

Cabinet Connectors

Cabinet Connectors

Product Guide

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Fittings for rigid assembly systems

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

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Fittings for face-boring applications

face boring applications that provide a tolerant efficient assembly

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System 3

Fittings for face and edge boring

two component rigid face and edge drilling fastening

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System 4

Fittings for face-boring only

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Cams and dowels

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

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Cabinet Fittings

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Connectors

Information

Why Choose Titus?

Titus connectors add value to furniture and to furniture manufacturing

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

The most advanced range of connectors available on the market

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

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

Twinstart thread for faster and more stable insertion.

Depth stop collar prevents over-insertion.

Firm tightening for greater confidence in use.

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

Quickfit for hand dowel insertion.

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

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

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

Zinc+steel dowel for optimal strength and performance.

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

Easy and quick consumer friendly self-assembly of furniture

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

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

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

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

CAF Quick & Easy

Consumer Assembly Friendliness

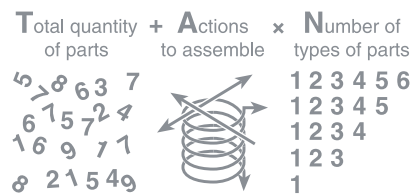
Easy and Quick Furniture Assembly

CAF formula

CAF=Consumer Assembly Friendliness

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

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



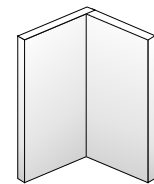
$$(T+A)N = CAF$$

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

- High customer satisfaction
- Improved productivity
- Higher profits

How does it work?

Comparative CAF scores to assemble a hand held demonstrator



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

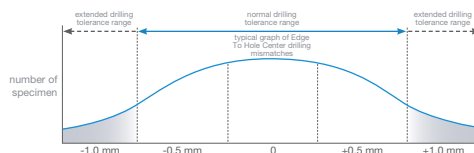
Cabinet Connectors

CAF Quick & Easy

Consumer Assembly Friendliness

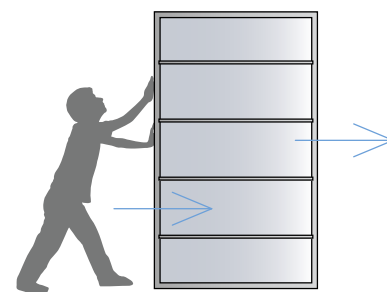
Consumer Assembly Friendliness - CAF principle

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



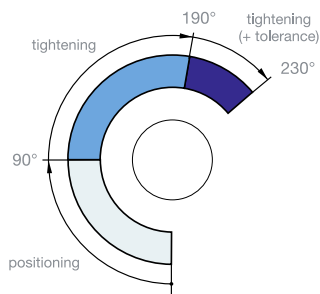
High drilling tolerances

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



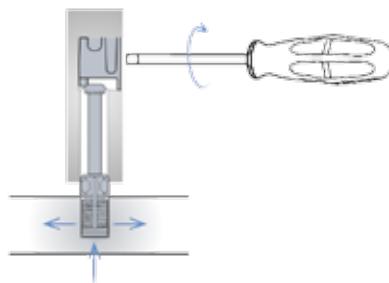
Strong and reliable joints

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



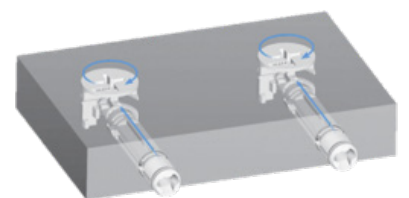
Reliable and comfortable locking

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



Expando function

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



Factory pre-insertion

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

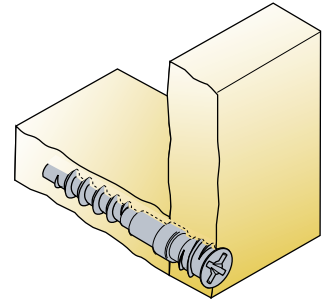
System 1

Fittings for Rigid Assembly Systems

System Features

Double locking carcass screw

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

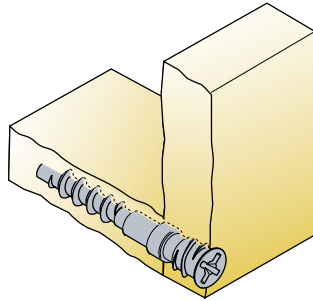


System 1

Fittings for Rigid Assembly Systems

Double Locking Carcase Screw

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



Technical and mounting details

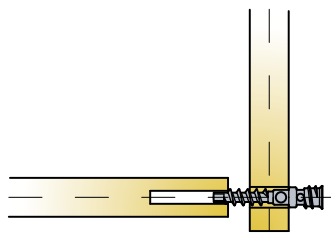
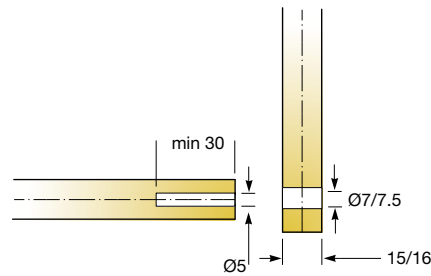
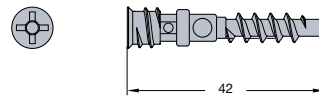
Item number

Zinc

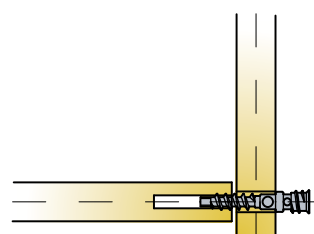
Screw 6x42

00180 →

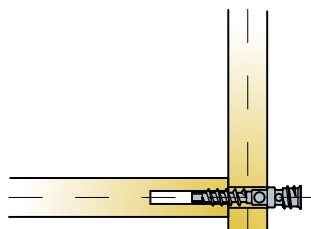
885



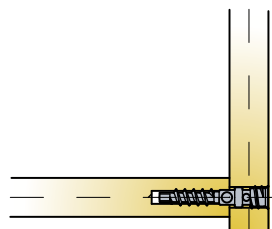
1. Insert screw to shoulder in face board



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

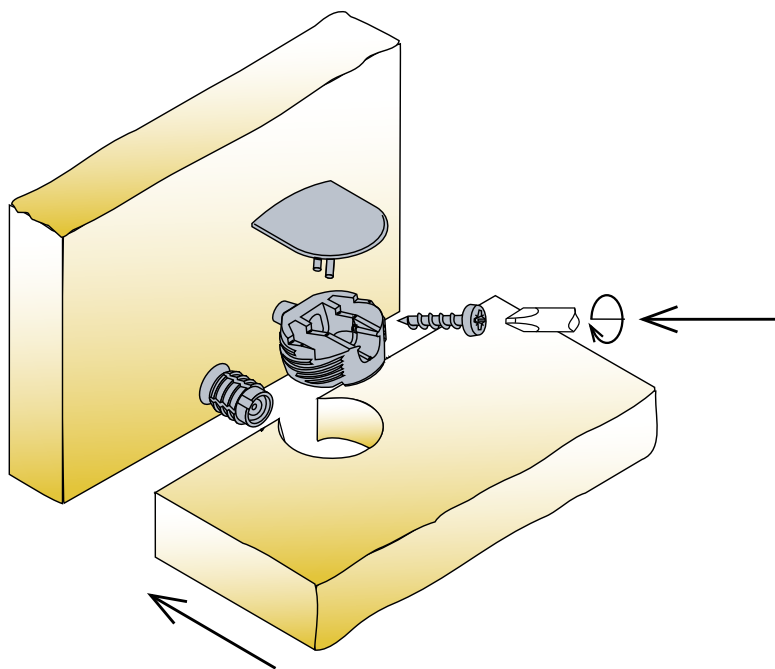
System 2

Fittings for Face-boring Applications

System Features

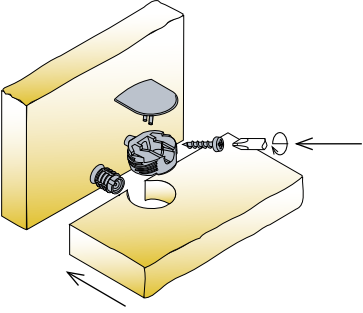




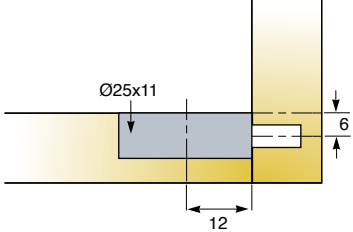



A family of face boring only concealed fittings and rail fasteners with wide tolerances and the enormous clamping power of an angled screw.

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



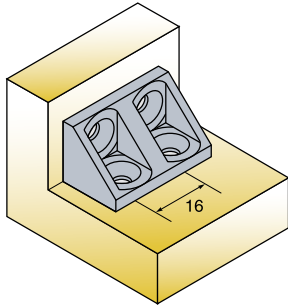
System 2 Fittings for Face-boring Applications Concealed Fittings

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

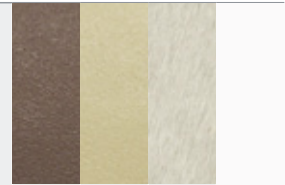
 <p>Technical and mounting details</p>		Item number	 Brown beige	 White	 Zinc plated
<p>Housing (no nose)</p>   <p>2500 Pcs Made of plastic</p>	<p>*02985 →</p> <p>*European market only</p>	877			
<p>Screw panhead No 8 x 17.6</p>  <p>2500 Pcs Made of plastic</p>	01709 →			883	
<p>Cover cap</p>  <p>7000 Pcs Made of plastic</p>	01732 →	806	877	<p>Other colours on request</p>	
<p>Inserts Made of plastic</p> <p>→ see page 1.62</p> 					

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



Dark brown

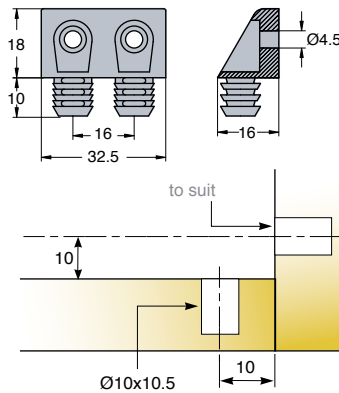
Light brown

Ivory

White

Item number

Rail fastener



02075 →

831

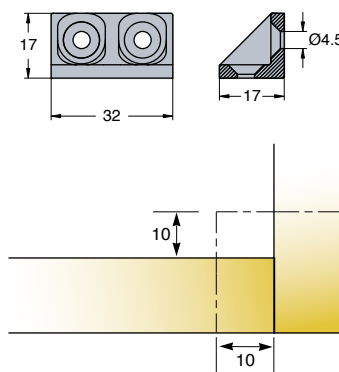
867

877

2000 Pcs

Made of plastic

Housing (no nose)



