

Cabinet Connectors

Cabinet Connectors

Product Guide

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Fittings for rigid assembly systems

a highly cost-effective and rigid assembly system for factory, consumer and home assembly

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face boring applications that provide a tolerant efficient assembly

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a comprehensive range of cam and dowel connecting fittings for all cabinet applications

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Quickfit-Expando connectors

face boring expanding connectors for all cabinet applications

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Heavy duty cams and dowels

high quality fittings for offices and public furniture

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Accessories

Adjustable cabinet legs, shelf supports and backfix connector

designed for easy and quick installation

1.51

Connectors

Information

Why Choose Titus?

Titus connectors add value to furniture and to furniture manufacturing

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

The most advanced range of connectors available on the market

Precise and efficient product design. **The broadest possible range of drilling tolerances** ensures reliable assembly and consistently strong joints. **'Klix'** locking feature, the engagement of interlocking teeth on cam and dowel, to prevent joint loosening in service or transit.

Expanding function provides degrees of variation in out-of-tolerance drillings ensuring stronger joints and improved quality of furniture.

Twinstart thread for faster and more stable insertion.

Depth stop collar prevents over-insertion.

Firm tightening for greater confidence in use.

Cam locks at 230° assuring smooth tightening action and greater dowel pull-up.

Quickfit for hand dowel insertion.

Quickfit TL5, new generation steel dowel with quickfit expando technology for insertion in Ø5mm dowel holes.

Quickfit TL2, TL4 with the built-in self adjustment feature for higher drilling tolerances.

Quickloc one piece fitting for faster assembly with integrated expanding cam and dowel.

Zinc+steel dowel for optimal strength and performance.

Precise dowel manufacturing high precision of zinc and strength of steel assures 100% dimensional accuracy.

Easy and quick consumer friendly self-assembly of furniture

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

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

Titus connectors provide consumers with easy assembly and furniture producers with increased productivity:

- reduced number of assembly parts
- easy assembly instructions
- security of packed parts during transit

CAF Quick & Easy

Consumer Assembly Friendliness

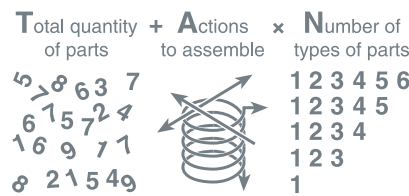
Easy and Quick Furniture Assembly

CAF formula

CAF=Consumer Assembly Friendliness

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

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



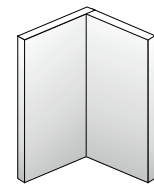
$$(T+A)N = CAF$$

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

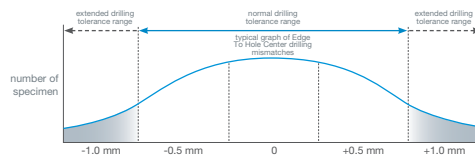
Cabinet Connectors

CAF Quick & Easy

Consumer Assembly Friendliness

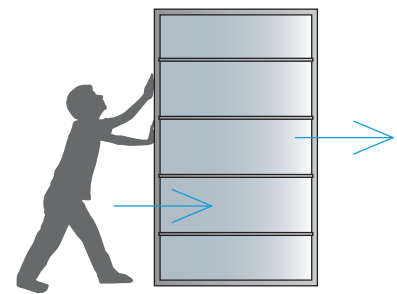
Consumer Assembly Friendliness - CAF principle

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



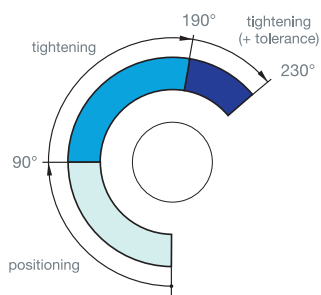
High drilling tolerances

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



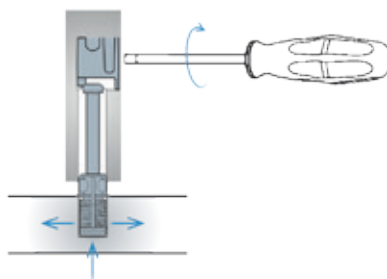
Strong and reliable joints

- 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



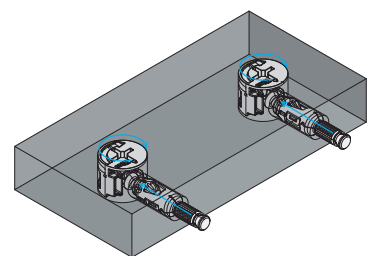
Reliable and comfortable locking

- 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

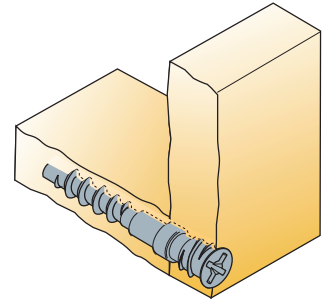
System 1

Fittings for Rigid Assembly Systems

System Features

Double locking carcass screw

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

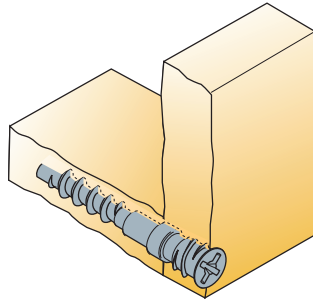


System 1

Fittings for Rigid Assembly Systems

Double Locking Carcase Screw

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



Technical and mounting details

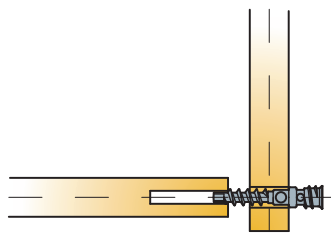
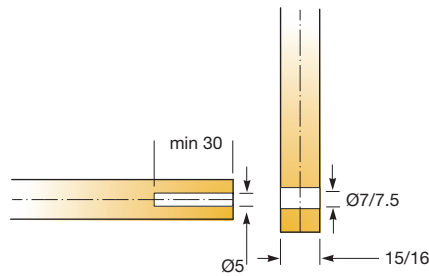
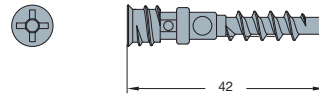
Item number

Zinc

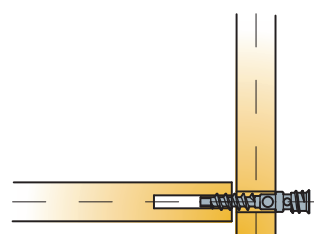
Screw 6x42 

00180 

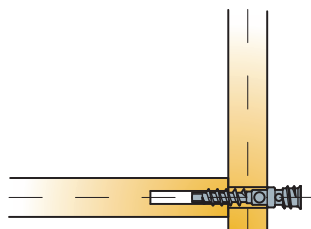
885



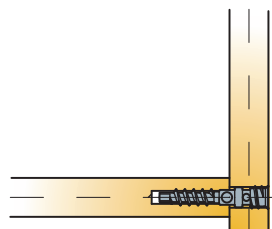
1. Insert screw to shoulder in face board



2. Screw into Ø5mm hole



3. Board joint pulled up by collar on screw



4. Board locked in place by screw

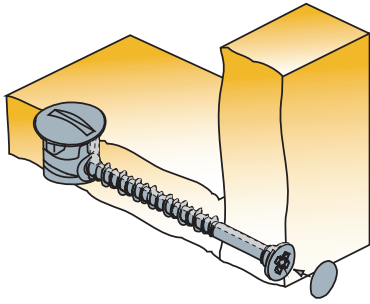
 2000 Pcs Made of zinc

System 1

Fittings for Rigid Assembly Systems

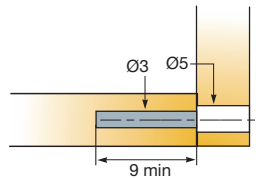
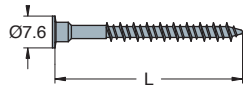
Hi-Lo™ Screw and Barrel Nut

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



Technical and mounting details

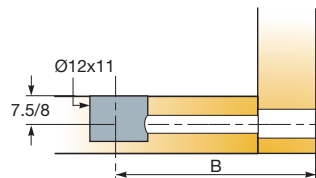
Hi-Lo™ screw



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

Made of steel

Barrel nut



- 10000 Pcs
- Made of plastic

Screw cap

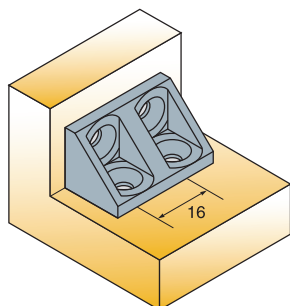


- 50000 Pcs
- Made of plastic

A	Screw diameter	D2	Total Length	Item number	Black	Phosphate	White
	4	20	25	00062 →		852	
	4	23	28	00068 →		852	
	4	28	338	00071 →		852	
	4	33	38	06074 →		852	
	4	40	45	00077 →		852	
	4	50	55	00172 →		852	
	4	45	50	06077 →		852	
	5	45	50	06080 →		852	
				01056 →	835		877
Other colors on request							
				pozi, philips	01020 →	835	877
				hexagon	01042 →	835	877
Other colors on request							

