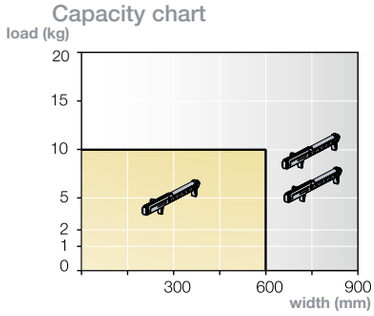


250 Pcs

Made of plastic

- Easy, intuitive mounting
- Universal application will fit most standard drawers
- Smooth, soft closing action independent of drawer hardware
- Non-handed design

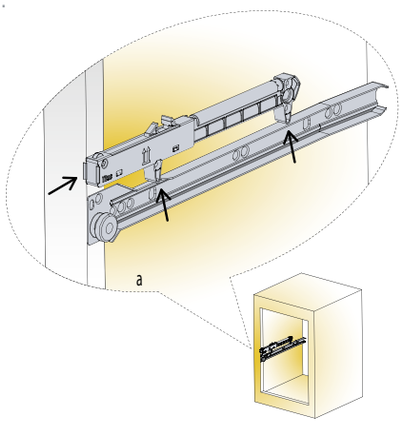
Capacity chart



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

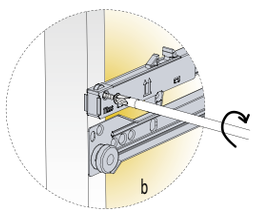
Mounting details

1.



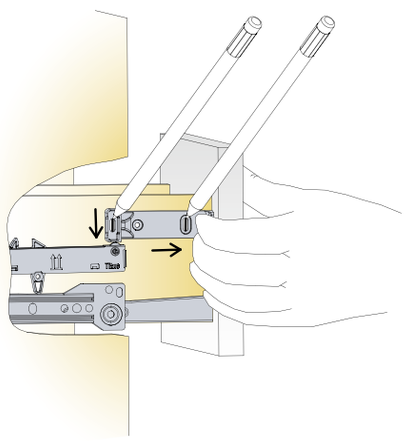
Position the Titusoft on the top of a drawer slide

2.



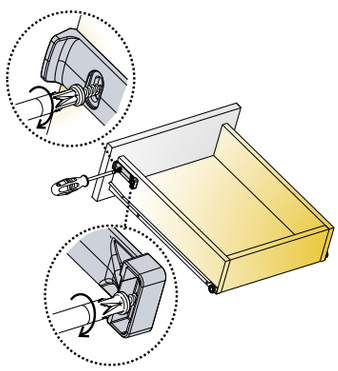
Screw the Titusoft mechanism to the face frame

3.



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

4.

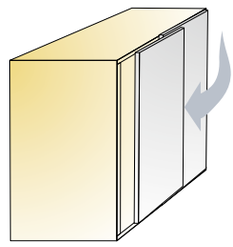


Fix with 2 (3) screws L=12mm

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

Titusoft SD100s
Add-on Damper for Set 200

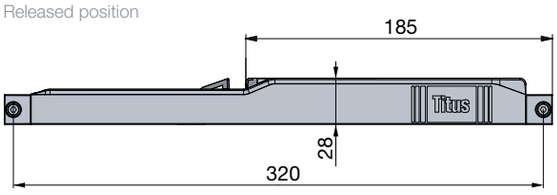
For bottom running sliding door systems

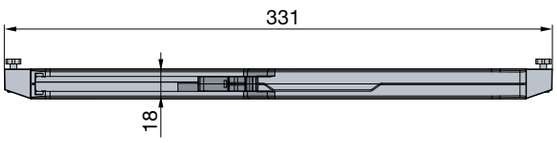


	Item number	Grey
Titusoft SD100s	973-9060 ⇢	380

Technical details

Released position





Drawings show example with components presented above

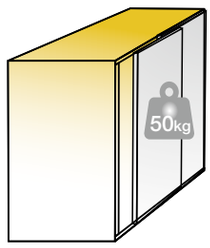
The system consists of the folowing components		Quantity for 2-door cabinet
Standard component		
Titusoft SD100s mechanism		2 pcs
Customized components to suit the customer's sliding door system		
Attachment base		4 pcs
Nut		4 pcs
Screw M4 x 16		4 pcs

Activator and attachments on this page suit Set200.
We offer a customer dedicated design as per its requirements
⇢ *contact Titus Group representative for more information*

25 sets

- Non-handed design
- Effortless door opening with low pull-out force
- Efficient damping on different door sizes
- Slim design for concealed application

Titusoft SD100s capacity

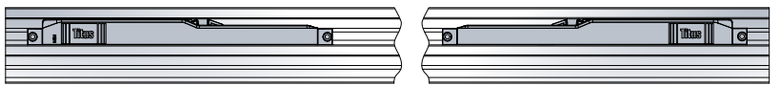


Up to 50kg per door

Set 200
→ *see page 4.37*

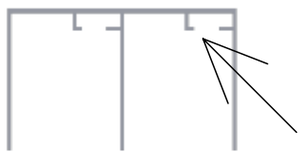
Mounting details

Non-handed design

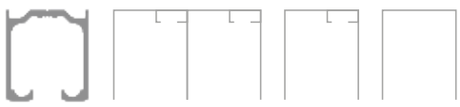


Mount Titusoft SD100s on top rail on both sides of the cabinet.
(1 pc Titusoft SD100s per 1 door)

Mounting position



Titusoft SD100s is mounted into
the top profile



Fit variuos U and double U shaped profiles

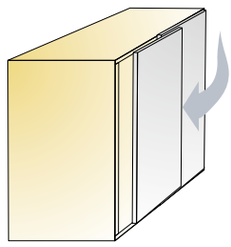
Space requirements

Slim design with 30mm height allows for concealed application

For further information please contact your
Titus Group representative.

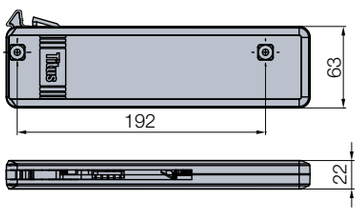
Titusoft SD100
Add-on Damper for Sliding Door

For top running sliding door systems

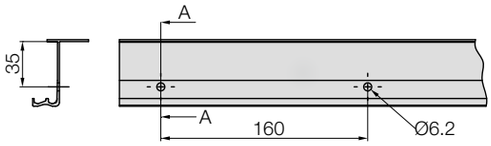


	Item number	Grey
Titusoft SD100	973-9018 →	380

Technical details



Drilling details

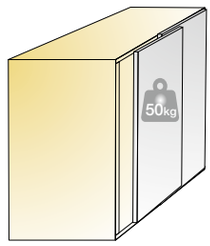


32 Sets

The system consists of the following components	Quantity for 2 door cabinet
Standard component	
Titusoft SD100 mechanism	2 pcs
Customized components to suit the customer's sliding door system	
Base	4 pcs
Stopper	2 pcs
Activator for internal door	1 pc
Activator for external door	1 pc
Accessories	
Screws	
Countersunk screw D4x40mm	4 pcs
Countersunk screw D4x25mm	4 pcs
Chipboard screw Ø4x16mm	3 pcs
Euroscrew Ø6.3x15mm	2 pcs
Mounting instructions	1 pc

- ConfidentClose
- Intuitive mounting
- Non-handed design
- Efficient damping on different door sizes
- Smooth and controlled closing motion

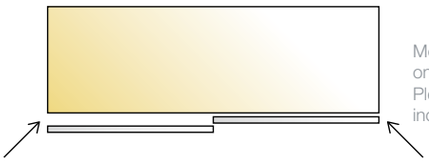
Titusoft SD100 capacity



Up to 50kg per door

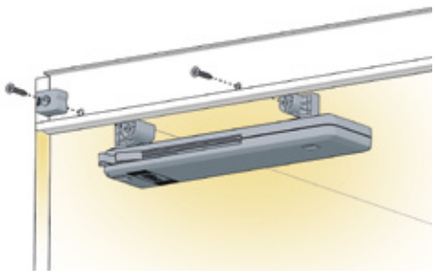
Mounting details

Non-handed design

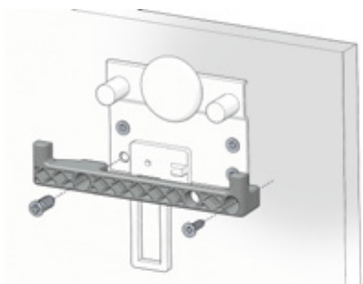


Mount Titusoft SD100 on top rail
on both sides of the cabinet.
Please follow mounting instructions
included in a set.