02077 →

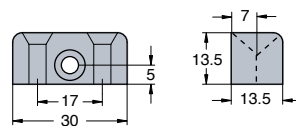
875

877

2000 Pcs

Made of plastic

Modesty block



*06073 →

867

877

*European market only

1500 Pcs

Made of plastic

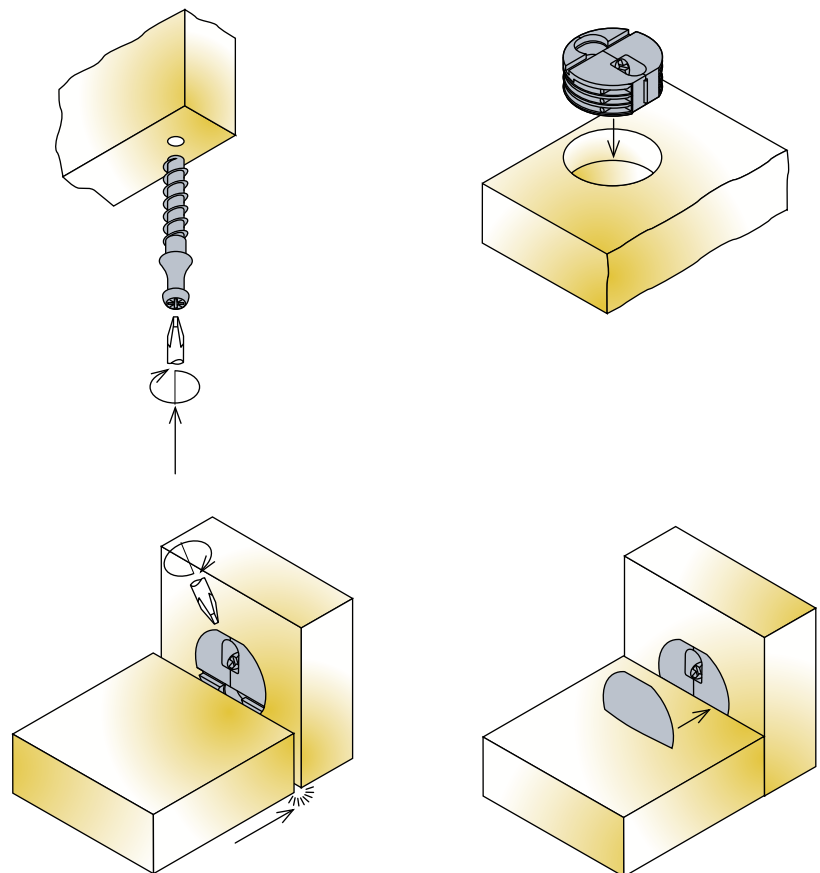
System 3

Fittings for Face and Edge Boring

System Features

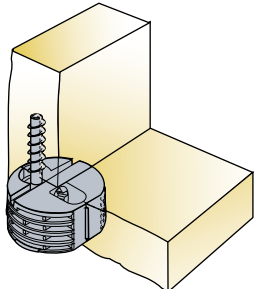

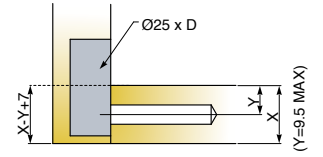


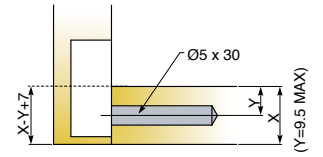


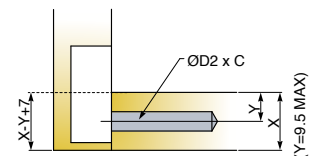





Titus System 3 is a two component rigid face and edge drilled fastening with half turn to fasten. System 3 offers almost full concealment and wide tolerances in use.

- 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						
Technical and mounting details		Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread	Item number	Black	Zinc plated	Dark brown	Yellow passivate	White
										
Housing assembly 	 <p>X, Y - depends on board thickness</p>	12.5			03118 →	835		831		877
 2500 Pcs Made of plastic or zinc, plastic		<i>Other colours on request</i>								
Screw dowel Ø5 	 <p>X, Y - depends on board thickness</p>	30		5	03168 →		883			
 1000 Pcs Made of zamak										
Screw dowel Ø3 	 <p>X, Y - depends on board thickness</p>	11		3.75	03181 →					881
 5000 Pcs (03180)  4000 Pcs (03181)  1000 Pcs (03190) Made of steel		9		3	03180 →					881
		25		3	*03090 →		883			
		<i>*American market only</i>								
Cover cap 					03150 →	835				877
 15000 Pcs Made of plastic										

System 4 Fittings for Face-boring Only

System Features

Cost effective one piece fittings with face boring benefits

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

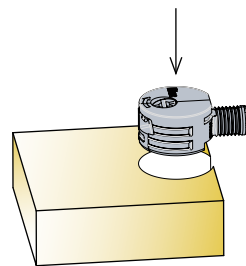
Quickloc™ One-piece connector

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

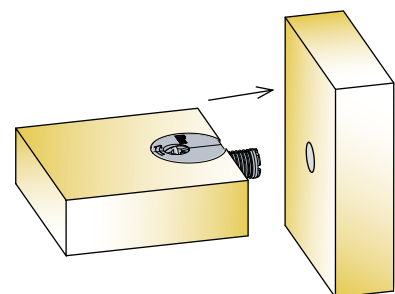
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

Quickloc™ Assembly

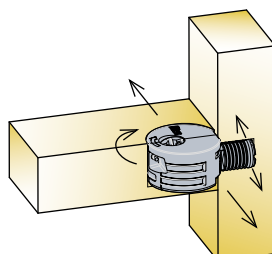
1. Press Quickloc into the face board



2. Assemble the panels


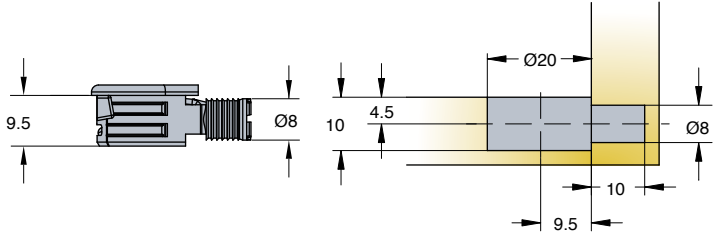

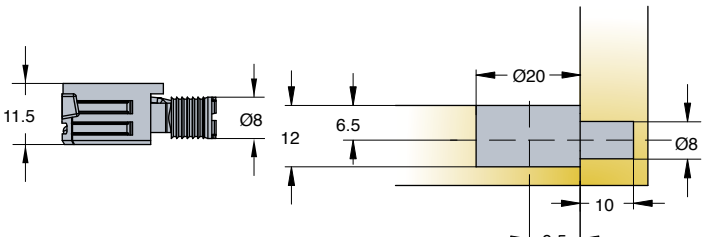

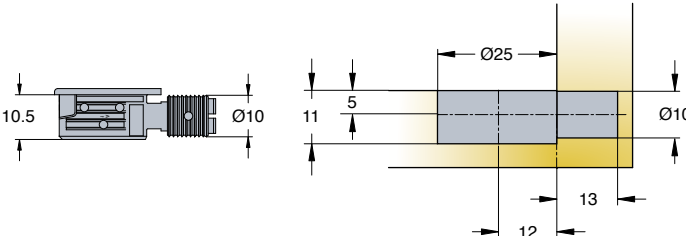

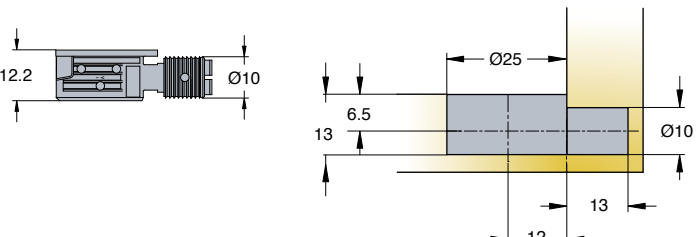









3. Tighten in less than one turn



System 4 Quickloc™ One Piece Expanding Connector

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

Technical and mounting details		Color options			
		Dark brown	Black	White	
		Item number	Dark brown	Black	White
Quickloc Ø20 flanged 		06803 →	831	835	877
		06806 →	831	835	877
		06802 →	831	835	877
		06839 →	831	835	877
					
					
 2500 Pcs	Made of zinc, plastic				
 2500 Pcs	Made of zinc, plastic				
 1500 Pcs	Made of zinc, plastic				
 1500 Pcs	Made of zinc, plastic				

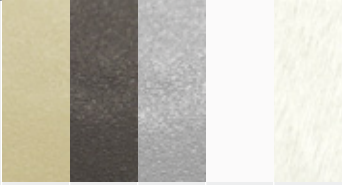
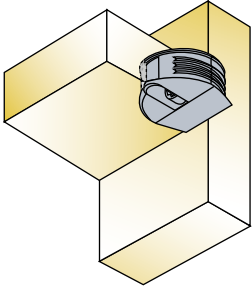

