

Cabinet Connectors

Cabinet Connectors

Product Guide

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face boring expanding
connectors for all cabinet
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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

Connectors

Information

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.

$$\begin{array}{l} \text{T} \text{ Total quantity} \\ \text{of parts} \end{array} + \begin{array}{l} \text{A} \text{ Actions} \\ \text{to assemble} \end{array} \times \begin{array}{l} \text{N} \text{ Number of} \\ \text{types of parts} \end{array}$$

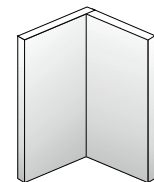
$$(T+A)N = CAF$$

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

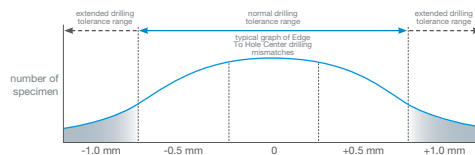
Cabinet Connectors

CAF Quick & Easy

Consumer Assembly Friendliness

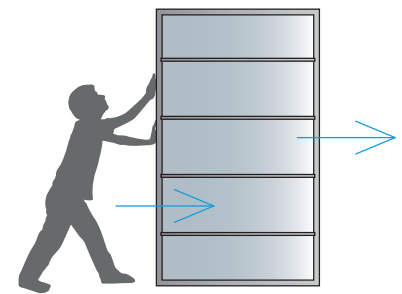
Consumer Assembly Friendliness - CAF principle

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



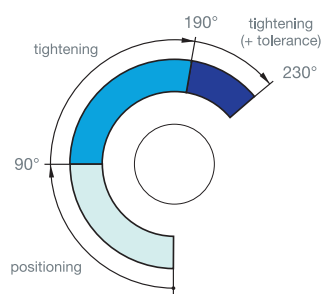
High drilling tolerances

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



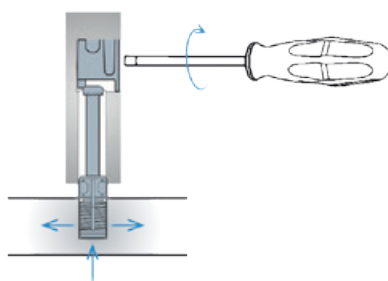
Strong and reliable joints

- 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



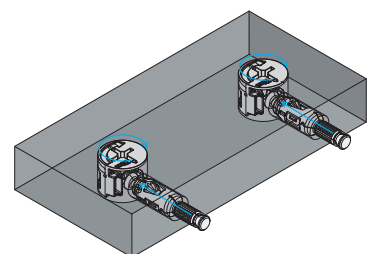
Reliable and comfortable locking

- 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

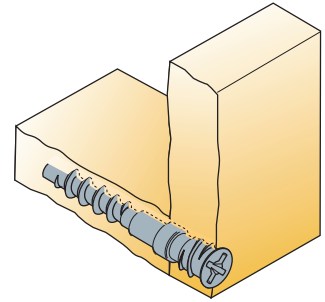
System 1

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

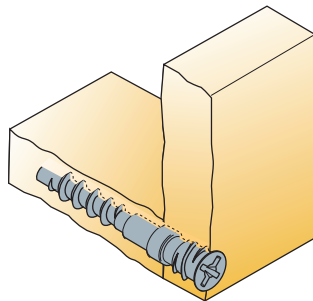


System 1

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 override)
- Increased support for vertical panel is gained from the funnel head with collar at its base
- One-piece fitting



Technical and mounting details

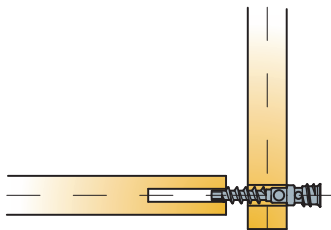
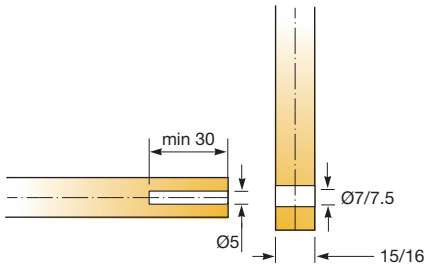
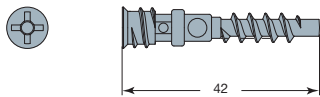
Item number

Zinc

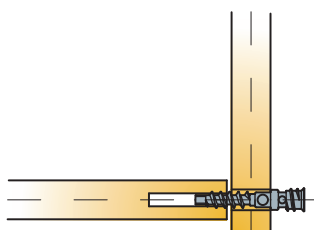
Screw 6x42

00180

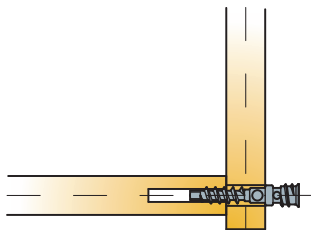
885



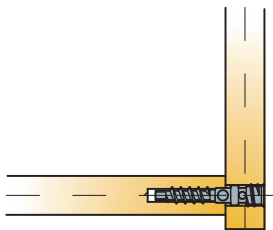
1. Insert screw to shoulder in face board



2. Screw into Ø5mm hole



3. Board joint pulled up by collar on screw



4. Board locked in place by screw

 1000 Pcs

Made of zinc

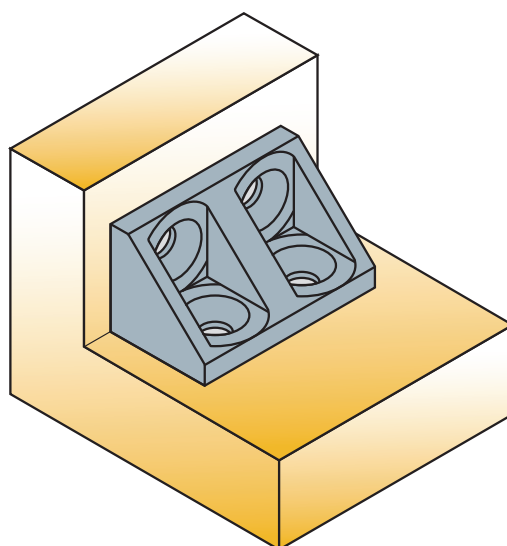
System 2

Fittings for Face-boring Applications

System Features

A family of face boring only fasteners with wide tolerances and the high clamping force of an angled screw.

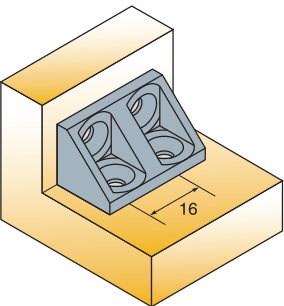
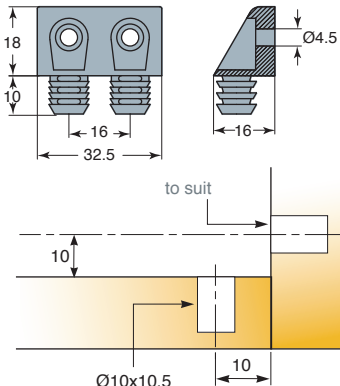
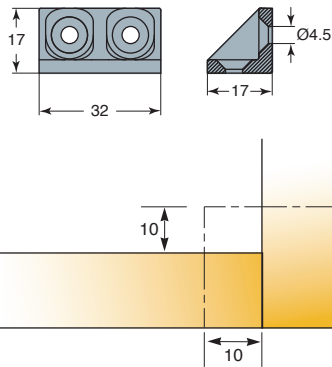
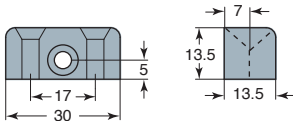
- Factory or site component installation
- Wide tolerances
- Face boring only
- For kitchen, furniture storage, office and store fixture applications
- Non twist rail fastener versions
- Screw fastening or hammer insertion



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	 	02075 →	831	867		877
 2000 Pcs	Made of plastic					
Housing (no nose)	 	02077 →			875	877
 2000 Pcs	Made of plastic					
Modesty block	 	*06073 →		867		877
		*European market only				
 1500 Pcs	Made of plastic					

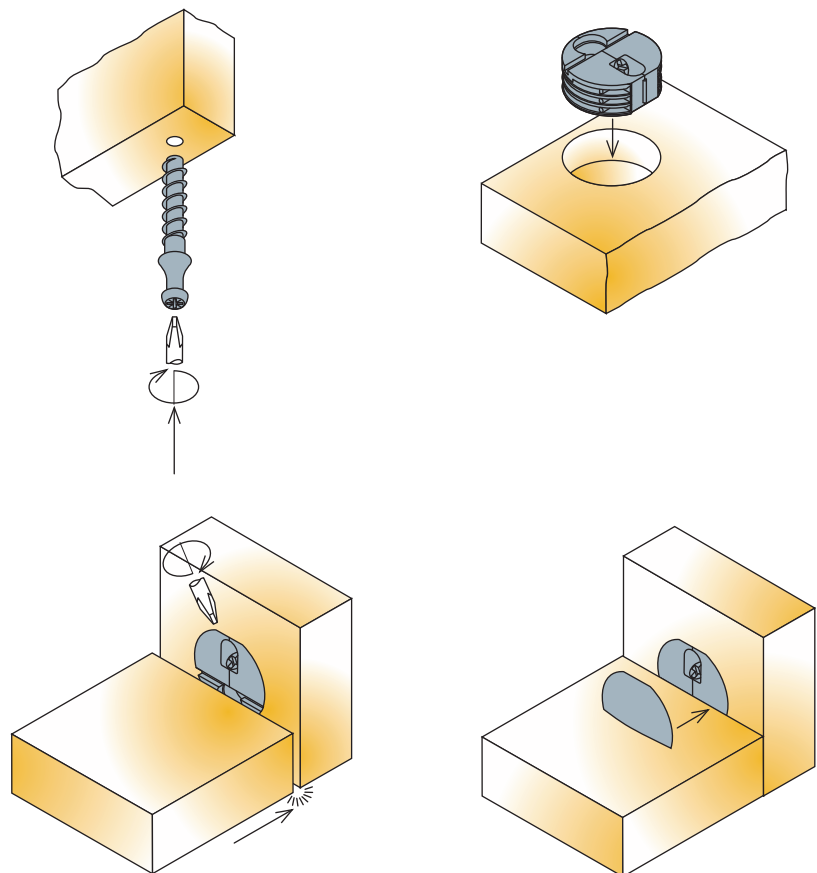
System 3

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

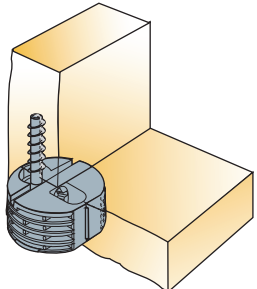
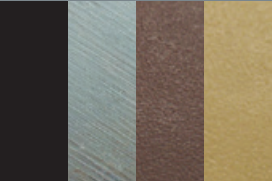
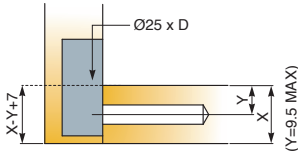
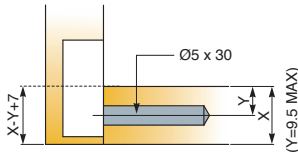
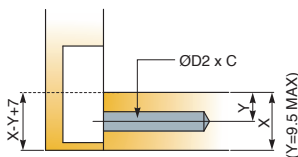


System 3

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	Item number					
		Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread		Black	Zinc plated	Dark brown	Yellow passivate	White
Housing assembly  X, Y - depends on board thickness   2500 Pcs Made of plastic or zinc, plastic			12.5		03118 →	835		831		877
		Other colours on request								
Screw dowel Ø5  X, Y - depends on board thickness   1000 Pcs Made of zamak		30		5	03168 →		883			
Screw dowel Ø3  X, Y - depends on board thickness   5000 Pcs (03180)  4000 Pcs (03181)  1000 Pcs (03090) Made of steel		11		3.75	03181 →				881	
		9		3	03180 →				881	
		25		3	*03090 →		883			
		*American market only								
Cover cap   15000 Pcs Made of plastic					03150 →	835				877

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

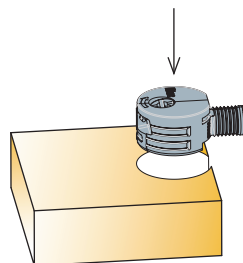
Quickloc™ One-piece connector

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

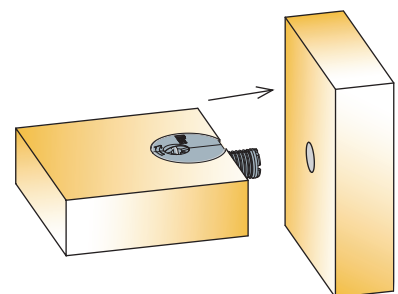
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

Quickloc™ Assembly

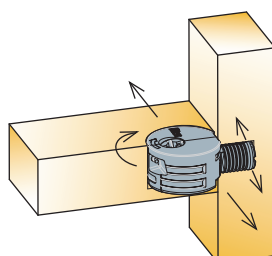
1. Press Quickloc into the face board



2. Assemble the panels



3. Tighten in less than one turn

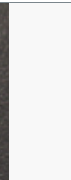
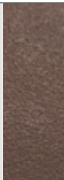
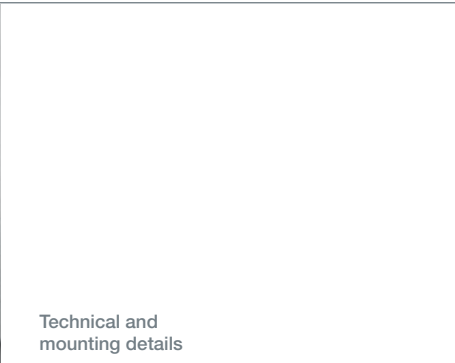
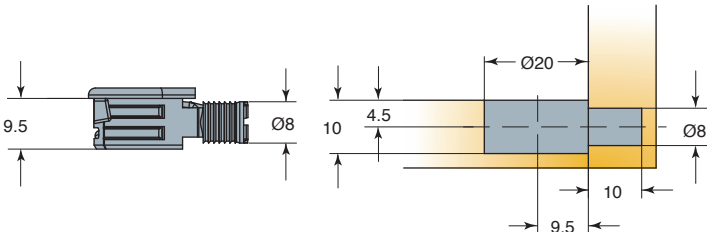
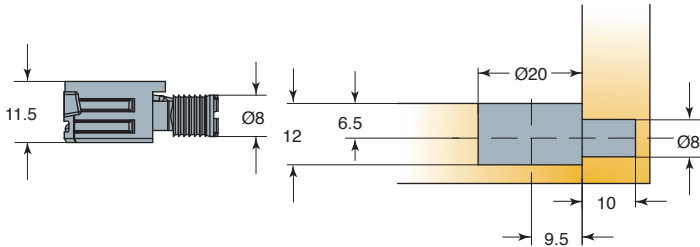
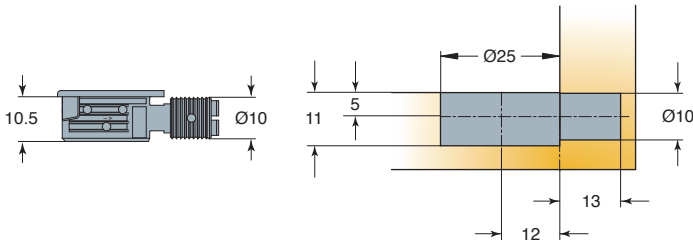
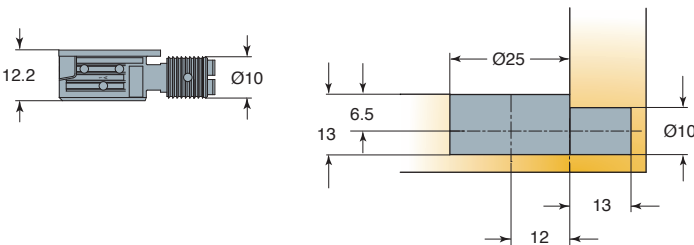


