



# Cabinet Connectors

# Cabinet Connectors

## Product Guide

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face boring expanding connectors for all cabinet applications

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## Cabinet Fittings

### Shelf Supports

the broad range of shelf supports suits a variety of shelf thicknesses

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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.

Total quantity  
of parts

5 8 6 3 7  
6 1 5 2 4  
1 6 9 7 1  
8 2 1 5 4 9

+ Actions  
to assemble



× Number of  
types of parts

1 2 3 4 5 6  
1 2 3 4 5  
1 2 3 4  
1 2 3  
1

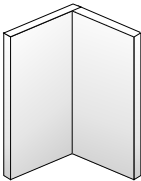
(T+A)N = CAF

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

- High customer satisfaction
- Improved productivity
- Higher profits

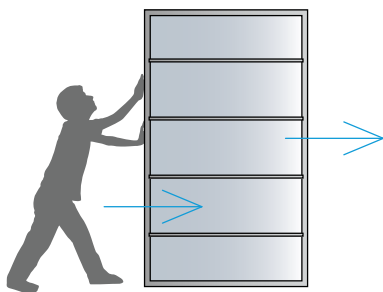
#### How does it work?

Comparative CAF scores  
to assemble a hand held  
demonstrator



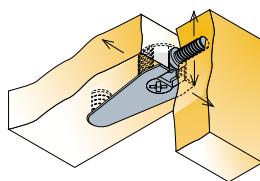
	T	A	N	CAF
Connecting screw (traditional assembly)	4	38	3	126
Cam & dowel with single start thread	6	21	4	108
Cam & dowel with twinstart thread	6	15	4	84
Cam & TL2 dowel (self-assembly)	6	7	4	52
Cam & TL2 dowel (factory pre-inserted)	2	3	2	10
Quickloc	2	3	1	5
Fully assembled demonstrator	1	0	1	1

# Cabinet Connectors



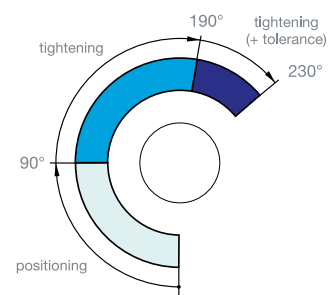
## Strong and reliable joint

- High resistance to torsion and pull-out
- Consistent performance even in case of repeatable assembly of furniture



## Quickfit Expando

- Expanding housing and dowels provides a tight joint
- Tool-free insertion



## 2 o'clock Lock

- Assures smooth tightening and greater dowel pull-up

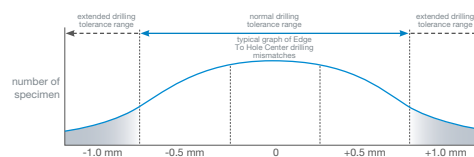


## CAF Quick & Easy

Consumer Assembly Friendliness

### Easy and Quick assembly

- Titus connectors provide consumers with easy assembly and furniture producers with increased productivity:
- Reduced number of assembly parts
- Easy assembly instruction
- Security of packed



### High Drilling Tolerances

- Extended dowel head form works as a positive stop against cam and provides drilling tolerances of  $\pm 1$  mm on drilling operation

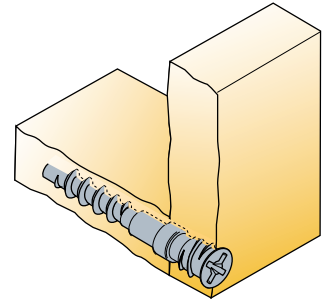
# System 1

## 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

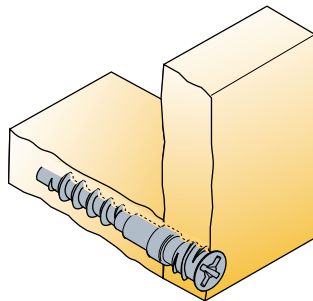


# System 1

## 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

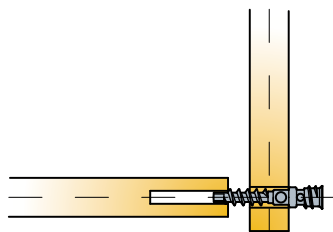
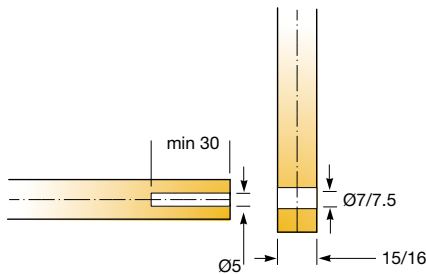
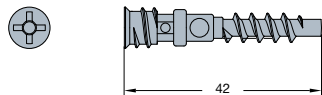
Item number

Zinc

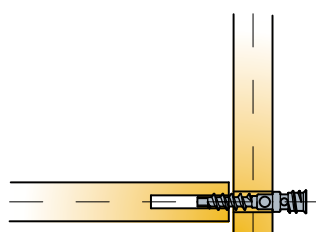
Screw 6x42

00180 →

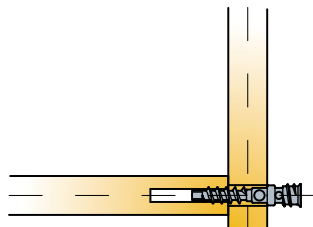
885



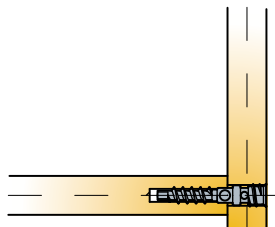
1. Insert screw to shoulder in face board



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

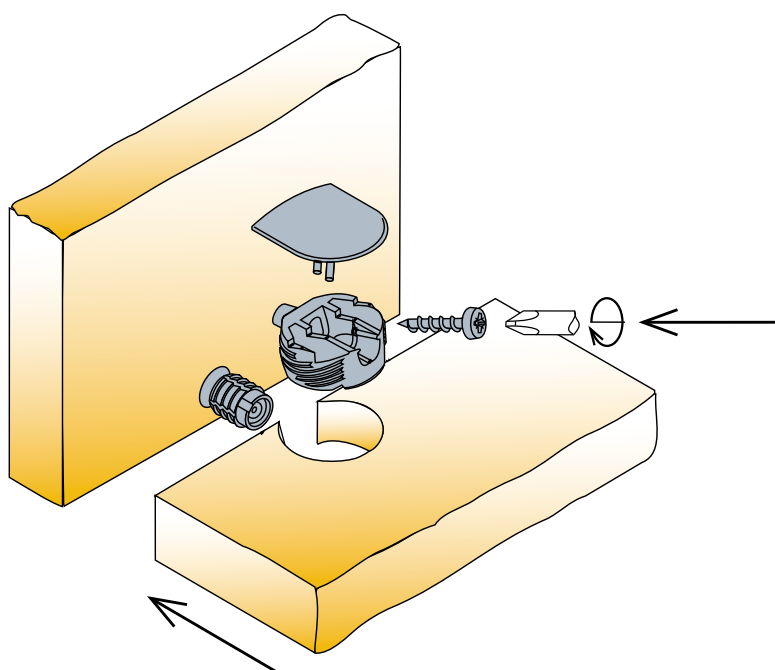
# System 2

## 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



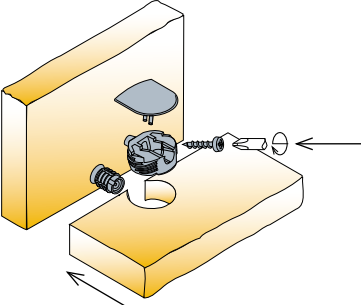

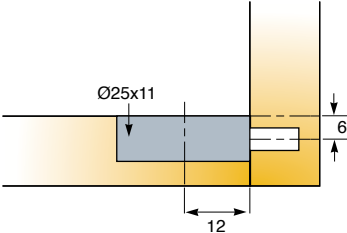





# System 2

## 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

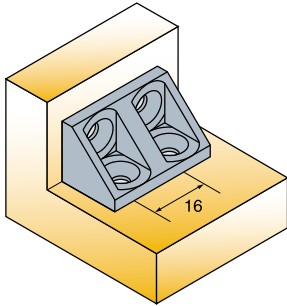
 <p>Technical and mounting details</p>		Item number				
<p>Housing (no nose)</p>   <p>2500 Pcs      Made of plastic</p>		*02985 →			877	
		*European market only				
<p>Screw panhead No 8 x 17.6</p>  <p>2500 Pcs      Made of plastic</p>		01709 →				883
<p>Cover cap</p>  <p>7000 Pcs      Made of plastic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



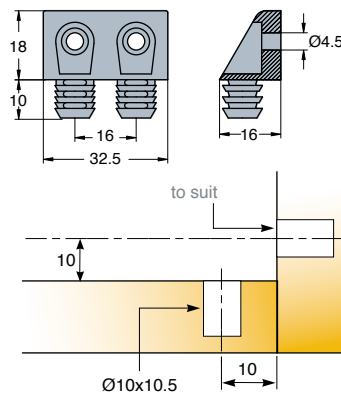
## System 2

# Fittings for Face-boring Applications

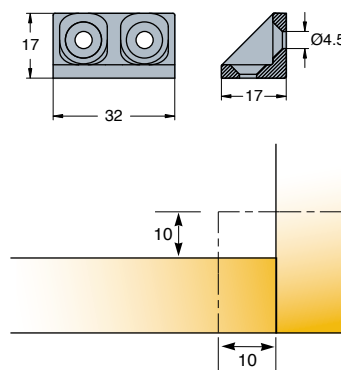
- Range of fixing blocks for multiple applications
- Face drilling only required
- Durable plastic material is flexible providing greater holding power
- Choose screw fastening or hammer insertion



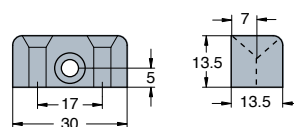
## Technical and mounting details



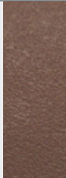


Made of plastic



Made of plastic



Made of plastic

				
Item number	Dark brown	Light brown	Ivory	White
02075 →↗	831	867		877
02077 →↗			875	877
*06073 →↗		867		877
*European market only				