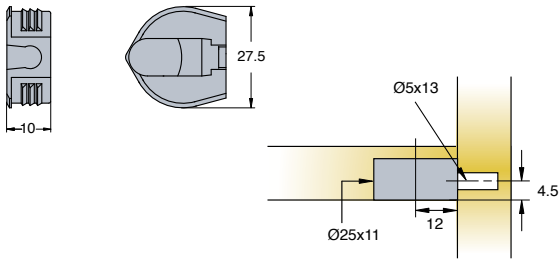


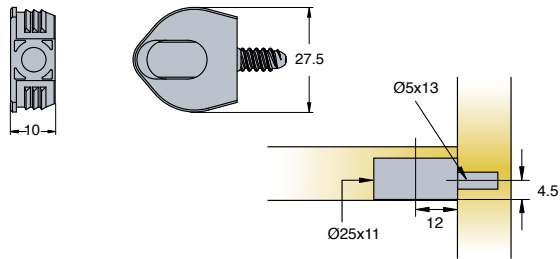


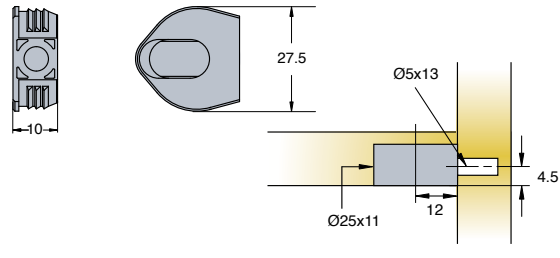


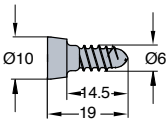

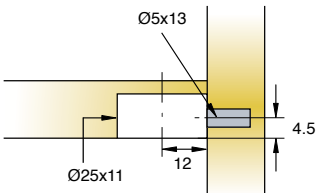
System 4

Fittings for

Face-boring Only

Flushbloc™ / Flushfix™

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

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


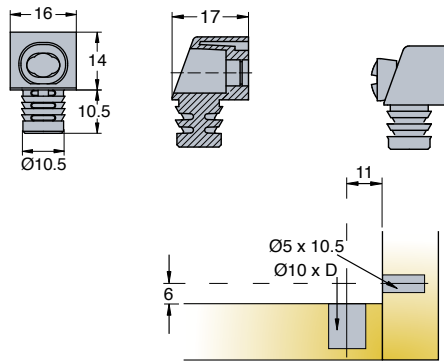

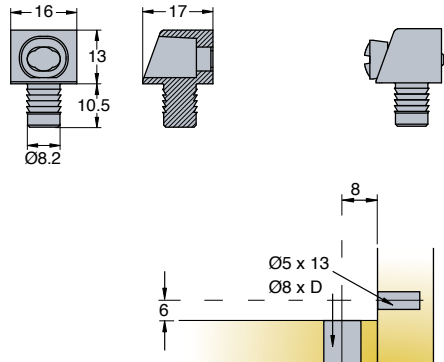

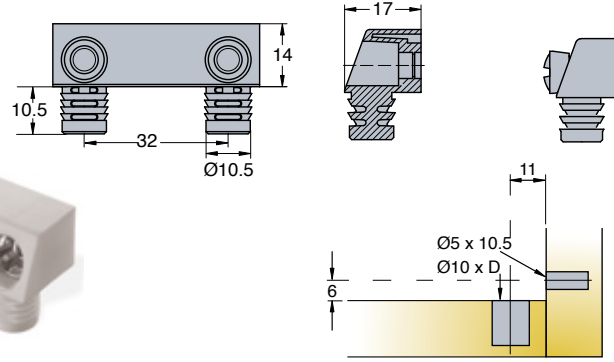
System 4

Fittings for

Face-boring Only

Minibloc™ / Twinbloc™

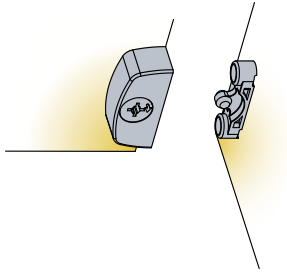
- One-piece connector range
- Face drilling only required
- Easy to use, foolproof home insertion
- Angledrive screw tolerates good levels of inaccurate drilling increasing consumer confidence

Technical and mounting details		D	Colour				
		Drilling depth	Dark brown	Black	Silver	White	
		Item number					
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							

Angledrive screw → see page 1.17

System 4 Fittings for Face-boring Only Cambloc

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



Technical and mounting details



Zinc plated + white housing
Zinc plated + brown housing
Zinc plated + black housing

Item number

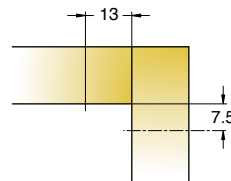
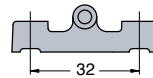
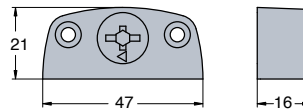
Screw-on

279-9187 →

960

970

980



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

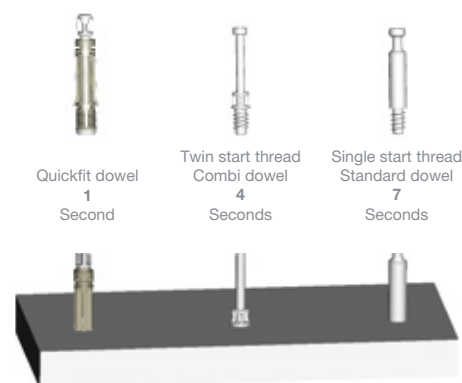
- **Quickfit dowels**
quick hand insertion, easy assembly
- **Diecast dowels (zinc)**
precise manufacturing, optimal shape and design
- **Turned dowels (steel)**
'traditional' design, smooth surface, best strength performance
- **Combi dowels (zinc and steel)**
high precision of zinc, strength of steel,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

Titus 'Klix'TM

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

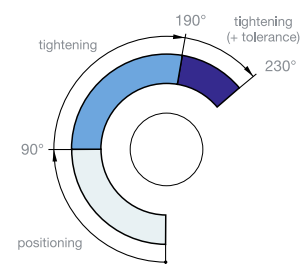
- vibration-proof joint
- rigid construction that will not loosen in service or transit

Dowel insertion time comparison



2 o'clock lock Smooth closing

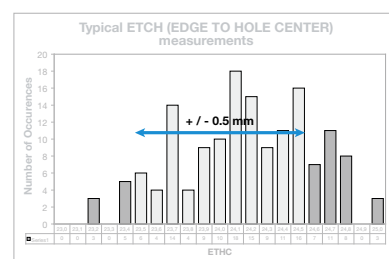
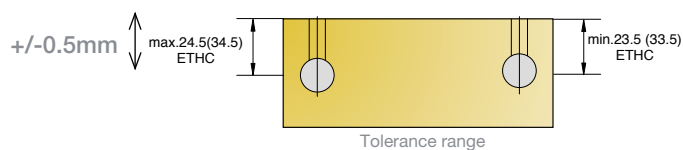
Linear cam profile assures smooth, firm tightening action and greater pull-up. The cam always locks at 2 o'clock lock (230°), enabling greater consumer confidence in use while improving furniture quality.



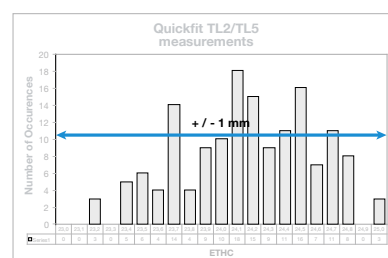
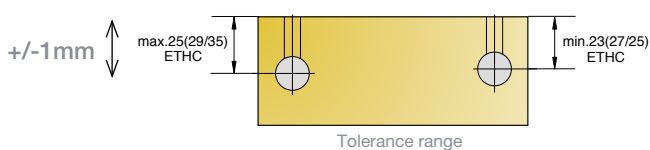
Drilling tolerances

Optimal performance and perfect joint even with inaccurate drillings.

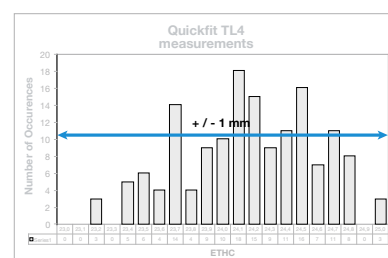
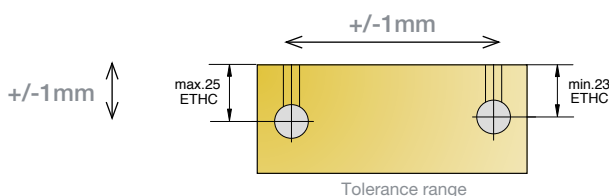
Zinc/Combi dowel



Quickfit TL5 dowel, Quickfit TL2 dowel



Quickfit TL4 dowel

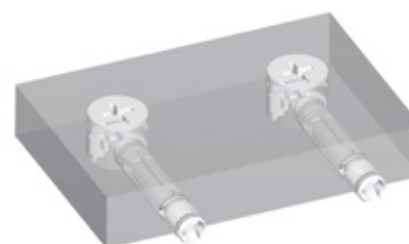


ETHC=Edge To Hole Center

Dowels for factory insertion

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

- Easier packing
- Less damages in handling
- Perfect for the RTA market



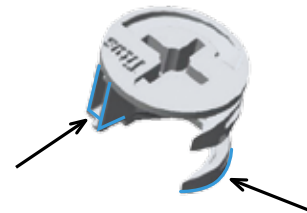
System 5 Cams and Dowels

Cam5000

Highly resistant joint for strong cabinet construction

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

Increased joint resistance enables effective performance in wider tolerance range.



Linear cam profile

Linear cam profile ensures:

- Smooth tightening action
- Greater dowel pull-up



Cam retaining pips

Cam retaining pips ensures:

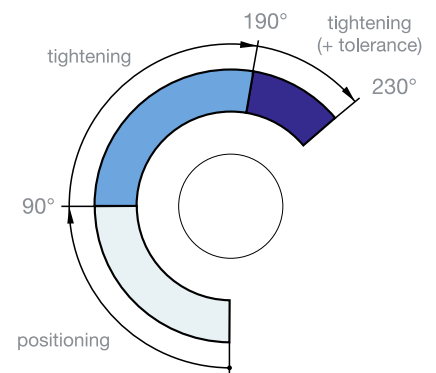
- The cam is held in position prior to assembly
- Secure cam positioning during transport and handling
- Accurate factory insertion



2 o'clock lock

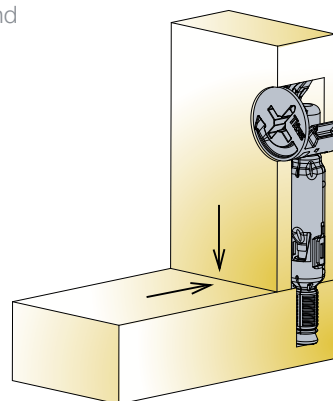
Smooth and noticeable locking at the 2 o'clock position guarantees:

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



Optimised cam profile

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



Optimal performance with all Titus dowels

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



System 5 Cams and Dowels

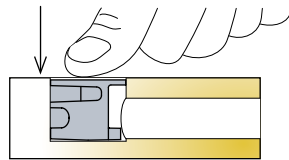
Quickfit Connectors

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

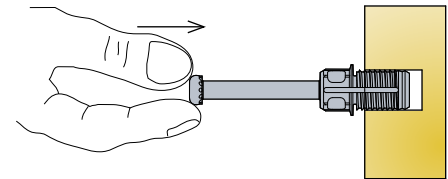
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lengths of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

Assembly

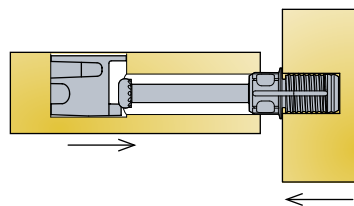
1. Press the cam into face board



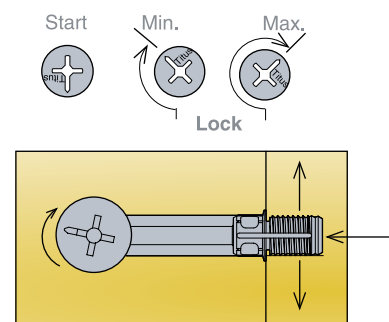
2. Insert the dowel into side panel



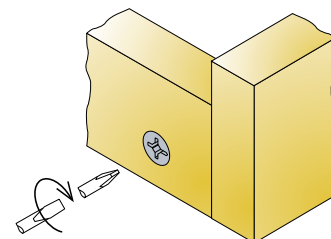
3. Assemble the panels



4. Tighten the cam to lock dowel



5. Assembled panels



Quickfit TL Connectors

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

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

Drilling tolerances

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

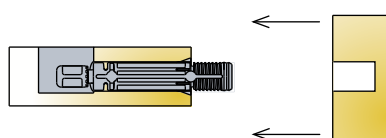
Quickfit-TL™ provides a tolerance of ± 1 mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

Assembly

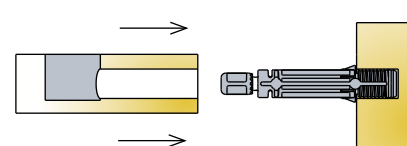
1. Press the cam into face board



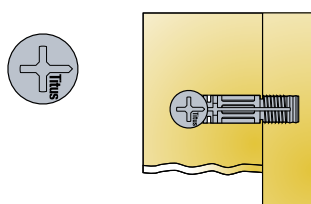
2a. Either push dowel into edge hole or...