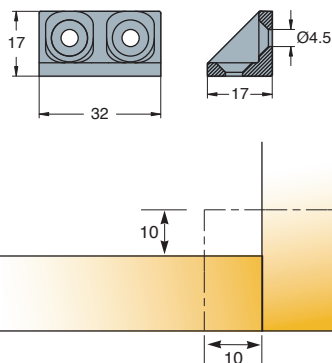
System 2 Fittings for Face-boring Applications

- 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

Housing
(no nose)



Item number

White

02077 →

877

2000 Pcs

Made of plastic

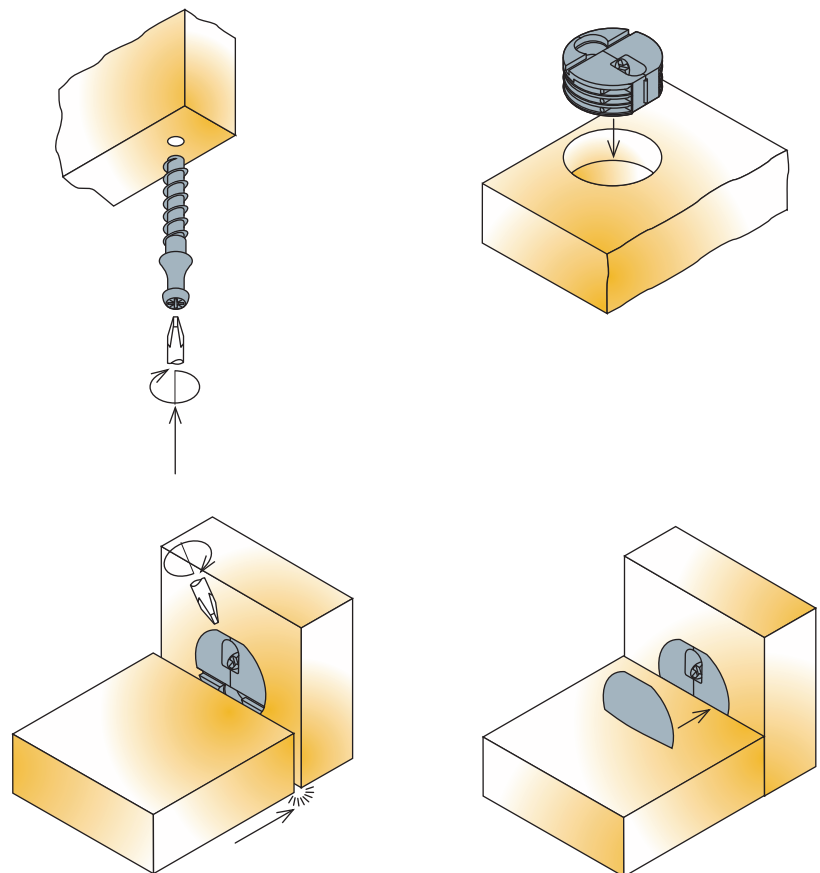
System 3

Fittings for Face and Edge Boring

System Features

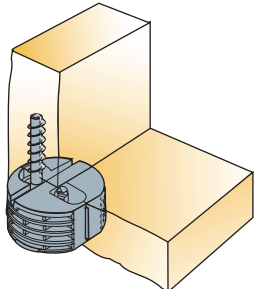


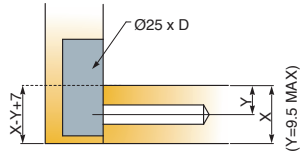

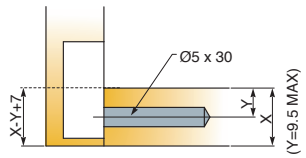

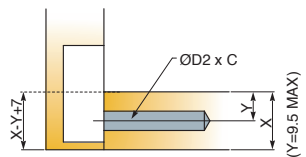
Titus System 3 is a two component rigid face and edge drilled fastening with half turn to fasten. System 3 offers almost full concealment and wide tolerances in use.

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



System 3 Fittings for Face and Edge Boring Concealed Housing

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

Technical and mounting details		C	D	D2						
		Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread	Item number	Black	Zinc plated	Dark brown	White	Yellow passivate
 <p>Housing assembly </p>   <p>X, Y - depends on board thickness</p> <p>2500 Pcs</p> <p>Made of plastic or zinc, plastic</p>		12.5		03118 →	835		831	877		
<i>Other colors on request</i>										
  <p>X, Y - depends on board thickness</p> <p>1000 Pcs</p> <p>Made of steel</p>	30		5	03165 →		883				
  <p>X, Y - depends on board thickness</p> <p>2000 Pcs</p> <p>Made of steel</p>	25		3	03090 →		883				
	30		3.75	03181 →					881	

System 4 Fittings for Face-boring Only

System Features

Cost effective one piece fittings with face boring benefits

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

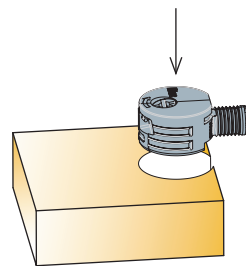
Quickloc™ One-piece connector

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

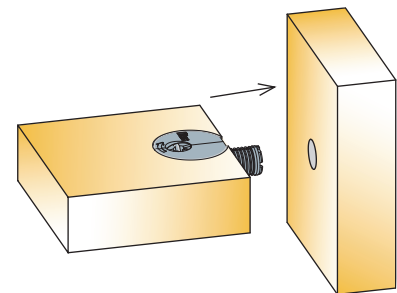
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

Quickloc™ Assembly

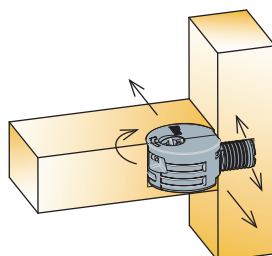
1. Press Quickloc into the face board



2. Assemble the panels



3. Tighten in less than one turn

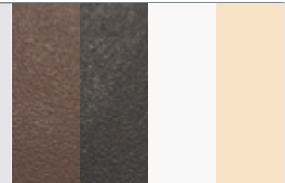


System 4 Quickloc™ One Piece Expanding Connector

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



Technical and mounting details



Item number

Dark brown

Black

White

Tan

Quickloc Ø20 flanged

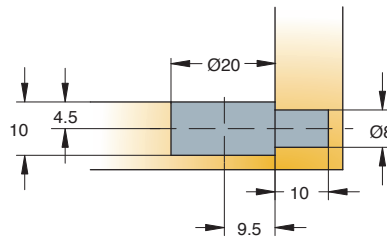
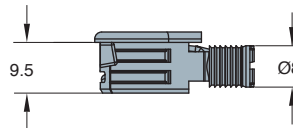
06803 →

834

835

877

871



2500 Pcs

Made of zinc, plastic

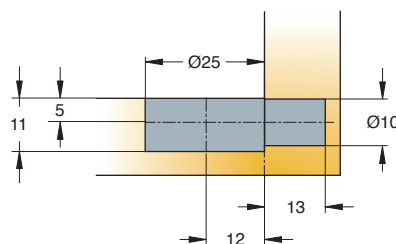
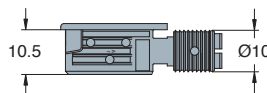
Quickloc Ø25 flanged 

06802 →

831

835

877



1500 Pcs

Made of zinc, plastic

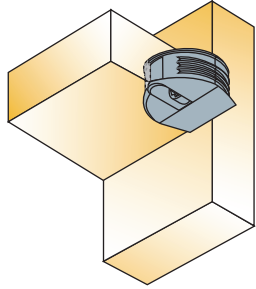
System 4

Fittings for

Face-boring Only

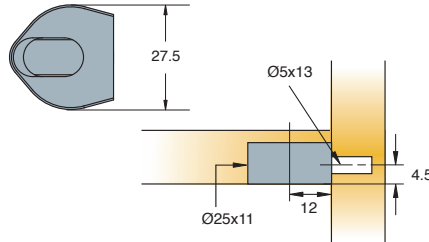
Flushbloc™ / Flushfix™

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



Technical and mounting details

Flushbloc™ 
assembly



Item number

Black

Dark brown

White

Zinc

02190 →

835

831

877

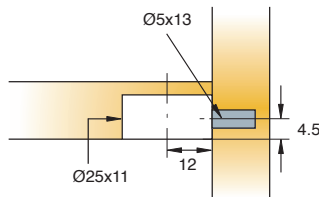
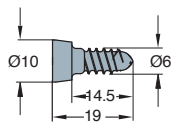
Other colors on request

 2500 Pcs

Made of plastic

Angeldriv screw for use with Flushfix™ 

flat head



00022 →

855

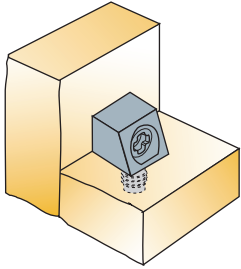
Other colors on request

 4000 Pcs

Made of zinc

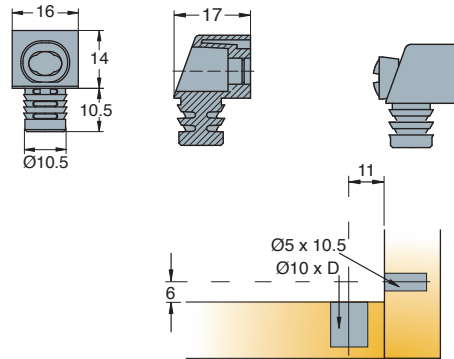
System 4 Fittings for Face-boring Only Minibloc™ / Twinbloc™