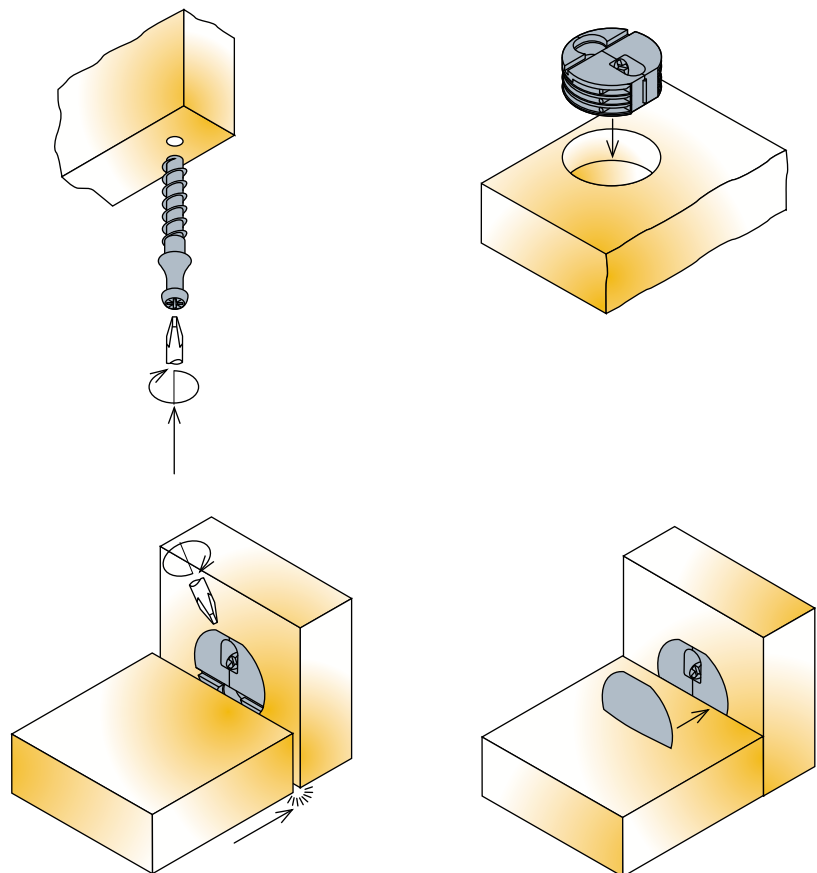
# System 3

## Fittings for Face and Edge Boring

### System Features

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

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

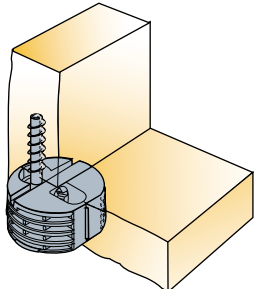
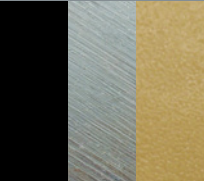

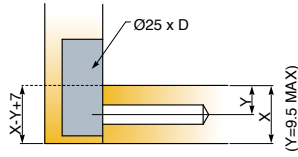


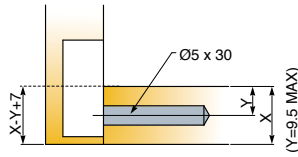


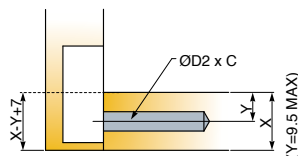






# System 3

## Fittings for Face and Edge Boring

### Concealed Housing

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

 Technical and mounting details		C	D	D2	Item number	 Black    Zinc plated    Yellow passivate    White			
		Drilling length for dowel	Drilling depth for housing	Drilling diameter for dowel thread					
<b>Housing assembly</b>    X, Y - depends on board thickness	 2500 Pcs    Made of plastic or zinc, plastic		12.5		<b>03118</b> →	835			877
			11		<b>03121</b> →	835			
		Other colours on request							
<b>Screw dowel Ø5</b>    X, Y - depends on board thickness	 1000 Pcs    Made of zamak	30		5	<b>03168</b> →		883		
<b>Screw dowel Ø3</b>    X, Y - depends on board thickness	 5000 Pcs (03180) 4000 Pcs (03181) 1000 Pcs (03190)    Made of steel	11		3.75	<b>03181</b> →			881	
		9		3	<b>03180</b> →			881	
		25		3	<b>*03090</b> →		883		
		*American market only							
<b>Cover cap</b>    X, Y - depends on board thickness	 15000 Pcs    Made of plastic				<b>03150</b> →	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

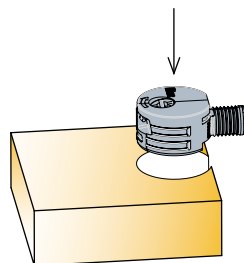
#### Quickloc™ One-piece connector

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

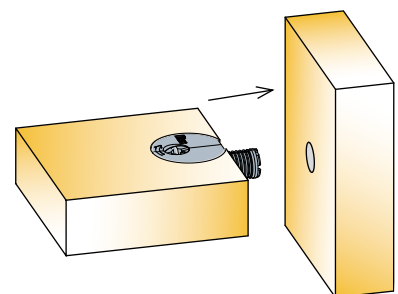
- High degree of drilling tolerance
- Push-in design
- Tool-free insertion
- Integrated expanding housing and dowel provide consistently stronger joints
- 'Klix' locking system

#### Quickloc™ Assembly

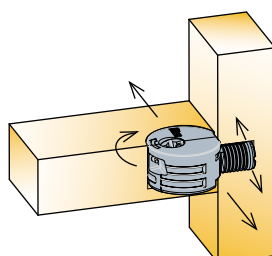
##### 1. Press Quickloc into the face board



##### 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

				
Technical and mounting details		Dark brown	Black	White
Item number				
				
<b>Quickloc Ø20 flanged</b>  		06803 →	831	835
 2500 Pcs         Made of zinc, plastic				
<b>Quickloc Ø20 flush</b>  		06806 →	831	835
 2500 Pcs         Made of zinc, plastic				
<b>Quickloc Ø25 flanged</b>  		06813 →	831	835
 1500 Pcs         Made of zinc, plastic				
<b>Quickloc Ø25 flush</b>  		06839 →	831	835
 1500 Pcs         Made of zinc, plastic				

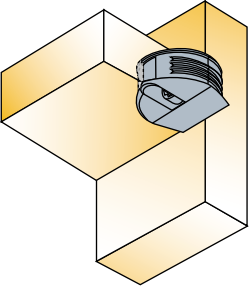

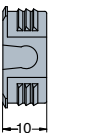
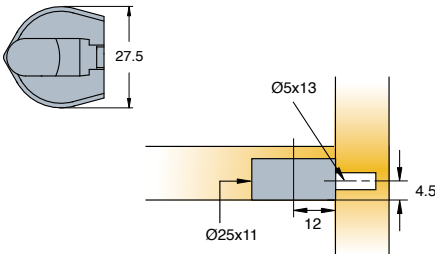

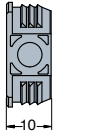
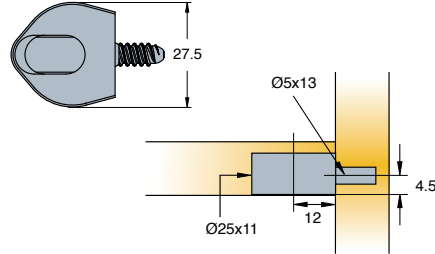

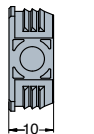
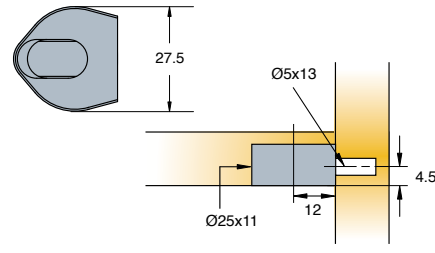

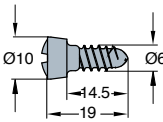
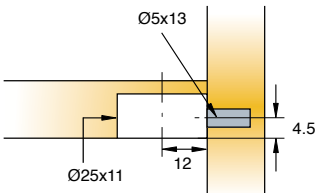
# System 4

## Fittings for

### Face-boring Only

#### Flushbloc™ / Flushfix™

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

Technical and mounting details		Item number	Brown beige	Black	Silver	White	Zinc
<div> <div>  </div> <div> <p><b>Flushfix™</b></p>  <p>2500 Pcs</p> <p>Made of plastic</p> </div> </div> <div>   </div>		02161 →	806		861	877	
		Other colours on request					
<div> <div>  <p><b>Flushbloc™ with screw</b></p> <p>2000 Pcs</p> <p>Made of zinc and plastic</p> </div> <div>   </div> </div>		02193 →		835		877	
		Other colours on request					
<div> <div>  <p><b>Flushbloc™ assembly</b></p> <p>2500 Pcs</p> <p>Made of plastic</p> </div> <div>   </div> </div>		*02190 →		835		877	
		* American market only Other colours on request					
<div> <div> <p><b>Angeldriv screw for use with Flushfix™</b></p>  <p>2000 Pcs (00021) 4000 Pcs (00022)</p> <p>Made of zinc</p> </div> <div>   </div> </div>		round head 00021 →					885
		flat head 00022 →					885