System 4

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

					
		Dark brown	Black	White	
		Item number			
Quickloc Ø20 flanged  		06803 →	831	835	877
 2500 Pcs Made of zinc, plastic					
Quickloc Ø20 flush  		06806 →	831	835	877
 2500 Pcs Made of zinc, plastic					
Quickloc Ø25 flanged  		06802 →	831	835	877
 1500 Pcs Made of zinc, plastic					
Quickloc Ø25 flush  		06839 →	831	835	877
 1500 Pcs Made of zinc, plastic					

System 4

Fittings for

Face-boring Only

Flushbloc™ / Flushfix™

- The Angledriv 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™ 		02161 →	806		861	877	
 2500 Pcs Made of plastic		Other colours on request					
Flushbloc™ with screw 		02193 →		835		877	
 2000 Pcs Made of zinc and plastic		Other colours on request					
Flushbloc™ assembly 		*02190 →		835		877	
 2500 Pcs Made of plastic		* American market only Other colours on request					
Angledrive screw for use with Flushfix™ 		round head 00021 →					885
 2000 Pcs Made of zinc		flat head 00022 →					885

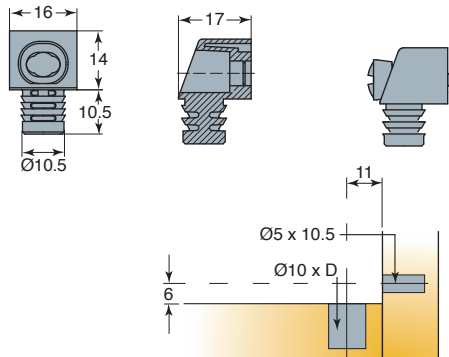
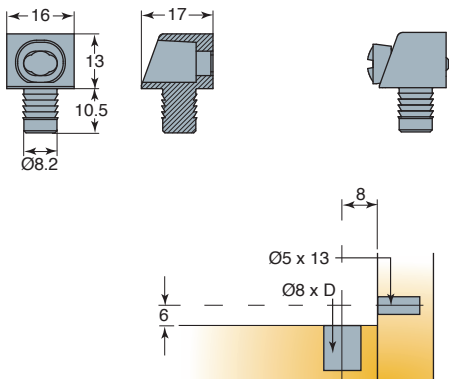
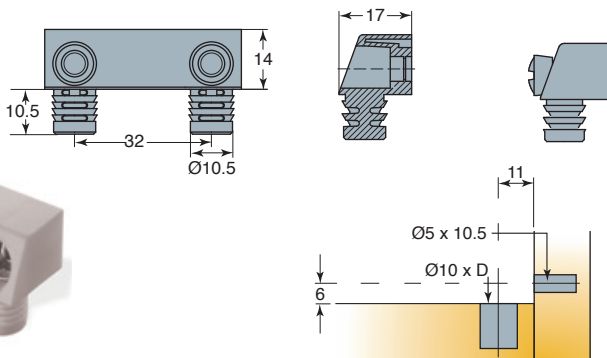
System 4

Fittings for

Face-boring Only

Minibloc™ / Twinbloc™

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

		D						
Technical and mounting details			Drilling depth	Item number	Dark brown	Black	Silver	White
Minibloc Ø10  2500 Pcs (02107) 3000 Pcs (02120) Made of zinc, plastic		11	02107 →	831	835	861	877	
		11	* 02120 →	831	835	861	877	
		* Assembly with screw Other colours on request						
Minibloc Ø8  3000 Pcs Made of zinc, plastic		11	02141 →		835	861	877	
		11	* 02144 →		835		877	
		* Assembly with screw * European market only Other colours on request						
Twinbloc Ø10  1000 Pcs Made of zinc, plastic		11	02130 →		835	861	877	
		11	* 02139 →		835		877	
		* Assembly with screw Other colours on request						

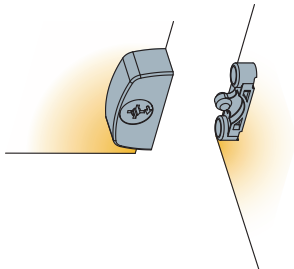
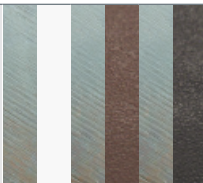
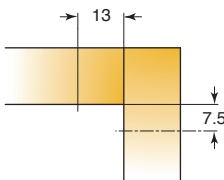
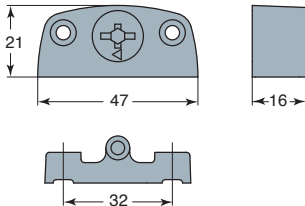
System 4

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
Screw-on  		279-9187 →	960	970	980

 1000 Pcs

Made of plastic, zinc cam

 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

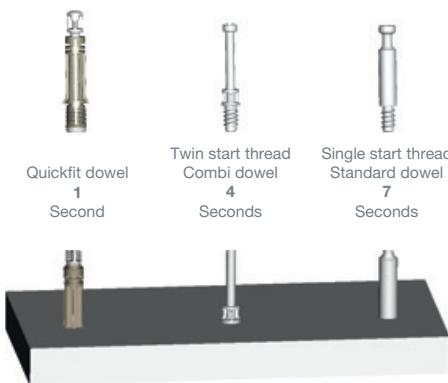
- **Quickfit dowels**
quick hand insertion, easy assembly
- **Diecast dowels (zinc)**
precise manufacturing, optimal shape and design
- **Turned dowels (steel)**
'traditional' design, smooth surface, best strength performance
- **Combi dowels (zinc and steel)**
high precision of zinc, strength of steel,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

Titus 'Klix'™

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

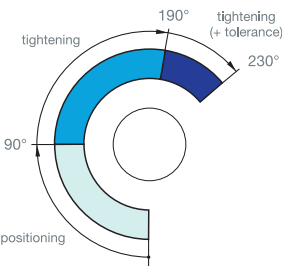
- vibration-proof joint
- rigid construction that will not loosen in service or transit

Dowel insertion time comparison



2 o'clock lock Smooth closing

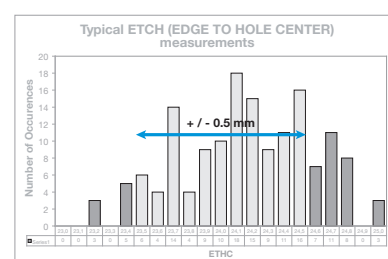
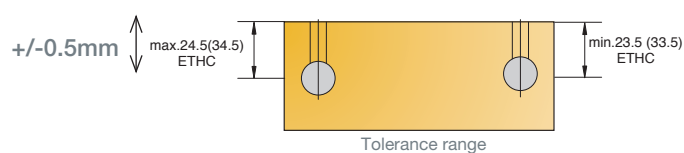
Linear cam profile assures smooth, firm tightening action and greater pull-up. The cam always locks at 2 o'clock lock (230°), enabling greater consumer confidence in use while improving furniture quality.



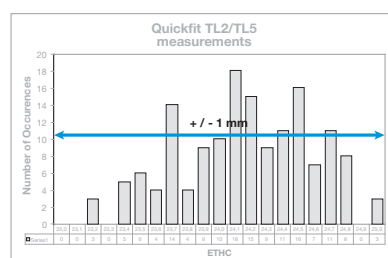
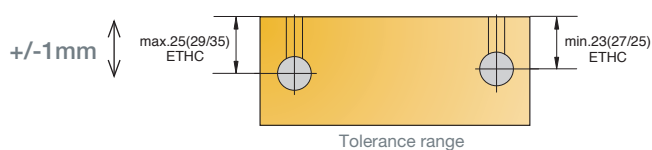
Drilling tolerances

Optimal performance and perfect joint even with inaccurate drillings.

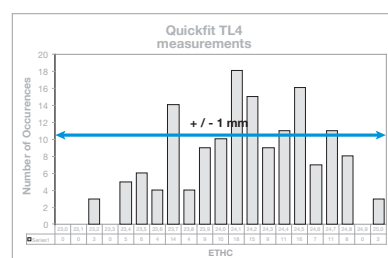
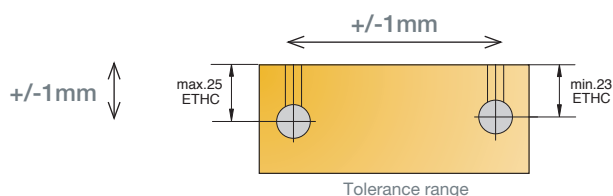
Zinc/Combi dowel



Quickfit TL5 dowel, Quickfit TL2 dowel



Quickfit TL4 dowel

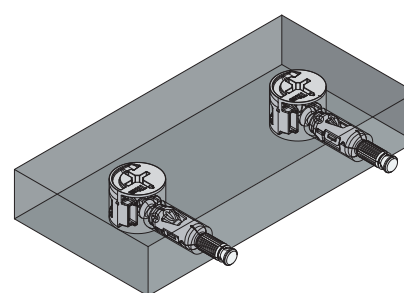


ETHC=Edge To Hole Center

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 ensure:

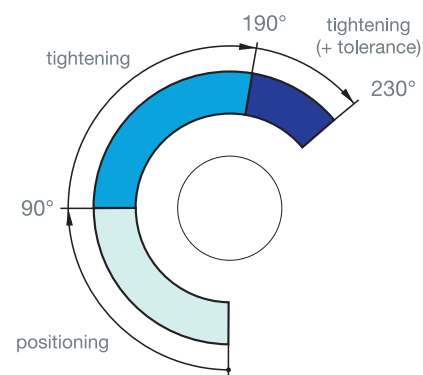
- The cam is held in position prior to assembly
- Secure cam positioning during transport and handling
- Accurate factory insertion



2 o'clock lock

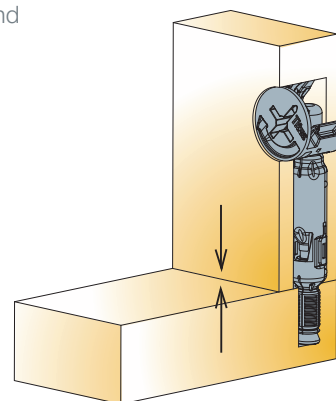
Smooth and noticeable locking at the 2 o'clock position guarantees:

- 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

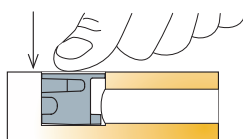
Quickfit Connectors

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.

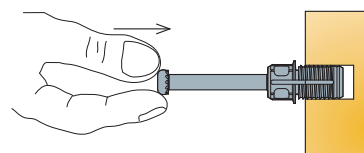
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lengths of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

Assembly

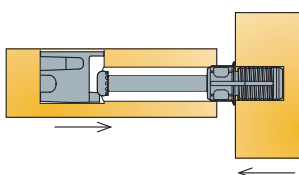
1. Press the cam into face board



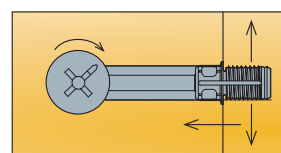
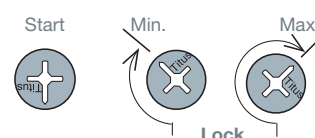
2. Insert the dowel into side panel



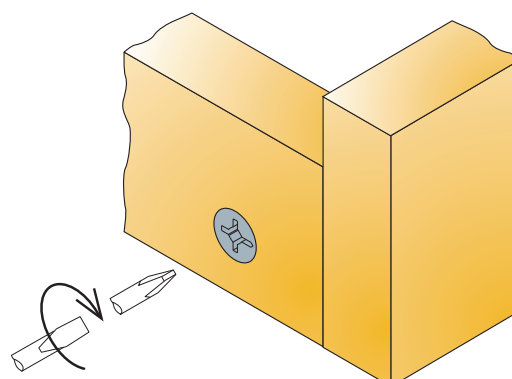
3. Assemble the panels



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.

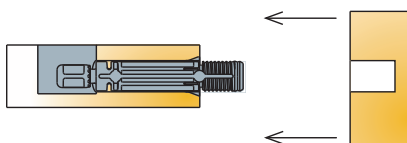
Quickfit-TL™ provides a tolerance of ± 1 mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

Assembly

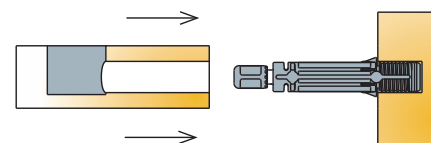
1. Press the cam into face board



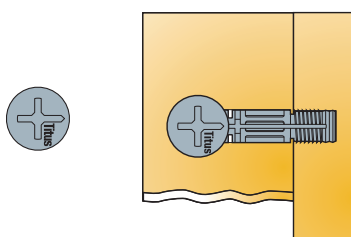
2a. Either push dowel into edge hole or...



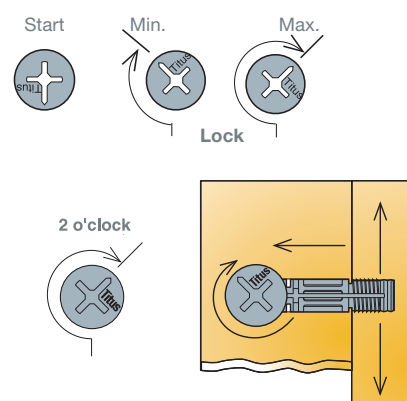
2b. Insert the dowel into side panel



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

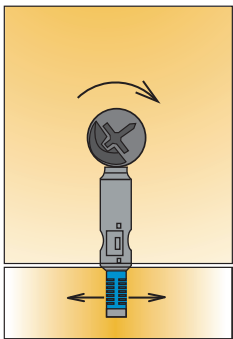
Smooth and noticeable locking at the 2 o'clock position guarantees:

- tight joints
- always-right tightening at home assembly
- strong and rigid cabinet construction



Strong and reliable joint

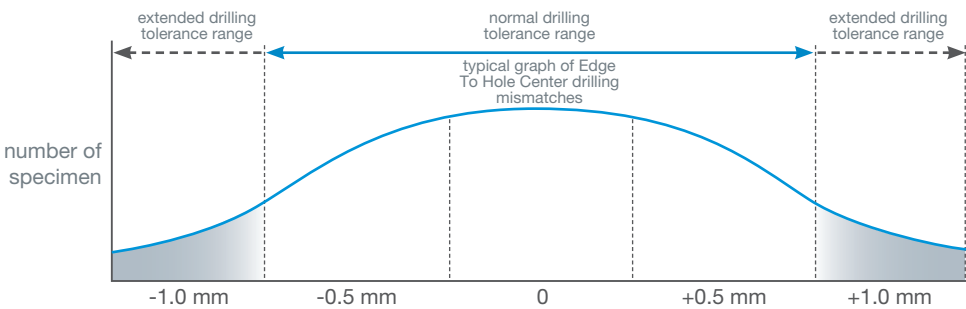
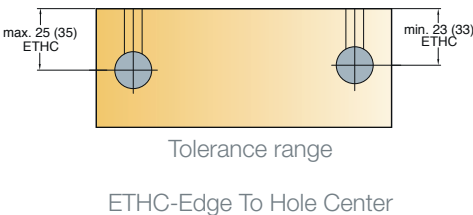
Expanding steel sleeve assures high resistance to torsion and pull-out.