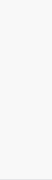

- One-piece connector range
- Face drilling only required
- Easy to use, foolproof home insertion
- Angledriv screw tolerates good levels of inaccurate drilling increasing consumer confidence




Technical and mounting details

Minibloc Ø10 



Drilling depth	Item number	Color	
		Dark brown	White
D			
11	*02120 	831	877
* Assembly with screw			

 2500 Pcs

Made of zinc, plastic

Angledriv screw  see page 1.17

System 5 Cams and Dowels

System Features

The most advanced cam and dowel range

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

Dowels

- **Quickfit TL5, 'Full metal jacket'**
a high performance Quickfit dowel for use in multiple wooden materials
- **Quickfit TL2, TL4, TL5 dowels**
a unique solution for factory pre-insertion, high level of drilling tolerances

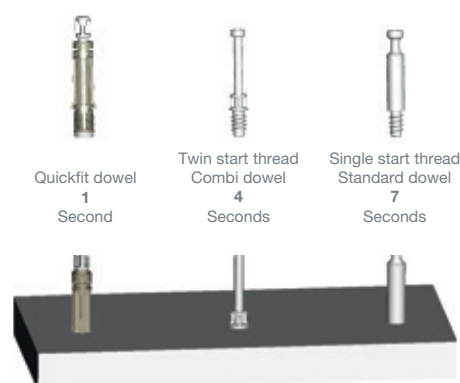
- **Quickfit dowels**
quick hand insertion, easy assembly
- **Diecast dowels (zinc)**
precise manufacturing, optimal shape and design
- **Turned dowels (steel)**
'traditional' design, smooth surface, best strength performance
- **Combi dowels (zinc and steel)**
high precision of zinc, strength of steel, 100% dimensional accuracy and optimal performance

Titus 'Klix'™

Titus 'Klix' locking system ensures the engagement of the interlocking teeth on cam and dowel providing:

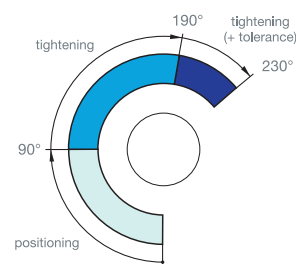
- vibration-proof joint
- rigid construction that will not loosen in service or transit

Dowel insertion time comparison



2 o'clock lock Smooth closing

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

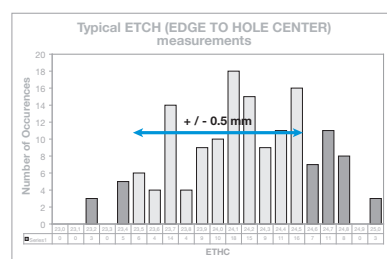
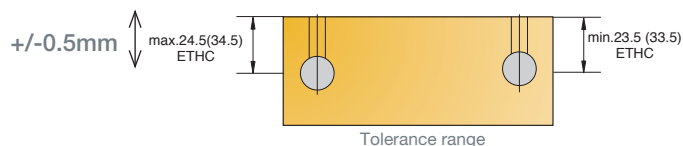


Optimal performance and perfect joint even with inaccurate drillings.

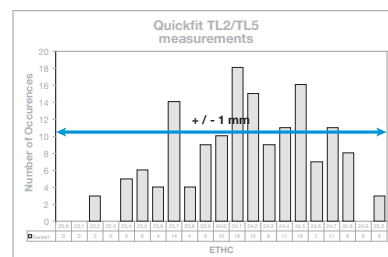
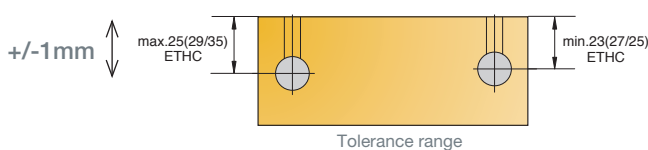
Drilling tolerances

Optimal performance and perfect joint even with inaccurate drillings.

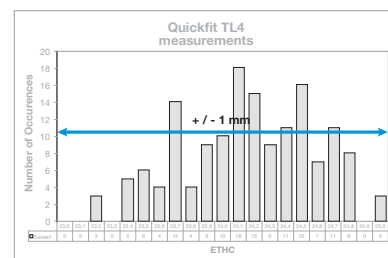
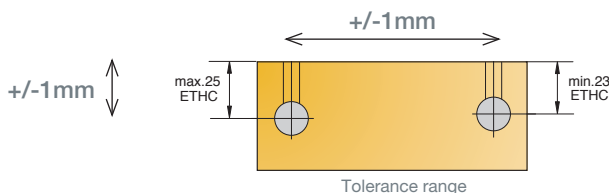
Zinc/Combi dowel



Quickfit TL5 dowel, Quickfit TL2 dowel



Quickfit TL4 dowel

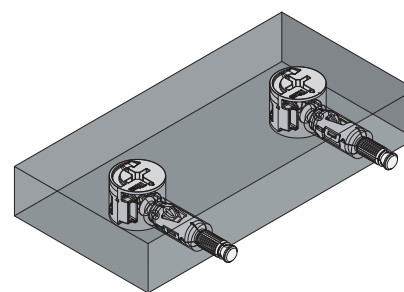


ETHC=Edge To Hole Center

Quickfit dowels for factory insertion

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

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



System 5 Cams and Dowels

Cam5000

Highly resistant joint for strong cabinet construction

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

Increased joint resistance enables effective performance in wider tolerance range.



Linear cam profile

Linear cam profile ensures:

- Smooth tightening action
- Greater dowel pull-up



Cam retaining pips

Cam retaining pips ensures:

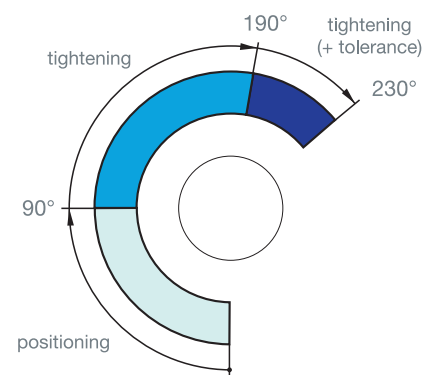
- The cam is held in position prior to assembly
- Secure cam positioning during transport and handling
- Accurate factory insertion



2 o'clock lock

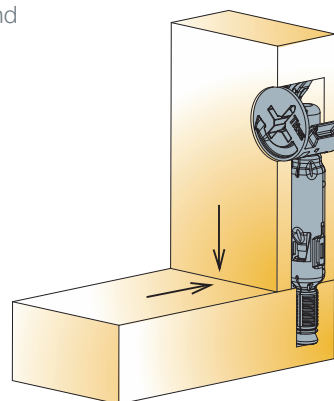
Smooth and noticeable locking at the 2 o'clock position guarantees:

- always-right tightening for home assembly
- strong and rigid cabinet construction



Optimised cam profile

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



Optimal performance with all Titus dowels

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



System 5 Cams and Dowels

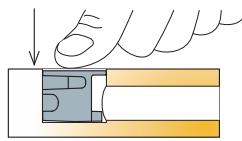
Quickfit Connectors

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

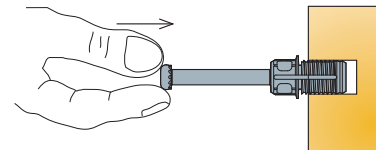
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lengths of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

Assembly

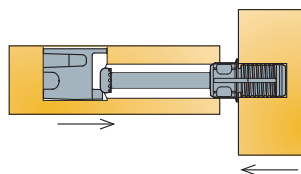
1. Press the cam into face board



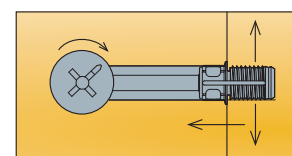
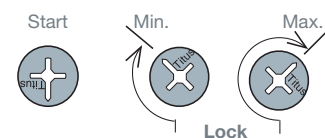
2. Insert the dowel into side panel



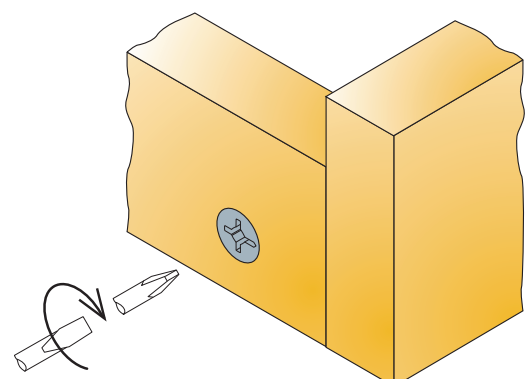
3. Assemble the panels



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.