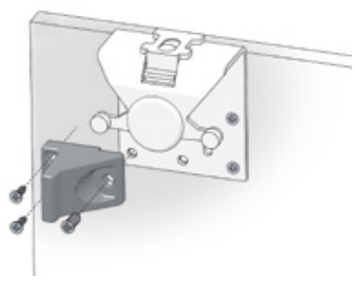
Mounting positions



Titusoft SD100 mechanism position



* Activator for internal door position



* Activator for external door position

Click to engage

distrib

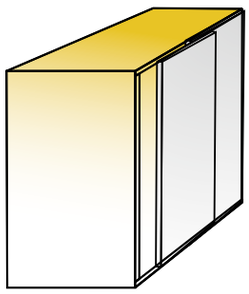
For further information please contact
your Titus Group representative.

Sliding Door Solutions for Bottom Running Door
Information

Introduction

Application

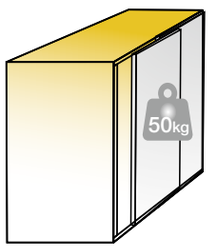
For built-in cabinets
Walk-in closets
Room-dividers
Wardrobes



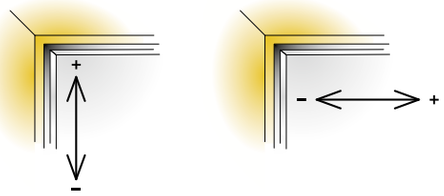
For 2 and 3 door applications

Load capacity

Maximum door weight is 50 kg



Door adjustment



Height adjustment

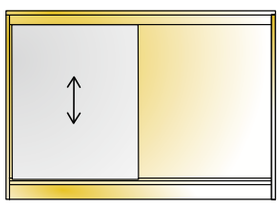
Side adjustment

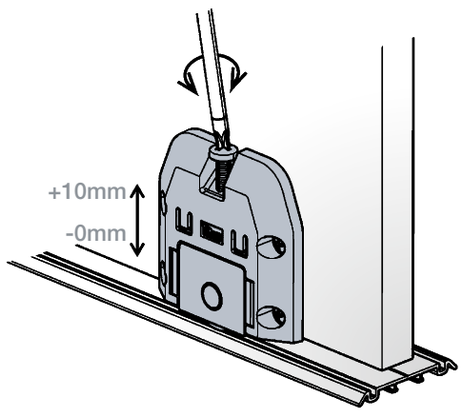
Adjustments

Height adjustment

Height adjustment is done through the adjustment screw on the bottom carriage

Adjustment range depends on the preset position.
Carriage is factory preset to the lowest value.

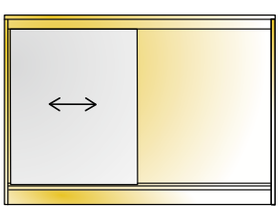


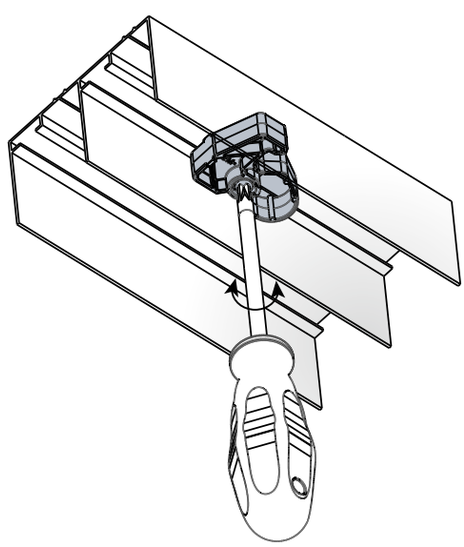


Side adjustment

Side adjustment is done through stopper position.

The adjustment defines the gap between doors and cabinet side/wall

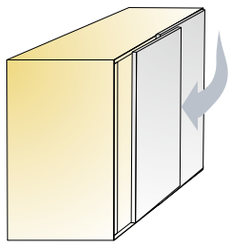


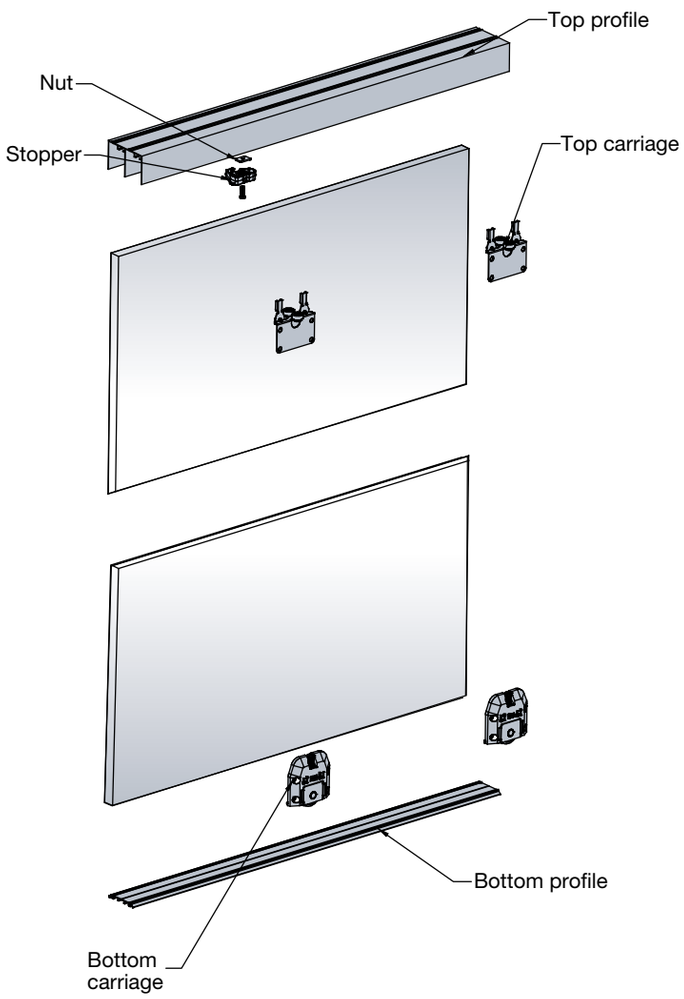


Stopper limits and stops the motion of the cabinet door

Set 200
Sliding Door Mechanism

For bottom running sliding door systems





20 sets

Item number for set	Set for 2-doors	Set for 3-doors
610-9691-380 ⇢	K1	K2
Set consists of the following components		
Bottom carriages	4 pcs	6 pcs
Top carriages	4 pcs	6 pcs
Pan head screws	32 pcs	48 pcs
Stopper	4 pcs	6 pcs
Nut for stopper	4 pcs	6 pcs
Screw M4 x 16 for stopper	4 pcs	6 pcs
Self adhesive tape	5 pcs	5 pcs
Mounting instructions	1 pc	1 pc