High drilling tolerances

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

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



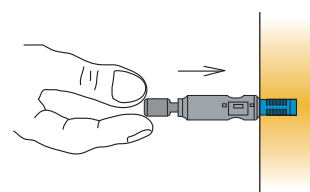
Shape of dowel sleeve

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



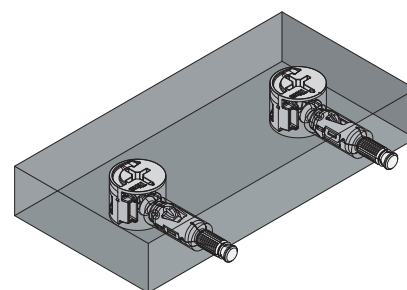
Tool-free insertion for Ø5mm dowel holes

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.

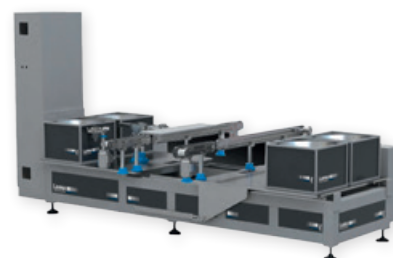


50% less time to assemble the cabinet at home

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

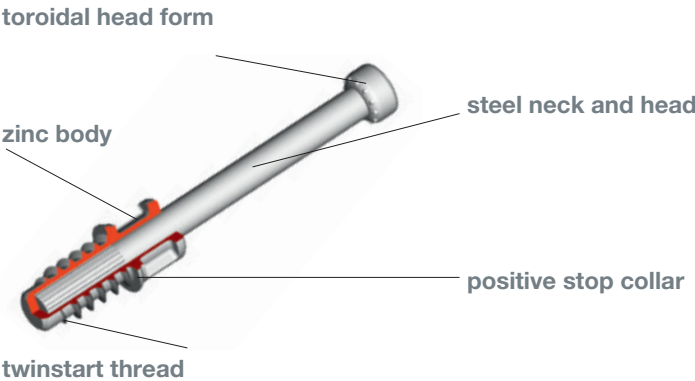
System 5

Cams and Dowels

Zinc+steel Combi Dowels

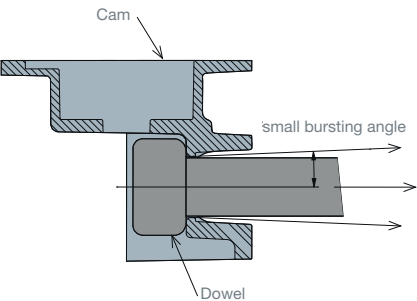
Zinc+steel
technology for
optimal strength
and performance

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.

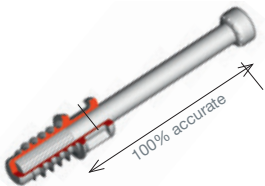


The **steel neck and head** provide better resistance to torsion and pull-out enabling a high performance joint

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



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



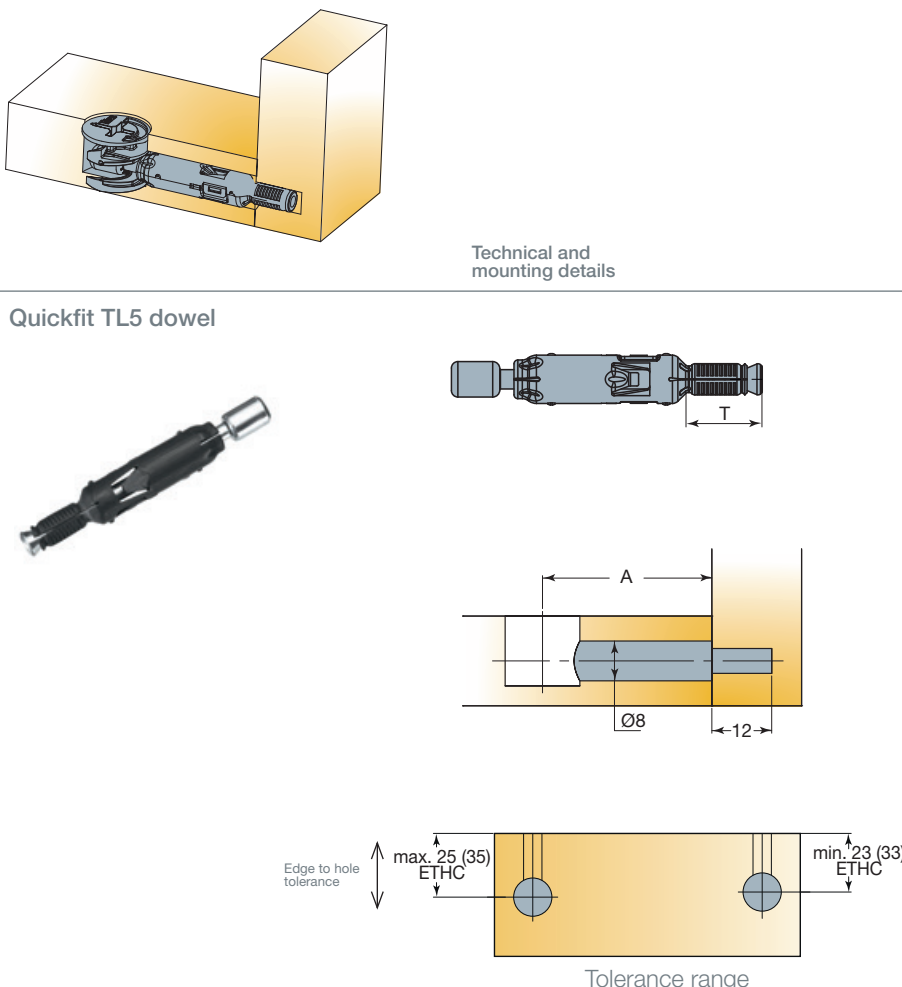
100% dimensional accuracy
assured

System 5

Cams and Dowels

Quickfit TL5 'Full Metal Jacket'

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

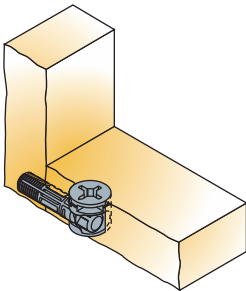
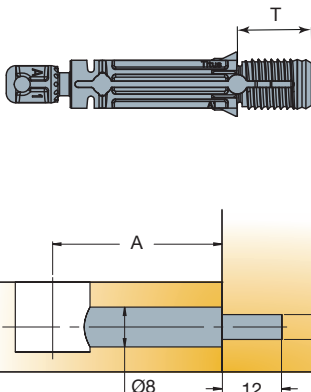
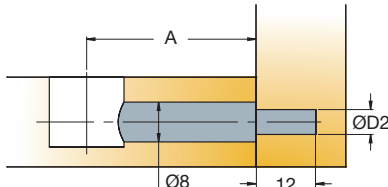
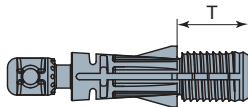
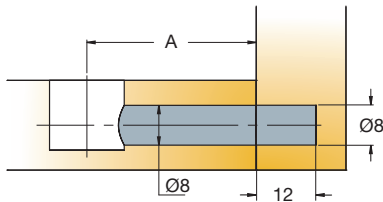
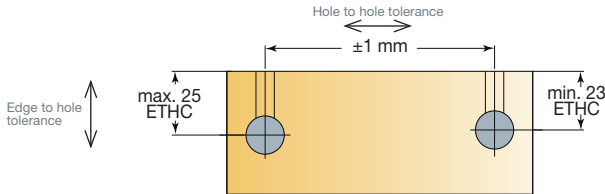
Technical and mounting details		A	T		
		Drilling distance	Thread length	Item number	TeraBlack
	Quickfit TL5 dowel	34	11.5	09652 →	956
		24	11.5	09651 →	956
i Suitable for Cam5000 only					
 1000 Pcs		Made of steel			

System 5

Cams and Dowels

Quickfit TL Dowels

- Available in Ø5mm and Ø8mm for panel-to-panel applications
- For use with all 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

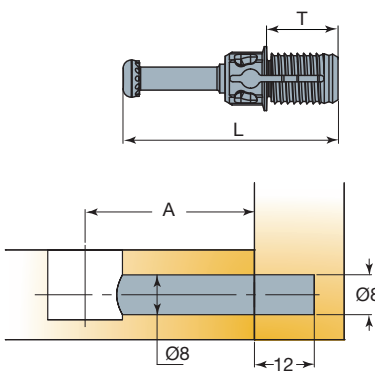
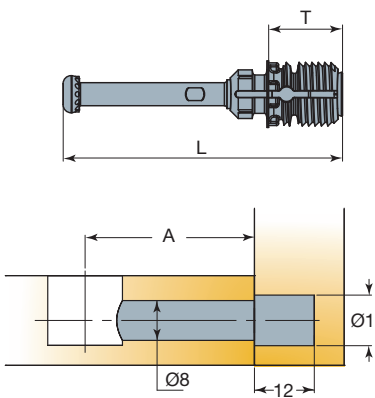
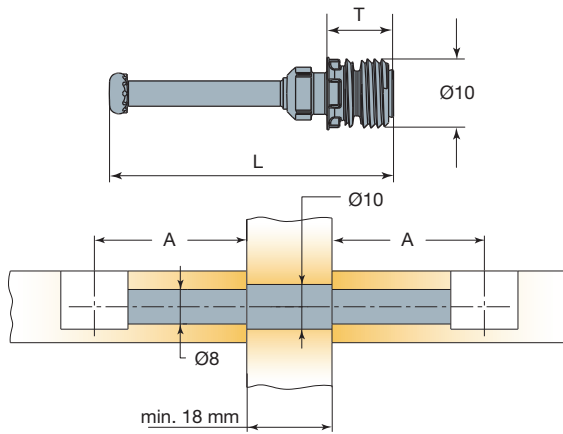
	Technical and mounting details				
Quickfit TL2					
 D2=Ø5mm					
 D2=Ø8mm					
 2000 Pcs 1000 Pcs (05474)	 Tolerance range				
	Made of zinc, plastic				
Quickfit TL4					
					
					
	 Tolerance range				
 3000 Pcs	Made of zinc, plastic				

System 5

Cams and Dowels

Quickfit Dowels

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

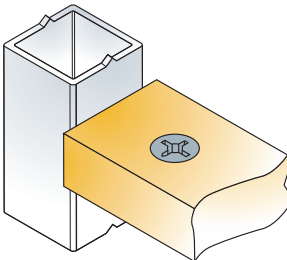
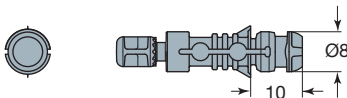
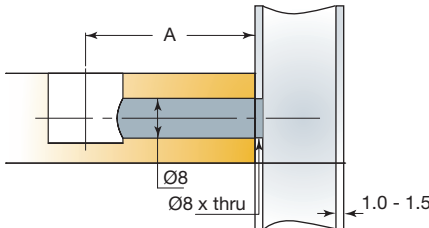
Technical and mounting details		A	T	L	Item number	Dark grey
		Drilling distance	Thread length	Total length		
Quickfit dowel Ø8mm 		20	11.2	29.5	05556 →	880
		24	11.2	33.5	05563 →	880
		28	11.2	37.5	05552 →	880
		34	11.2	43.5	05554 →	880
 1000 Pcs (05556,05552)  2000 Pcs (05563, 05554)	Made of zinc, plastic					
Quickfit dowel Ø10mm 		24	11.2	33	05052 →	880
		34	11.2	43	05050 →	880
 2000 Pcs	Made of zinc, plastic					
Quickfit dowel For back-to-back application Ø10mm 		24	9	30.5	05270 →	880
		34	9	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
- For use with all Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint

	A	Drilling distance	Item number	Black
Technical and mounting details				
Quickfit P2F	24	05414 →	835	
  				

2000 Pcs

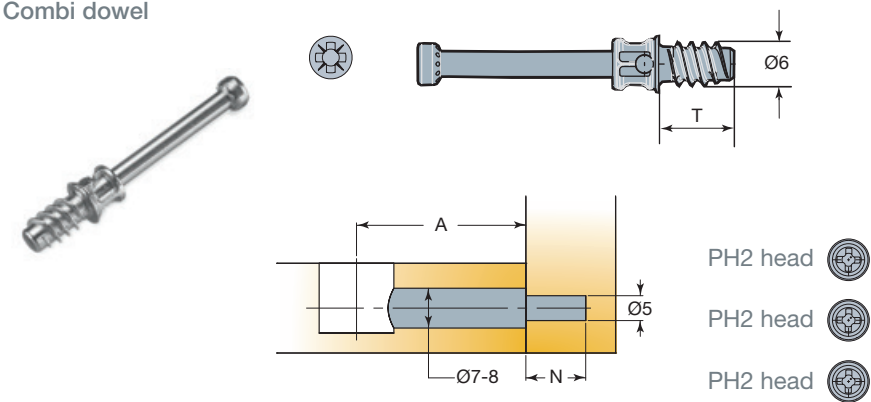
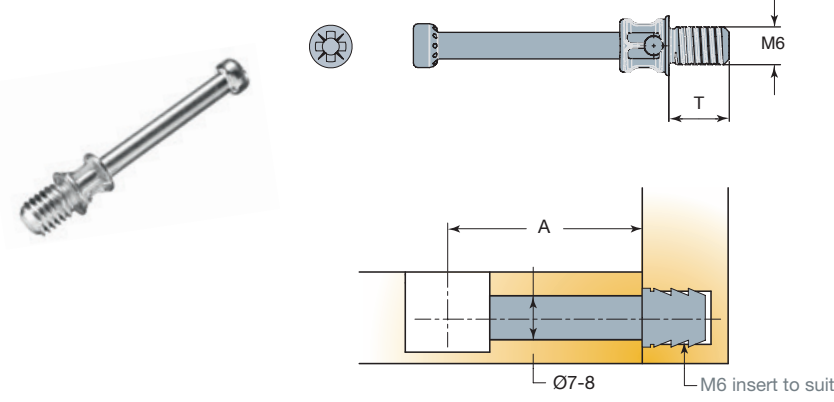
Made of zinc, plastic