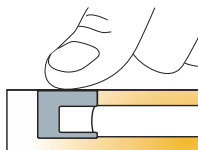
Drilling tolerances

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

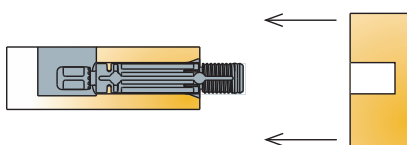
Quickfit-TL™ provides a tolerance of ± 1 mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

Assembly

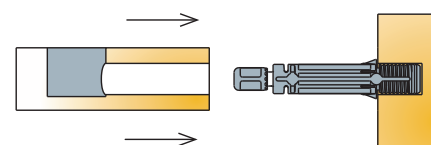
1. Press the cam into face board



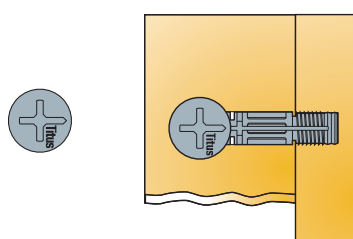
2a. Either push dowel into edge hole or...



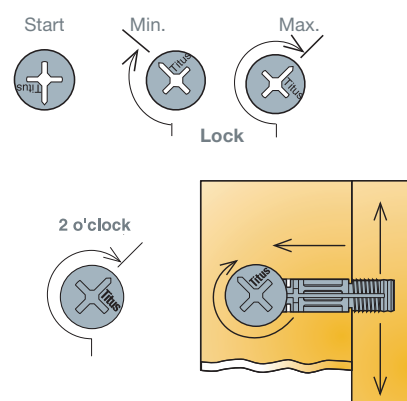
2b. Insert the dowel into side panel



3. Assemble the panels



4. Tighten cam to lock dowel



System 5 Cams and Dowels

Quickfit TL5 'Full Metal Jacket'

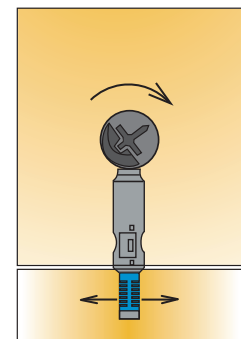
Effective performance in multiple wooden materials

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



Strong and reliable joint

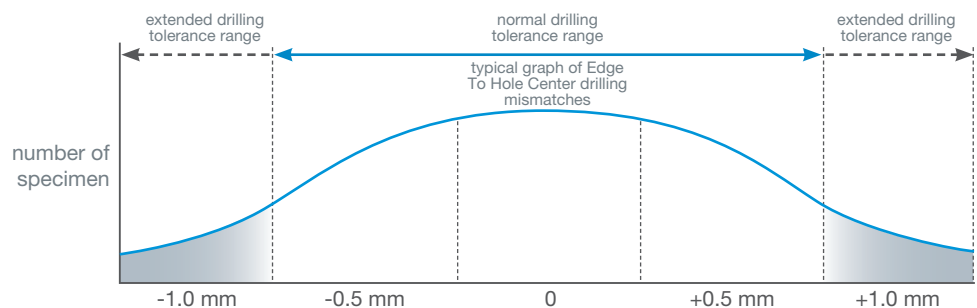
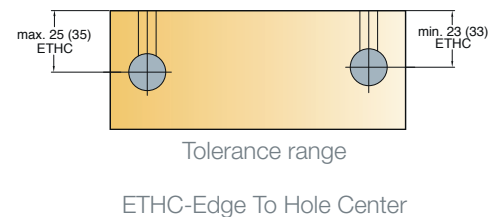
Expanding steel sleeve assures high resistance to torsion and pull-out.



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.



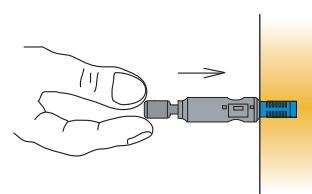
Shape of dowel sleeve

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



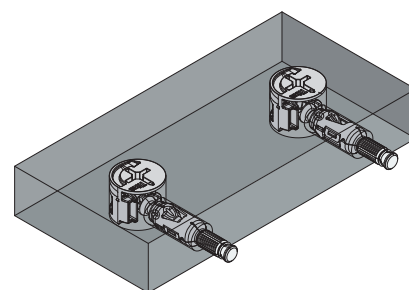
Tool-free insertion for Ø5mm dowel holes

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.

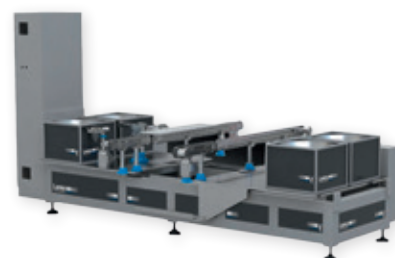


50% less time to assemble the cabinet at home

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

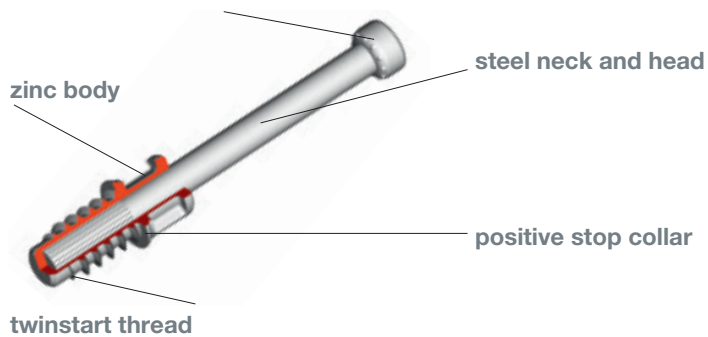
System 5 Cams and Dowels

Zinc+steel Combi Dowels

**Zinc+steel
technology for
optimal strength
and performance**

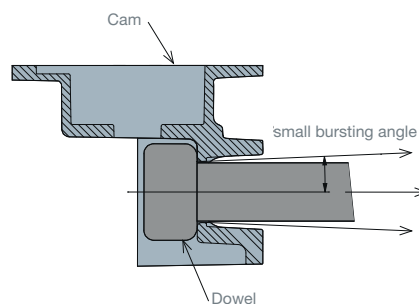
The Combi dowel combines steel and a small amount of zinc to ensure high precision and dimensional accuracy, essential to provide furniture manufacturers with the broadest possible range of drilling tolerances.

toroidal head form

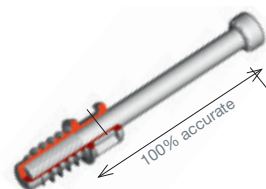


The steel neck and head provide better resistance to torsion and pull-out enabling a high performance joint

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



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

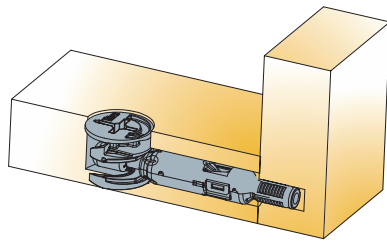


**100% dimensional accuracy
assured**

System 5 Cams and Dowels

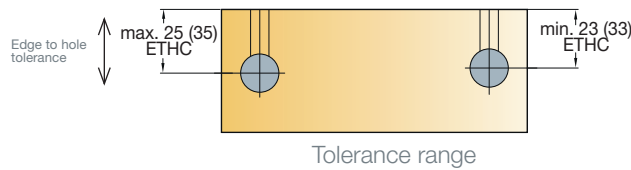
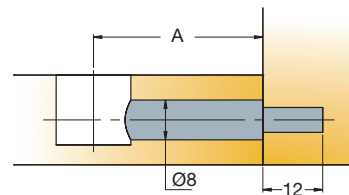
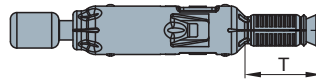
Quickfit TL5 'Full Metal Jacket'

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



Technical and mounting details

Quickfit TL5 dowel



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

i Suitable for Cam5000 only

1000 Pcs

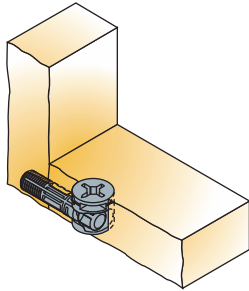
Made of steel

System 5

Cams and Dowels

Quickfit TL Dowels

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

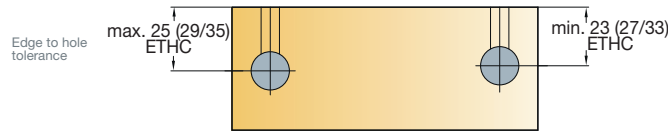
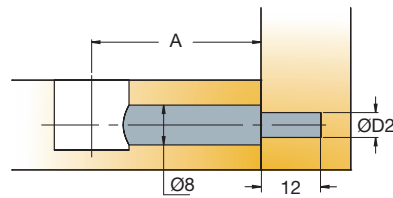
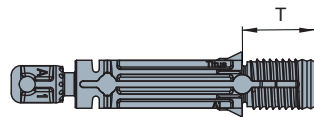


Technical and mounting details


Quickfit TL2 



D2=Ø5mm

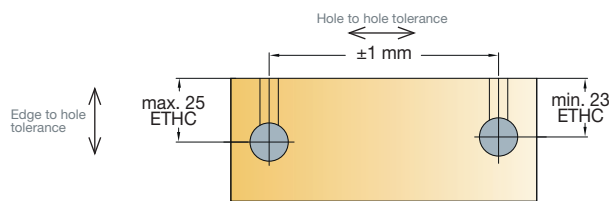
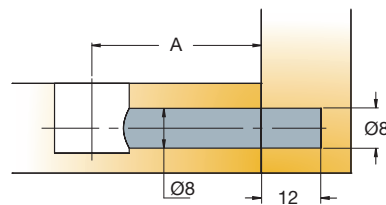
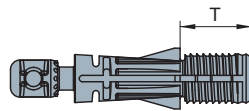