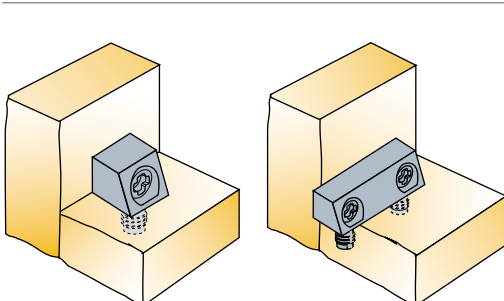


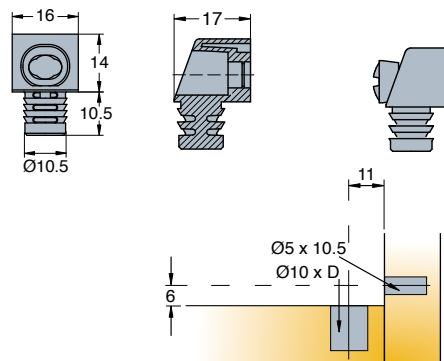

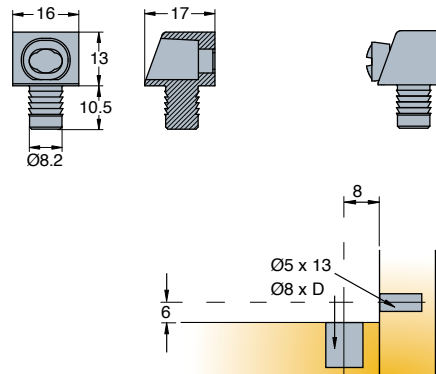

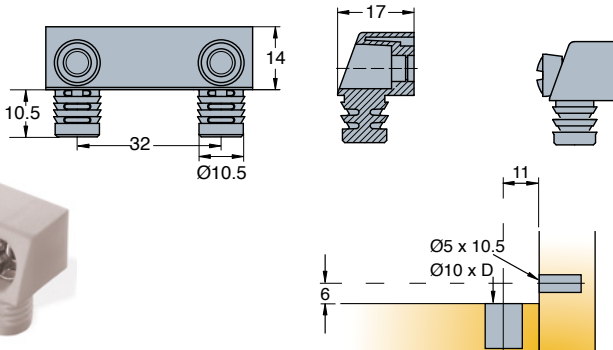
# System 4

## Fittings for

### Face-boring Only

### Minibloc™ / Twinbloc™

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

		D					
Technical and mounting details		Drilling depth	Item number	Dark brown	Black	Silver	White
<b>Minibloc Ø10</b>  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					
<b>Minibloc Ø8</b>  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					
<b>Twinbloc Ø10</b>  1000 Pcs Made of zinc, plastic		11	02130 →		835	861	877
		11	* 02139 →		835		877
		* Assembly with screw Other colours on request					

Angeldriv screw → see page 1.17



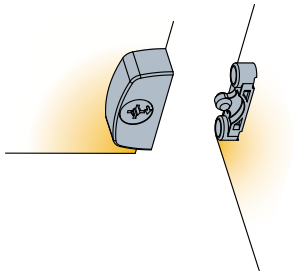
# System 4

## Fittings for

### Face-boring Only

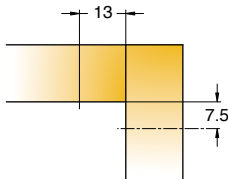
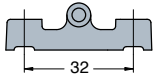
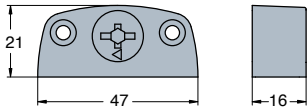
#### Cambloc

- 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

Screw-on



Item number

279-9187

Zinc plated  
+ white housing

960

Zinc plated  
+ brown housing

970

Zinc plated  
+ black housing

980



1000 Pcs

Made of plastic, zinc cam



# System 5

## Cams and Dowels

### System Features

#### The most advanced cam and dowel range

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

#### Dowels

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

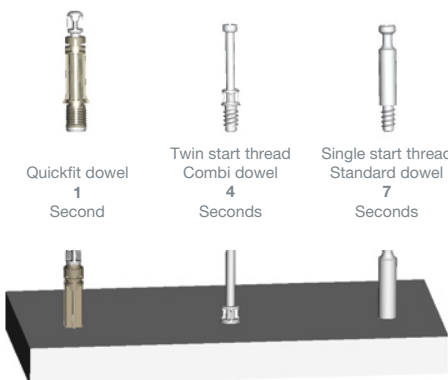
- **Quickfit dowels**  
quick hand insertion, easy assembly
- **Diecast dowels (zinc)**  
precise manufacturing, optimal shape and design
- **Turned dowels (steel)**  
'traditional' design, smooth surface, best strength performance
- **Combi dowels (zinc and steel)**  
high precision of zinc, strength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

#### Titus 'Klix'™

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

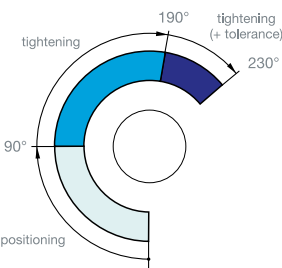
- vibration-proof joint
- rigid construction that will not loosen in service or transit

#### Dowel insertion time comparison



#### 2 o'clock lock Smooth closing

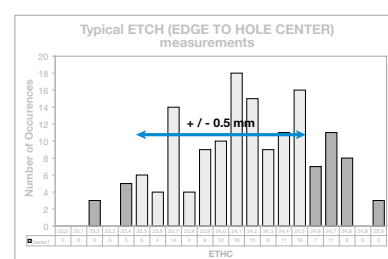
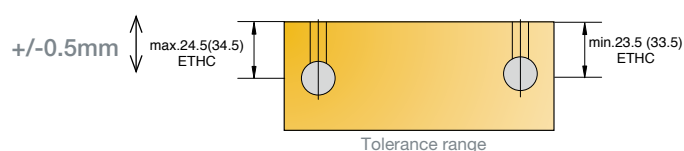
Linear cam profile assures smooth, firm tightening action and greater pull-up. The cam always locks at 2 o'clock lock (230°), enabling greater consumer confidence in use while improving furniture quality.



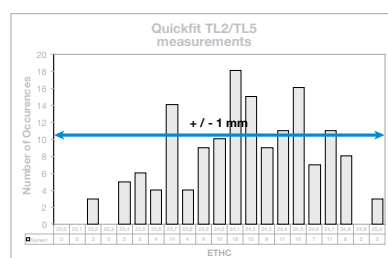
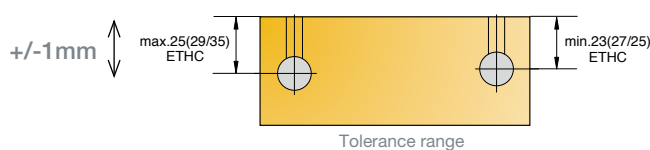
## Drilling tolerances

Optimal performance and perfect joint even with inaccurate drillings.

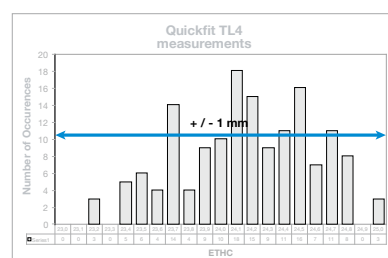
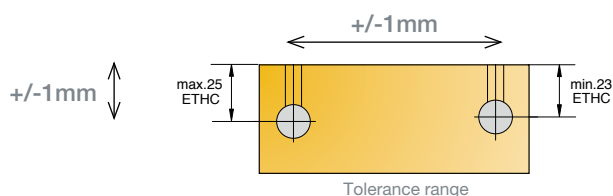
### Zinc/Combi dowel



### Quickfit TL5 dowel, Quickfit TL2 dowel



### Quickfit TL4 dowel

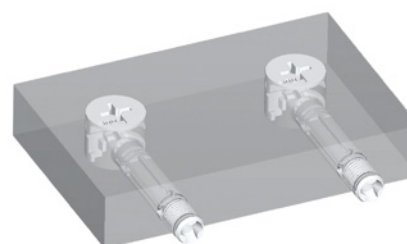


ETHC=Edge To Hole Center

## Dowels for factory insertion

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

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



# System 5

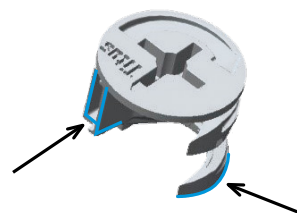
## Cams and Dowels

### Cam5000

#### Highly resistant joint for strong cabinet construction

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

Increased joint resistance enables effective performance in wider tolerance range.



#### Linear cam profile

Linear cam profile ensures:

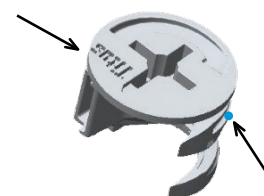
- Smooth tightening action
- Greater dowel pull-up



#### Cam retaining pips

Cam retaining pips ensure:

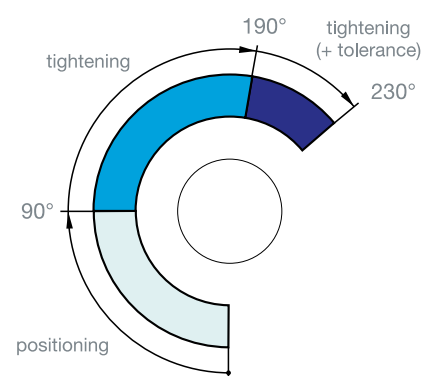
- The cam is held in position prior to assembly
- Secure cam positioning during transport and handling
- Accurate factory insertion



#### 2 o'clock lock

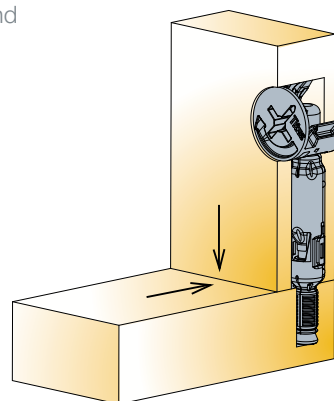
Smooth and noticeable locking at the 2 o'clock position guarantees:

- 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

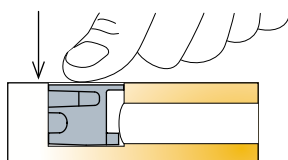
### Quickfit Connectors

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.

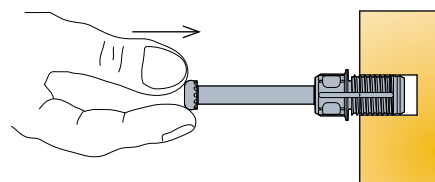
The Quickfit™ range of dowels has been extended to provide a complete family of fittings available in diameters of 5mm, 8mm, 10mm and lengths of 24mm and 34mm. These dowels are compatible with the range of Titus Ø15mm cams.