Rails and accessories are not included in the set and can be ordered separately

Rails

Top rail
⇢ *see page 4.39*

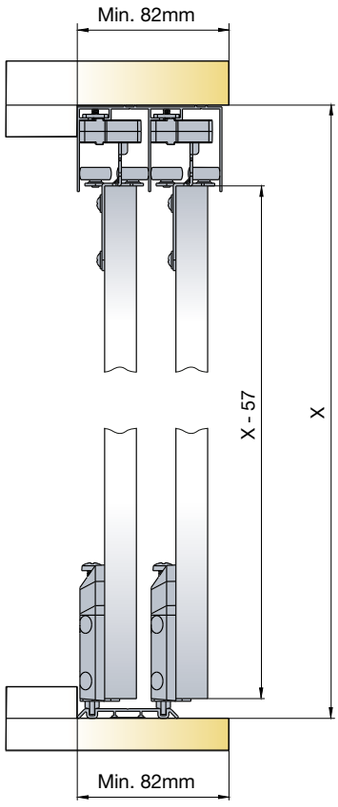
Bottom rail
⇢ *see page 4.39*

Accessories

Titusoft SD100s
⇢ *see page 4.31*

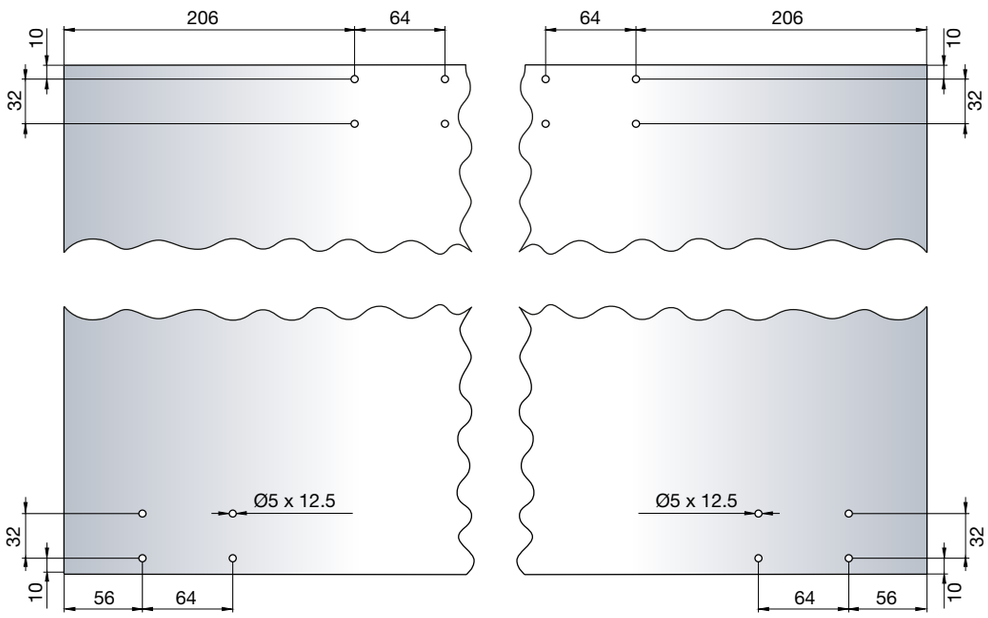
- Door weight max. 50kg
- Door thickness 18-22mm
- Door material wood (chipboard, MDF, solid wood)

Mounting details



X = space available between top and bottom panel
X - 57 = door height

Door drilling pattern



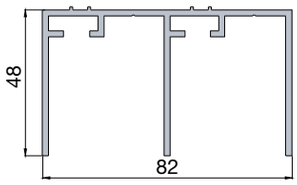
Top and bottom carriage drilling positions

Rails
For Set 200

Screws for top rail are not supplied and depend on the application (cabinet, built-in cabinet). Bottom rail is fixed with self-adhesive tape. Rail is pre-drilled and ready to install.

Technical details

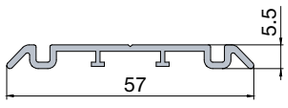
Top rail



Rail lenght	Item number
2000	610-9692-070-K1
2400	610-9693-070-K1
3000	610-9694-070-K1

*other lenghts upon special request

Bottom rail



Set consists of:

Top rail — 1 pc

Bottom rail — 1 pc

5 sets

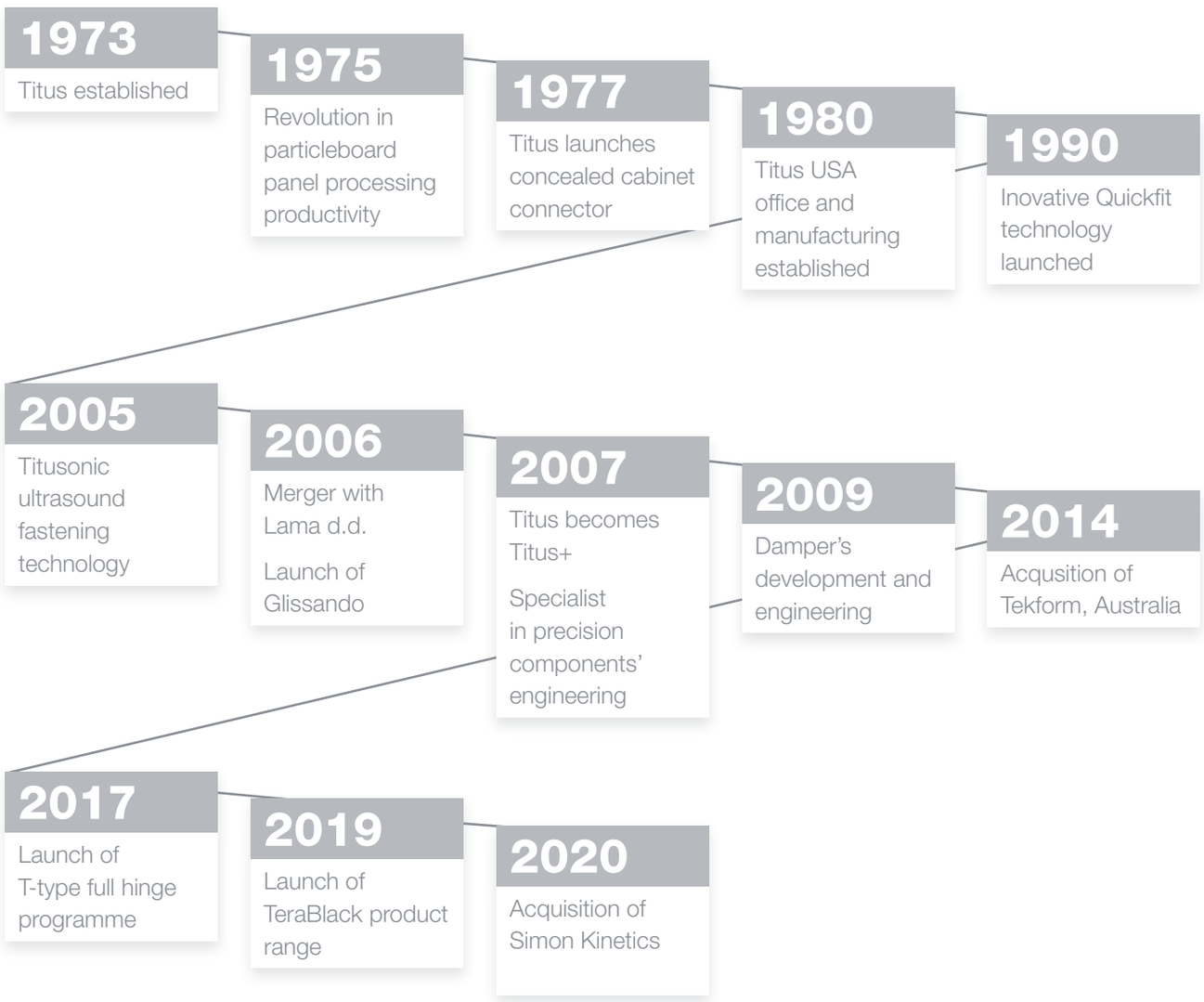
The Titus Group Profile

Titus Group

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

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

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



Vision

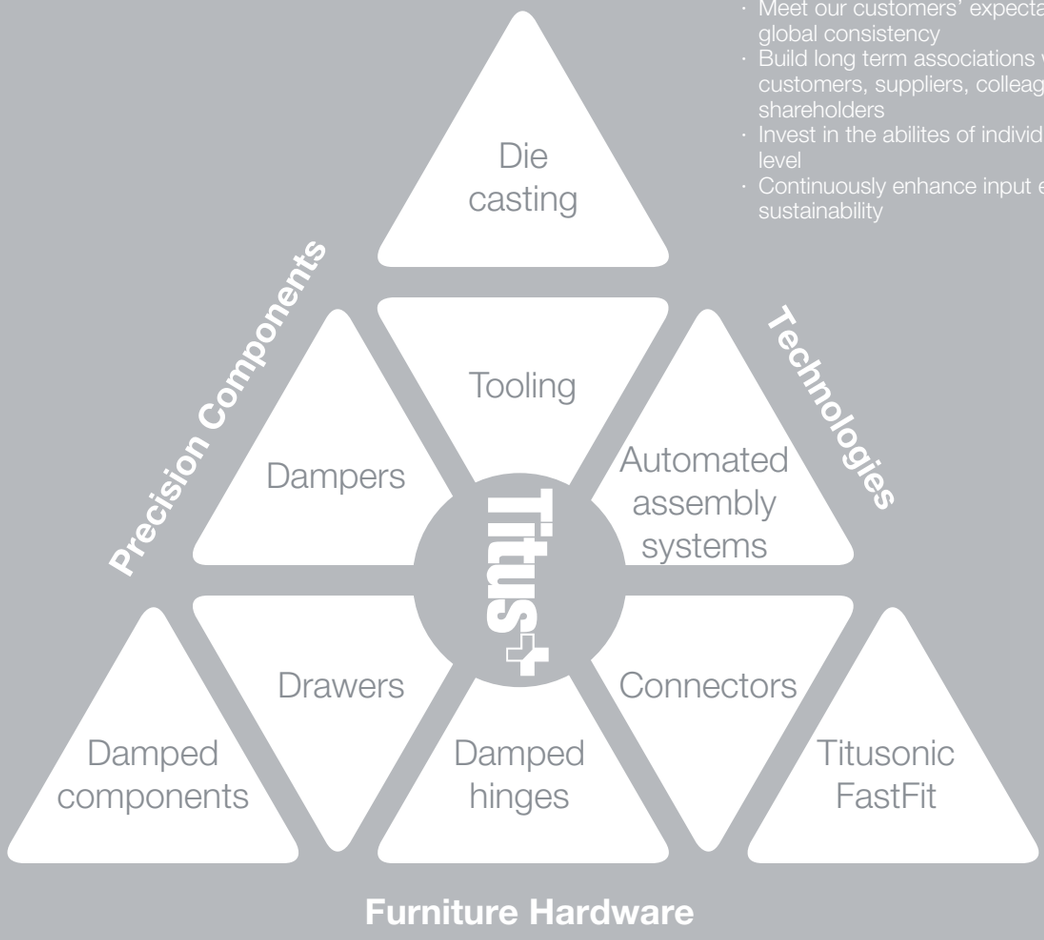
The world's best engineering for precision components

Mission

To provide manufacturers with components' solutions that improve competitiveness

Titus Business Philosophies and Principles

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



Furniture Hardware

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

Components

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

Technologies

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

‘Totally Integrated Engineering’

Product Design

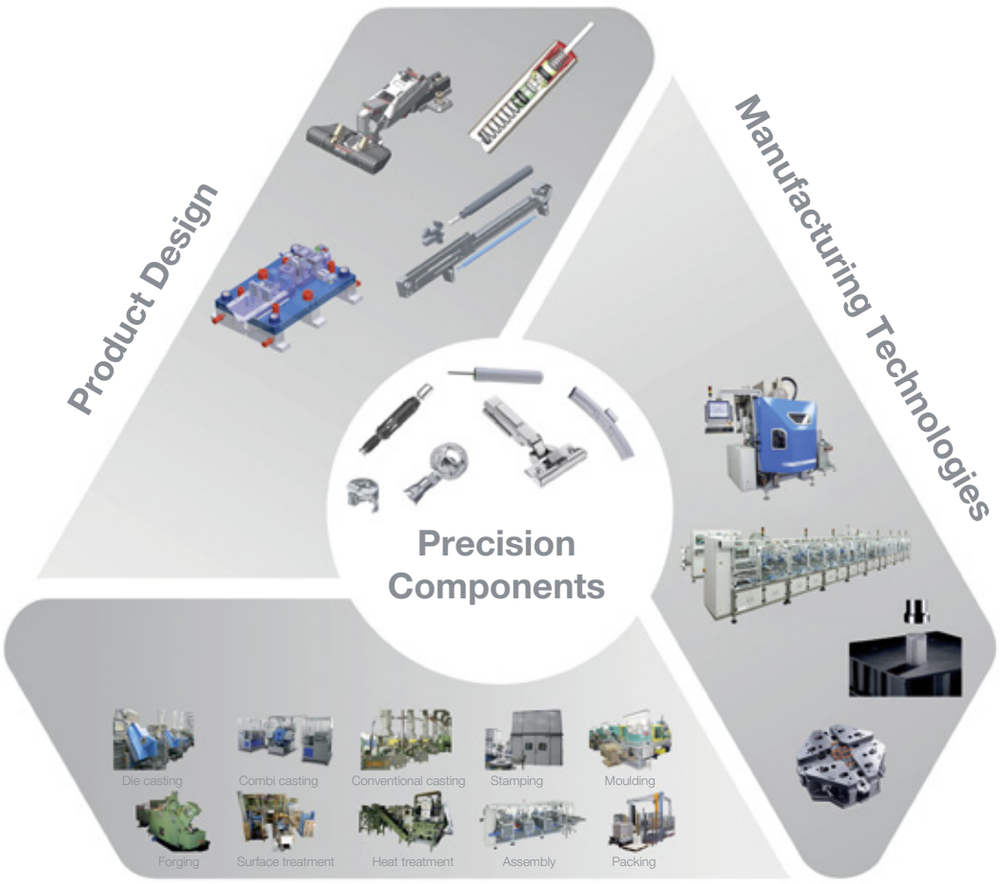
Design and engineering of unique components
Consistent and repeatable product quality