Tolerance range

 2000 Pcs
1000 Pcs (05474)

Made of zinc, plastic

Quickfit TL4 



Tolerance range

 3000 Pcs

Made of zinc, plastic

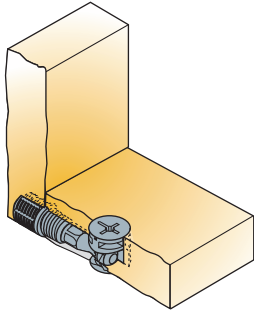
A	N	T	Item number	Black	Dark grey
24	12	11.6	05441 →		880
34	12	11.6	05474 →		880
24	12	11.2	05388 →	835	

System 5

Cams and Dowels

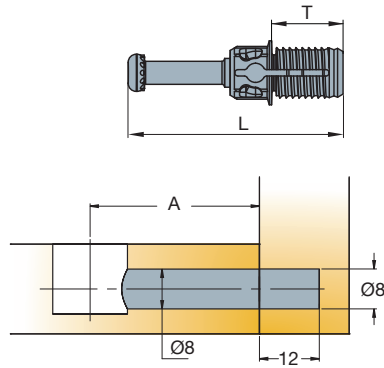
Quickfit Dowels

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



Technical and mounting details

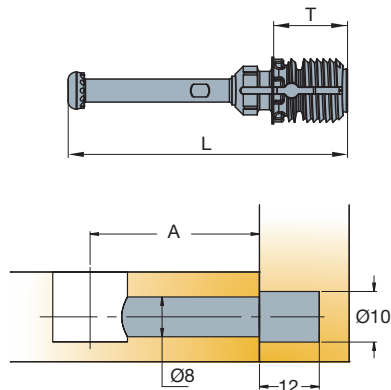
Quickfit dowel
Ø8mm



2000 Pcs

Made of zinc, plastic

Quickfit dowel
Ø10mm



2000 Pcs

Made of zinc, plastic

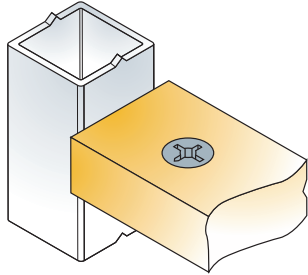
A	N	T	Item number	Dark grey
Drilling distance	Drilling depth	Thread length		
24	12	11.5	05025 →	880
34	12	11.5	05026 →	880
24	12	11.5	05052 →	880
34	12	11.5	05050 →	880
34	9.5	9.2	05147 →	880

System 5

Cams and Dowels

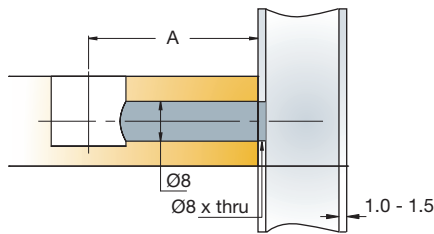
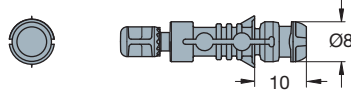
Quickfit P2F Dowels

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



Technical and mounting details

Quickfit P2F



A

Drilling distance

Item number

Black

24

05414 →

835

2000 Pcs

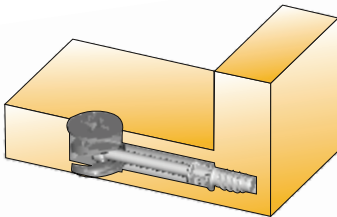
Made of zinc, plastic

System 5

Cams and Dowels

Combi Dowel

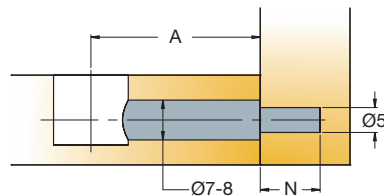
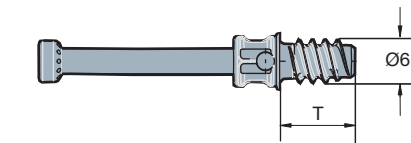
- High quality zinc-steel dowel with greater resistance to torsion and pull-out
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000 and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Twinstart thread for faster and reliable insertion



Technical and mounting details

A	N	T	Item number	Zinc
Drilling distance	Drilling depth	Thread length		

Combi dowel Ø5 



PH2 head 

PH2 head 

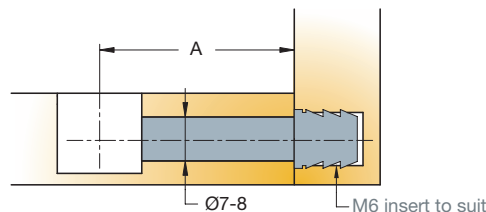
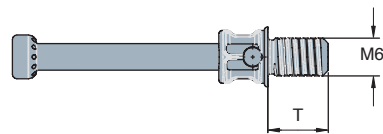
PH2 head 

34	12	11	*09424 →	885
24	12	11	*09423 →	885
34	9	8.5	*09456 →	885

 2000 Pcs

Made of steel and zinc

Combi dowel M6



34		8	09592 →	885
34		10.5	09594 →	885

X → drilling depth of M6 insert

 1000 Pcs

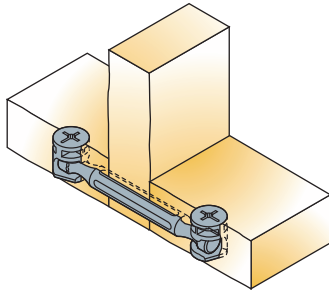
Made of steel and zinc

System 5

Cams and Dowels

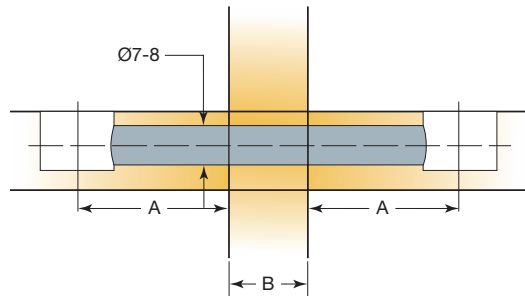
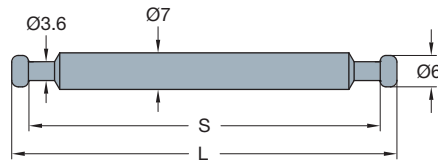
Double-ended Dowel

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



Technical and mounting details

Dowel without circlip



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

*B=0 → no panel required

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

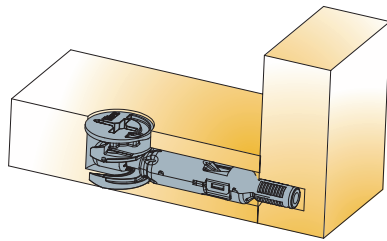
Made of steel

System 5

Cams and Dowels

Cam5000 Ø15mm

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

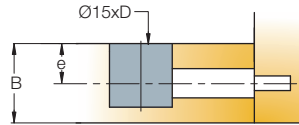
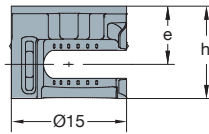


Technical and mounting details

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

Cam5000 cross drive

PZ2 drive 



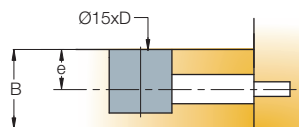
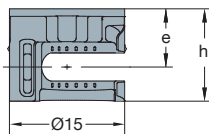
Use standard cover caps with pin=Ø4mm

 1000 Pcs

Made of zinc

Cam5000 hexagonal drive

combined drive with HEX 



15/16	12.5	7.5-8	11.9	09699 →	885	959
18/19	14	9-9.5	13.2	09692 →	885	959

Use standard cover caps with pin=Ø4mm

 1000 Pcs

Made of zinc



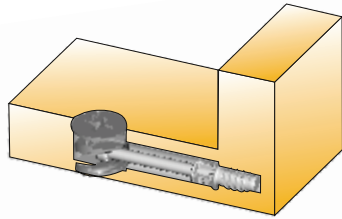
Cover caps for Ø15 cams → see page 1.43
Made of plastic

System 5

Cams and Dowels

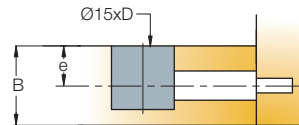
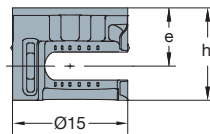
Cam3000 Ø15mm

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



Technical and mounting details

Cam3000 cross drive 

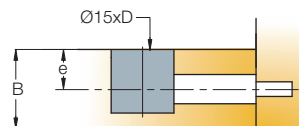
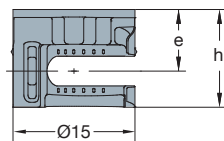


 1000 Pcs

Made of zinc

Cam3000 hex drive 

combined drive with HEX



 1000 Pcs

Made of zinc

 Cover caps for Ø12 cams
Made of plastic

→ see page 1.36

B	D	e	h	Item number	Zinc
Panel thickness	Drilling depth	Drilling for dowel	Cam height		
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