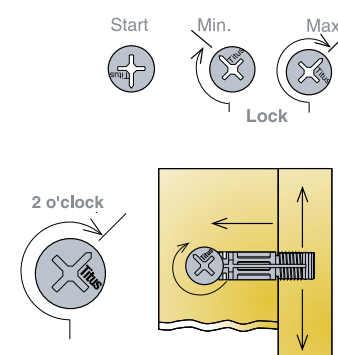
2b. Insert the dowel into side panel



3. Assemble the panels



4. Tighten cam to lock dowel

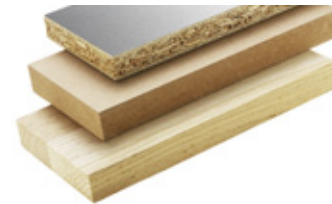


System 5 Cams and Dowels

Quickfit TL5 'Full Metal Jacket'

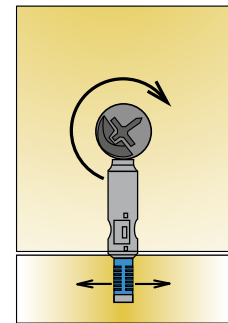
Effective performance in multiple wooden materials

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



Strong and reliable joint

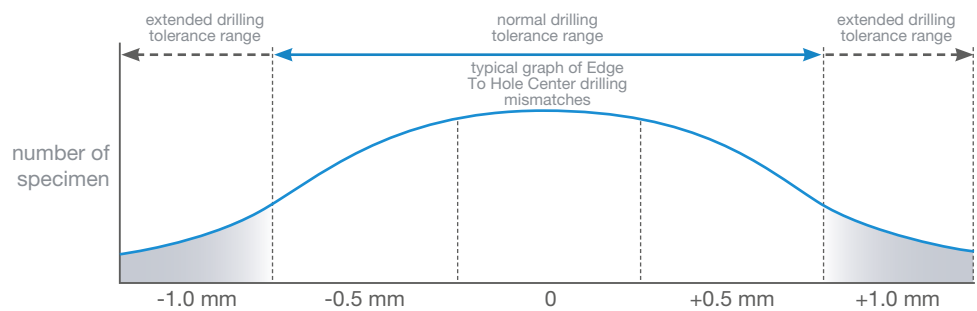
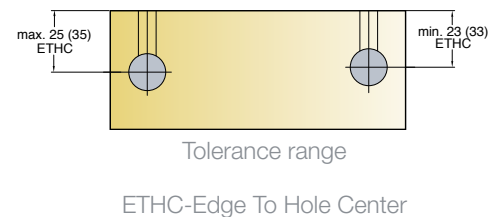
Expanding steel sleeve assures high resistance to torsion and pull-out.



High drilling tolerances

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

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



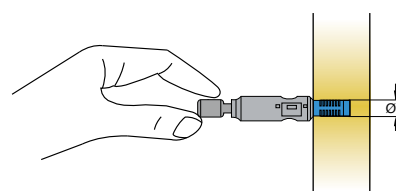
Shape of dowel sleeve

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



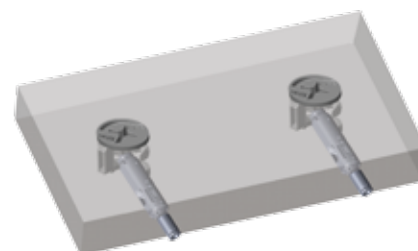
Tool-free insertion for Ø5mm dowel holes

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

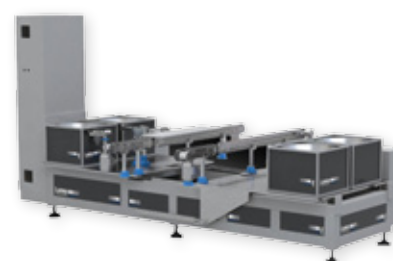


50% less time to assemble the cabinet at home

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



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



Fast and easy cabinet assembly at home.

CAF Quick & Easy

Consumer Assembly Friendliness

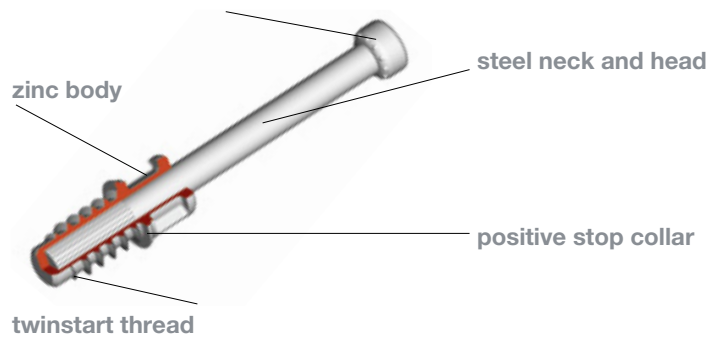
System 5 Cams and Dowels

Zinc+steel Combi Dowels

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

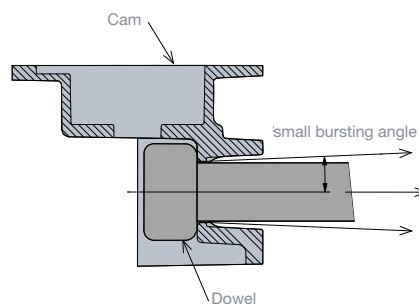
The Combi dowel combines steel and a small amount of zinc to ensure high precision and dimensional accuracy, essential to provide furniture manufacturers with the broadest possible range of drilling tolerances.

toroidal head form

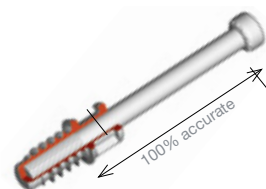


The steel neck and head provide better resistance to torsion and pull-out enabling a high performance joint

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



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



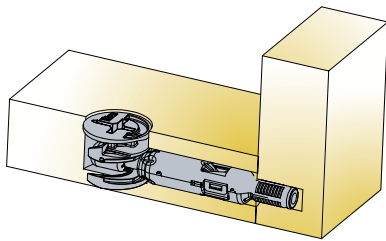
**100% dimensional accuracy
assured**

System 5

Quickfit TL5

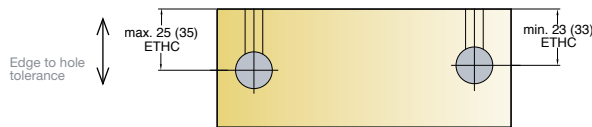
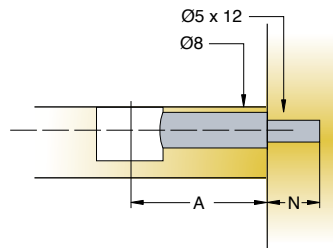
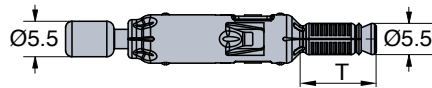
'Full Metal Jacket'

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



Technical and mounting details

Quickfit TL5 dowel



Tolerance range

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



To be used with Cam5000 only

1000 Pcs

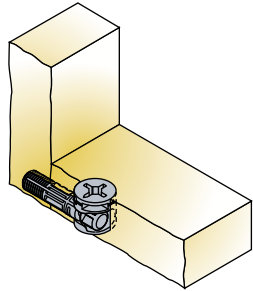
Made of steel

System 5

Cams and Dowels

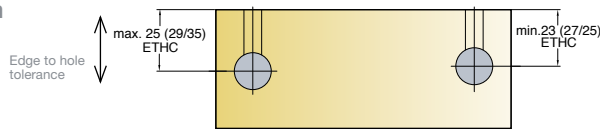
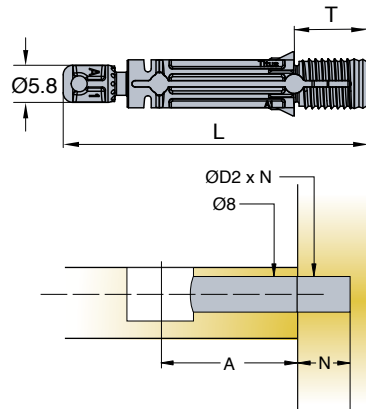
Quickfit TL Dowels

- Available in Ø5mm and Ø8mm for panel-to-panel applications
- Suitable for use with all Ø15mm Cam2000, Cam3000, Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Highly tolerant in edge-inserted, TL4 also in face-inserted applications



Technical and mounting details

Quickfit TL2

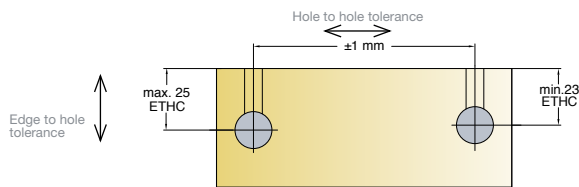
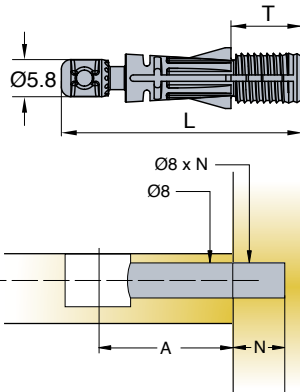


Tolerance range

2000 Pcs
1000 Pcs (05474)

Made of zinc, plastic

Quickfit TL4



Tolerance range

3000 Pcs

Made of zinc, plastic

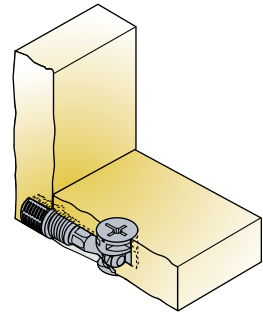
A	N	T	D2	Item number	Black	Dark grey
Drilling distance	Drilling depth	Thread length	Drilling diameter for dowel thread			
24	12	11.5	5	05453 →		880
34	12	11.5	5	05503 →		880
24	12	11.2	8	05366 →		880
28	12	11.2	8	05314 →		880
34	12	11.2	8	05474 →		880
24	12	11.2	8	05388 →	835	