Manufacturing Technologies

To improve productivity and product quality

Manufacturing Operations

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



Manufacturing Operations

Fittings for purpose

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

Innovations that improve

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

Fast time-to-market

Quality

Continuous Improvement

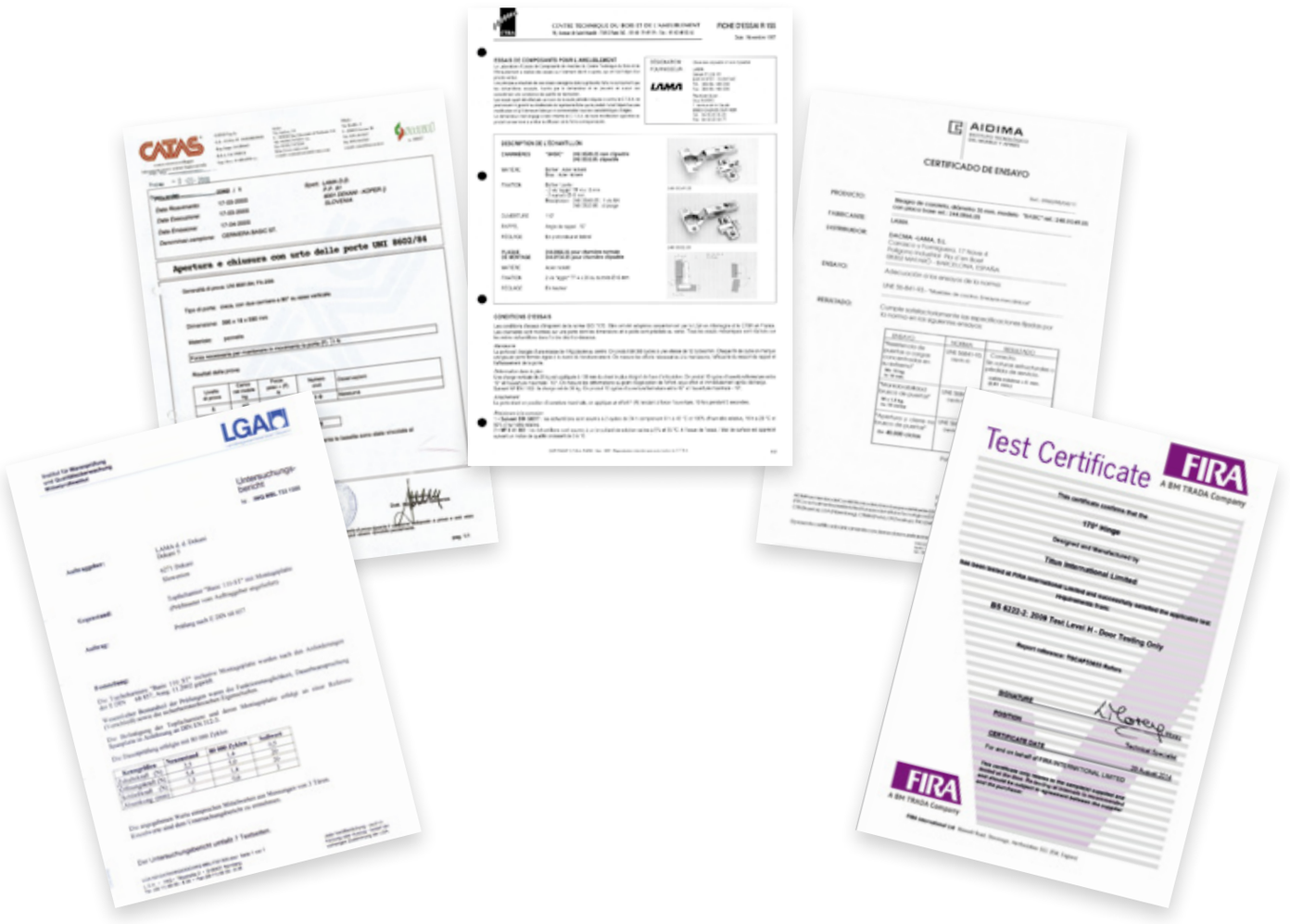
The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

Quality

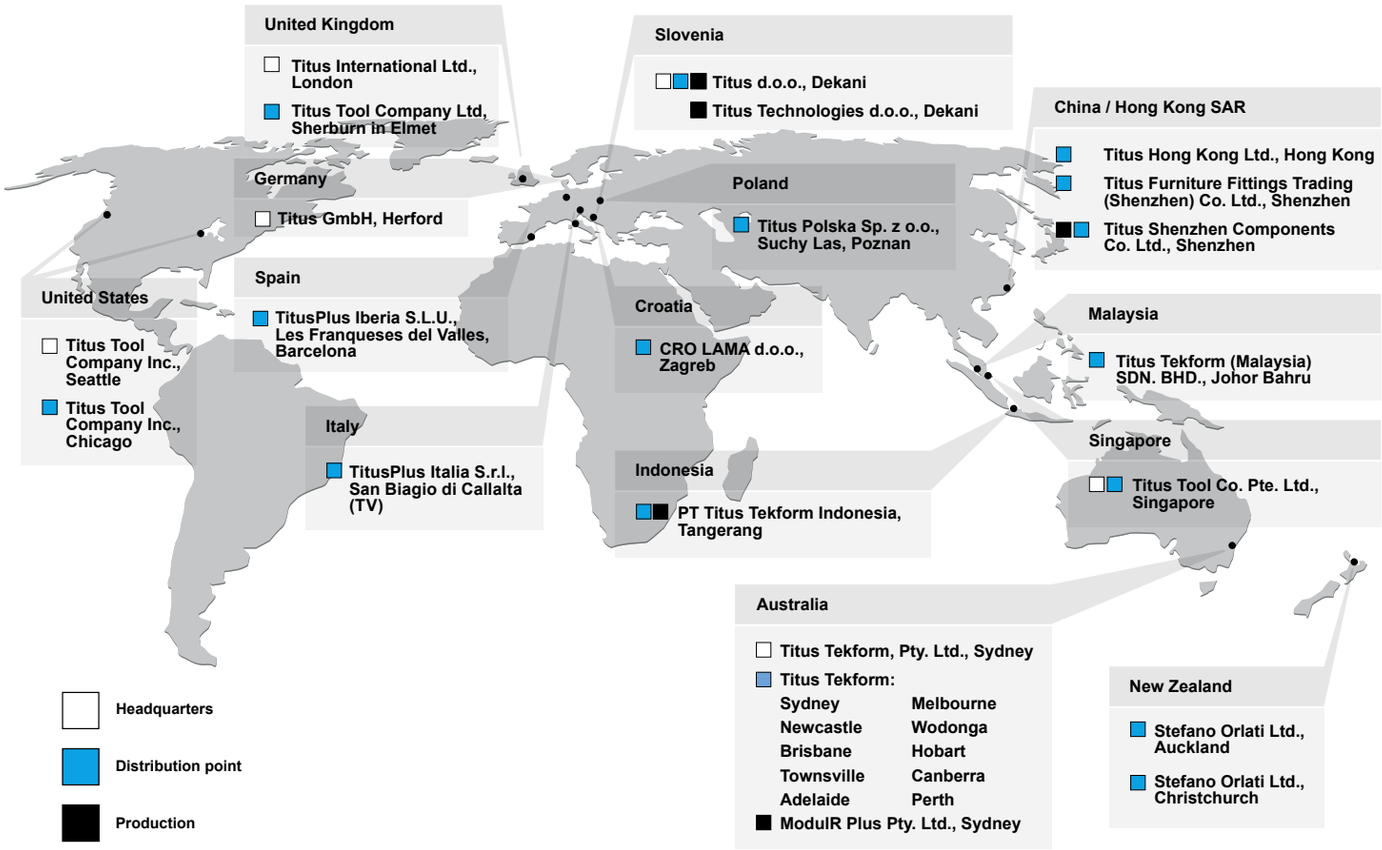
We believe that the Titus Mission is achieved most effectively through the management of our design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes,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

Products

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



Worldwide Design, Manufacturing and Distribution Capabilities



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Index

Item number	Page
0435	1.57
0436	1.57
00021	1.19
00022	1.19
00033	1.73
00180	1.10
01029	1.43
01373	1.72
01709	1.12
01732	1.12
01822	1.63
01823	1.63
01825	1.63
01828	1.63
01829	1.63
01837	1.63
01838	1.63
01843	1.63
01852	1.63
01910	1.65
01911	1.65
01912	1.64
01916	1.65
02075	1.13
02077	1.13
02107	1.20
02110	1.68
02111	1.68
02120	1.20
02130	1.20
02133	1.68
02139	1.20
02141	1.20
02144	1.20
02154	1.67
02161	1.19
02190	1.19
02193	1.19
02523	1.72
02549	1.71
02558	1.69
02559	1.69
02560	1.69
02569	1.71
02570	1.71
02571	1.71
02574	1.71
02575	1.70
02578	1.72
02579	1.70
02582	1.70
02630	1.69
02634	1.72

Item number	Page
02642	1.70
02648	1.71
02653	1.71
02663	1.70
02666	1.71
02669	1.70
02671	1.70
02672	1.70
02699	1.71
02706	1.71
02710	1.72
02985	1.12
03090	1.16
03118	1.16
03121	1.16
03150	1.16
03168	1.16
03180	1.16
03181	1.16
05050	1.34
05052	1.34
05147	1.34
05270	1.34
05282	1.39
05314	1.33
05366	1.33
05380	1.38
05388	1.33
05409	1.57
05410	1.57
05414	1.35
05453	1.33
05474	1.33
05503	1.33
05552	1.34
05554	1.34
05556	1.34
05563	1.34
05592	1.38
05608	1.40
05609	1.40
05610	1.40
05611	1.40
05753	1.38
05751	1.38
05752	1.38
05757	1.38
05772	1.38
05774	1.38
05775	1.38
05778	1.38
05857	1.38
05858	1.38