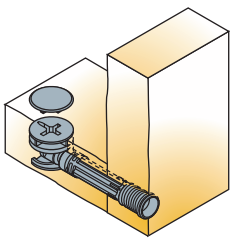
15/16	12.5	7.5-8	11.9	09537 →	885
18/19	14	9-9.5	13.2	09536 →	885

Use standard cover caps with pin=Ø4mm

Black available upon request

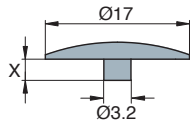
System 5 Cover Caps

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



Technical and mounting details

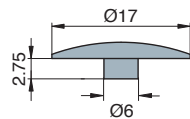
Cover cap Ø17 



 25000 Pcs

Made of plastic

Cover cap Ø17 



 1000 Pcs

Made of plastic

X

Item number

Dark brown

Black

Light brown

White

3.3

*01029 →

831

835

867

877

Other colors on request

*Works with PZ2 drive caps:
05644, 09533, 09495, 09690, 09695*

01026 →

831

835

867

877

Other colors on request

*Works with HEX drive cams:
05654, 05656, 09692, 09536, 09537*

System 6 Information

System Features

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

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

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

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

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

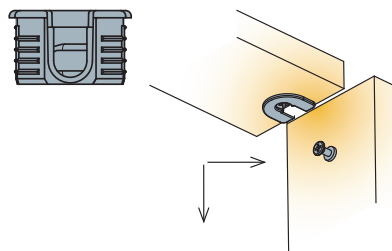
Applications

Titus System 6 is ideal for use in high volume production of case goods, closet and garage storage systems. Because no

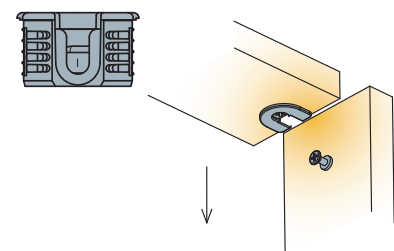
edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry Drop-on

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

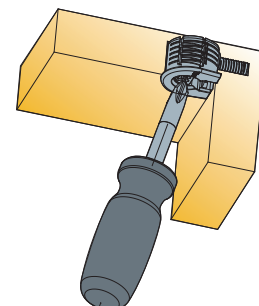


Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Angledriv feature

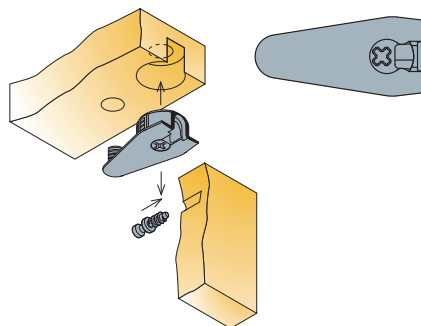
The angledriv feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.



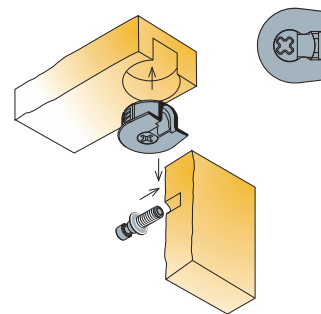
System Features

Outrigger/ Non outrigger

Outrigger

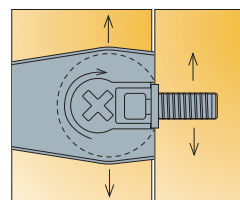
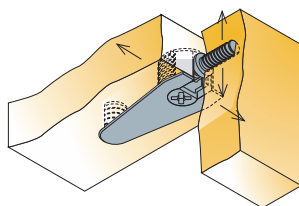


Non outrigger



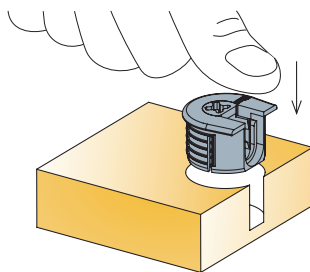
Expando function

Expanding housings and dowels provide a tight joint.

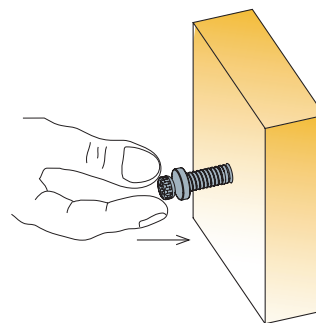


Assembly

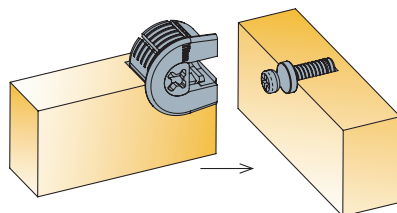
1. Press the housing into face board



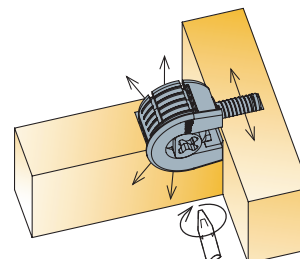
2. Press the dowel into side panel



3. Assemble the panels



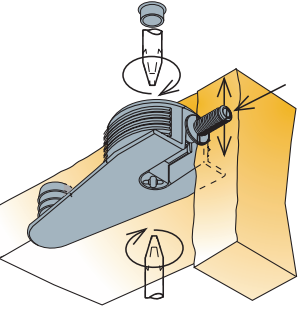

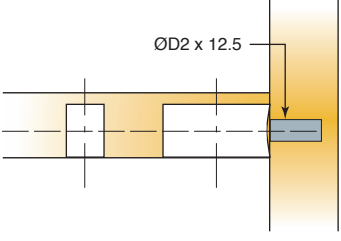

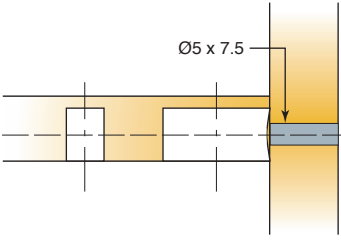
4. Tighten the joint



System 6

Expanding Dowels

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

 <p>Technical and mounting details</p>	D2	Drilling diameter for dowel thread	Item number	Dark grey
<p>Dowel</p>  <p>D2= Ø5mm</p>  <p>Ø2 x 12.5</p> <p>5000 Pcs</p> <p>Made of zinc, plastic</p>	5	06408 →	880	
<p>Dowel Ø5 x 7.5 back-to-back applications</p>   <p>Ø5 x 7.5</p> <p>5000 Pcs</p> <p>Made of zinc, plastic</p>		06479 →	880	

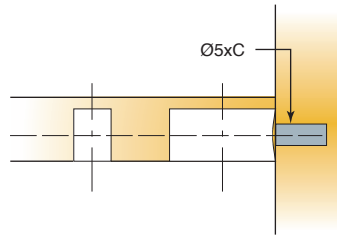
System 6 Quickfit-Expando Dowel

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




Technical and mounting details

Dowel Ø5 



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

 4500 Pcs (steel)
5000 Pcs (zinc)

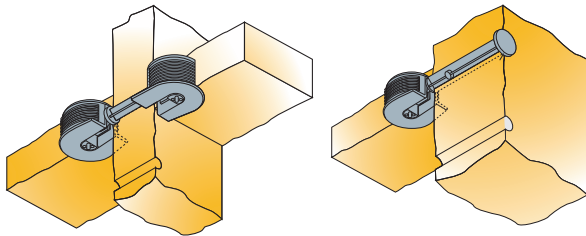
Made of zinc or steel

System 6

Double-ended Dowels

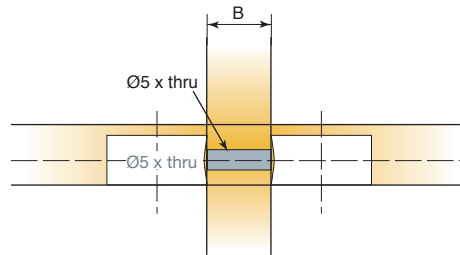
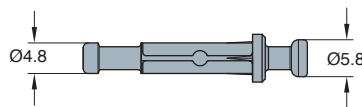
End Dowels

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



Technical and mounting details

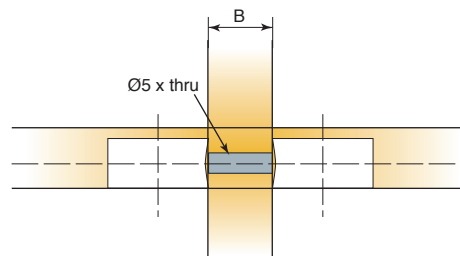
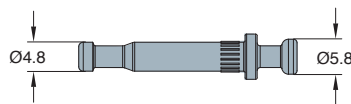
Double-ended dowel 



 2500 Pcs

Made of zinc

Double-ended dowel



 2500 Pcs

Made of steel








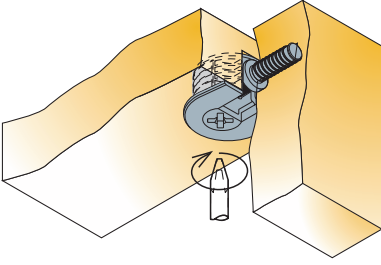

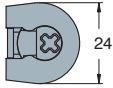



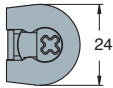

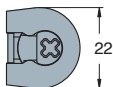

Panel thickness	Item number	Material	
		Steel	Zinc
16	06414 →		885
19	06416 →		885
19	06389 →	883	