System 5

Cams and Dowels

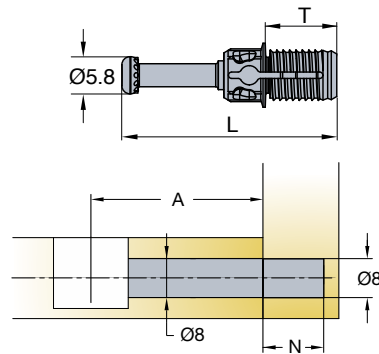
Quickfit Dowels

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



Technical and mounting details

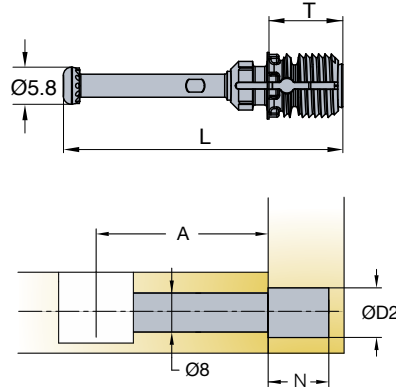
Quickfit dowel
Ø8mm



1000 Pcs (05556,05552)
2000 Pcs (05563, 05554)

Made of zinc, plastic

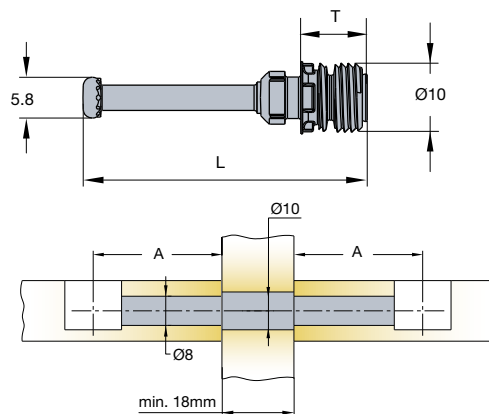
Quickfit dowel
Ø10mm



2000 Pcs

Made of zinc, plastic

Quickfit dowel
For back-to-back application



1000 Pcs

Made of zinc, plastic

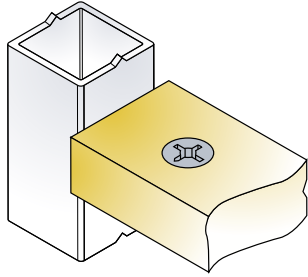
A	N	T	L	Item number	Dark grey
Drilling distance	Drilling depth	Drilling distance	Total length		
20	12	11.2	29.5	05556 →	880
24	12	11.2	33.5	05563 →	880
28	12	11.2	37.5	05552 →	880
34	12	11.2	43.5	05554 →	880
24	12	11.2	33	05052 →	880
34	12	11.2	43	05050 →	880
24	12	11.2	30.5	05270 →	880
34	12	11.2	40.5	05147 →	880

System 5

Cams and Dowels

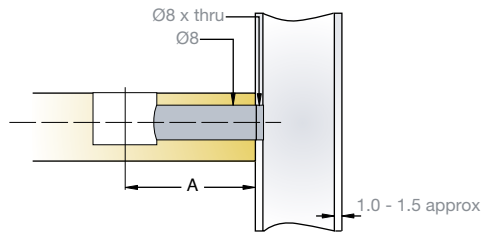
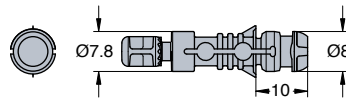
Quickfit P2F Dowels

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



Technical and mounting details

Quickfit P2F



A

Drilling distance

Item number

Black

24

05414 →

835

2000 Pcs

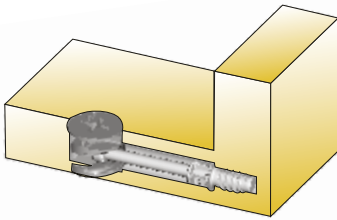
Made of zinc, plastic

System 5

Cams and Dowels

Combi Dowel

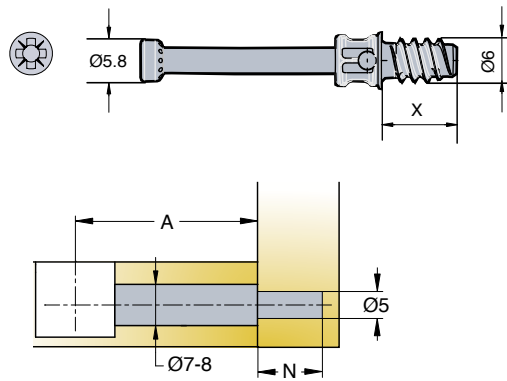
- High quality zinc-steel dowel with greater resistance to torsion and pull-out
- Suitable for use with all Ø12mm and Ø15mm Cam2000, Cam3000 S and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Twinstart thread for faster and reliable insertion



Technical and mounting details

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

Combi dowel Ø5



PH2 head
PH2 head
PH2 head

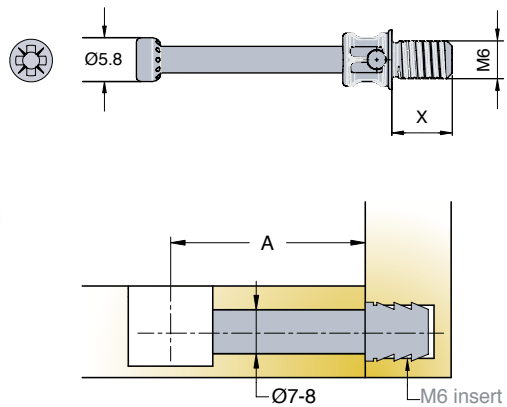
34	12	11	09435 →	885
28	10	9.5	09588 →	885
24	12	11	09443 →	885
24	9	8.5	09583 →	885
34	12	11	*09424 →	885
24	12	11	*09423 →	885
34	9	8.5	*09456 →	885

*American market only

1000 Pcs
*2000 Pcs

Made of steel and zinc

Combi dowel M6



34		8	09592 →	885
34		10.5	09594 →	885

1000 Pcs

Made of steel and zinc



→ see page 1.59


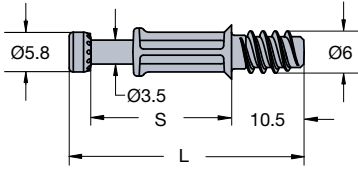
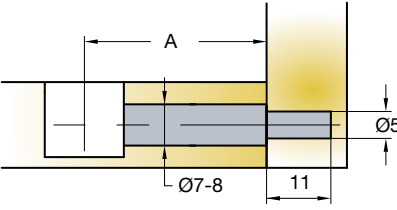


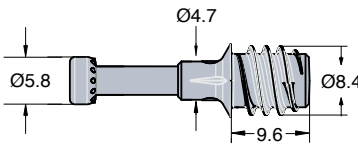
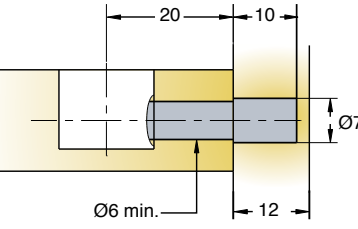



→ see page 1.59

System 5

Cams and Dowels

Combi Dowel

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

Inserts
Made of plastic

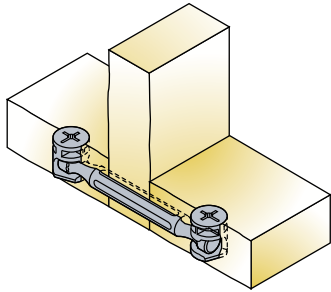
→ see page 1.59

System 5

Cams and Dowels

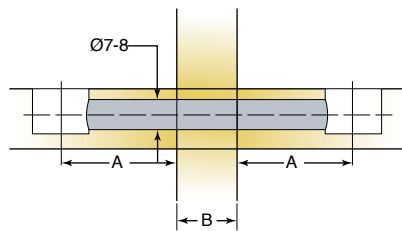
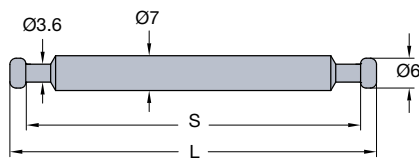
Double-ended Dowel

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



Technical and mounting details

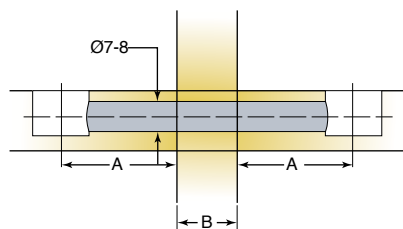
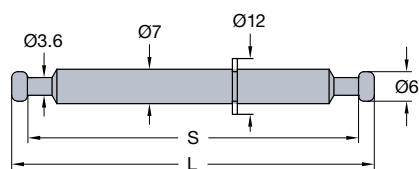
Dowel without circlip



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

Made of steel

Dowel with circlip



- 250 Pcs
- 500 Pcs (05775, 05774)

Made of steel

S	L	A	B	Item number	Zinc plated
Length	Total length	Drilling distance	Panel thickness		
41	47.4	24	0*	05929 →	883
61	67.4	34	0*	05757 →	883
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					

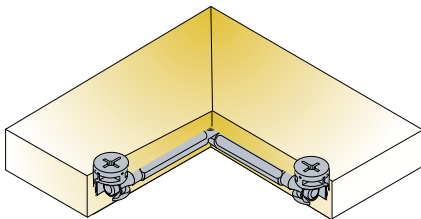
77	83.4	34	16	05752 →	883
79	85.4	34	18	05772 →	883
80	86.4	34	19	05751 →	883
57	63.4	24	16	05775 →	883
60	66.4	24	19	05774 →	883

System 5

Cams and Dowels

Angled Dowels

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



Technical and mounting details

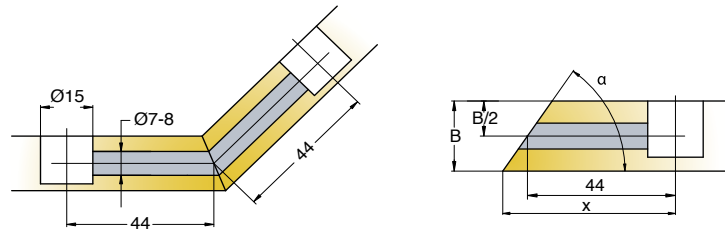
Item number

Zinc plated

Angled dowel
180° fixed

05860 →

883



Distance x in mm

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

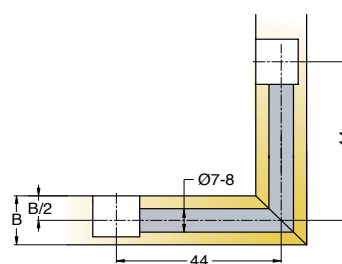
250 Pcs

Made of steel

Angled dowel
90° fixed

05282 →

883

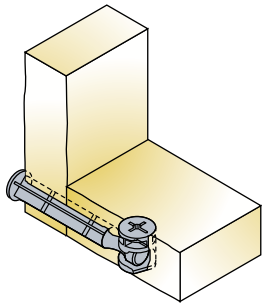


1000 Pcs

Made of steel

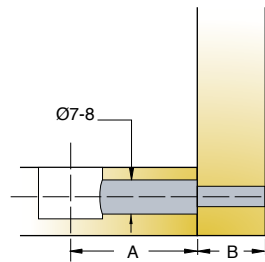
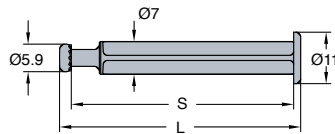
System 5 Cams and Dowels End Dowels