Item number	Page
05859	1.38
05860	1.39
05917	1.58
05929	1.38
05960	1.58
05971	1.58
06073	1.13
06308	1.73
06309	1.73
06310	1.73
06343	1.55
06348	1.55
06381	1.54
06383	1.54
06385	1.54
06387	1.54
06395	1.52
06397	1.52
06401	1.48
06402	1.48
06403	1.48
06405	1.48
06406	1.48
06408	1.47
06410	1.47
06411	1.50
06412	1.50
06413	1.49
06414	1.49
06415	1.50
06416	1.49
06431	1.51
06433	1.51
06435	1.51
06437	1.51
06439	1.52
06441	1.52
06443	1.52
06445	1.52
06447	1.51
06449	1.51
06451	1.51
06453	1.51
06455	1.52
06457	1.52
06459	1.52
06461	1.52
06464	1.53
06465	1.53
06470	1.53
06471	1.53
06472	1.53
06473	1.53

Item number	Page
06479	1.47
06495	1.48
06802	1.18
06803	1.18
06806	1.18
06839	1.18
09406	1.42
09423	1.36
09424	1.36
09430	1.37
09435	1.36
09443	1.36
09456	1.36
09491	1.42
09583	1.36
09588	1.36
09592	1.36
09594	1.36
09597	1.37
09631	1.42
09651	1.32
09652	1.32
09690	1.41
09692	1.41
09695	1.41
09699	1.41
974-4757	1.21
275-4035	1.59
275-4058	1.59
277-4225	1.43
277-4355	1.43
279-9187	1.21
241-0043-650	2.171
241-0050-650	2.171
248-0V62-050	2.89
242-0824-650	2.95
242-0885-650	2.93
242-0886-650	2.93
242-0924-650	2.137
242-0967-054	2.135
242-0968-054	2.135
242-0970-054	2.87
242-0971-054	2.87
242-0973-054	2.135
242-0974-054	2.135
242-0976-054	2.87
242-0977-054	2.87
242-0979-054	2.135
242-0980-054	2.135
242-0997-054	2.87
242-0998-054	2.87
242-0C27-650	2.139
242-0D14-650	2.139

Index

Item number	Page
242-0H17-650	2.97
242-0H34-650	2.137
242-0H48-650	2.141
242-0H49-650	2.141
242-0P81-650	2.95
242-0W48-650	2.91
242-0W71-650	2.89
242-0W72-650	2.89
242-0G76-650	2.97
242-0Y45-650	2.99
242-0Y46-650	2.99
242-0Y48-650	2.143
242-0Y49-650	2.143
244-0036-650	2.170
244-0062-650	2.168
244-0063-650	2.168
244-0067-650	2.168
244-0068-650	2.168
244-0085-650	2.130
244-0095-650	2.130
244-0118-050	2.130
244-0119-050	2.130
244-0120-050	2.130
244-0134-050	2.130
244-0135-050	2.130
244-0136-050	2.130
244-0137-050	2.130
244-0166-050	2.130
244-0167-050	2.130
244-0175-650	2.168
244-0232-650	2.168
244-0258-050	2.128
244-0259-050	2.128
244-0260-050	2.128
244-0261-050	2.128
244-0262-050	2.128
244-0263-050	2.128
244-0264-050	2.128
244-0265-050	2.128
244-0266-050	2.128
244-0270-050	2.128
244-0271-050	2.128
244-0272-050	2.128
244-0342-050	2.128
244-0343-050	2.128
244-0344-050	2.128
244-0561-050	2.130
244-0562-050	2.130
244-0565-050	2.130
244-0566-050	2.130
244-0567-050	2.130
244-0568-050	2.130
244-0655-050	2.173

Item number	Page
244-0810-650	2.143, 2.153
244-0813-650	2.153
244-0846-050	2.173
244-0848-650	2.171
244-0907-650	2.171
244-0B12-650	2.168
244-0C32-650	2.143, 2.153
244-0D46-650	2.171
244-0D47-650	2.171
244-0D99-650	2.171
244-0E02-650	2.171
244-0G19-050	2.168
244-0H64-050	2.168
244-0H65-050	2.168
244-0K95-050	2.168
244-0K96-050	2.168
244-0K97-650	2.168
244-0K98-650	2.168
244-0L26-050	2.168
244-0L29-050	2.168
244-0L37-650	2.168
244-0L38-650	2.168
244-0L39-050	2.168
244-0L40-050	2.168
244-0L50-050	2.168
244-0L98-050	2.168
244-0M28-650	2.168
244-0M29-650	2.168
244-0M33-650	2.130
244-0P24-050	2.168
244-0P25-050	2.168
244-0P26-050	2.130
244-0P27-050	2.130
244-0P28-650	2.143, 1.153
244-0P29-650	2.130
244-0P41-650	2.168
244-0S65-050	2.168
244-0S66-050	2.168
244-0S67-050	2.168
244-0S68-050	2.168
244-0T14-650	2.168
244-0T28-050	2.168
244-0T40-050	2.168
244-0V19-050	2.130
244-0V50-050	2.170
244-0V64-050	2.168
244-0Z26-050	2.130
244-0Z51-050	2.130
244-0Z63-050	2.130
244-0866-050	2.168
244-0867-050	2.168
244-0914-650	2.168
244-0929-050	2.168

Item number	Page
244-0930-050	2.168
244-0965-050	2.168
244-1228-050	2.130
244-1229-050	2.130
244-1233-050	2.130
244-1234-050	2.130
244-1136-050	2.130
244-1137-050	2.130
244-1138-050	2.130
244-1139-050	2.130
244-1645-050	2.130
244-3016-650	2.130
244-3600-650	2.132
244-3603-650	2.132
244-3651-650	2.130
244-3653-650	2.132
244-3654-650	2.132
244-3655-650	2.132
248-0080-050	2.105
248-0160-050	2.161
248-0161-050	2.161
248-0162-050	2.123
248-0163-050	2.123
248-0171-050	2.101
248-0172-050	2.101
248-0186-050	2.101
248-0188-050	2.101
248-0255-050	2.153
248-0279-050	2.101
248-0280-050	2.101
248-0283-050	2.113
248-0285-050	2.113
248-0327-050	2.101
248-0328-050	2.101
248-0431-050	2.111
248-0433-050	2.111
248-0482-050	2.101
248-0487-050	2.101
248-0532-050	2.101
248-0533-050	2.101
248-0534-050	2.101
248-0535-050	2.101
248-0536-050	2.101
248-0537-050	2.101
248-0545-050	2.101
248-0547-050	2.101
248-0665-050	2.109
248-0675-050	2.109
248-0742-050	2.115
248-0745-050	2.115
248-0G49-050	2.145
248-0G50-050	2.145
248-0G51-050	2.145

Item number	Page
248-0G52-050	2.147
248-0G53-050	2.153
248-0G54-050	2.145
248-0G55-050	2.145
248-0G56-050	2.145
248-0G57-050	2.147
248-0G58-050	2.153
248-0G79-050	2.145
248-0G80-050	2.145
248-0G81-050	2.145
248-0G82-050	2.147
248-0G83-050	2.153
248-0K10-050	2.173
248-0K40-050	2.145
248-0K76-050	2.145
248-0L04-050	2.145
248-0L27-650	2.149
248-0L28-050	2.151
248-0L32-650	2.149
248-0L33-050	2.151
248-0L46-050	2.151
248-0L51-050	2.159
248-0L61-050	2.115
248-0L70-050	2.151
248-0L71-050	2.149
248-0L72-050	2.147
248-0L73-050	2.153
248-0M41-050	2.171
248-0M73-050	2.121
248-0N12-050	2.109
248-0N13-050	2.109
248-0N16-050	2.111
248-0N17-050	2.111
248-0N20-050	2.113
248-0N21-050	2.113
248-0N24-050	2.115
248-0N25-050	2.115
248-0N38-050	2.149
248-0N62-050	2.115
248-0P43-050	2.159
248-0R09-050	2.173
248-0R10-050	2.159
248-0R12-050	2.159
248-0R13-050	2.121
248-0R14-050	2.121
248-0R17-050	2.121
248-0T80-050	2.163
248-0T81-050	2.163
248-0U13-050	2.163
248-0U14-050	2.163
248-0U16-050	2.125
248-0U21-050	2.125
248-0U22-050	2.125