System 6

20mm Knock-in Housing

Non-outrigger

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

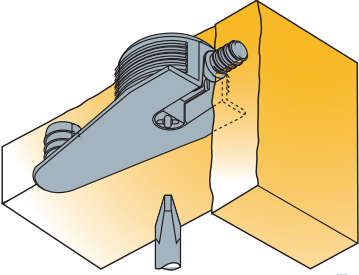









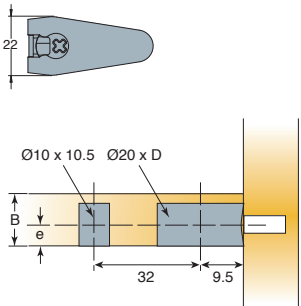



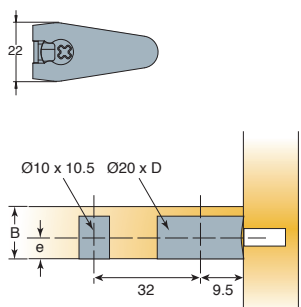


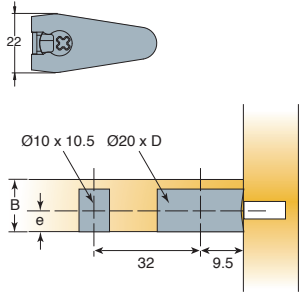

Technical and mounting details													
e	B	D	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated			
 <p>Side-entry </p>   <p>2500 Pcs Made of plastic</p>				7.75	15/16	12.5	06381 →	841	898	835	877	861	
 <p>Drop-on </p>   <p>2500 Pcs Made of plastic</p>				9.25	18/19	14	06385 →	841	898	835	877		
<i>Other colors on request</i>													
<p>Drop-on</p>   <p>500 Pcs Made of zinc</p>				7.75	15/16	12.5	06447 →						847
				9.25	18/19	14	06449 →					847	
<i>Other colors on request</i>													

System 6

20mm Knock-in Housing

Outrigger

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

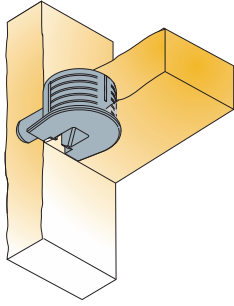

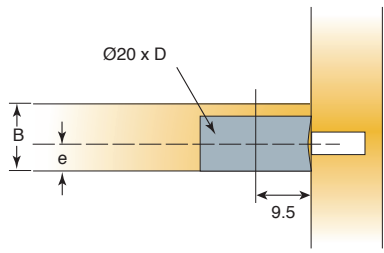

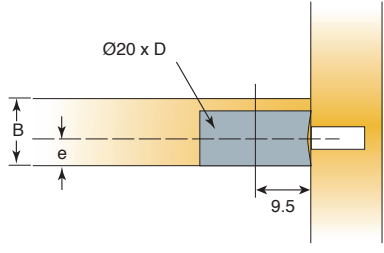
 Technical and mounting details				e	B	D	Item number	 Maple	 Brown	 Light grey	 Black	 White	 Silver	 Nickel plated
Side-entry     1250 Pcs Made of plastic	9.25	18/19	14	06395 →	841	898		835	877	861	Other colors on request			
Drop-on     1250 Pcs Made of plastic	7.75	15/16	12.5	06439 →	841	898	882	835	877		Other colors on request			
	9.25	18/19	14	06397 →	841	898	882	835	877	861	Other colors on request			
Drop-on    500 Pcs Made of zinc	7.75		12.5	06455 →							847			
	9.25		14	06457 →							847			

System 6

Wedgefix Housing

(no Inner Cam)

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

Technical and mounting details		B	D			
Panel thickness	Drilling depth	Item number	White	Black	Dark brown	
<p>For use with screw-in dowels</p>   	15/16	12.5	06473 →	877	835	898
	18/19	14	06465 →	877	835	898
<i>Other colors on request</i>						
<p>2500 Pcs</p> <p>Made of plastic</p>						
<p>For use with Quickfit dowels</p>  	15/16	12.5	06471 →	877	835	898
	18/19	14	06472 →	877	835	898
<i>Other colors on request</i>						
<p>2500 Pcs</p> <p>Made of plastic</p>						

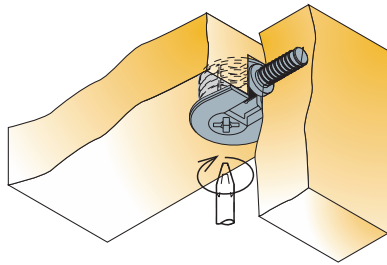
System 6

Flush 20mm Knock-in Housing Non-outrigger



For use with dedicated drill bit only.
See below.

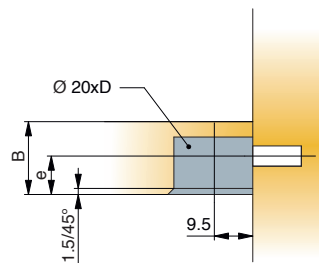
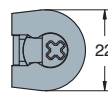
- A face-boring connector with the flush housing permits easy flat-pack transportation without panel damage
- Available for 19mm board thickness for drop-on and/or side-entry applications
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys6 screw-in and Quickfit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



Technical and mounting details

e	B	D	Item number	White plastic
---	---	---	-------------	---------------

Side-entry

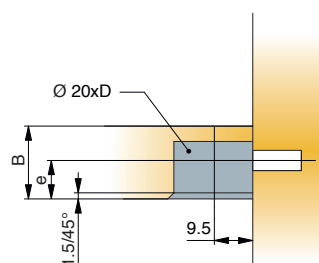
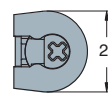


9.5	19	14.2	06343 →	877
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1000 Pcs

Housing made of plastic, cam made of zinc

Drop-on

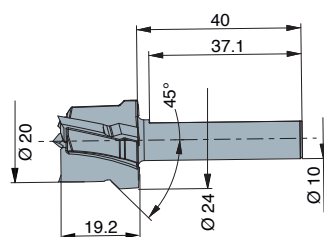


9.5	19	14.2	06348 →	877
-----	----	------	---------	-----

1000 Pcs

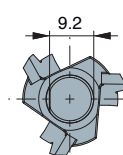
Housing made of plastic, cam made of zinc

Drill bit for Flush 20mm
Knock-in housing



right handed

left handed



			0435	
			0436	

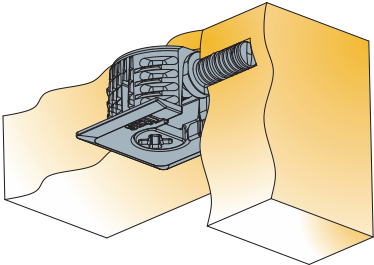


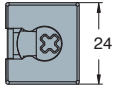
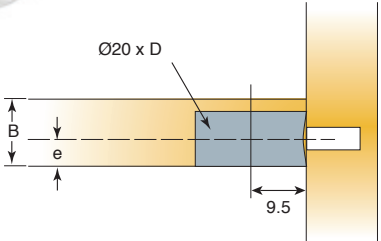




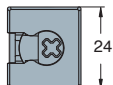
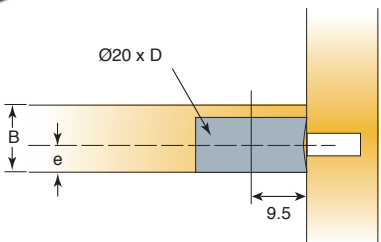

1 Pcs

Made of carbon steel

System 6.S

20mm Knock-in Housing

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

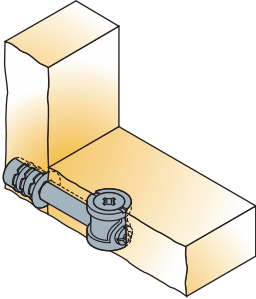

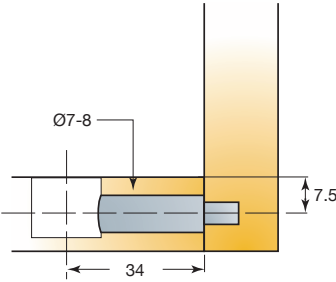

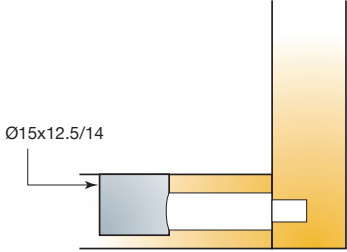

Technical and mounting details		e	B	D	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
	Side-entry 	7.75	15/16	12.5	006661 →	841	898	882	835	877	861	847
	  	9.25	18/19	14	006665 →	841	898	882	835	877	861	847
<p>Product available on American and Asian market only</p> <p>Other colors on request</p>												
 2500 Pcs Made of plastic												
	Drop-on 	7.75	15/16	12.5	006663 →	841	898	882	835	877	861	847
	  	9.25	18/19	14	006667 →	841	898	882	835	877	861	847
<p>Product available on American and Asian market only</p> <p>Other colors on request</p>												
 2500 Pcs Made of plastic												