System 5

Cams and Dowels

Combi Dowel

- High quality zinc-steel dowel with greater resistance to torsion and pull-out
- For use with all 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		A	N	T		
		Drilling distance	Drilling depth	Thread length	Item number	Zinc
Combi dowel  1000 Pcs *2000 Pcs Made of steel and zinc		34	12	11	09435 →	885
		28	10	9.5	09588 →	885
		24	12	11	09443 →	885
		24	9	8.5	09583 →	885
		34	12	11	*09424 →	885
		24	12	11	*09423 →	885
		34	9	8.5	*09456 →	885
		*American market only				
Combi dowel M6  1000 Pcs Made of steel and zinc		34		8	09592 →	885
		34		10.5	09594 →	885



→ see page 1.70



→ see page 1.70

System 5

Cams and Dowels

Combi Dowel

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

				L	A		
Technical and mounting details				Total length	Drilling distance	Item number	Zinc
Combi dowel Full body PZ2 head				34.5	24	09597 →	885

1000 Pcs

Made of steel and zinc

Inserts
Made of plastic

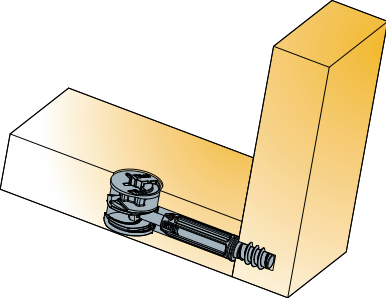
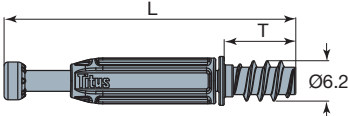
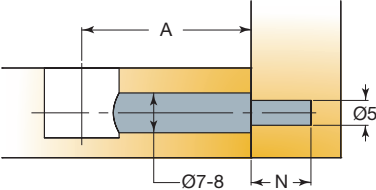
→ see page 1.70

System 5

Cams and Dowels

Combi-P Dowel

- Full body assures a strong joint highly resistant to torsion and pull-out, even in low density chipboard
- Accurate insertion with positive stop

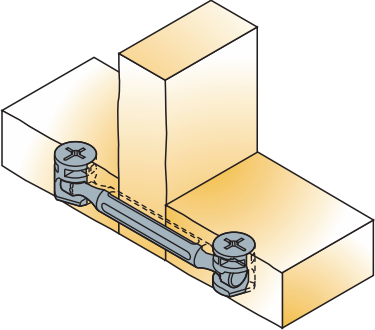
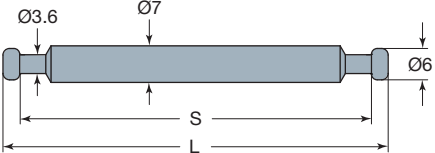
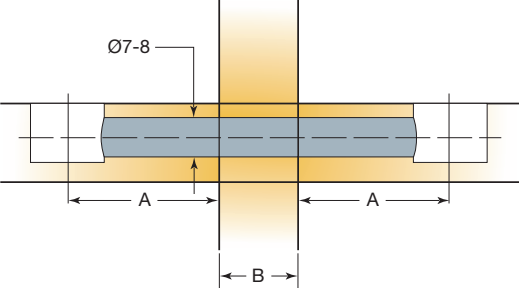
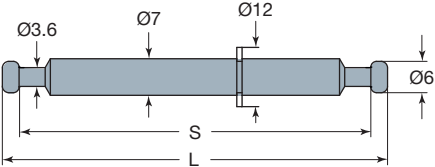
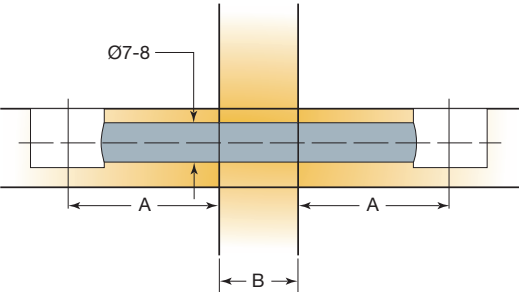
 Technical and mounting details		A	N	T	L		
		Drilling distance	Drilling depth	Thread length	Total Length	Item number	Zinc plated
Combi-P Dowel  PH2 head   PZ2 head  		34	12	11	44.8	05072 →	883
		24	12	11	34.8	05073 →	883
		24	9	8.5	32.3	05087 →	883
		34	12	11	44.8	05078 →	883
		24	12	11	34.8	05079 →	883
 1000 Pcs		Made of zinc and plastic					

System 5

Cams and Dowels

Double-ended Dowel

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

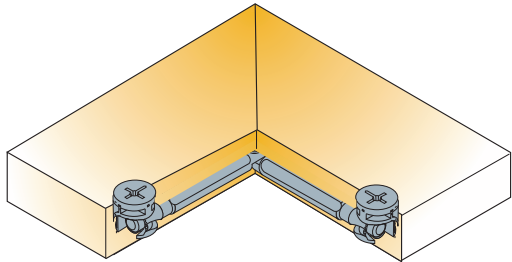
 Technical and mounting details		S	L	A	B		
		Length	Total length	Drilling distance	Panel thickness	Item number	Zinc plated
Dowel without circlip     250 Pcs (05753) 500 Pcs (05857) 1000 Pcs (05929) Made of steel		41	47.4	24	0*	05929 →	883
		61	67.4	34	0*	05757 →	883
		77	83.4	34	16	05858 →	883
		79	85.4	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					
		77	83.4	34	16	05752 →	883
		79	85.4	34	18	05772 →	883
		80	86.4	34	19	05751 →	883
Dowel with circlip     250 Pcs 500 Pcs (05775, 05774) Made of steel		57	63.4	24	16	05775 →	883
		60	66.4	24	19	05774 →	883

System 5

Cams and Dowels

Angled Dowels

- For applications requiring angled joints
- For use with all Cam3000 S and Cam5000
- Adjustable angle from 90° to 180°



Technical and mounting details

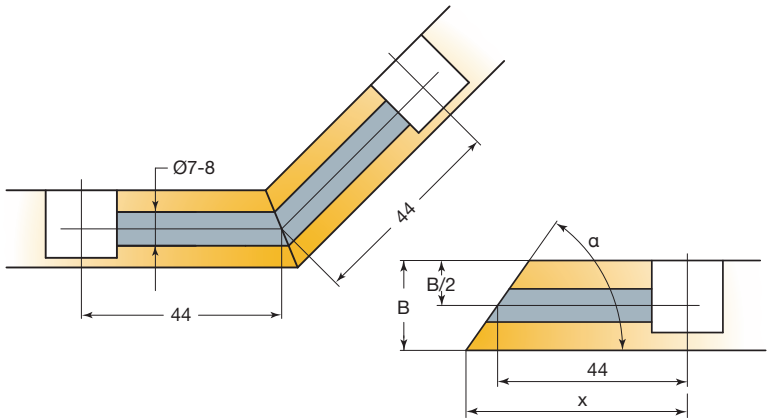
Item number

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														



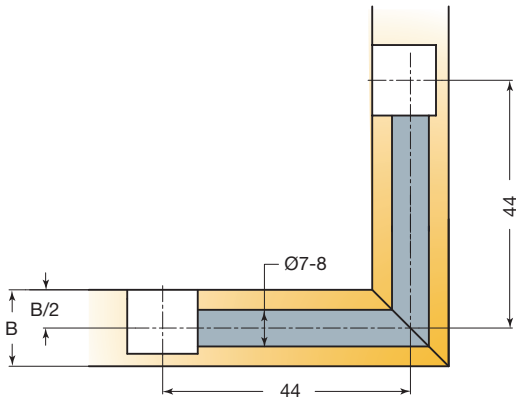
250 Pcs

Made of steel

Angled dowel
90° fixed

05282 →

883



1000 Pcs

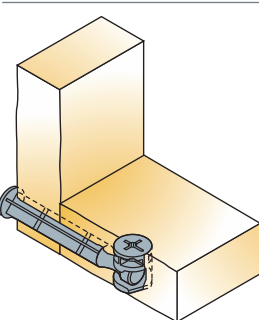
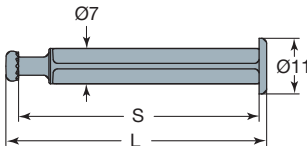
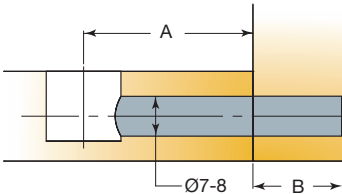
Made of steel

System 5

Cams and Dowels

End Dowels

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

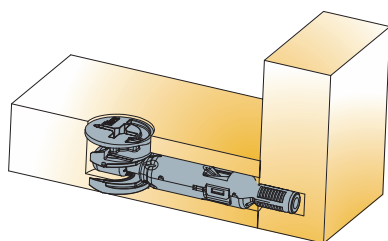
	Technical and mounting details				
Mushroom dowel					
	A	B	S	L	
	Drilling distance	Panel thickness	Length	Total length	Item number
	24	16	36.5	40.5	05608 → 885
	24	19	39.5	43.5	05609 → 885
	34	16	46.5	50.5	05610 → 885
	34	19	49.5	53.5	05611 → 885
	24	12	32.6	37.3	05010 → 885

System 5

Cams and Dowels

Cam5000 Ø15mm

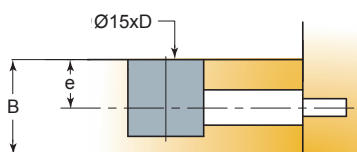
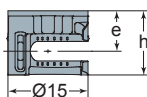
- Improved central shape for highly resistant joint
- For use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam retaining pips ensure that a cam is held in panel position prior to assembly



Technical and mounting details

Cam5000
cross drive

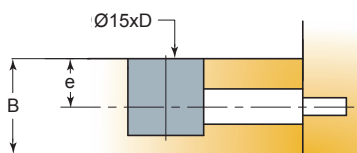
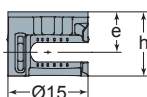
PZ2 drive



Made of zinc

Cam5000
hexagonal drive

Combined drive
with HEX



Made of zinc



Cover caps for Ø15 cams
Made of plastic

→ see page 1.44

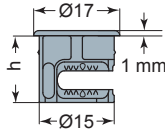
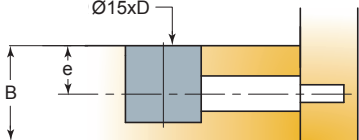
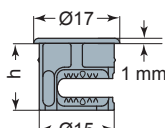
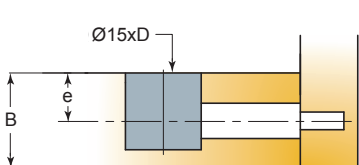
B	D	e	h			
Panel thickness	Drilling depth	Drilling for dowel	Cam height	Item number	Zinc	Noir
12/13	10.5	6 min	9.9	09695 →	885	959
15/16	12.5	7.5-8	11.9	09690 →	885	959
15/16	12.5	7.5-8	11.9	09699 →	885	
18/19	14	9-9.5	13.2	09692 →	885	959
22/23	16	11-11.5	15.2	09332 →	885	
25/26	18	12.5-13	16.7	09335 →	885	
28/29	19.5	14-14.5	18.2	09336 →	885	959
Noir available upon request						

System 5

Cams and Dowels

Cam5000 Ø15mm

- Improved central shape for highly resistant joint
- 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

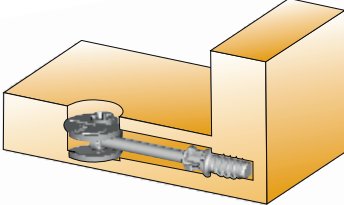
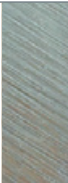
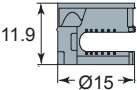
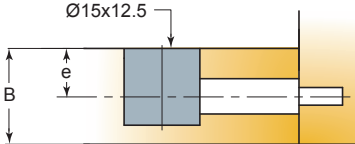
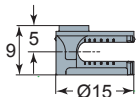
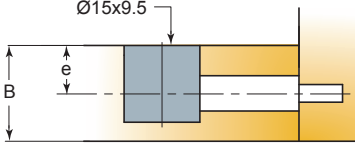
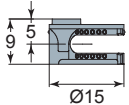
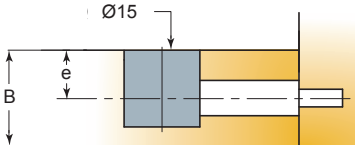
Technical and mounting details		B	D	e	h			
		Panel thickness	Drilling depth	Drilling for dowel	Cam height	Item number	Nickel	Zinc
Cam5000 headed cross drive 		12	10min	6	9.9	09330 →		885
  		Noir available upon request						
 1000 Pcs Made of zinc								
Cam5000 headed hexagonal drive 		16	13	8	12.4	09333 →	847	885
		19	14.5	9.5	13.9	09334 →	847	885
		29	19.5	14.5	18.9	09337 →		885
  		Noir available upon request						
 1000 Pcs  500 Pcs (9337) Made of zinc								

System 5

Cams and Dowels

Cam3000S Ø15mm

- Innovative design offers optimal performance with maximum cost effectiveness
- 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

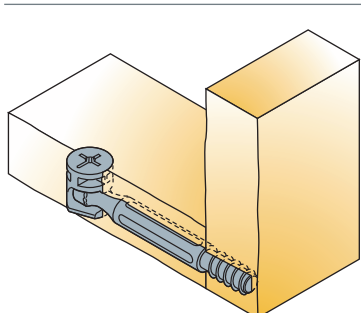
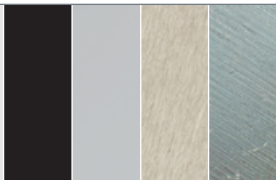
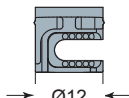
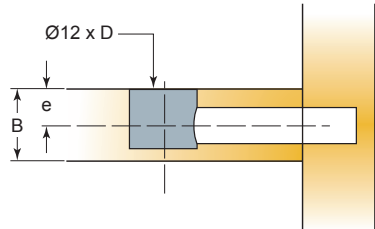
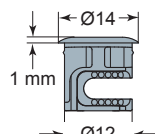
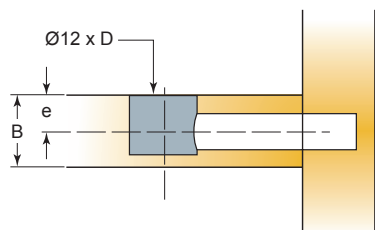
 Technical and mounting details		B	e	Item number		
		Panel thickness	Drilling for dowel			
Cam3000 S/15     1000 Pcs Made of zinc	PZ2 drive 	15/16	7.5/8	09491 →	885	897
Cam3000 S/12     2000 Pcs Made of zinc	PZ2 drive 	12 min	min 6	*09406 →	885	897
* European market only						
Cam3000 S/12     1000 Pcs Made of zinc	Philips PH2 drive 	12 min	min 6	*09631 →	885	
* American market only						
  Cover caps 09630 Made of plastic						

System 5

Cams and Dowels

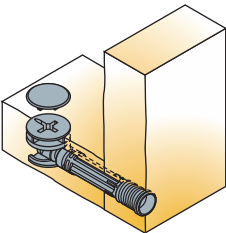
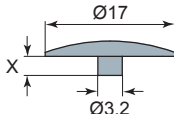
Cam2000S Ø12mm