Index

Item number	Page
248-0V14-050	2.103
248-0V15-050	2.125
248-0V18-050	2.107
248-0V39-050	2.103
248-0V41-050	2.103
248-0V42-050	2.103
248-0V45-050	2.107
248-0V47-050	2.107
248-0V48-050	2.107
248-0V62-050	2.105
248-0V66-050	2.153
248-1646	2.177
248-1712	2.177
248-4668	2.175
248-4672	2.175
338-3686	1.64
338-3687	1.64
338-9721	1.64
353-3649	1.67
353-3650	1.67
360-1222	1.66
360-1230	1.66
408-3166	1.59
408-3391	1.59
408-3423	1.59
408-3424	1.59
610-9691-380	4.35
610-9692-070-K1	4.37
610-9693-070-K1	4.37
610-9694-070-K1	4.37
655-7H60	3.50
655-7H80	3.50
655-7L60	3.50
655-7L80	3.50
655-7M60	3.50
655-7M80	3.50
655-7P40	3.17
655-7P45	3.17
655-7P50	3.17
655-7S40	3.27
655-7S45	3.27
655-7S50	3.27
655-7T40	3.33
655-7T45	3.33
655-7T50	3.33
655-7U40	3.17
655-7U45	3.17
655-7U50	3.17
655-7W40	3.27
655-7W45	3.27
655-7W50	3.27
655-7X40	3.33
655-7X45	3.33

Item number	Page
655-7X50	3.33
655-8E27	3.13
655-8E30	3.13
655-8E35	3.13
655-8E40	3.13
655-8E45	3.13
655-8E50	3.13
655-8E55	3.13
655-8E61	3.15
655-8E62	3.15
655-8E63	3.15
655-8E64	3.15
655-8F27	3.19
655-8F30	3.19
655-8F35	3.19
655-8F40	3.19
655-8F45	3.19
655-8F50	3.19
655-8F55	3.19
655-8F61	3.21
655-8F62	3.21
655-8F63	3.21
655-8F64	3.21
655-8G27	3.23
655-8G30	3.23
655-8G35	3.23
655-8G40	3.23
655-8G45	3.23
655-8G50	3.23
655-8G55	3.23
655-8G61	3.25
655-8G62	3.25
655-8G63	3.25
655-8G64	3.25
655-8H27	3.29
655-8H30	3.29
655-8H35	3.29
655-8H40	3.29
655-8H45	3.29
655-8H50	3.29
655-8H55	3.29
655-8H61	3.31
655-8H62	3.31
655-8H63	3.31
655-8H64	3.31
655-8T27	3.13
655-8T30	3.13
655-8T35	3.13
655-8T40	3.13
655-8T45	3.13
655-8T50	3.13
655-8T55	3.13
655-8T61	3.15

Item number	Page
655-8T62	3.15
655-8T63	3.15
655-8T64	3.15
655-8U27	3.19
655-8U30	3.19
655-8U35	3.19
655-8U40	3.19
655-8U45	3.19
655-8U50	3.19
655-8U55	3.19
655-8U61	3.21
655-8U62	3.21
655-8U63	3.21
655-8U64	3.21
655-8V27	3.23
655-8V30	3.23
655-8V35	3.23
655-8V40	3.23
655-8V45	3.23
655-8V50	3.23
655-8V55	3.23
655-8V61	3.25
655-8V62	3.25
655-8V63	3.25
655-8V64	3.25
655-8Z27	3.29
655-8Z30	3.29
655-8Z35	3.29
655-8Z40	3.29
655-8Z45	3.29
655-8Z50	3.29
655-8Z55	3.29
655-8Z61	3.31
655-8Z62	3.31
655-8Z63	3.31
655-8Z64	3.31
655-8064	3.35, 3.39 3.43
655-8065	3.35
655-8085	3.37, 3.41, 3.45
655-8090	3.39, 3.43
655-8096	3.41
655-8097	3.41
655-8098	3.41
655-8101	3.39
655-8103	3.41
655-8016	3.49
655-8017	3.49
655-8018	3.49
655-8165	3.45
655-8166	3.45
655-8167	3.45
655-8170	3.43

Item number	Page
655-8172	3.45
655-8220	3.41
655-8221	3.41
655-8222	3.41
655-8295	3.37
655-8296	3.37
655-8297	3.37
655-8300	3.37
655-8301	3.37
655-8302	3.37
655-8305	3.37
655-8280	3.45
655-8281	3.45
655-8282	3.45
655-9152	3.47
700-0KA0-054	2.82
700-0KA1-054	2.82
700-0KA2-054	2.82
700-0KA3-054	2.82
700-0KA4-054	2.82
700-0KB0-054	2.82
700-0KB1-054	2.82
700-0KB2-054	2.82
700-0KB3-054	2.82
700-0KB4-054	2.82
700-0KC0-054	2.82
700-0KC1-054	2.82
700-0KC2-054	2.82
700-0KC3-054	2.82
700-0KC4-054	2.82
700-0KE0-054	2.82
700-0KE1-054	2.82
700-0KE2-054	2.82
700-0KE3-054	2.82
700-0KE4-054	2.82
700-0KF0-054	2.82
700-0KF1-054	2.82
700-0KF2-054	2.82
700-0KF3-054	2.82
700-0KF4-054	2.82
700-0KW0-054	2.84
700-0KW3-054	2.84
700-0LB0-650	2.82
700-0LB2-650	2.82
700-0LB3-650	2.82
700-0LC0-650	2.82
700-0LC2-650	2.82
700-0LC3-650	2.82
700-0LF0-650	2.82
700-0LF2-650	2.82
700-0LF3-650	2.82
700-0NA0-054	2.84
700-0NA1-054	2.84

Index

Item number	Page
700-0NA2-054	2.84
700-0NA3-054	2.84
700-0NA4-054	2.84
700-0NB0-054	2.84
700-0NB1-054	2.84
700-0NB2-054	2.84
700-0NB3-054	2.84
700-0NB4-054	2.84
700-0NC0-054	2.84
700-0NC1-054	2.84
700-0NC2-054	2.84
700-0NC3-054	2.84
700-0NC4-054	2.84
700-0NE0-054	2.84
700-0NE1-054	2.84
700-0NE2-054	2.84
700-0NE3-054	2.84
700-0NE4-054	2.84
700-0NF0-054	2.84
700-0NF1-054	2.84
700-0NF2-054	2.84
700-0NF3-054	2.84
700-0NF4-054	2.84
701-0A96-650	2.43
701-0A98-650	2.43
701-0AS0-054	2.29
701-0AS1-054	2.29
701-0AS4-054	2.29
701-0AT0-054	2.29
701-0AT1-054	2.29
701-0AT4-054	2.29
701-0B08-650	2.39
701-0B10-650	2.39
701-0BS0-054	2.29
701-0BS1-054	2.29
701-0BS4-054	2.29
701-0BT0-054	2.29
701-0BT1-054	2.29
701-0BT4-054	2.29
701-0C54-650	2.39
701-0C56-650	2.39
701-0C78-650	2.39
701-0C80-650	2.39
701-0CS0-054	2.31
701-0CS1-054	2.31
701-0CS4-054	2.31
701-0CT0-054	2.31
701-0CT1-054	2.31
701-0CT4-054	2.31
701-0D30-650	2.43
701-0D32-650	2.43
701-0D36-650	2.43
701-0D38-650	2.43