System 7

High Strength Connectors

Contract Fix™ System

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

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

Cabinet Accessories

Adjustable Cabinet Legs

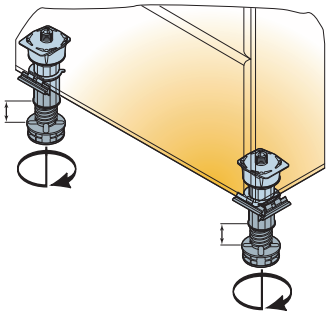

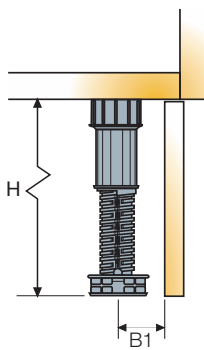


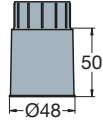


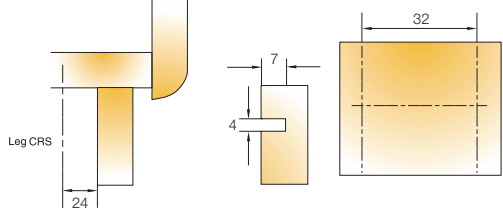
- Adjustable Legs
- Toe-kick clip

Adjustable legs

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

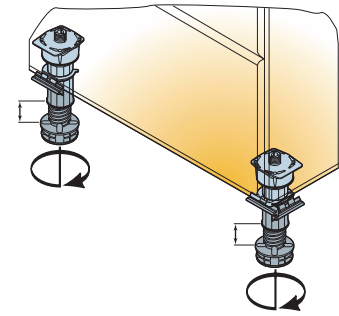
Toe-kick clip

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

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

Adjustable Cabinet Legs

Base Sockets



Technical and mounting details

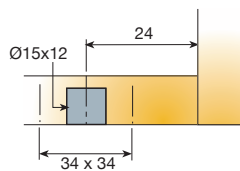
Socket 15mm (knock-in expansion) 

Item number

Black

02560 →

835



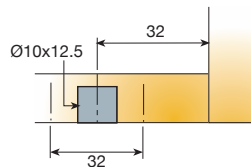
 400 Pcs

Made of plastic

Socket 10mm (knock in) 

02558 →

835



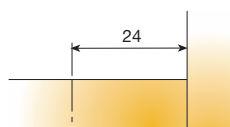
 400 Pcs

Made of plastic

Socket (screw mount) 

02559 →

835



 400 Pcs

Made of plastic


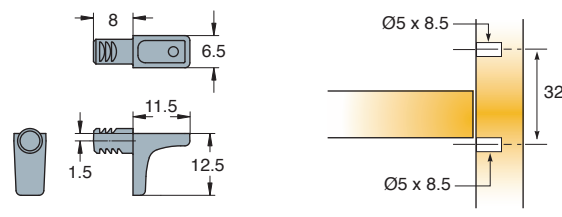

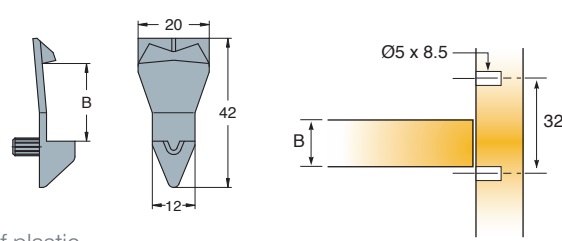


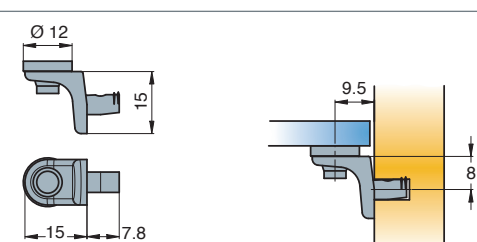

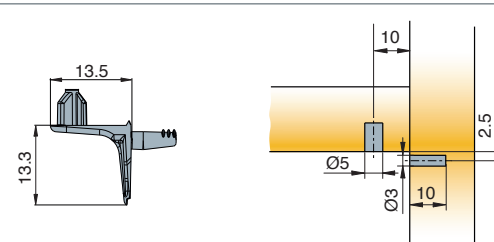
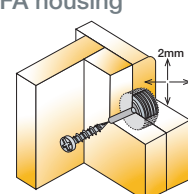
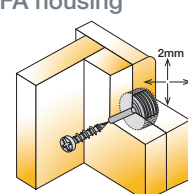



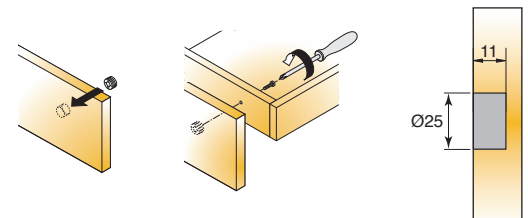
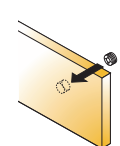
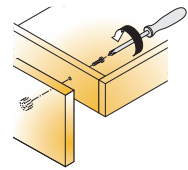
Shelf Supports Drawer Front Adjuster (DFA)

Shelf supports

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

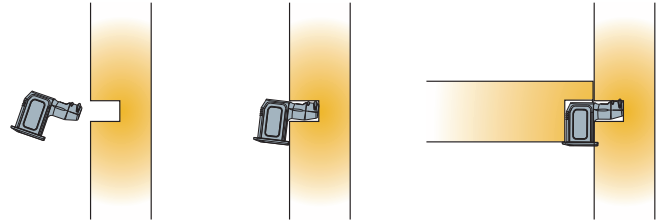
Drawer Front Adjuster

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

		B		Clear	Nickel	Dark brown
		Item number				
<p>Shelf support (push-in)</p>  <p>2000 Pcs Made of zinc</p> <p>Technical and mounting details</p> 		01825 →			847	
<p>Shelf support retainer</p>  <p>4000 Pcs Made of plastic</p> <p>Technical and mounting details</p> 		16	01838 →	830		
		19	01843 →	830		
<p>For glass shelves (rock-in)</p>  <p>1000 Pcs Made of zinc and plastic</p> <p>Technical and mounting details</p> 			338.9721 →		860	
<p>Shelf support Ø3mm with pin</p>  <p>5000 Pcs Made of zinc</p> <p>Technical and mounting details</p> 			01912 →		847	
<p>DFA housing</p>  <p>Adjustment range</p> <p>Technical and mounting details</p>  <p>Before</p>  <p>After</p> 						
 <p>2500 Pcs Made of zinc, plastic</p> <p>Technical and mounting details</p> 	 		06309 →			831
						<i>Note: M4 screw required for mounting, not included.</i>

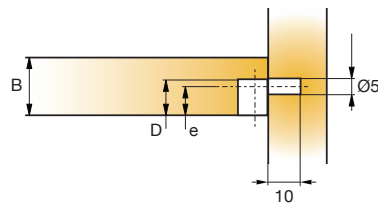
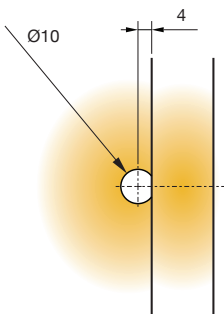
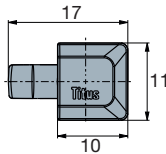
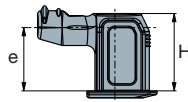
Shelf Q-Peg

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



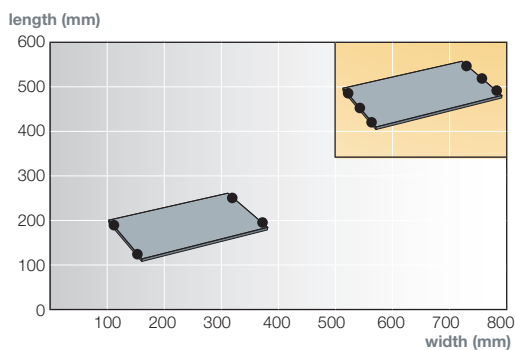
Technical and mounting details

Shelf Q-Peg Square



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

Capacity chart



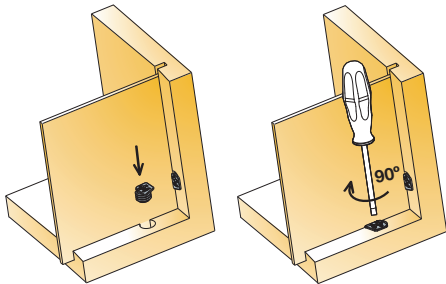
Recommended number of mounted pieces, 4 or 6 per shelf, is determined by its size in accordance with the EN 14749:2016

1000 Pcs

Made of zamak

Backfix Connector

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



Technical and mounting details

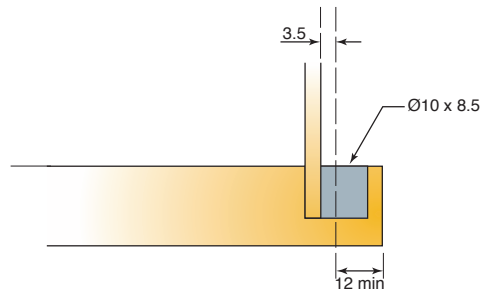
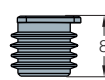
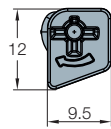
Backfix

Item number

Zinc

02254 →

885



 1000 Pcs

Made of zinc