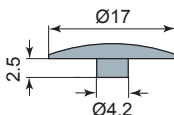
- For all Titus screw-in dowels
- Available in a variety of head, drive recess and board thickness versions to suit most applications
- Particularly suited to drawer front attachment applications
- ‘Klix’ locking feature provides a strong, vibration proof joint

 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 Ø12mm     2000 Pcs Made of zinc	PZ2 drive 	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 i Not suitable for Quickfit TL5 dowels												
Cam2000 Ø12mm headed     1000 Pcs 2000 Pcs (05576) Made of zinc				PZ2 drive 	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 i Not suitable for Quickfit dowels												

System 5 Cover Caps

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

		X					
Technical and mounting details		Pin length	Item number	Dark brown	Black	Light brown	Light grey
Cover cap Ø17mm		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 Ø17mm			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
 - 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

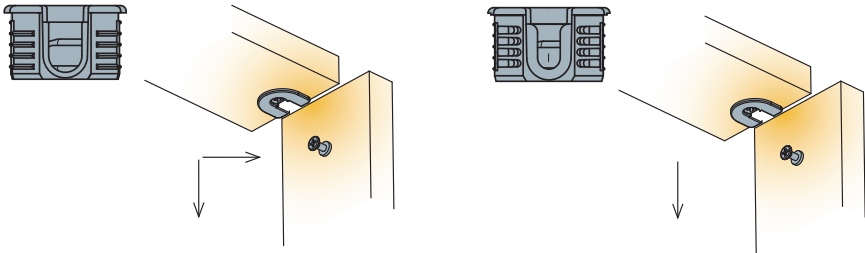
Titus System 6 is ideal for use in high volume production of case goods, closet and garage storage systems. Because no

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

Side-entry
Drop-on

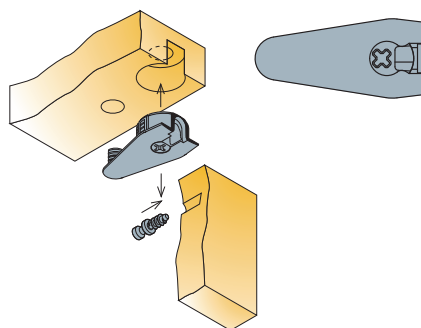
Side-entry insertion of shelf panel: from the side or from the top

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

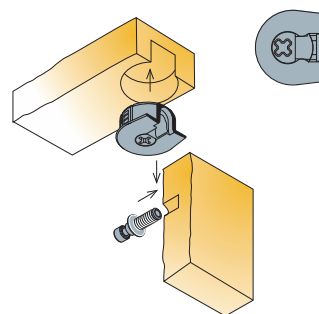


Outrigger/ Non outrigger

Outrigger

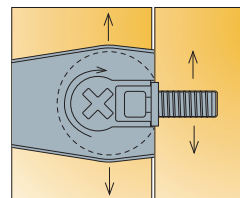
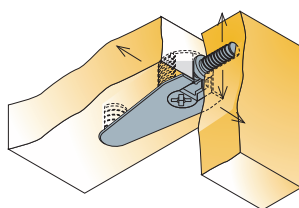


Non outrigger



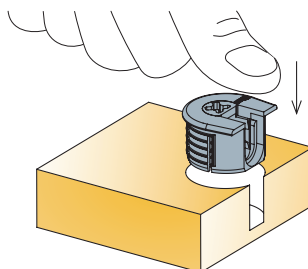
Expando function

Expanding housings and dowels provide a tight joint.

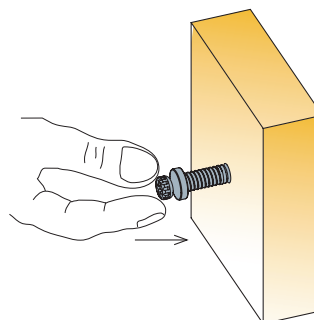


Assembly

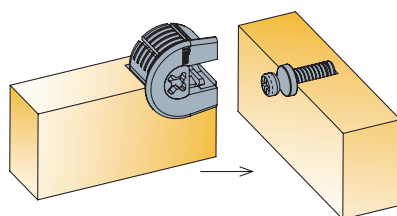
1. Press the housing into face board



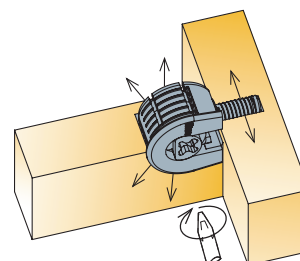
2. Press the dowel into side panel



3. Assemble the panels



4. Tighten the joint



System 6

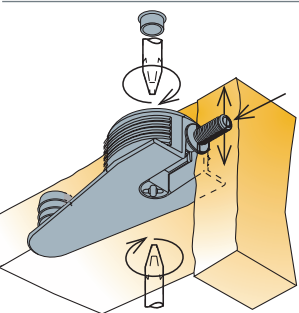
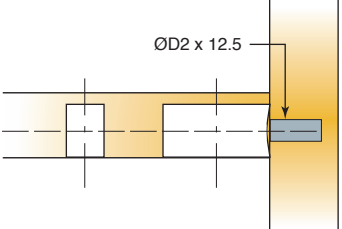
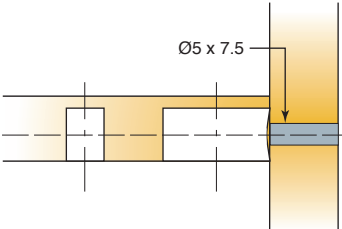
Quickfit-Expando

Expanding Dowels

i

Not suitable for System 6.2

- Available in Ø5mm, Ø8mm for panel-to-panel, and back-to-back applications
- 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

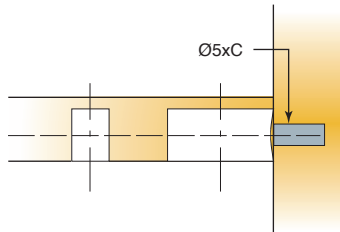
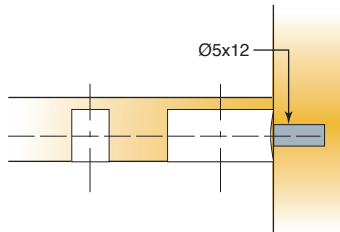
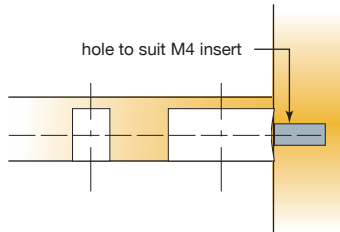
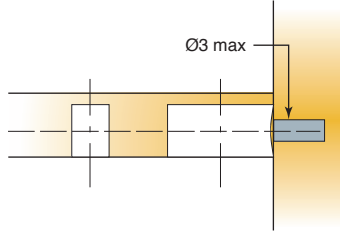
 Technical and mounting details	D2		
	Drilling diameter for dowel thread	Item number	Dark grey
	Dowel	506408 →	880
 D2= Ø5mm  D2= Ø8mm  ØD2 x 12.5  5000 Pcs Made of zinc, plastic	5	06408 →	880
	8	06410 →	880
Dowel Ø5 x 7.5 back-to-back applications   Ø5 x 7.5  5000 Pcs Made of zinc, plastic	5	06479 →	880

System 6

Quickfit-Expando

Dowels

- Available in various Ø3mm and/or Ø5mm thread forms for screw-in, knock-in and/or 'spiked' hole applications
- 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	
  2000 Pcs Made of zinc or steel			8	06402 →	885	883
			11.5	06406 →	885	883
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

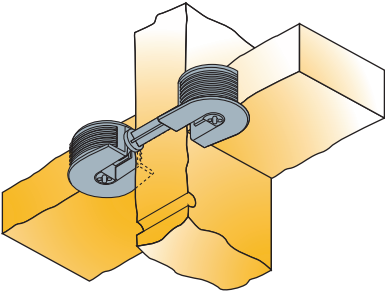
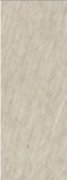
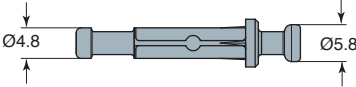
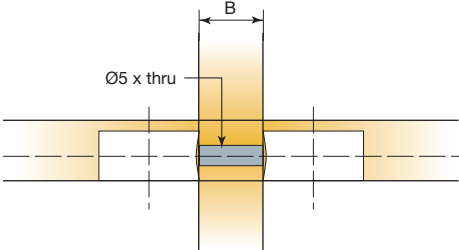
→ see page 1.70

System 6

Quickfit-Expando

Double-ended Dowels

- For 16mm, 18mm and 19mm board
- 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					16	06414 →	885
						18	06413 →	885
						19	06416 →	885

 2500 Pcs

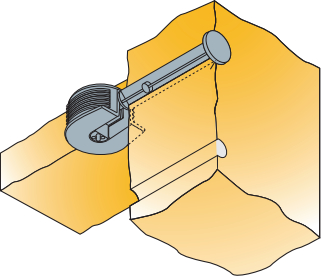
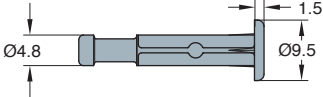
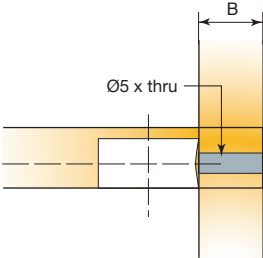
Made of zinc

System 6

Quickfit-Expando

End Dowels

- For 16mm, 18mm and 19mm board
- 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
End dowel   	16	06412 →	885
	18	06411 →	885
	19	06415 →	885

 2000 Pcs
1000 Pcs (06411)

Made of zinc

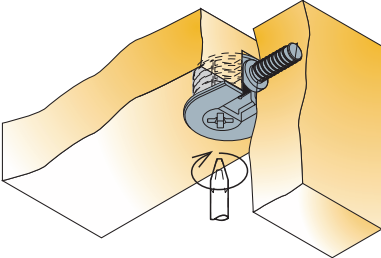
System 6

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				Dark brown plastic Nickel plated Silver plastic White plastic			
e	B	D	Item number				
Panel thickness	Drilling depth						
7.75	15/16	12.5	06451 →		847		
9.25	18/19	14	06453 →		847		
7.75	15/16	12.5	06435 →	831		861	877
9.25	18/19	14	06437 →	831		861	877
Other colours on request							
7.75	15/16	12.5	06447 →		847		
9.25	18/19	14	06449 →		847		
7.75	15/16	12.5	06431 →	831		861	877
9.25	18/19	14	06433 →	831		861	877
Other colours on request							

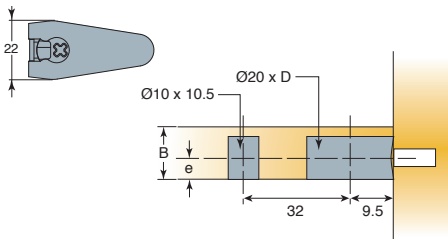
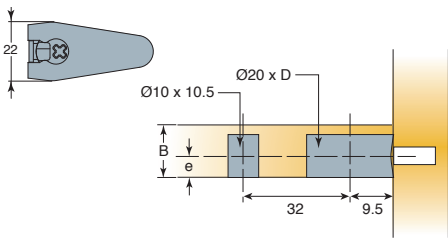
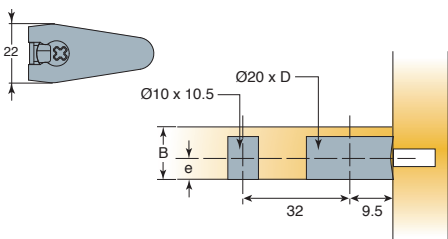
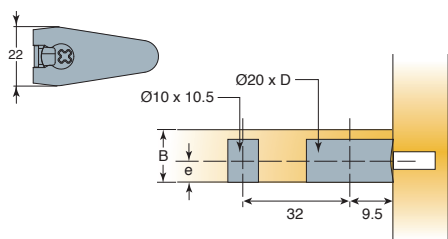
System 6

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

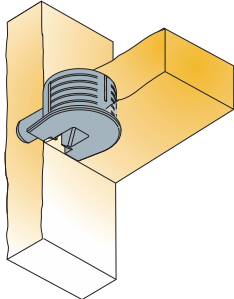
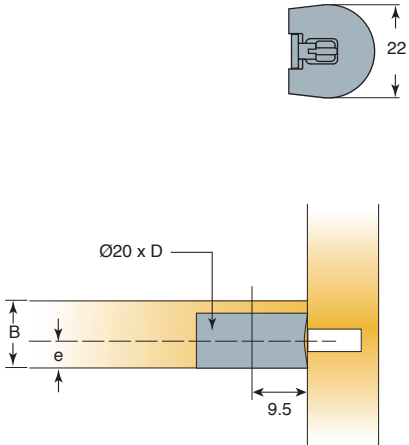
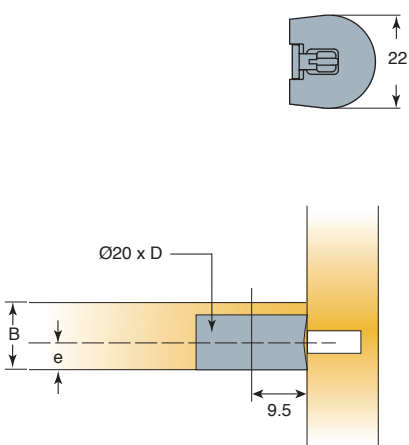
Technical and mounting details		e	B	D	Item number	Dark brown plastic Black plastic Nickel plated White plastic			
Side-entry	 500 Pcs Made of zinc	7.75	15/16	12.5	06459 →			847	
		9.25	18/19	14	06461 →			847	
Side-entry	 1250 Pcs Made of plastic	7.75	15/16	12.5	06443 →				877
		9.25	18/19	14	06445 →	831	835		877
		9.25	18/19	14	*06395 →		835		877
Other colours on request *American market only									
Drop-on	 500 Pcs Made of zinc	7.75	15/16	12.5	06455 →			847	
		9.25	18/19	14	06457 →			847	
Drop-on	 1250 Pcs Made of plastic	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									

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

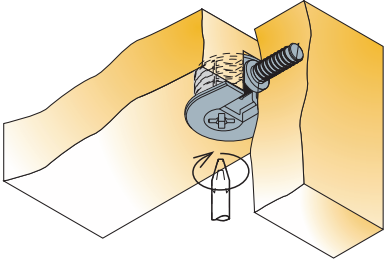
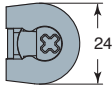
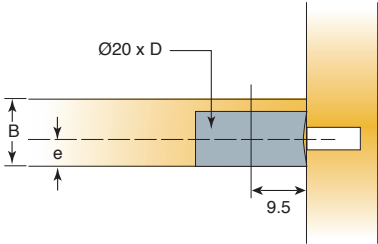
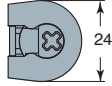
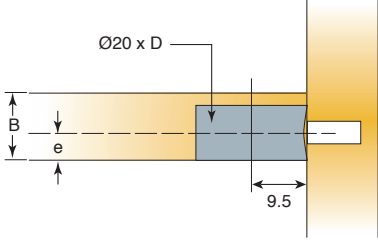
 Technical and mounting details	e	B	D					
For use with screw-in dowels   2500 Pcs Made of plastic	6	12	10	06470 →	877			861
For use with Quickfit dowels   2500 Pcs Made of plastic	7.75	15/16	12.5	06471 →	877	835	831	861
	9.25	18/19	14	06472 →	877	835	831	861
	Other colours on request							