#### Assembly

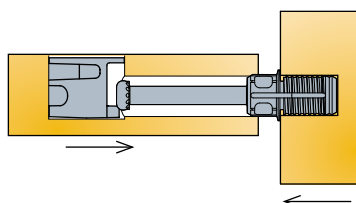
##### 1. Press the cam into face board



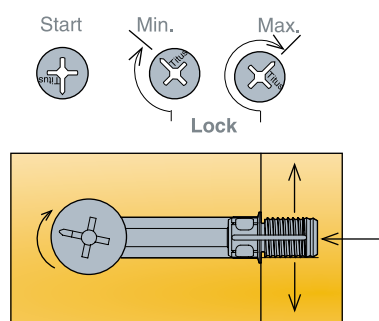
##### 2. Insert the dowel into side panel



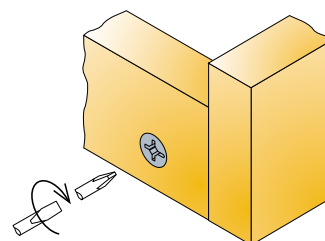
##### 3. Assemble the panels



##### 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.

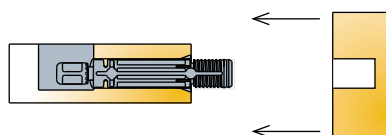
Quickfit-TL™ provides a tolerance of  $\pm 1$  mm on drilling operation while ensuring that the final result is a perfectly precise and aligned joint. No other assembly fittings system can offer such tolerances and still maintain a perfect joint.

### Assembly

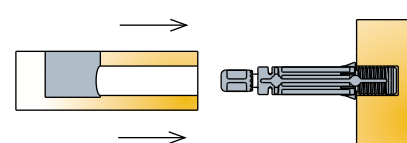
#### 1. Press the cam into face board



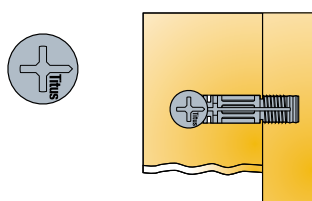
#### 2a. Either push dowel into edge hole or...



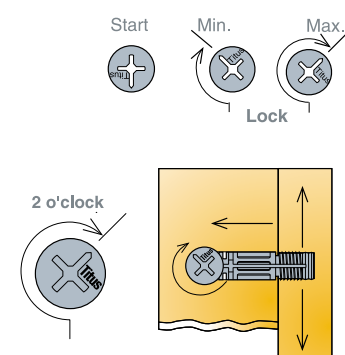
#### 2b. Insert the dowel into side panel



#### 3. Assemble the panels



#### 4. Tighten cam to lock dowel





# System 5

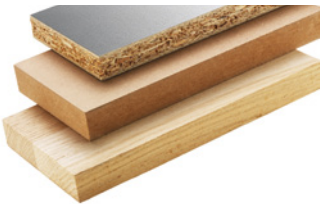
## Cams and Dowels

### Quickfit TL5 'Full Metal Jacket'

#### Effective performance in multiple wooden materials

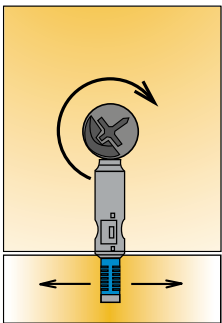
Smooth and noticeable locking at the 2 o'clock position guarantees:

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



#### Strong and reliable joint

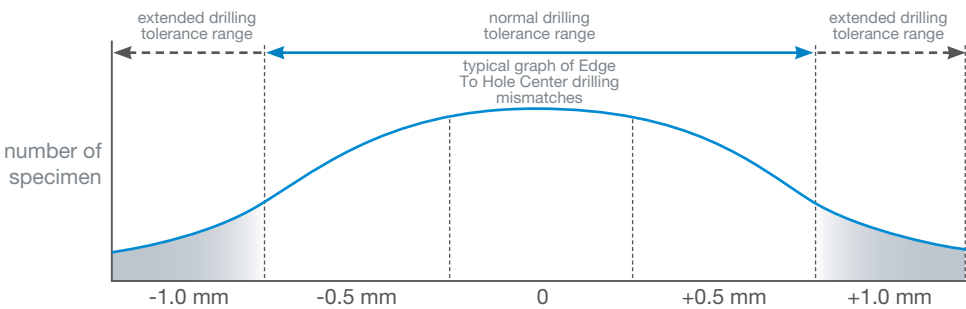
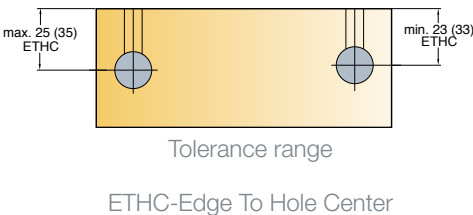
Expanding steel sleeve assures high resistance to torsion and pull-out.



#### 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.



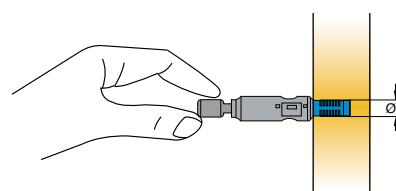
### Shape of dowel sleeve

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



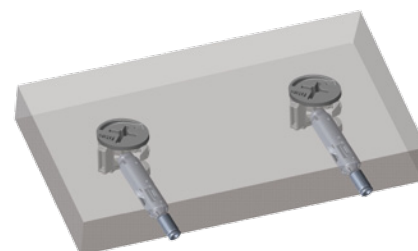
### Tool-free insertion for Ø5mm dowel holes

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.

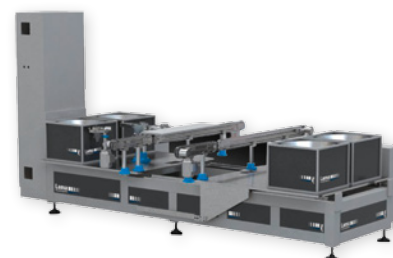


### 50% less time to assemble the cabinet at home

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

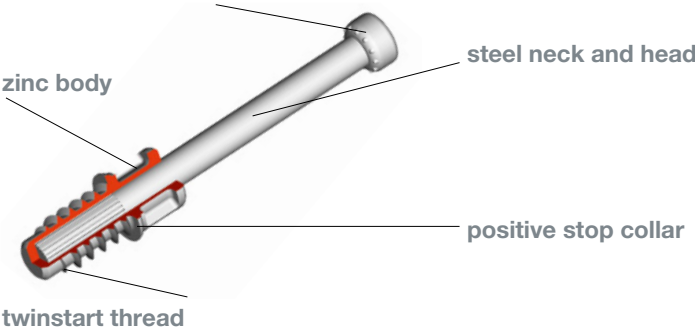
## Cams and Dowels

### Zinc+steel Combi Dowels

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

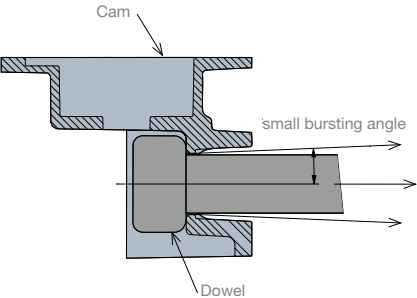
The Combi dowel combines steel and a small amount of zinc to ensure high precision and dimensional accuracy, essential to provide furniture manufacturers with the broadest possible range of drilling tolerances.

toroidal head form

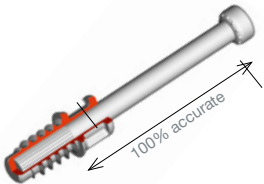


The **steel neck and head** provide better resistance to torsion and pull-out enabling a high performance joint

**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.



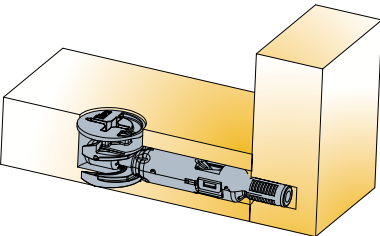
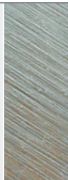

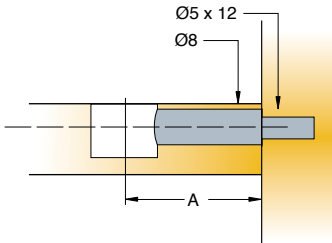
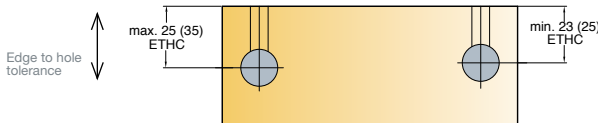


**100% dimensional accuracy**  
assured

# System 5

## Quickfit TL5

'Full Metal Jacket'

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



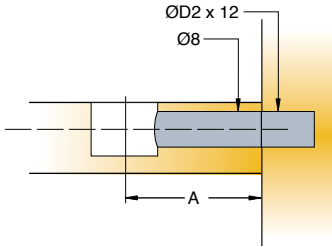
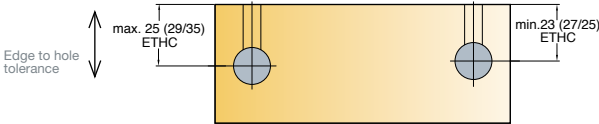


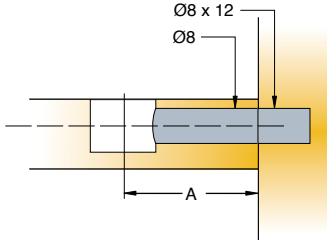
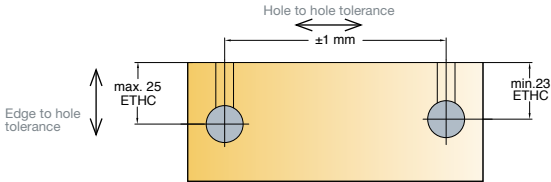

 <p>Technical and mounting details</p>	A		
	Drilling distance	Item number	Zinc corrosil
   <p>Tolerance range</p>	34	09652 →	897
	24	09651 →	897
	 To be used with Cam5000 only		
 2000 Pcs			
Made of steel			