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



Technical and mounting details

Mushroom dowel



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

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

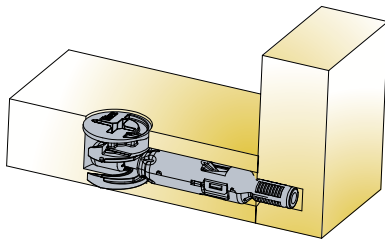
Made of zinc

System 5

Cams and Dowels

Ø15mm Cam5000

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

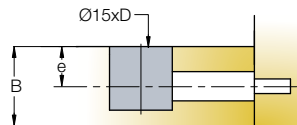
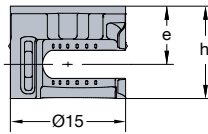


Technical and mounting details

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

Cam5000
cross drive

PZ2 drive



12/13	10.5	6 min	9.9	09695 →	885
15/16	12.5	7.5/8	11.9	09690 →	885

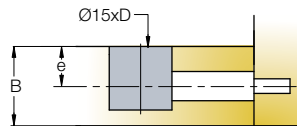
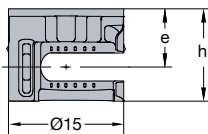
Use standard cover caps with pin=Ø4mm

1000 Pcs

Made of zinc

Cam5000
hexagonal drive

combined drive with HEX



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

Use standard cover caps with pin=Ø4mm

Black available upon request

1000 Pcs

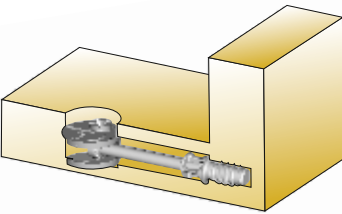
Made of zinc

System 5

Cams and Dowels

Ø15mm Cam3000 S

- Innovative design offers optimal performance with maximum cost effectiveness
- Suitable for use with Combi dowels, forged steel dowels and Quickfit dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam-retaining pins ensure that a cam is held in panel position prior to assembly



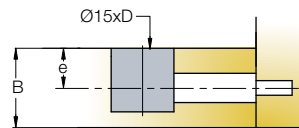
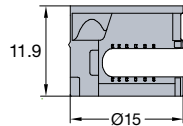
Technical and mounting details

B	D	e	Item number	Zinc	Zinc corrosil
Panel thickness	Drilling depth	Drilling for dowel			

Cam3000 S/15

PZ2 drive 

15/16	12.5	7.5/8	09491 →	885	897
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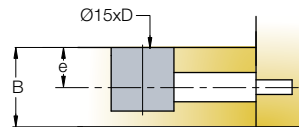
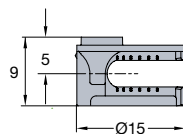
 1000 Pcs

Made of zinc

Cam3000 S/12

PZ2 drive 

12 min	9.5 min	min 6	*09406 →	885	897
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** European market only*

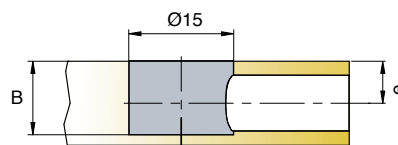
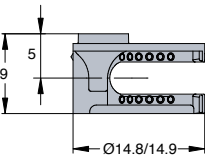
 2000 Pcs

Made of zinc

Cam3000 S/12

Philips PH2 drive 

12 min	9.5 min	min 6	*09631 →	885	
--------	---------	-------	-----------------	-----	--



** American market only*

 1000 Pcs

Made of zinc



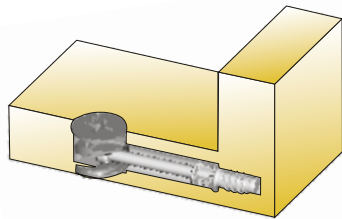
Cover caps 09630
Made of plastic

System 5

Cams and Dowels

Ø15mm Cam3000

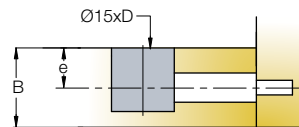
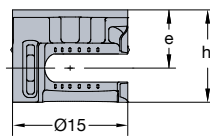
- Its optimised shape provides a more efficient cam profile with smooth tightening action and greater dowel pull-up
- Suitable for use with Combi dowels, forged steel dowels, Quickfit dowels and Quickfit TL dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Cam-retaining pips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



Technical and mounting details

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

Cam3000 cross drive



Black available upon request

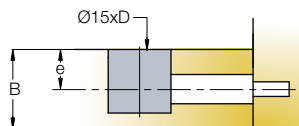
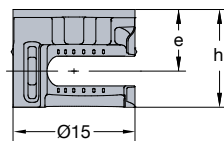
1000 Pcs

Made of zinc

Cam3000 hexagonal drive



combined drive with HEX



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

Use standard cover caps with pin=Ø4mm

Black available upon request

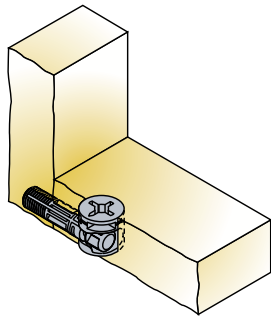
1000 Pcs

Made of zinc

System 5 Cams and Dowels

Ø15mm Cam2000

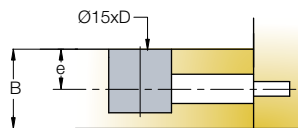
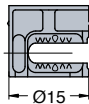
- Available in a variety of head, drive recess and board thickness versions to suit most applications
- Suitable for use with all Titus dowels
- 'Klix' locking feature provides a strong, vibration proof joint
- Linear cam profile results in smooth, easy cam rotation and dowel pull-up



Technical and mounting details

B	D	e			
Panel thickness	Drilling depth	Drilling for dowel	Item number	Nickel	Zinc

Cam2000
Ø15



12/13	10min	6-6.5	*05587 →	847	885
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15/16	12.7	7.5-8	05654 →	847	885
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22/23	16	11-11.5	05657 →	847	885
-------	----	---------	----------------	-----	-----

25/26	17.9	12.5-13	05676 →	847	885
-------	------	---------	----------------	-----	-----

28/29	19.4	14-15.5	05678 →	847	885
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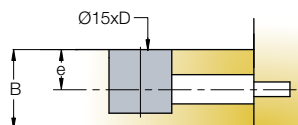
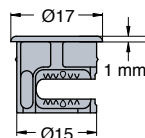
Other finishes on request

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

500 Pcs (05676, 05678)
1000 Pcs

Made of zinc

Cam2000
Ø15 headed



12	10min	6	*05586 →	847	885
----	-------	---	-----------------	-----	-----



13	10.9min	6.5	05652 →	847	885
----	---------	-----	----------------	-----	-----

16	12.9	8	05658 →	847	885
----	------	---	----------------	-----	-----

19	13	9.5	05659 →	847	885
----	----	-----	----------------	-----	-----

23	14.5	11.5	05675 →	847	885
----	------	------	----------------	-----	-----

26	16.5	13	05677 →	847	885
----	------	----	----------------	-----	-----

29	19.4	14.5	05679 →	847	885
----	------	------	----------------	-----	-----

Other finishes on request

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

500 Pcs (05675, 05677, 05679)
1000 Pcs

Made of zinc



Cover caps for Ø15 cams
Made of plastic

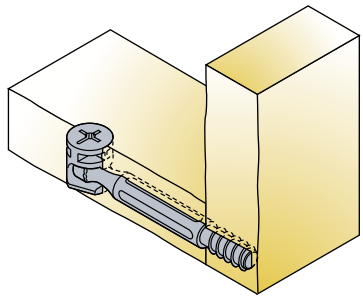
→ see page 1.65

System 5

Cams and Dowels

Ø12mm Cam2000

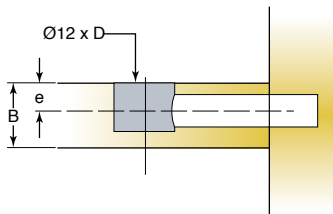
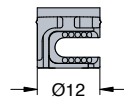
- Suitable for all Titus screw-in dowels
- Available in a variety of head, drive recess and board thickness versions to suit most applications
- Particularly suited to drawer front attachment applications
- 'Klix' locking feature provides a strong, vibration proof joint
- Linear cam profile results in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



Technical and mounting details

B	D	e					
Panel thickness	Drilling depth	Drilling for dowel	Item number	Black painting plate	Nickel plated	Zinc	Corrosil zinc
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	
<i>Other finishes on request</i>							

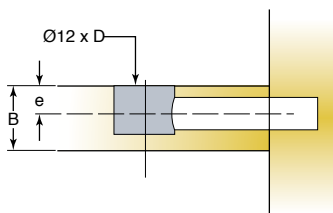
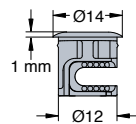
Cam2000
Ø12



2000 Pcs

Made of zinc

Cam2000
Ø12 headed



1000 Pcs
2000 Pcs (05576)

Made of zinc

12	9.2 min	5.25	05574 →	838	847	885	897
12	10 min	6	05576 →			885	
16	12.5	8	05579 →			885	
<i>Other finishes on request</i>							

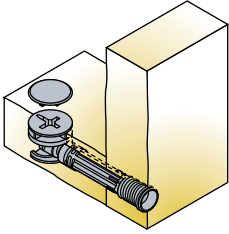
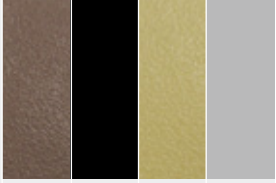

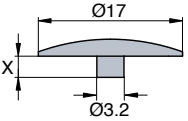


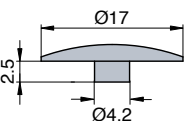



Cover caps for Ø12 cams
Made of plastic

→ see page 1.65

System 5 Cover Caps

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

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

System 6

Quickfit-Expando

Connectors

System Features

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

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

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

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

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

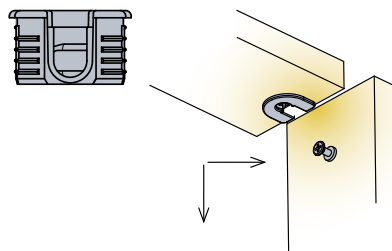
Applications

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

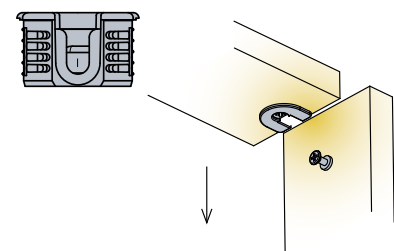
edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry Drop-on

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

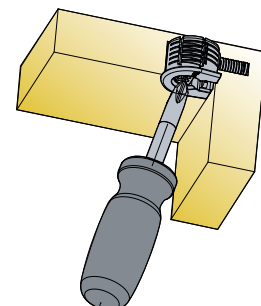


Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Angledrive feature

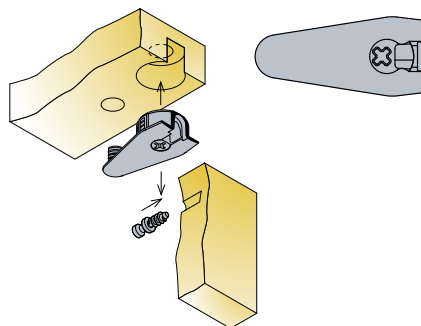
The angledrive feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.