Item number	Page
701-0D64-650	2.33
701-0D66-650	2.33
701-0D70-650	2.33
701-0D72-650	2.33
701-0D76-650	2.33
701-0D78-650	2.33
701-0D82-650	2.37
701-0D84-650	2.37
701-0D88-650	2.37
701-0D90-650	2.37
701-0D98-650	2.37
702-0DK0-054	2.53
702-0DK1-054	2.53
702-0DK4-054	2.53
701-0DS0-054	2.31
701-0DS1-054	2.31
701-0DS4-054	2.31
701-0DT0-054	2.31
701-0DT1-054	2.31
701-0DT4-054	2.31
701-0E32-650	2.37
701-0E52-650	2.35
701-0E54-650	2.35
701-0E58-650	2.35
701-0E60-650	2.35
701-0E64-650	2.35
701-0E66-650	2.35
701-0UT0-054	2.45
701-0UT1-054	2.45
701-0UT4-054	2.45
701-0US0-054	2.45
701-0US1-054	2.45
701-0US4-054	2.45
701-0W59-650	2.41
701-0W60-650	2.41
701-0W62-650	2.41
701-0W63-650	2.41
701-0W65-650	2.41
701-0W66-650	2.41
702-0A95-650	2.63
702-0A97-650	2.63
702-0AK0-054	2.51
702-0AK1-054	2.51
702-0AK4-054	2.51
702-0AL0-054	2.51
702-0AL1-054	2.51
702-0AL4-054	2.51
702-0B07-650	2.61
702-0B09-650	2.61
702-0BL0-054	2.51
702-0BL1-054	2.51
702-0BL4-054	2.51
702-0BK0-054	2.51

Item number	Page
702-0BK1-054	2.51
702-0BK4-054	2.51
702-0C53-650	2.61
702-0C55-650	2.61
702-0C77-650	2.61
702-0C79-650	2.61
702-0CK0-054	2.53
702-0CK1-054	2.53
702-0CK4-054	2.53
702-0CL0-054	2.53
702-0CL1-054	2.53
702-0CL4-054	2.53
702-0D29-650	2.63
702-0D31-650	2.63
702-0D35-650	2.63
702-0D37-650	2.63
702-0D63-650	2.55
702-0D65-650	2.55
702-0D69-650	2.55
702-0D71-650	2.55
702-0D75-650	2.55
702-0D77-650	2.55
702-0D81-650	2.59
702-0D83-650	2.59
702-0D87-650	2.59
702-0D89-650	2.59
702-0D97-650	2.59
702-0DL0-054	2.53
702-0DL1-054	2.53
702-0DL4-054	2.53
702-0E18-650	2.59
702-0E51-650	2.57
702-0E53-650	2.57
702-0E57-650	2.57
702-0E59-650	2.57
702-0E63-650	2.57
702-0E65-650	2.57
702-0EK0-054	2.75
702-0EK1-054	2.75
702-0EK4-054	2.75
702-0EL0-054	2.75
702-0EL1-054	2.75
702-0EL4-054	2.75
702-0FK0-054	2.77
702-0FK1-054	2.77
702-0FK4-054	2.77
702-0FL0-054	2.77
702-0FL1-054	2.77
702-0FL4-054	2.77
702-0GK0-054	2.77
702-0GK1-054	2.77
702-0GK4-054	2.77
702-0GL0-054	2.77

Item number	Page
702-0GL1-054	2.77
702-0GL4-054	2.77
702-0UK0-054	2.65
702-0UK1-054	2.65
702-0UK4-054	2.65
702-0UL0-054	2.65
702-0UL1-054	2.65
702-0UL4-054	2.65
704-0553-054	2.71
704-0593-054	2.71
704-0595-054	2.73
704-0604-054	2.71
704-0661-054	2.71
704-0672-054	2.71
704-0673-054	2.71
704-0674-054	2.73
704-0697-054	2.73
707-0WK0-054	2.69
707-0WK1-054	2.69
707-0WK4-054	2.69
707-0WL0-054	2.69
707-0WL1-054	2.69
707-0WL4-054	2.69
707-0XK0-054	2.67
707-0XK1-054	2.67
707-0XK4-054	2.67
707-0XL0-054	2.67
707-0XL1-054	2.67
707-0XL4-054	2.67
707-0YK0-054	2.67
707-0YK1-054	2.67
707-0YK4-054	2.67
707-0YL0-054	2.67
707-0YL1-054	2.67
707-0YL4-054	2.67
707-0ZK0-054	2.69
707-0ZK1-054	2.69
707-0ZK4-054	2.69
707-0ZL0-054	2.69
707-0ZL1-054	2.69
707-0ZL4-054	2.69
708-0WS0-054	2.49
708-0WS1-054	2.49
708-0WS4-054	2.49
708-0WT0-054	2.49
708-0WT1-054	2.49
708-0WT4-054	2.49
708-0XS0-054	2.47
708-0XS1-054	2.47
708-0XS4-054	2.47
708-0XT0-054	2.47
708-0XT1-054	2.47
708-0XT4-054	2.47

Index

Item number	Page
708-0YT0-054	2.47
708-0YT1-054	2.47
708-0YT4-054	2.47
708-0YS0-054	2.47
708-0YS1-0 54	2.47
708-0YS4-054	2.47
708-0ZS0-054	2.49
708-0ZS1-054	2.49
708-0ZS4-054	2.49
708-0ZT0-054	2.49
708-0ZT1-054	2.49
708-0ZT4-054	2.49
721-0PK0-650	2.79
721-0PK4-650	2.79
721-0PL0-650	2.79
721-0PL4-650	2.79
728-1283	2.177
728-1284	2.177
728-1286	2.177
728-1287	2.177
728-4669	2.175
729-0K71-054	2.189
915-0320	2.199
915-0781-050	2.119
915-0896-050	2.119
915-4175	2.199
915-4183	2.199
915-7159-050	2.199
915-7185	2.201
915-7186	2.203
915-7188	2.203
915-7187	2.201
915-7190-050	2.199
915-7192	2.201
915-7193	2.203
915-7196-050	2.199
915-7199-050	2.199
915-0D22	2.199
915-0D22-381-K1	2.199
915-0D22-381-K2	2.199
915-0X59	2.199
915-0X59-381-K1	2.199
915-0X59-381-K2	2.199
915-0Z98-050	2.119
915-0Z99-050	2.119
926-0A26-050	2.165
926-0A27-050	2.165
950-0464-050	2.157
950-0465-050	2.157
950-0466-050	2.157
950-0T26-050	2.155
950-0T27-050	2.117
950-0T49-050	2.155

Item number	Page
950-0T50-050	2.117
950-0T51-050	2.155
950-0T52-050	2.117
951-0D45-054	2.189
951-0F15-650	2.191
972-0420	2.193
972-4564	2.193
972-4565	2.193
972-4566	2.193
972-0X19	2.195
972-0X34	2.195
973-0M99	4.27
973-0X35	4.23
973-0X39	4.25
973-4125	4.25
973-4126	4.25
973-4451	4.23, 4.27
973-9018	4.31
973-9060	4.29
974-4747	4.22
974-4748	4.22
974-4752	4.21
974-4753	4.22
974-4757	4.21
975-9216-040	4.7
975-9217-040	4.7
975-9218-040	4.7
975-9271-380	4.13
975-9272-380	4.13
975-9315-380	4.17
975-9317-380	4.17
975-9321-380	4.17
975-9333-380	4.15
975-9341-380	4.15
975-9342-380	4.15
975-9347-380	4.15
975-9373-040	4.19
975-9374-040	4.19
975-9375-040	4.19
975-9376-380	4.19
975-9377-380	4.19
975-9436-040	4.11
975-9437-040	4.11
975-9440-040	4.11
975-9442-040	4.11
975-9443-040	4.11
975-9456-380	4.9
975-9457-380	4.9
975-9459-380	4.9
975-9461-380	4.9
975-9462-380	4.9
975-9483-380	4.17
975-9492-380	4.13

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