# 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 and Cam5000 products
- ‘Klix’ locking feature provides a strong, vibration proof joint
- Highly tolerant in edge-inserted, TL4 also in face-inserted applications


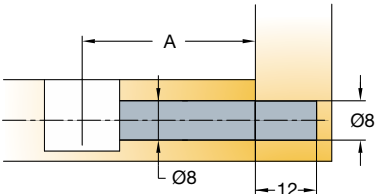

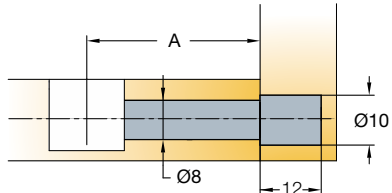

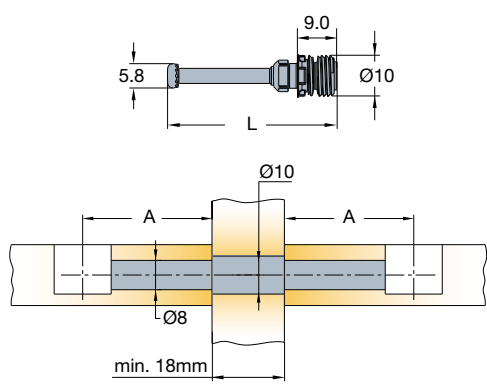
Technical and mounting details		A	D2		
		Drilling distance	Drilling diameter for dowel thread	Item number	
					Black
					Dark grey
<div>Quickfit TL2</div> <div>  <div>D2=Ø5mm</div> </div> <div>  <div>D2=Ø8mm</div> </div> <div>  </div> <div>  <div>Tolerance range</div> </div> <div> <div>  <div>2000 Pcs</div> </div> <div> <div>1000 Pcs (05474)</div> <div>Made of zinc, plastic</div> </div> </div>		24	5	05453 →	880
		34	5	05503 →	880
		24	8	05366 →	880
		28	8	05314 →	880
		34	8	05474 →	880
<div>Quickfit TL4</div> <div>  </div> <div>  </div> <div>  <div>Tolerance range</div> </div> <div> <div>  <div>3000 Pcs</div> </div> <div> <div></div> <div>Made of zinc, plastic</div> </div> </div>		24	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 and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Depth stop collar for accurate insertion

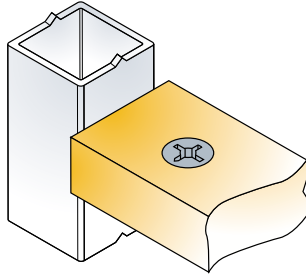
Technical and mounting details		A	L		
		Drilling distance	Total length	Item number	Dark grey
<div>Quickfit dowel Ø8mm</div> <div></div> <div><div>1000 Pcs (05556,05552)</div><div>2000 Pcs (05563, 05554)</div></div>	<div></div> <div>Made of zinc, plastic</div>	20		05556 →	880
		24		05563 →	880
		28		05552 →	880
		34		05554 →	880
<div>Quickfit dowel Ø10mm</div> <div></div> <div><div>2000 Pcs</div></div>	<div></div> <div>Made of zinc, plastic</div>	24		05052 →	880
		34		05050 →	880
<div>Quickfit dowel For back-to-back application</div> <div></div> <div><div>1000 Pcs</div></div>	<div></div> <div>Made of zinc, plastic</div>	24	30.5	05270 →	880
		34	40.5	05147 →	880

# System 5

## Cams and Dowels

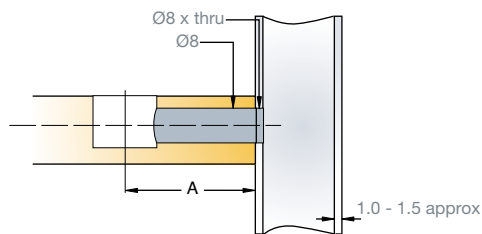
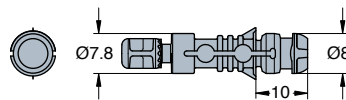
### Quickfit P2F Dowels

- The only product to enable standard panel drilling and connection of panel and hollow profile
- Available in Ø8mm for panel-to-hollow profile applications
- Suitable for use with all Ø15mm Cam2000, Cam3000 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



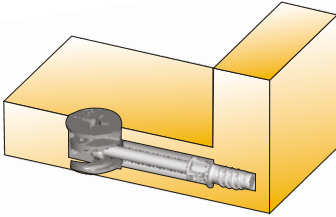

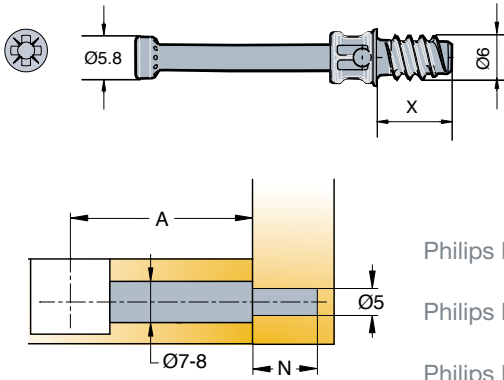


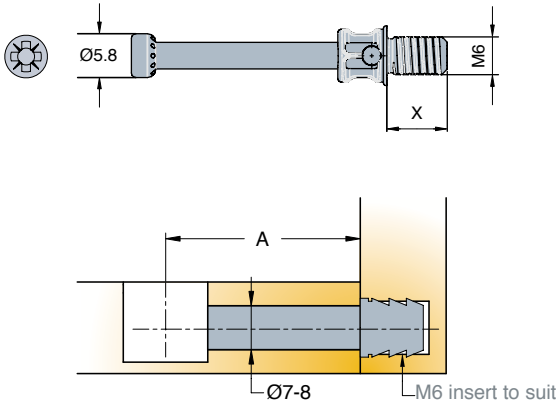



Made of zinc, plastic

# System 5

## Cams and Dowels

### Combi Dowel

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


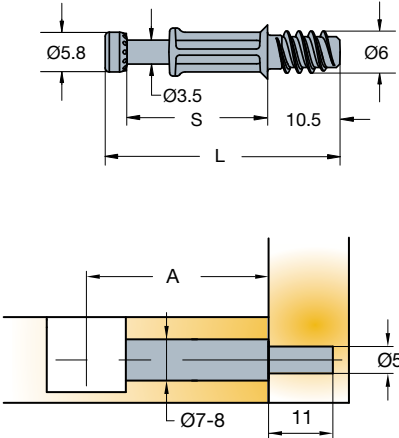


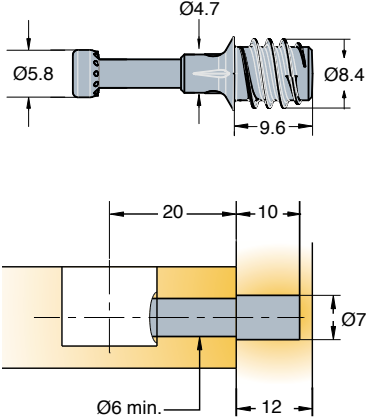

		A	N	X		
Technical and mounting details		Drilling distance	Drilling depth	Thread length	Item number	Zinc
<b>Combi dowel Ø5</b>   <p>Philips PH2 head</p> <p>Philips PH2 head</p> <p>Philips PH2 head</p>	34	12	11	09435 →	885	
	28	10	9.5	09588 →	885	
	24	12	11	09443 →	885	
	24	9	8.5	09583 →	885	
	34	12	11	*09424 →	885	
	24	12	11	*09423 →	885	
	34	9	8.5	*09456 →	885	
 1000 Pcs *2000 Pcs		Made of steel and zinc				
<b>Combi dowel M6</b>   <p>M6 insert to suit</p>		34		8	09592 →	885
		34		10.5	09594 →	885
 1000 Pcs		Made of steel and zinc				
 Inserts Made of zinc		→ see page 1.61		 Inserts Made of plastic		→ see page 1.62




# System 5

## Cams and Dowels

### Combi Dowel

					S	L	A		
Technical and mounting details							Drilling distance	Item number	Zinc
Combi dowel Ø5 Full body					PZ2 head				
 					20.6	34.5	24	09597 →	885
 2000 Pcs           Made of steel and zinc									
Combi dowel Ø7					Philips PH2 head				
 							20	09430 →	885
 1000 Pcs           Made of steel and zinc									


 Inserts  
Made of plastic

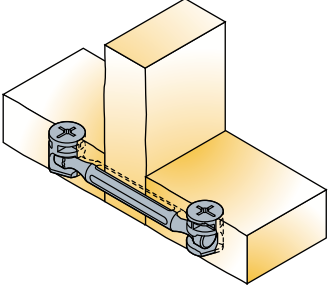

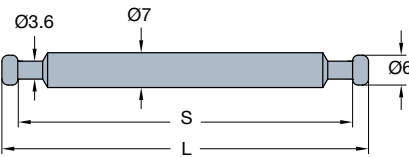
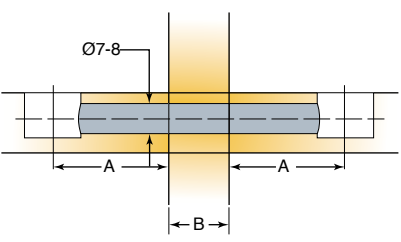


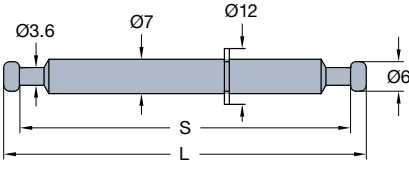
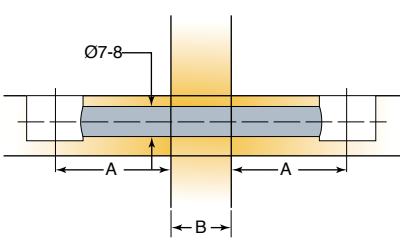