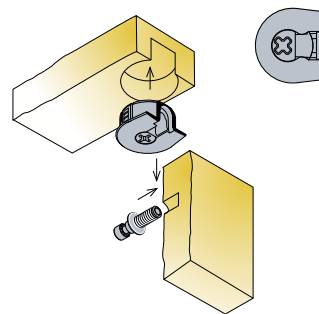
System Features

Outrigger/ Non outrigger

Outrigger

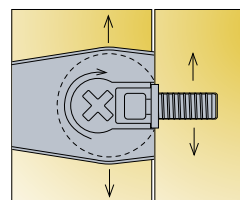
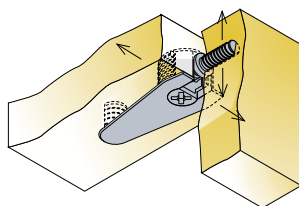


Non outrigger



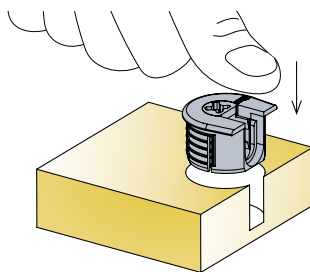
Expando function

Expanding housings and dowels provide a tight joint.

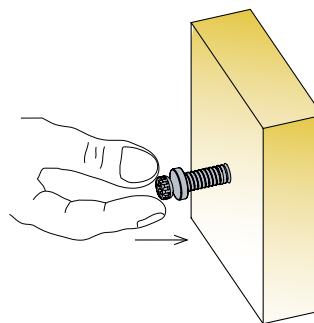


Assembly

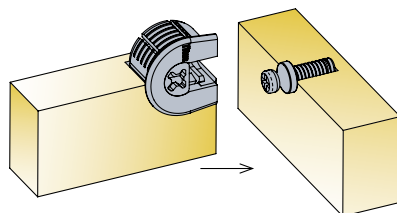
1. Press the housing into face board



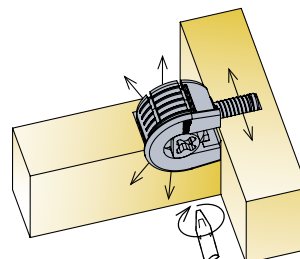
2. Press the dowel into side panel



3. Assemble the panels



4. Tighten the joint

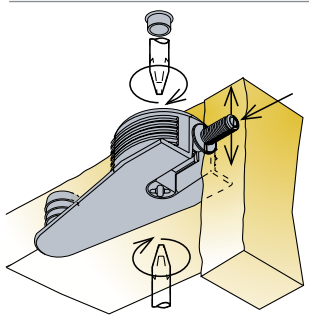


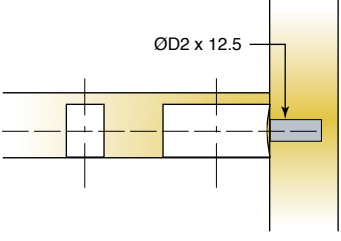

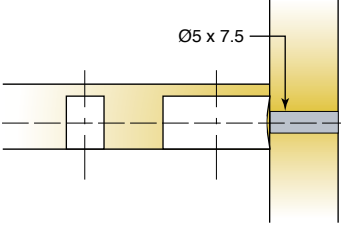


System 6

Quickfit-Expando

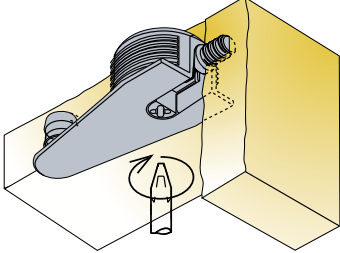



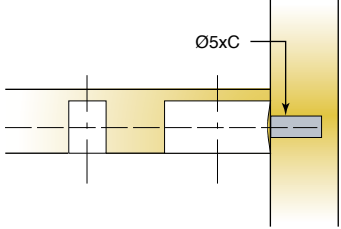



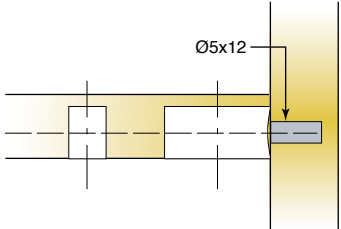



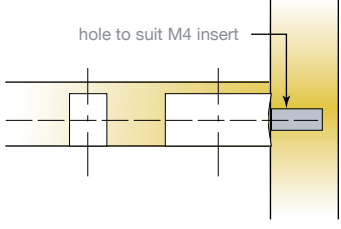



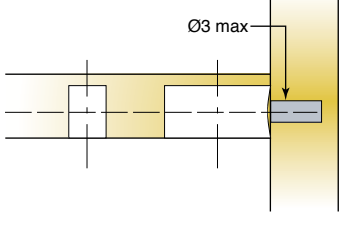

Expanding Dowels

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

 <p>Technical and mounting details</p>	D2	Drilling diameter for dowel thread	Item number	Dark grey
<p>Dowel</p>  <p>D2= Ø5mm</p>  <p>D2= Ø8mm</p>  <p>Ø2 x 12.5</p> <p>5000 Pcs Made of zinc, plastic</p>		<p>5</p> <p>8</p>	<p>06408 →</p> <p>06410 →</p>	<p>880</p> <p>880</p>
<p>Dowel Ø5 x 7.5 back-to-back applications</p>   <p>Ø5 x 7.5</p> <p>5000 Pcs Made of zinc, plastic</p>		<p>5</p>	<p>06479 →</p>	<p>880</p>

System 6 Quickfit-Expando Dowels

- Available in various Ø3mm and/or Ø5mm thread forms for screw-in, knock-in and/or 'spiked' hole applications
- Suitable for applications with all Titus Ø20mm and Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Dowels feature an integral skirt which acts as a positive stop during insertion

 Technical and mounting details		C	Drilling depth for dowel thread	Item number		
					Zamak	Zinc plated
Dowel Ø5     2000 Pcs Made of zinc or steel	9	06401 →	885			
	8	06402 →	885	883		
	11.5	06406 →	885	883		
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		

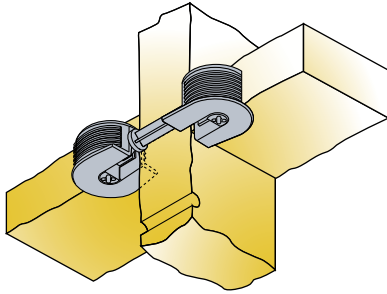
 Inserts
Made of plastic → see page 1.59

System 6

Quickfit-Expando

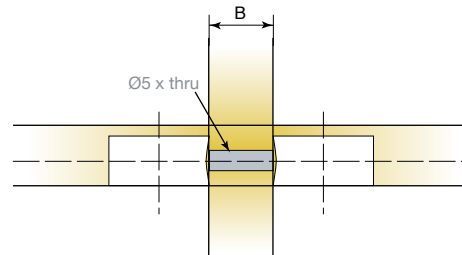
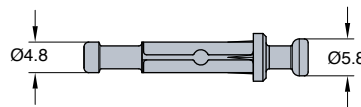
Double-ended Dowels

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



Technical and mounting details

Double-ended dowel



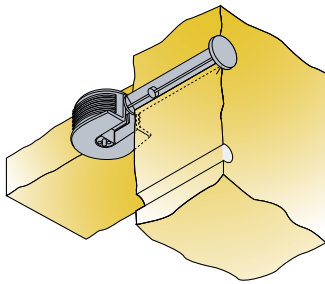
B	Item number	Zinc
Panel thickness		
16	06414 →	885
18	06413 →	885
19	06416 →	885

 2500 Pcs

Made of zinc

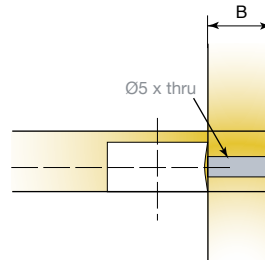
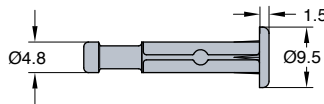
System 6 Quickfit-Expando End Dowels

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



Technical and mounting details

End dowel



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

2000 Pcs
1000 Pcs (06411)

Made of zinc


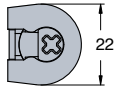
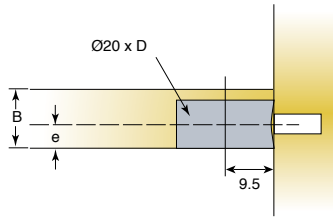

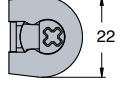
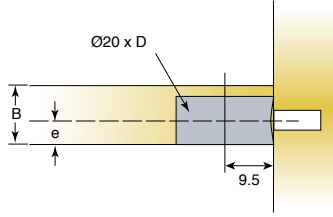

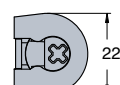
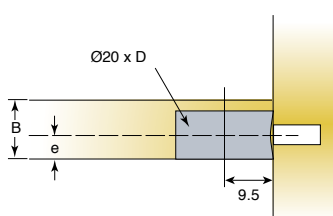

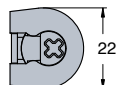
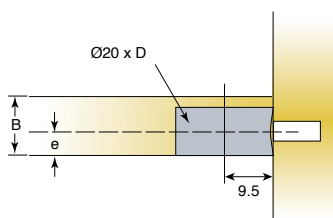
System 6

Quickfit-Expando

20mm Expanding Housing

Non-outrigger

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

Technical and mounting details				e	B	D					
				Drilling for dowel	Panel thickness	Drilling depth	Item number	Dark brown plastic	Nickel plated	Silver plastic	White plastic
Side-entry    500 Pcs Made of zinc	7.75	15/16	12.5	06451 →		847					
	9.25	18/19	14	06453 →		847					
Side-entry    2500 Pcs Made of plastic	7.75	15/16	12.5	06435 →	831		861	877			
	9.25	18/19	14	06437 →	831		861	877			
<i>Other colours on request</i>											
Drop-on    500 Pcs Made of zinc	7.75	15/16	12.5	06447 →		847					
	9.25	18/19	14	06449 →		847					
Drop-on    2500 Pcs Made of plastic	7.75	15/16	12.5	06431 →	831		861	877			
	9.25	18/19	14	06433 →	831		861	877			
<i>Other colours on request</i>											