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	B	D		
			Panel thickness	Drilling depth	Item number	
						Silver plastic
						White plastic
Side-entry   		7.75	15/16	12.5	06381 →	861
		9.25	18/19	14	06385 →	861
		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
		9.25	18/19	14	06387 →	861
		Product available on American and Asian market only Other colours on request				
 2500 Pcs		Made of plastic				


Cover cap 06936
 Made of steel

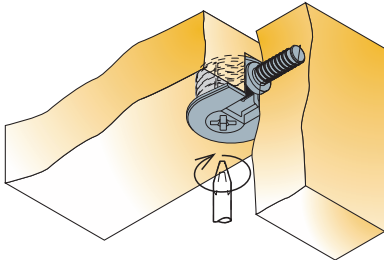
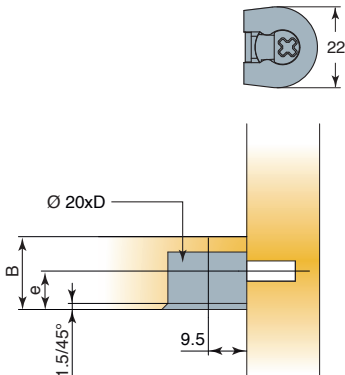
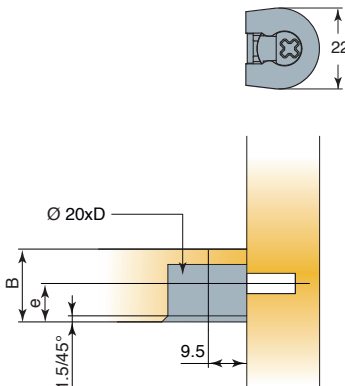
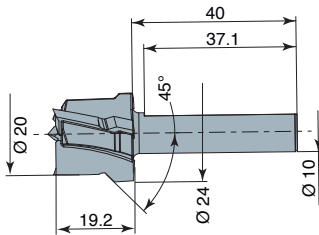
System 6

Flush 20mm Knock-in Housing

Non-outrigger

i 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
			Panel thickness	Drilling depth		
Side-entry  		9.5	19	14.2	*06343 →	877
 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		00435		
		left handed		00436		
 1 Pcs		Made of carbon steel				
		*American market only				

System 6.2

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
- Anti-rotation ribs prevent rotation during tightening for reliable product performance
- 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 6.2 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 with zinc cams.

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

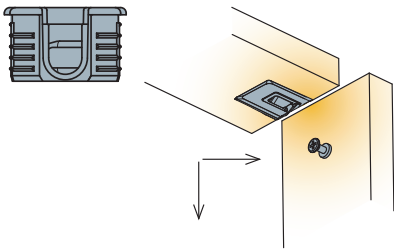
Applications

Titus System 6.2 is ideal for use in high volume modular cabinet production: closets, wardrobes, garage storage systems, and shelving units.

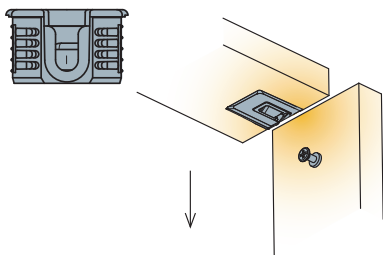
Because no edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry Drop-on

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



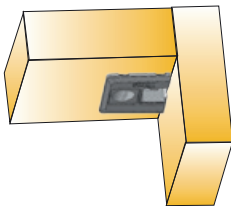
Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Efficient square design

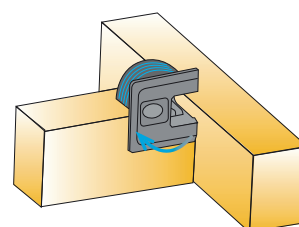
Square shape guides the eye to easy insertion parallel to the board panel and allows a larger surface of the product

to rest on the panel when tightened for optimal positioning and ease at tightening.



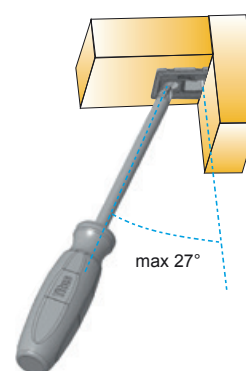
Ribs on housing prevent rotation in panel

The anti-rotation ribs on the housing prevent cam rotation and the resultant panel shift.



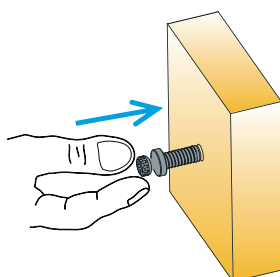
Comfortable tightening with Angledriv

The Angledriv feature on the cam guides the screwdriver to a 27° angle for comfortable access. The locking action creates a tight, secure fit.



Easy and quick assembly with Quickfit dowel

Improved 'at-home' assembly experience.



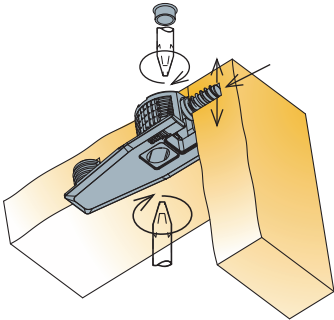
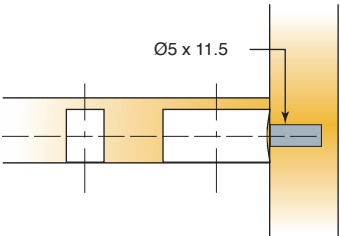
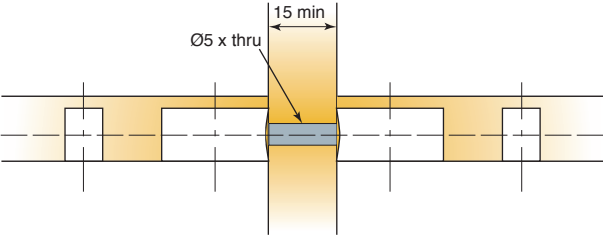
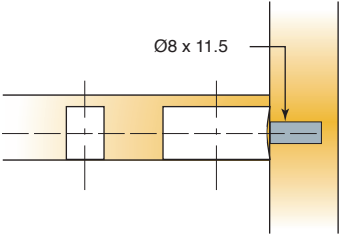
System 6.2

Quickfit Dowels

i

Suitable for System 6.2 only

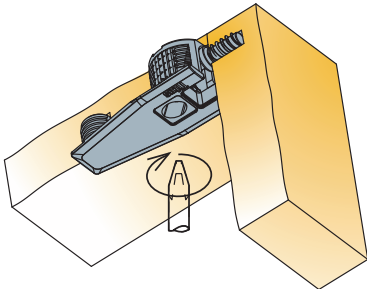
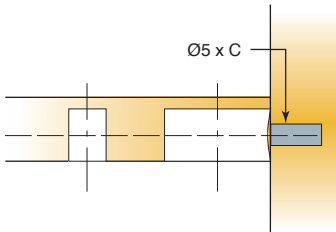
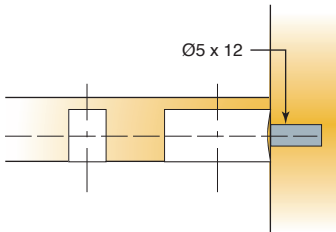
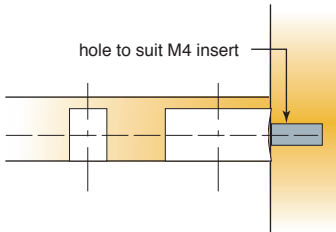
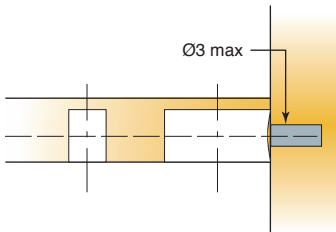
- Tool-free insertion
- Depth stop collar assures accurate insertion
- Available in Ø5mm and Ø8mm
- For applications with all Titus Sys 6.2 Ø20mm housings

 Technical and mounting details		Item number	Dark grey
Quickfit dowel Ø5mm    5000 Pcs Made of zinc, plastic		06576 →	880
Quickfit dowel Ø5mm for back-to-back application    5000 Pcs Made of zinc, plastic		06627 →	880
Quickfit dowel Ø8mm    5000 Pcs Made of zinc, plastic		06629 →	880

System 6.2

Screw-in Dowels

- Available in Ø3mm and Ø5mm thread forms for screw-in, knock-in and 'spiked' hole applications
- For applications with all Titus Sys 6.2 Ø20mm housings
- 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	Zinc plated	Zamak
Dowel Ø5     2000 Pcs Made of zinc or steel	9	06401 →		885		
	8	06402 →	883	885		
	11.5	06406 →	883	885		
Dowel Ø5 x 11 knock-in     2000 Pcs Made of zinc		06403 →		885		
Dowel M4 x 7     4500 Pcs Made of steel		06405 →	883			
Dowel Ø3 x 11.5     12500 Pcs Made of steel		06495 →	883			



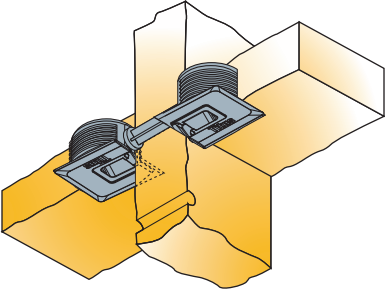
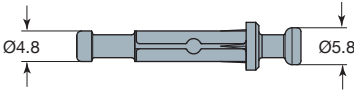
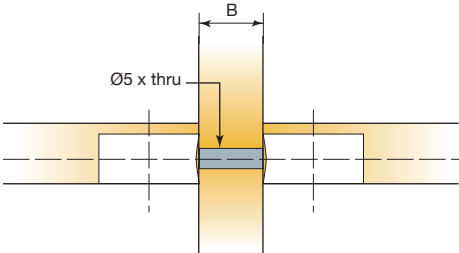
Inserts
 Made of plastic

→ see page 1.70

System 6.2

Double-ended Dowels

- For 16mm, 18mm and 19mm board
- For applications with all Titus Sys 6.2 Ø20mm housings
- 'Klix' locking feature provides a strong, vibration proof connection

 Technical and mounting details	B Panel thickness	Item number	Zinc	Double-ended dowel   

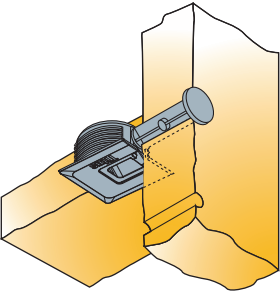
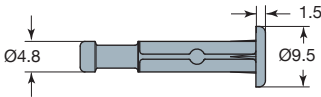
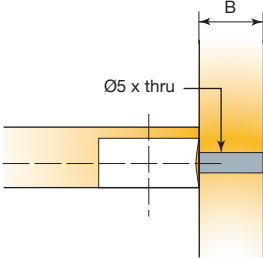
 2500 Pcs

Made of zinc

System 6.2

End Dowels

- For 16mm, 18mm and 19mm board
- For applications with all Titus Sys 6.2 Ø20mm housings
- 'Klix' locking feature provides a strong, vibration proof connection

		B		
		Panel thickness	Item number	Zinc
 Technical and mounting details	End dowel   	16	06412 →	885
		18	06411 →	885
		19	06415 →	885



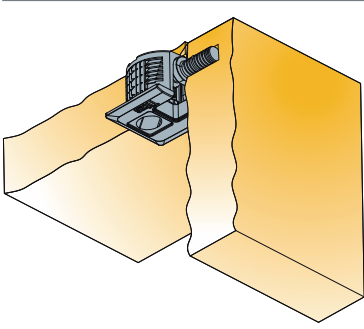
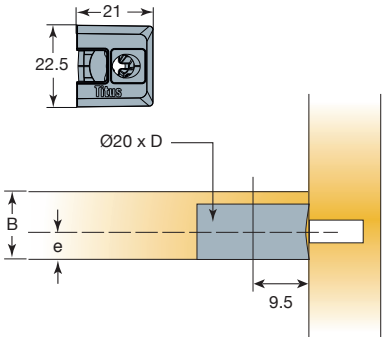
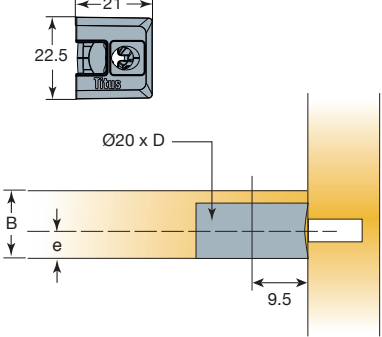
2000 Pcs
 1000 Pcs (06411)

Made of zinc

System 6.2

20mm Knock-in Housing

- Available in 15mm/16mm and 18mm/19mm versions for drop-on and side-entry applications
- Metal cover cap option
- ‘Klix’ locking feature provides a strong vibration proof connection
- Compatible with all Sys 6.2 screw-in dowels and Quickfit dowels

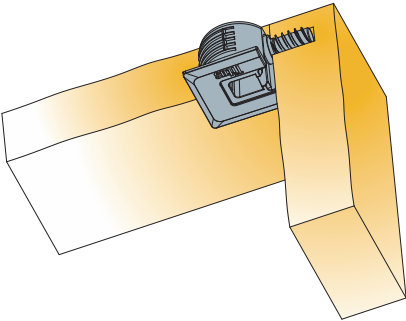
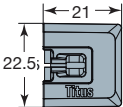
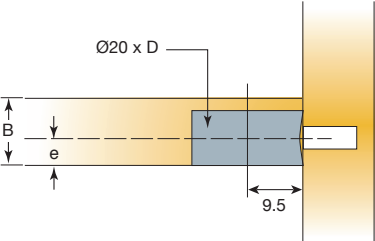
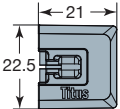
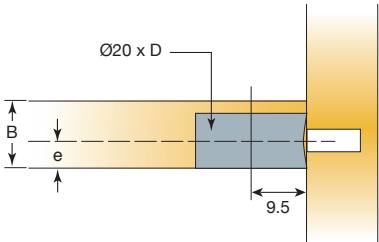
 Technical and mounting details		e	B	D	Item number				
			Panel thickness	Drilling depth		Silver grey	Dark grey	Dark brown	White
Side-entry  		7.75	15/16	12.5	06973 →	381	383	831	877
		9.25	18/19	14	06977 →	381	383	831	877
		Other colours on request							
 2500 Pcs Made of plastic									
Drop-on  		7.75	15/16	12.5	06975 →	381	383	831	877
		9.25	18/19	14	06979 →	381	383	831	877
		Other colours on request							
 2500 Pcs Made of plastic									