→ see page 1.62

# System 5

## Cams and Dowels

### Double-ended Dowel

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

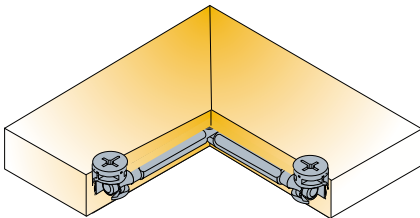

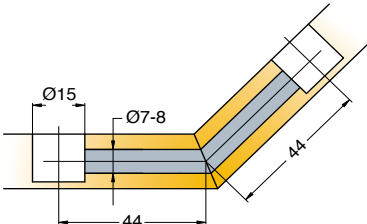
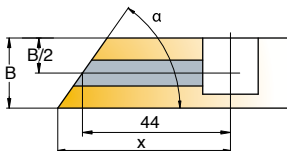


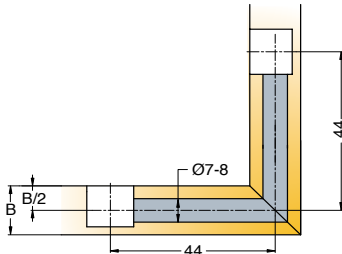

 Technical and mounting details		S	L	A	B	Item number	Zinc plated
<b>Dowel without circlip</b>     250 Pcs (05753) 500 Pcs (05857) 1000 Pcs (05929) Made of steel		41	47.4	24	0*	<b>05929</b> →	883
		61	67.4	34	0*	<b>05757</b> →	883
		77	83.4	34	16	<b>05858</b> →	883
		79	85.4	34	18	<b>05859</b> →	883
		80	86.4	34	19	<b>05753</b> →	883
		56	62.4	24	15	<b>05592</b> →	883
		57	63.4	24	16	<b>05857</b> →	883
		59	65.4	24	18	<b>05380</b> →	883
		60	66.4	24	19	<b>05778</b> →	883
		*B=0 → no panel required					
<b>Dowel with circlip</b>     250 Pcs 500 Pcs (05775, 05774) Made of steel		77	83.4	34	16	<b>05752</b> →	883
		79	85.4	34	18	<b>05772</b> →	883
		80	86.4	34	19	<b>05751</b> →	883
		57	63.4	24	16	<b>05775</b> →	883
		60	66.4	24	19	<b>05774</b> →	883

# System 5

## Cams and Dowels

### Angled Dowels

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

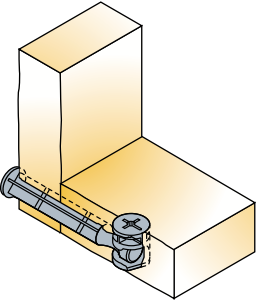

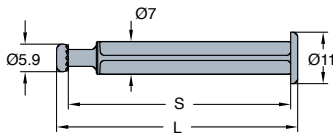
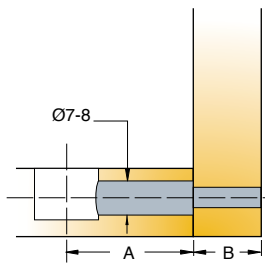
		Technical and mounting details		Item number	Zinc plated										
Angled dowel 180° fixed		05860 →		883											
															
Distance x in mm															
α	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	67,5°	70°	75°	80°	85°
13	61.9	57.9	55.3	53.5	51.7	50.5	49.5	48.6	47.8	47	46.7	46.4	45.7	45.1	44.6
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
	19	70.1	64.4	60.5	57.6	55.3	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
	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
															x
 250 Pcs		Made of steel				05282 →		883							
Angled dowel 90° fixed						 250 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 and Cam5000 products
- 'Klix' locking feature provides a strong, vibration proof joint
- Both 'mushroom' and countersunk headed versions available

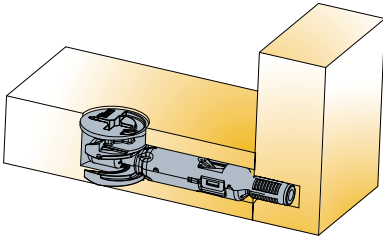


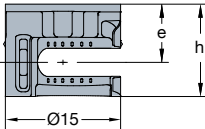
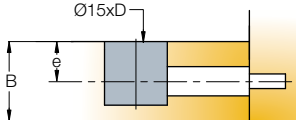



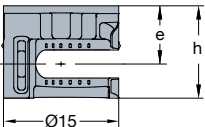
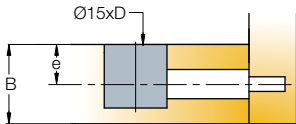
 <div>Technical and mounting details</div>		A	B	S	L		
<div>Mushroom dowel</div>   	Drilling distance	Panel thickness	Length	Total length	Item number	Zinc	
	24	16	36.5	40.5	05608 →	885	
	24	19	39.5	43.5	05609 →	885	
	34	16	46.5	50.5	05610 →	885	
	34	19	49.5	53.5	05611 →	885	
</							

# 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 cam is held in panel position prior to assembly

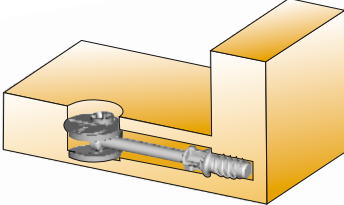




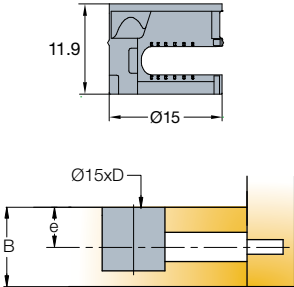



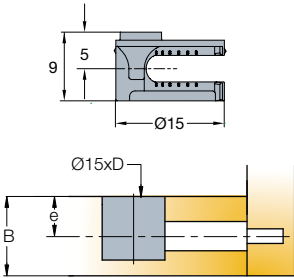



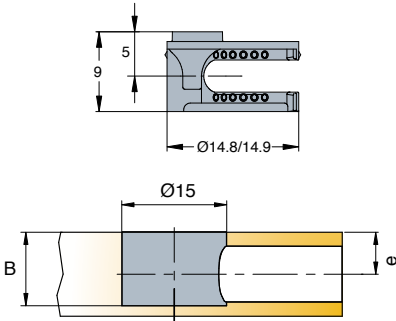


		Technical and mounting details					
		12/13	10.5	6 min	9.9	09695 →	885
		15/16	12.5	7.5-8	11.9	09690 →	885
		Use standard cover caps with pin=Ø4mm					
							
1000 Pcs		Made of zinc					
		combined drive with HEX					
		15/16	12.5	7.5-8	11.9	09699 →	885
		18/19	14	9-9.5	13.2	09692 →	885
		Use standard cover caps with pin=Ø4mm Black available upon request					
							
1000 Pcs		Made of zinc					

# System 5

## Cams and Dowels

### Ø15mm Cam3000 S

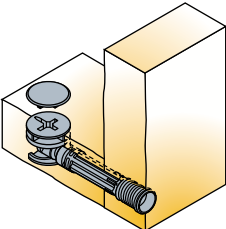
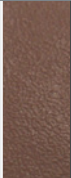

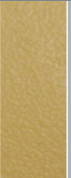
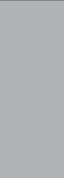

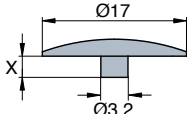

- Innovative design offers optimal performance with maximum cost effectiveness
- Suitable for use with Combi dowels, forged steel dowels and Quickfit dowels
- ‘Klix’ locking feature provides a strong, vibration proof joint
- Cam-retaining pips ensure that a cam is held in panel position prior to assembly


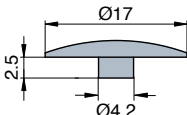

<div>  <div>Technical and mounting details</div> </div>		B	D	e	Item number	<div>   </div>	
		Panel thickness	Drilling depth	Drilling for dowel		Zinc	Zinc corrosil
Cam3000 S/15	PZ2 drive 	15/16	12.5	7.5-8	09491 →	885	897
<div>   </div>							
<div>  1000 Pcs           Made of zinc         </div>							
Cam3000 S/12	PZ2 drive 	12 min	9.5 min	6 min	*09406 →	885	897
<div>   </div>		* European market only					
<div>  2000 Pcs           Made of zinc         </div>							
Cam3000 S/12	Philips PH2 drive 	12 min	9.5 min	6 min	*09631 →	885	
<div>   </div>		* American market only					
<div>  1000 Pcs           Made of zinc         </div>							
<div>  <div>Cover caps 09630 Made of plastic</div> </div>							

# 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					
Technical and mounting details			Item number	Dark brown	Black	Light brown	Light grey
<div>Cover cap Ø17</div> 		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					

<div>Cover cap Ø17</div> 			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 and 25mm diameter housings, Quickfit™ and conventional dowels, end dowels and double ended dowels.

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

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

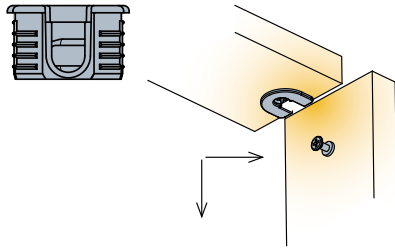
#### Applications

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

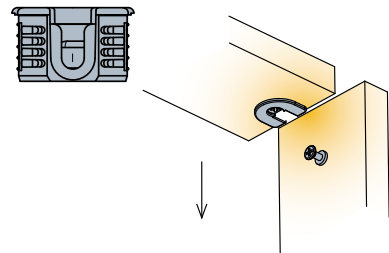
edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

#### Side-entry Drop-on

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

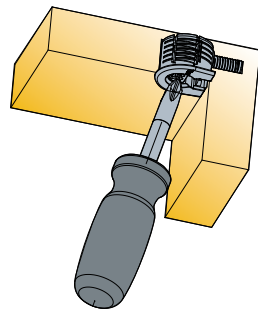


**Drop-on** insertion of shelf panel: only from the top  
Using drop-on connections allows for one-man installation



#### Angledriv feature

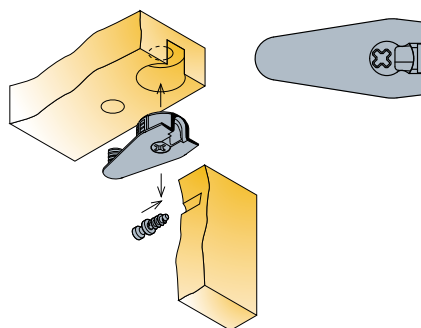
The angledriv feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.