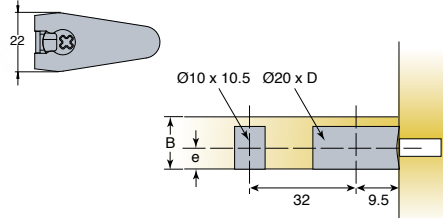

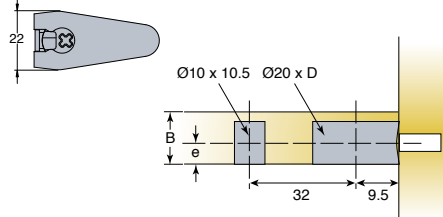

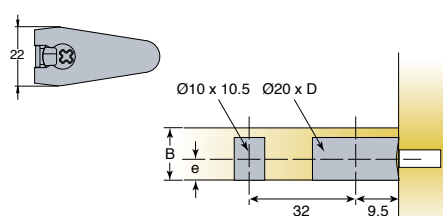

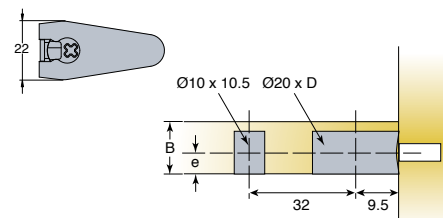
System 6

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

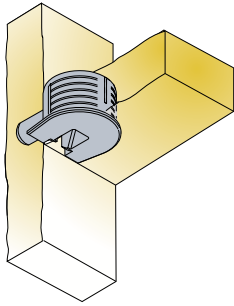
Technical and mounting details		e	B	D	Item number	Dark brown plastic	Black plastic	Nickel plated	White plastic
		Drilling for dowel	Panel thickness	Drilling depth					
Side-entry  500 Pcs Made of zinc		7.75	15/16	12.5	06459 →			847	
		9.25	18/19	14	06461 →			847	
Side-entry  1250 Pcs Made of plastic		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
<i>Other colours on request *American market only</i>									
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
<i>Other colours on request *American market only</i>									

System 6

Quickfit-Expando

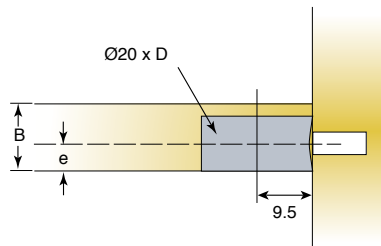
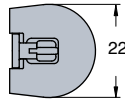
Expanding Wedgefix Housing (no Inner Cam)

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



Technical and mounting details

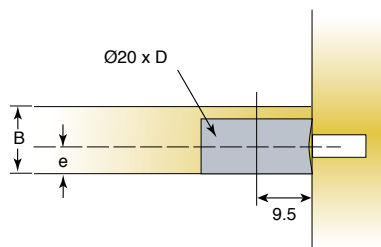
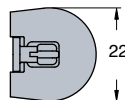
For use with screw-in dowels



2500 Pcs

Made of plastic

For use with Quickfit dowels



2500 Pcs

Made of plastic

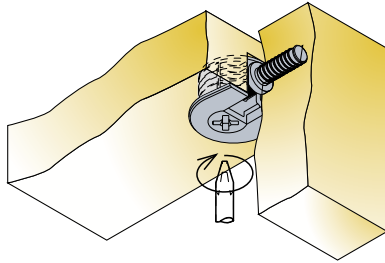
e	B	D	Item number	Colours			
				White	Black	Dark brown	Silver
6	12	10	06470 →	877			861
7.75	15/16	12.5	06473 →	877	835	831	861
9.25	18/19	14	06465 →	877	835	831	861
11	22	16	06464 →				861
<i>Other colours on request</i>							
7.75	15/16	12.5	06471 →	877	835	831	861
9.25	18/19	14	06472 →	877	835	831	861
<i>Other colours on request</i>							

System 6

20mm Knock-in Housing

Non-outrigger

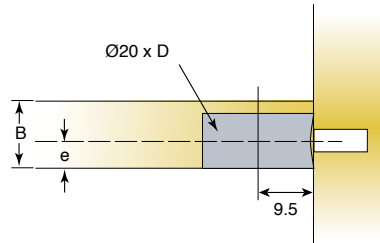
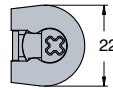
- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in plastic-metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels



Technical and mounting details

e	B	D	Item number	Silver plastic	White plastic
Drilling for dowel	Panel thickness	Drilling depth			

Side-entry



7.75	15/16	12.5	06381 →	861	877
9.25	18/19	14	06385 →	861	877

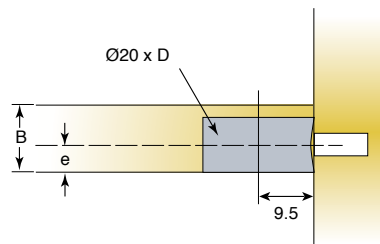
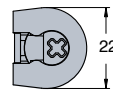
Product available on American and Asian market only

Other colours on request

2500 Pcs

Made of plastic

Drop-on



7.75	15/16	12.5	06383 →	861	877
9.25	18/19	14	06387 →	861	877

Product available on American and Asian market only

Other colours on request

2500 Pcs

Made of plastic

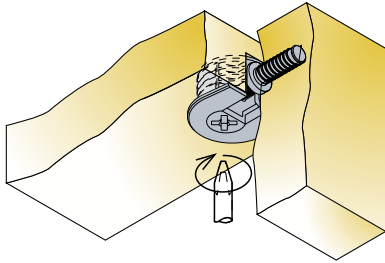
Cover cap 06936
Made of steel

System 6

Flush 20mm Knock-in Housing Non-outrigger

i For use with dedicated drill bit only.
See below.

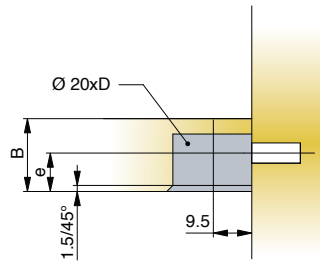
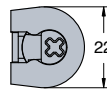
- A face-boring connector with the flush housing permits easy flat-pack transportation without panel damage
- Available for 19mm board thickness for drop-on and/or side-entry applications
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys6 screw-in and Quickfit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



Technical and mounting details

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

Side-entry



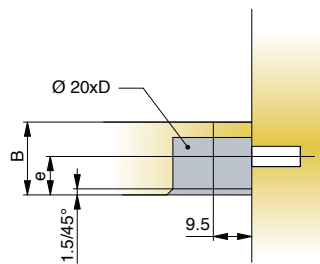
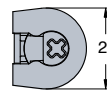
9.5	19	14.2	*06343 →	877
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*American market only

1000 Pcs

Housing made of plastic, cam made of zinc

Drop-on



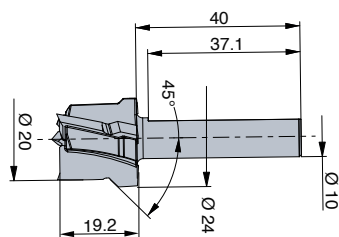
9.5	19	14.2	*06348 →	877
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*American market only

1000 Pcs

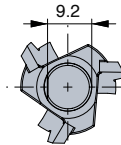
Housing made of plastic, cam made of zinc

Drill bit for Flush 20mm Knock-in housing



right handed

left handed



			00435	
			00436	

*American market only

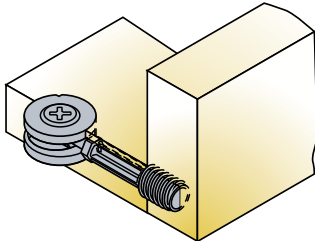

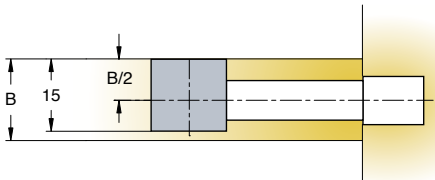


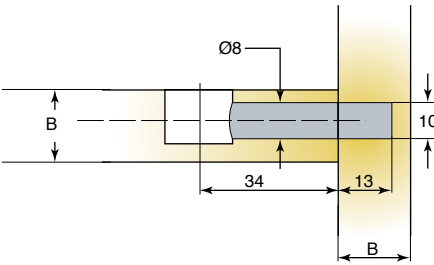

1 Pcs

Made of carbon steel

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

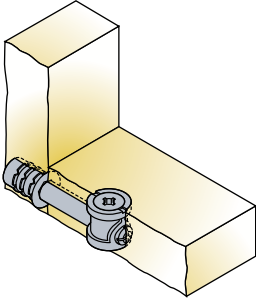

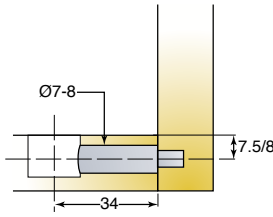

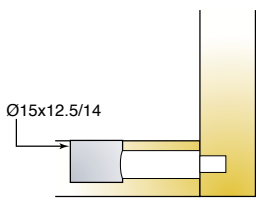


Technical and mounting details		B	Panel thickness	Item number	Zinc
 <p>Cam Ø20</p>					
 			18	05409 →	885
 500 Pcs Made of zinc					
<p>Dowel Ø7 Ø10 mm thread</p>  			min 18	05410 →	885
 500 Pcs Made of zinc					

System 7

High Strength Connectors

Contract Fix™ System

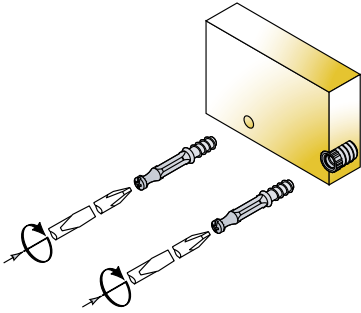

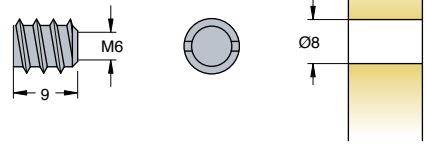

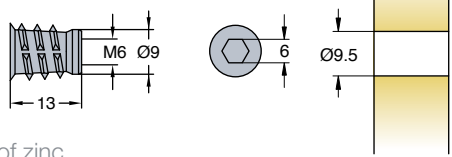

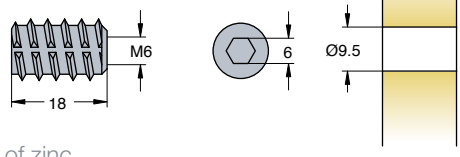

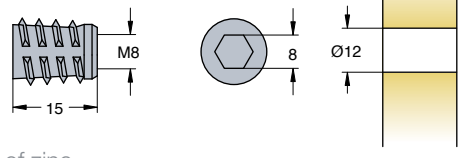

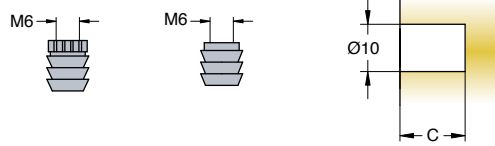
- High performance fastener
- Thread design gives repeatability
- Multi-drive recess
- Higher than average pull up

 <p>Technical and mounting details</p>	Item number	Zinc plated	Zinc
<p>M6 Dowel 7x34</p>   <p>1000 Pcs Made of steel</p>	05971 →	883	
<p>Housing cylinder 15x12</p>   <p>1000 Pcs Made of zinc</p>	05960 →		885
<p>Grub screw</p>  <p>2500 Pcs Made of zinc</p>	05917 →		885
<p>Inserts Made of zinc</p>  <p>→ see page 1.59</p>			

Accessories for Connectors

Inserts

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

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