System 6.2

Wedgefix Housing

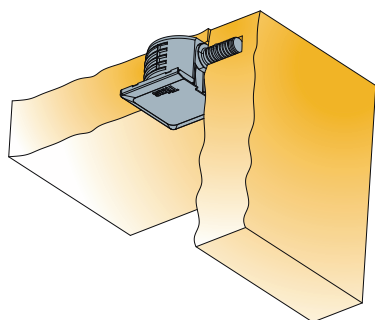
(no Inner Cam)

- Available in 15mm/16mm and 18mm/19mm versions
- Compatible with all Sys 6.2 screw-in dowels and Quickfit dowels
- Wedgefix housing allows easy customer hand assembly or factory automated insertion
- When used with Sys 6.2 Quickfit dowels this provides a true toolless fastening system

 Technical and mounting details		e	B	D				
			Panel thickness	Drilling depth	Item number	Silver grey	Dark grey	Dark brown
For use with screw-in dowels   		7.75	15/16	12.5	06619 →	381	383	831
		9.25	18/19	14	06620 →	381	383	831
		Other colours on request						
 2500 Pcs		Made of plastic						
For use with Quickfit dowels   		7.75	15/16	12.5	06621 →	381	383	831
		9.25	18/19	14	06622 →	381	383	831
		Other colours on request						
 2500 Pcs		Made of plastic						

Add-on Cover Caps

- Metal cover caps for retrofit mounting
- Enhanced look and contemporary design
- Fits all Sys 6.2 plastic housings



Technical and mounting details

Item number

Nickel plated

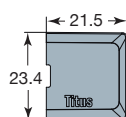
Noir

Cover cap for
20mm housing

06596 →

054

068



2050 Pcs

Made of steel

System 7

Heavy Duty Connectors

System Features

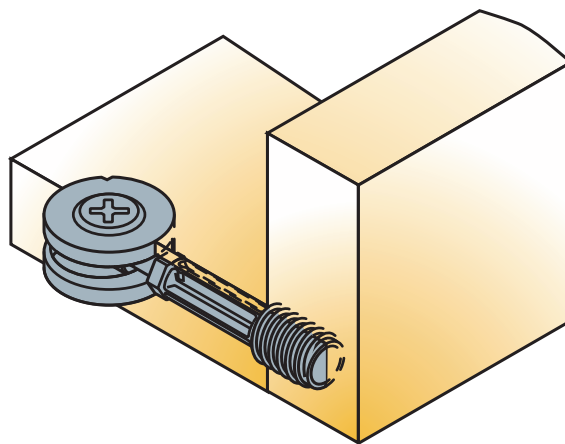
A family of heavy duty cams and dowels for offices and public furniture.

- Heavy-duty cam and dowel connector with excellent pull-out and racking strength
- Designed for applications requiring high strength and high performance

- Simple and fast installation
- Suitable for materials such as pine, MDF, and chipboard
- Uses common components with standard drilling patterns
- Suitable for medium to high-value furniture as well as cost-efficient furniture

Applications

- Suitable for factory insertion and home assembly
- Heavy-duty cabinets, desks, bookcases and large wardrobes, computer furniture, modular panel systems, in-store and retail fixtures, contract office furniture, and platform-style furniture.

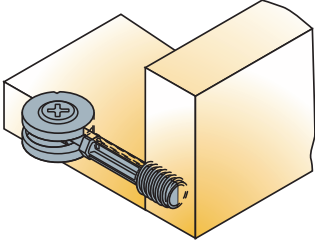
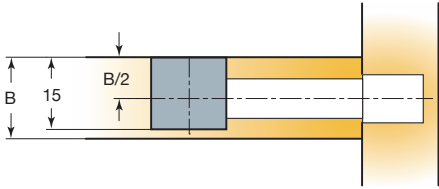
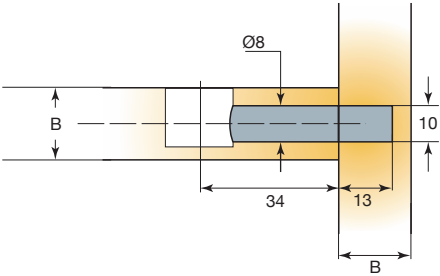


System 7

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

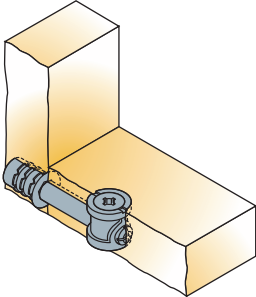
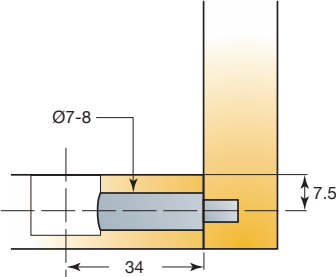
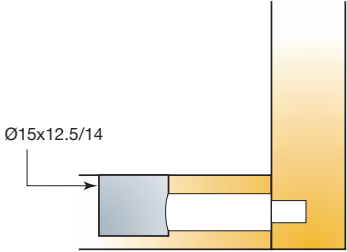
Technical and mounting details		B	Panel thickness	Item number	Zinc
					
Cam Ø20			18	05409 →	885
 					
 500 Pcs		Made of zinc			
Dowel Ø7 Ø10 mm thread		min 18	05410 →	885	
 					
 500 Pcs		Made of zinc			

System 7

High Strength Connectors

Contract Fix™ System

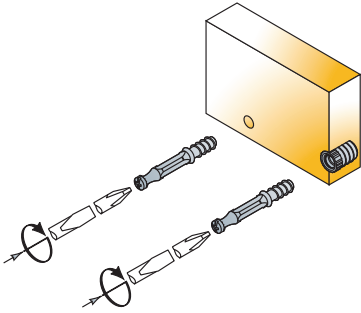
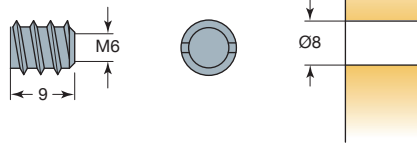
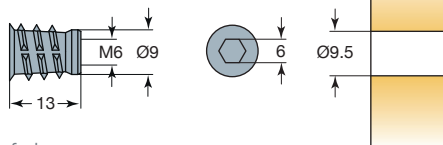
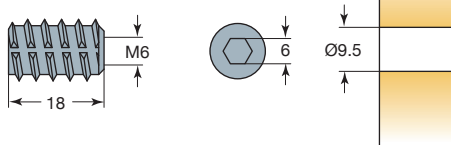
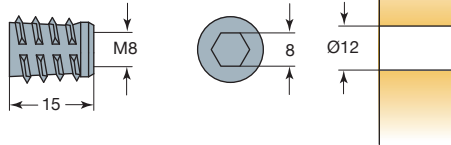
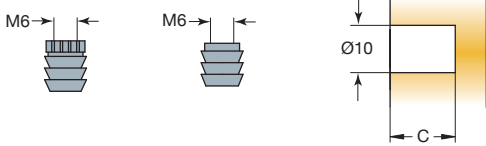
- High performance fastener
- Thread design gives repeatability
- Multi-drive recess
- Higher than average pull-up

			
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 1.70	

Accessories for Connectors

Inserts

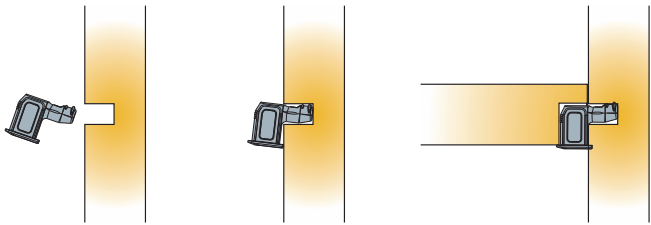
- Available in both zinc and plastic for use in various applications
- For use with various threaded dowels
- For use with various panel thicknesses
- Knock-in and screw-in versions available

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

Cabinet Accessories

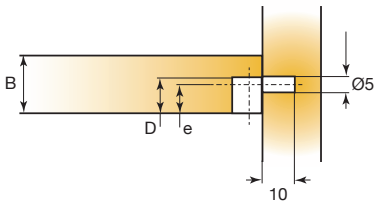
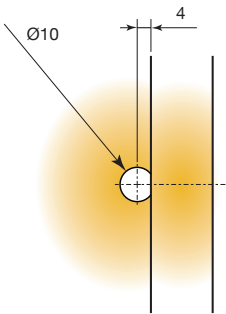
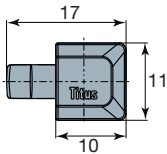
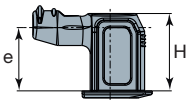
Shelf Q-Peg

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

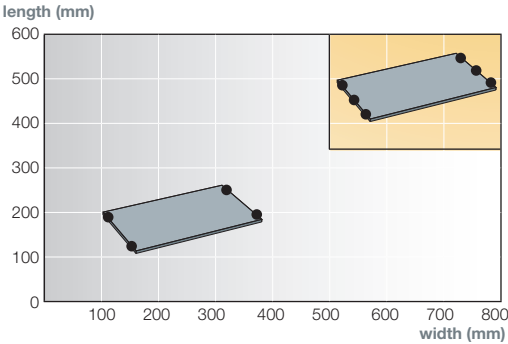


Technical and mounting details

Shelf Q-Peg Square



Capacity chart



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

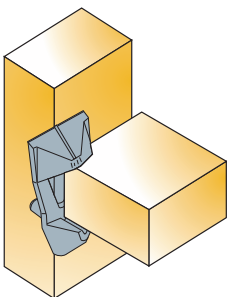
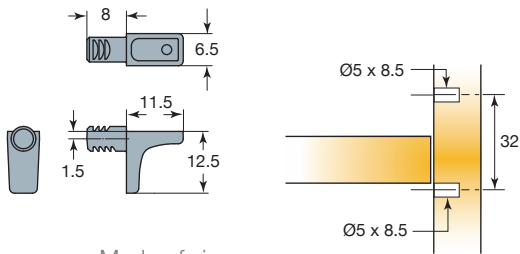
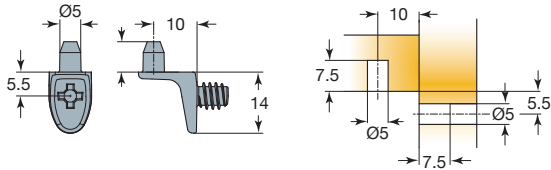
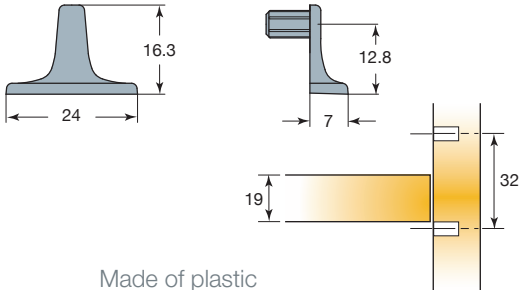
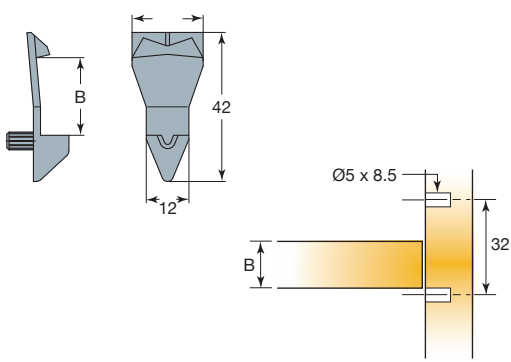
B	D	e	H	Item number	Nickel plated	Noir
Panel thickness	Drilling depth	Edge to pin hole center	Height			
18	11.5	9	11	01924 →	847	668
16	10.3	7.75	9.75	01927 →	847	668

1000 Pcs

Made of zamak

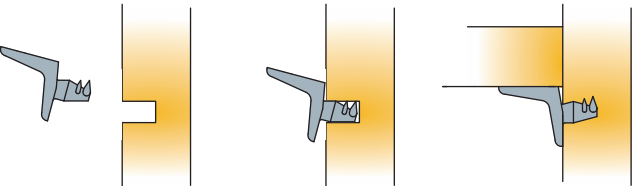
Shelf Supports

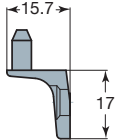
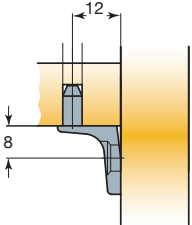
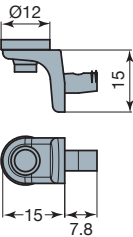
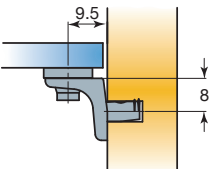
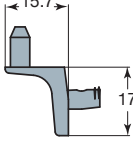
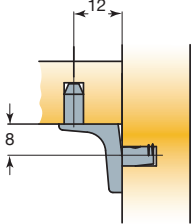
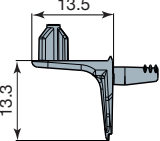
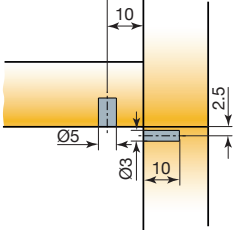
- Hold down feature traps the shelf in place for security
- Folding design allows the shelf to be post mounted in an assembled cabinet
- To suit a wide range of shelf thicknesses
- Pad for metal shelf support when using glass

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

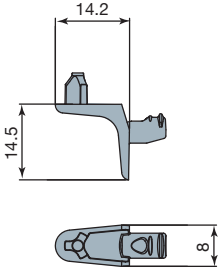
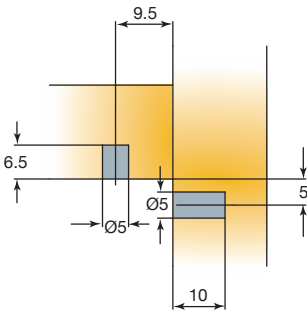
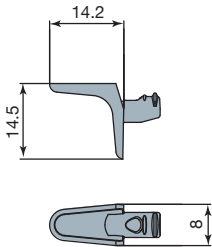
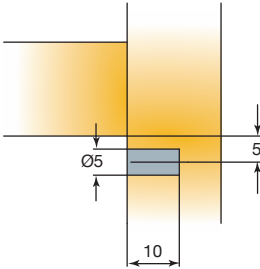
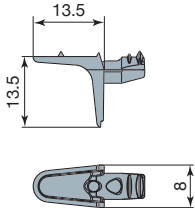
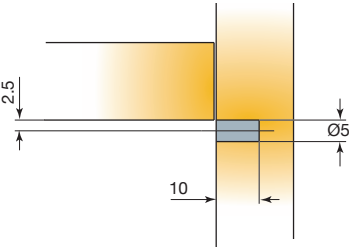
Shelf Supports

Mounting procedure:

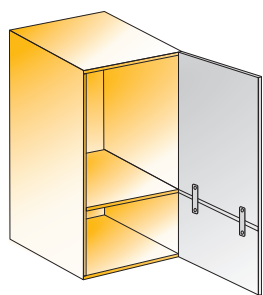


Technical and mounting details			Item number	Nickel plated
Pin Ø5x10 (screw-on)     1000 Pcs Made of zinc			338-3687 →	650
For glass shelves (rock-in)     1000 Pcs Made of zinc and plastic			338-9721 →	860
Pin Ø5x10 (rock-in)     1000 Pcs Made of zinc			338-3686 →	650
Shelf support Ø3mm with pin    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