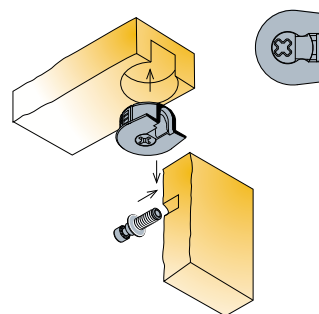
## System Features

### Outrigger/ Non outrigger

Outrigger

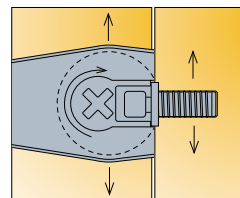
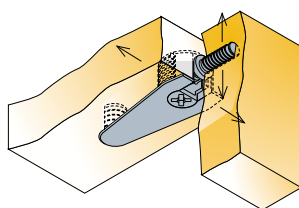


Non outrigger



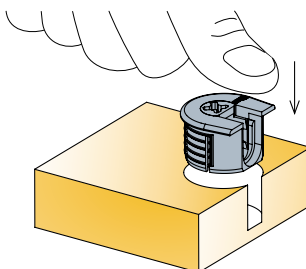
### Expando function

Expanding housings and dowels provide a tight joint.

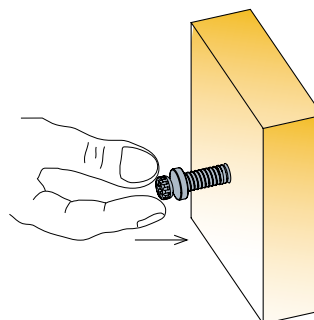


### Assembly

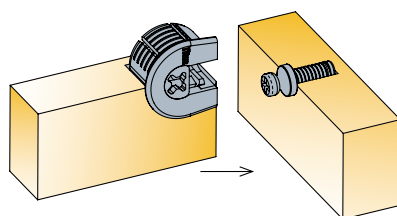
1. Press the housing into face board



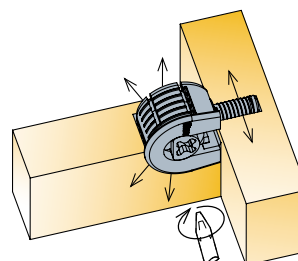
2. Press the dowel into side panel



3. Assemble the panels



4. Tighten the joint

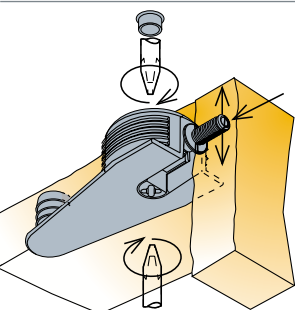

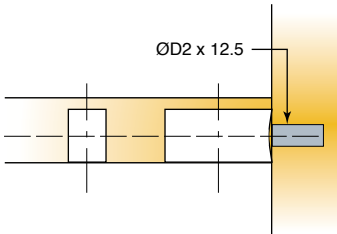



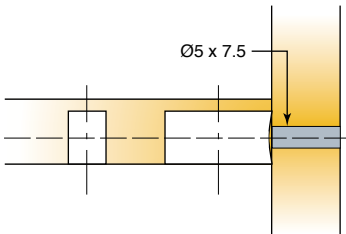



# System 6

## Quickfit-Expando

### Expanding Dowels

- Available in Ø5mm, Ø8mm and Ø10mm for panel-to-panel, panel-to-hollow profile and back-to-back applications
- Suitable for applications with all Titus Ø20 and/or Ø25mm Expando-6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Depth stop collar for accurate insertion

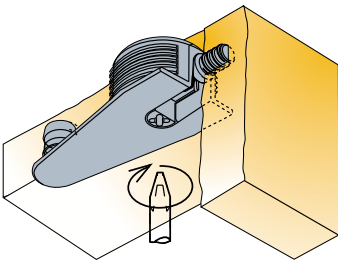
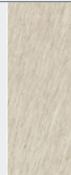



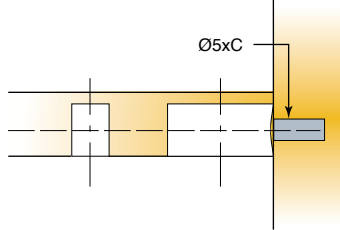



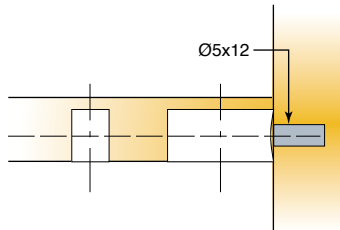



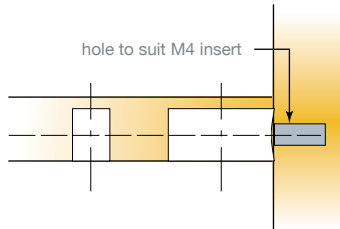



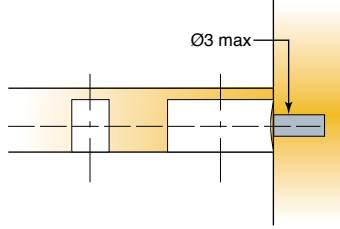

		D2		
Technical and mounting details		Drilling diameter for dowel thread	Item number	Dark grey
Dowel		5	06408 →	880
		8	06410 →	880
 D2= Ø5mm		 ØD2 x 12.5		
 D2= Ø8mm				
 5000 Pcs				
Made of zinc, plastic				
Dowel Ø5 x 7.5 back-to-back applications			06479 →	880
		 Ø5 x 7.5		
 5000 Pcs		Made of zinc,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

# System 6

## Quickfit-Expando

### Dowels

- Available in various Ø3mm and/or Ø5mm thread forms for screw-in, knock-in and/or 'spiked' hole applications
- Suitable for applications with all Titus Ø20mm and/or Ø25mm Expando-6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Dowels feature an integral skirt which acts as a positive stop during insertion

				C	Drilling depth for dowel thread	Item number	 Zamak	 Zinc plated
Technical and mounting details								
Dowel Ø5				9	06401 →	885		
  				8	06402 →	885	883	
 2000 Pcs Made of zinc or steel				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 Pzas. Made of steel								
Dowel Ø3 x 11.5					06495 →		883	
  								
 12500 Pcs Made of steel								



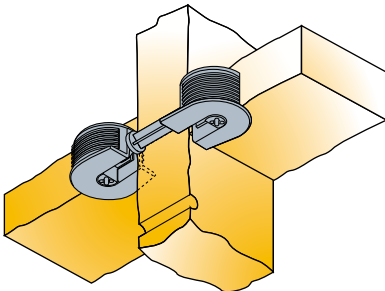

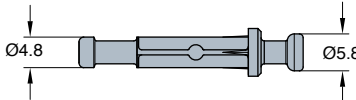
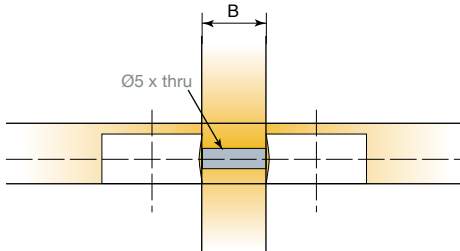
→ see page 1.62


# System 6

## Quickfit-Expando

### Double-ended Dowels

- For 16mm, 18mm and 19mm board
- Suitable for applications with all Titus Ø20mm and/or Ø25mm Expando-6 housings
- 'Klix' locking feature provides a strong, vibration proof connection

	Technical and mounting details	<div>B</div>		
<div>Double-ended dowel</div>   		Panel thickness	Item number	Zinc
		16	06414 →	885
		18	06413 →	885
		19	06416 →	885

 2500 Pcs

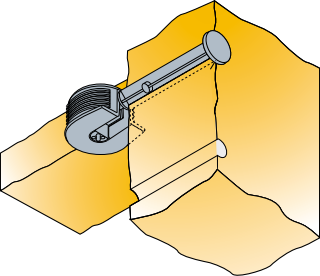


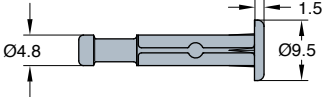
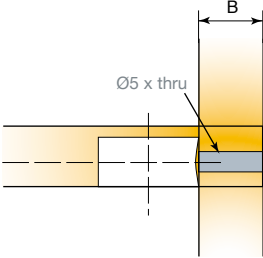

Made of zinc

# System 6

## Quickfit-Expando

### End Dowels

- For 16mm, 18mm and 19mm board
- Suitable for applications with all Titus Ø20mm and/or Ø25mm Expando-6 housings
- 'Klix' locking feature provides a strong, vibration proof connection

 <p>Technical and mounting details</p>	<p><b>B</b></p>		<p>Zinc</p>
<p>End dowel</p>   	16	06412 →	885
	18	06411 →	885
	19	06415 →	885
<div> <div>  <div> 2500 Pcs  1000 Pcs (06411) </div> </div> <div>Made of zinc</div> </div>			