Shelf Supports

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

Joining Plates



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



Technical details

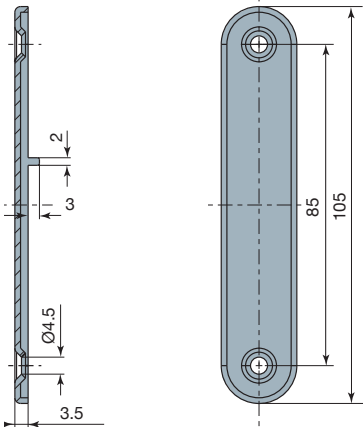
Item number

Nickel plated

Joining plate 105mm

360-1222 →

054



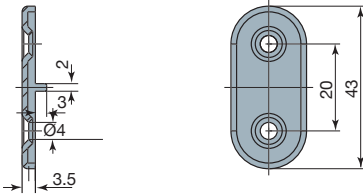
500 Pcs

Made of steel

Joining plate 43mm

360-1230 →

054



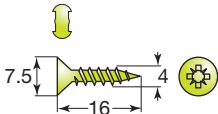
1000 Pcs

Made of steel

Fixing screw

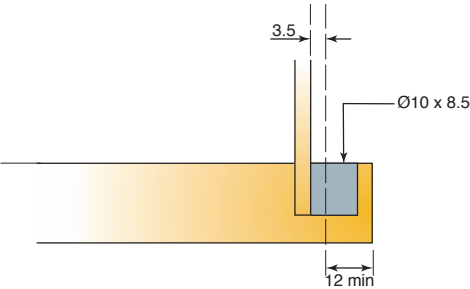
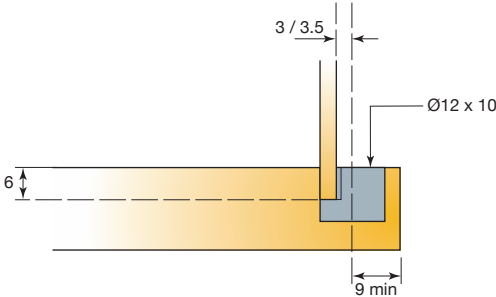
Chipboard screws
820-6328-050

10000 Pcs

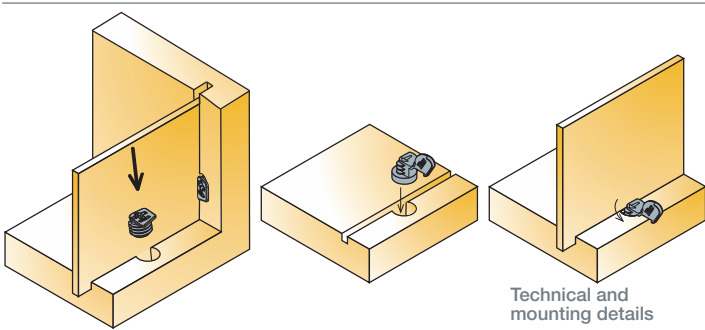
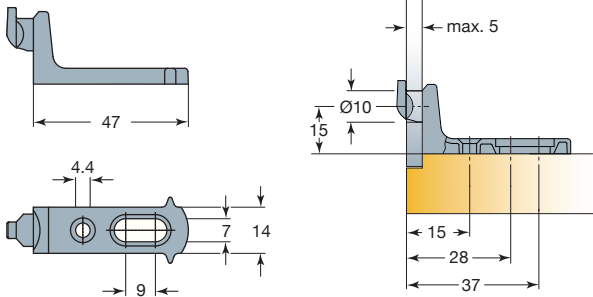
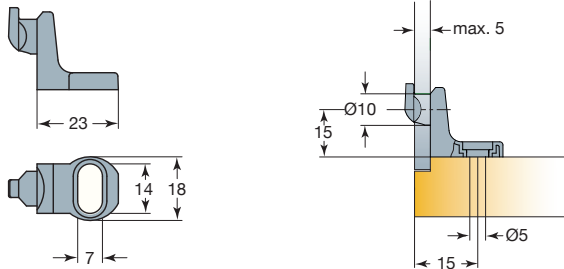


Backfix Connectors

- Push-in design
- No tools required for Backfix insertion
- The handle acts as a stop during locking, providing greater accuracy and speed of insertion
- Barbs provide a quality fastener for rigid cabinet construction

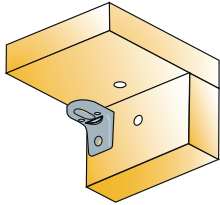
Technical and mounting details		Item number	Zinc	Corrosil
Backfix 2.0     1000 Pcs Made of zinc		02254 →	885	
Hardboard Backfix-no tools    1000 Pcs Made of zinc		02154 →	885	897

Back Wall Connectors

 Technical and mounting details		Item number	Nickel plated
Rear wall connector long  		353-3649 →	650
 500 Pcs		Made of zinc	
Rear wall connector short  		353-3650 →	650
 500 Pcs		Made of zinc	

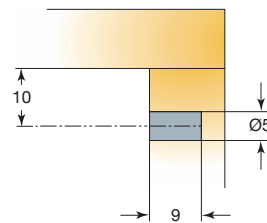
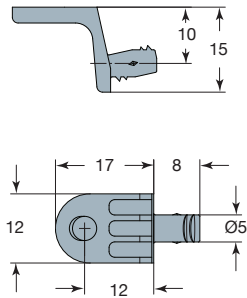
Panel Brackets

- To be used to fix face frames to carcasses 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

90° Bracket
(screw-in/rock-in peg)



1000 Pcs

Made of zinc

Item number

02111 →

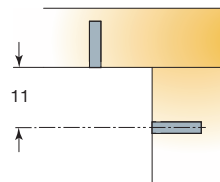
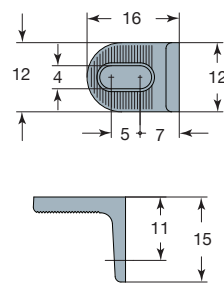
Nickel plated

847

Zinc

885

90° Bracket
(screw-in)



1000 Pcs

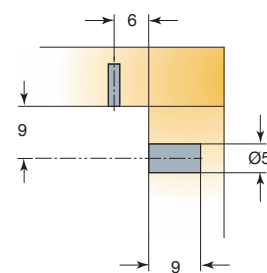
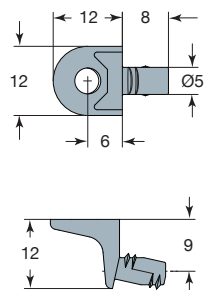
Made of zinc

02110 →

847

885

Corner bracket
(rock-in)



1000 Pcs

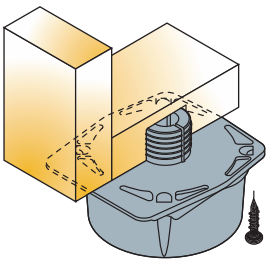
Made of zinc

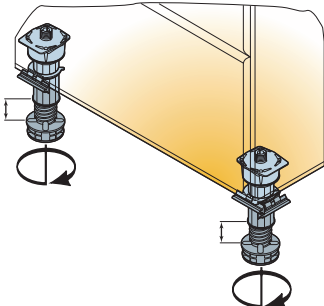
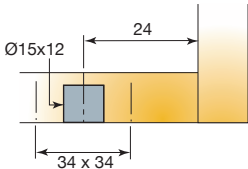
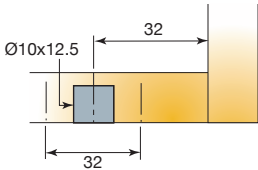
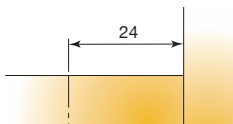
02133 →

885

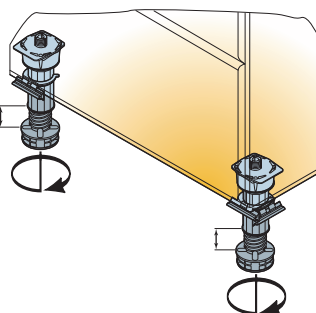
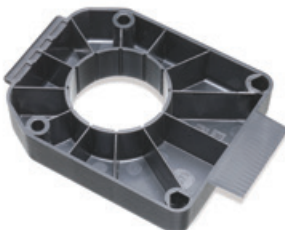
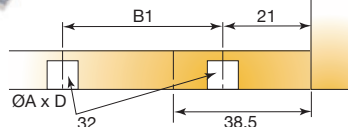
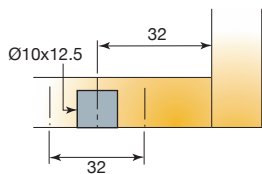
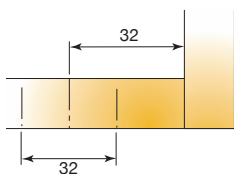
Adjustable Cabinet Legs

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				

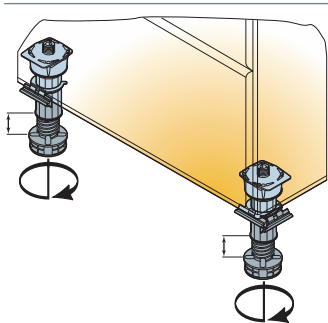
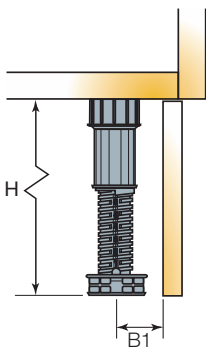
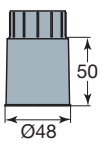
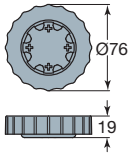
- Lip provides additional support to end panel and gives extra strength
- The side fix has twin dowel mounting for positive location
- Rivet fix design gives quick fastening of socket
- Choice of dowel or screw on sockets
- Invert second clip for corner plinth fixing

	Technical and mounting details		A	D	B1		
			Drilling diameter	Drilling depth	Drilling distance	Item number	Black
Leg top   Made of plastic	(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	
* Asian market only When using leg top, you must use foot with 01373 clip → see page 3. 8							
 100 Pcs							
Rivet fix/skid   Made of plastic					02663 →	835	
Rivet fix/ no rivet   Made of plastic					*02642 →	835	
	* Asian market only						
 200 Pcs							

Adjustable Cabinet Leg Range

Adjustable Leg,
Extension and Foot

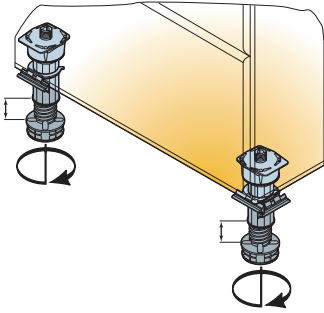
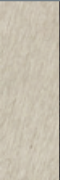
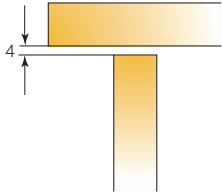
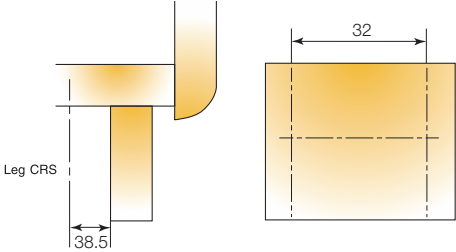
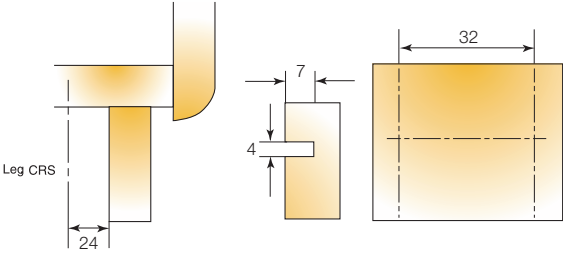
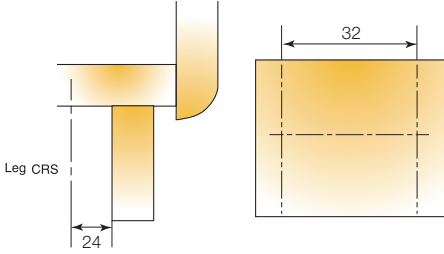
- Legs are supplied assembled at a pre-set height
- Wide adjustment range to fit all common plinth heights
- Jacking point adjustment feature
- Simple push on design to sockets

	Technical and mounting details	B1	H		
		Drilling distance	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  					
 200 Pcs		Made of plastic			
Fixed foot  					
		02569 → 835			
		*02574 → 835			
 200 Pcs		Made of plastic			* American market only

Adjustable Cabinet Leg Range

Plinth Clips and Fox Clip

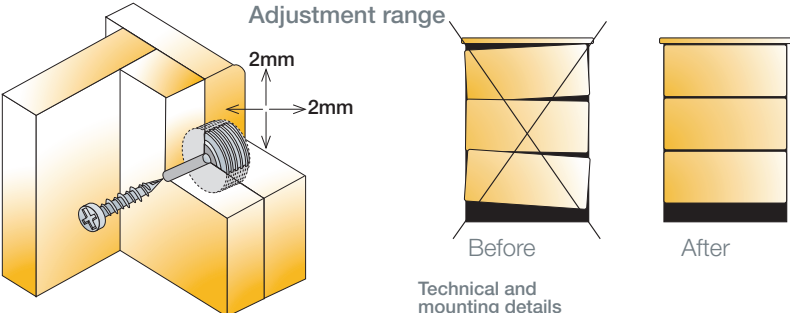
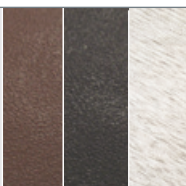
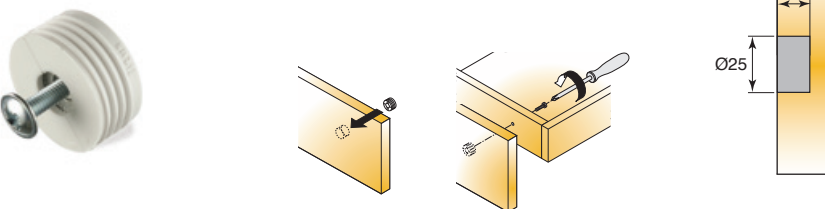
- Spring design eliminates the need for drilling and fits into any position on plinth
- The screw in version can sit in variable plinth positions
- When taking plinth around the corner, the fitting is reversible

Technical and mounting details		Item number	Natural	Black
				
			Natural	Black
Fox clip  		01373 →	846	
 1000 Pcs Made of plastic				
Plinth clip 38 screw  		02578 →		835
		*02710 →		835
 500 Pcs Made of plastic		* Asian market only		
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

 Adjustment range 2mm 2mm Before After Technical and mounting details						
DFA housing		Item number	Dark brown	Black	Nickel	White
		06308 →	831			877
 2500 Pcs		Made of plastic				
DFA housing		*06310 →	831			877
		*06309 →	831			877
 2500 Pcs		*00033 →			847	
 2500 Pcs		Made of zinc, plastic				
*American market only *06309 does not include screw						