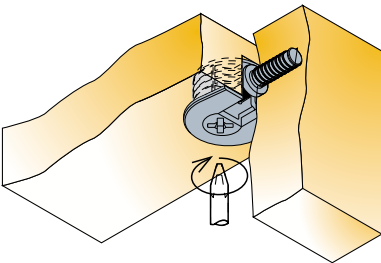

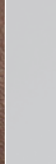



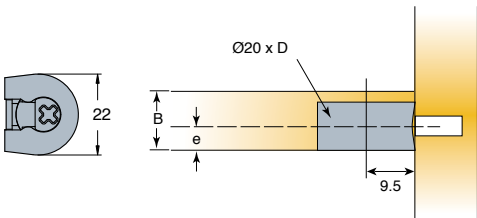

# System 6


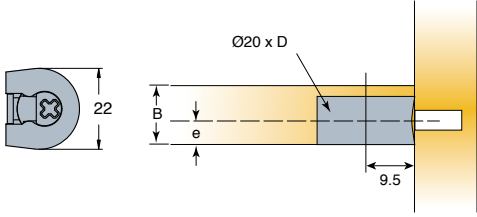
## Quickfit-Expando


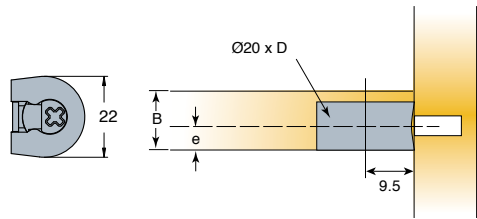

### 20mm Expanding Housing


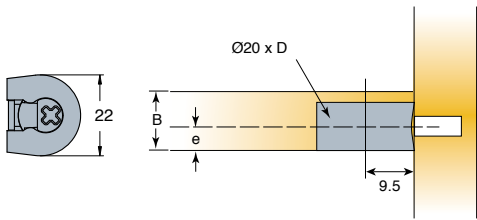

### Non-outrigger


- 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 screw-in and Quickfit-6 dowels

 <p>Technical and mounting details</p>											
e	B	D					Item number	Dark brown plastic	Nickel plated	Silver plastic	White plastic
Panel thickness		Drilling depth									
7.75	15/16	12.5	06451	→					847		
9.25	18/19	14	06453	→					847		
 											
 500 Pcs				Made of zinc							

<p>Side-entry</p>  											
7.75	15/16	12.5	06435	→				831		861	877
9.25	18/19	14	06437	→				831		861	877
Other colours on request											

<p>Drop-on</p>  											
7.75	15/16	12.5	06447	→					847		
9.25	18/19	14	06449	→					847		
 500 Pcs				Made of zinc							

<p>Drop-on</p>  											
7.75	15/16	12.5	06431	→				831		861	877
9.25	18/19	14	06433	→				831		861	877
Other colours on request											
 2500 Pcs				Made of plastic							



Cover cap 06936  
 Made of steel

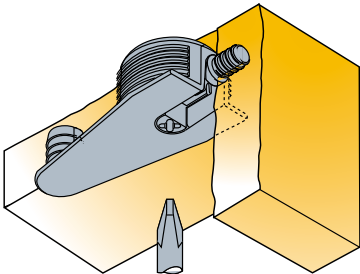
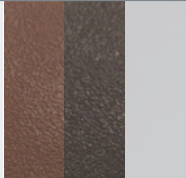

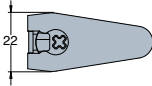
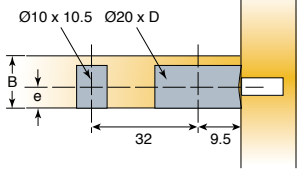

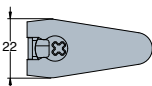
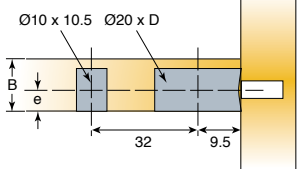

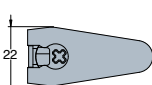
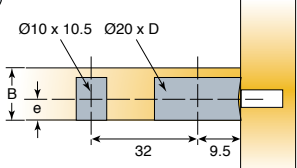

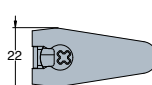
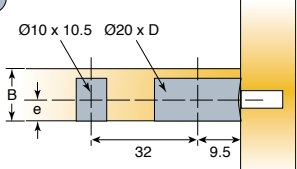
# System 6

## 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 screw-in and Quickfit-6 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									

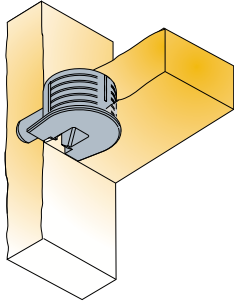


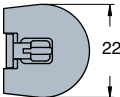
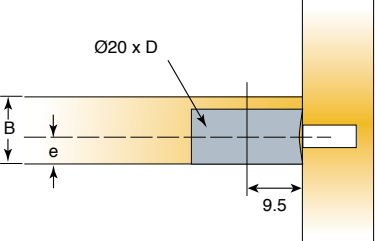


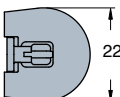
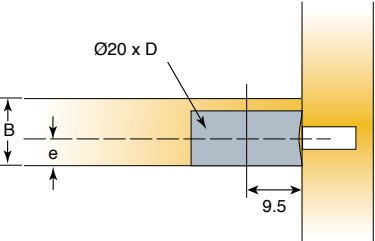



# System 6

## Quickfit-Expando

### Expanding Wedgefix Housing (no Inner Cam)

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

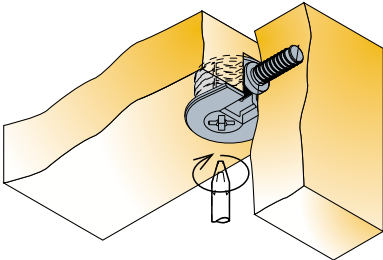
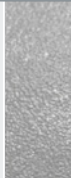
		Technical and mounting details							
	e	B	D	Item number	White	Black	Dark brown	Silver	
<p>For use with screw-in dowels</p>   	6	12	10	06470 →	877			861	
	7.75	15/16	12.5	06473 →	877	835	831	861	
	9.25	18/19	14	06465 →	877	835	831	861	
	11	22	16	06464 →				861	
	Other colours on request								
 2500 Pcs		Made of plastic							
<p>For use with Quickfit dowels</p>   	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								
 2500 Pcs		Made of plastic							


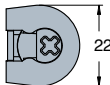
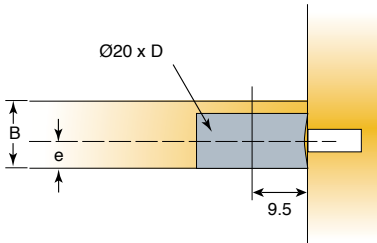
# System 6

## 20mm Knock-in Housing


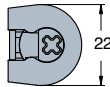
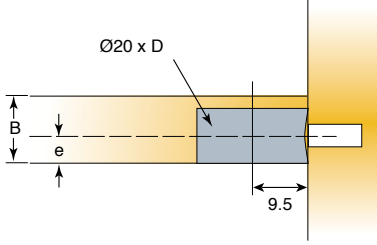
### Non-outrigger


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

	Technical and mounting details					
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
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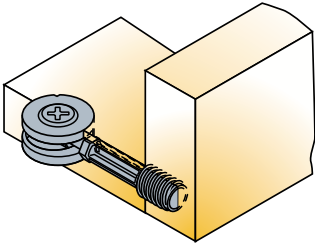
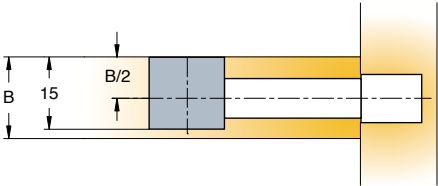

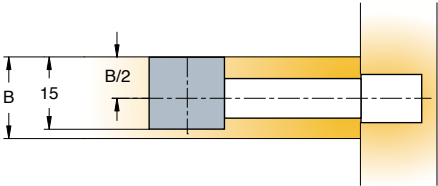


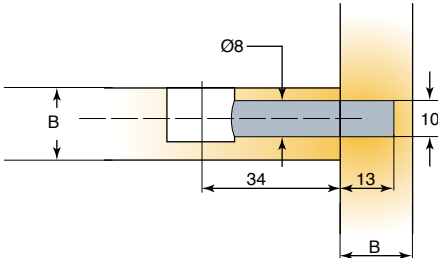

Cover cap 06936  
Made of steel

# 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

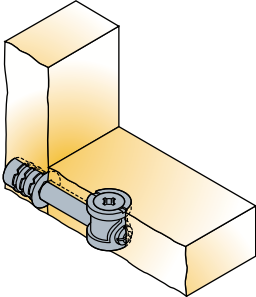

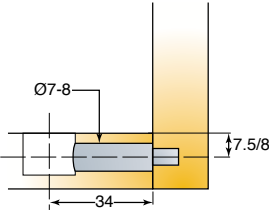


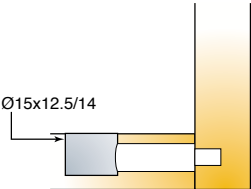




		B		
Technical and mounting details		Panel thickness	Item number	Zinc
<div>Cam Ø20</div> <div>   </div> <div> <div>  </div> <div>  </div> </div> <div> <div>  500 Pcs </div> <div> Made of zinc </div> </div>		18	05409 →	885
<div>Dowel Ø7 Ø10 mm thread</div> <div>   </div> <div> <div>  500 Pcs </div> <div>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

# System 7

## High Strength Connectors

### Contract Fix™ System

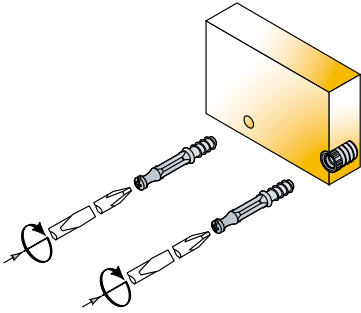

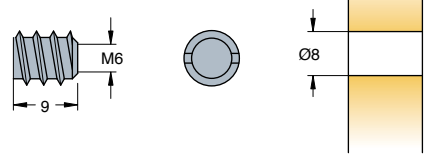


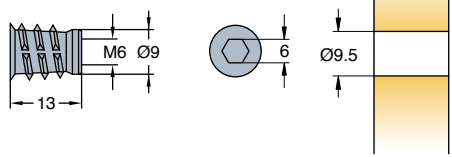


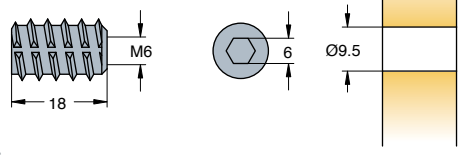


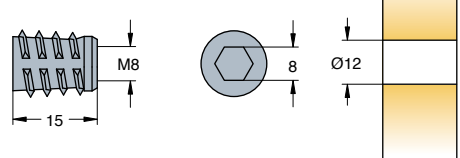


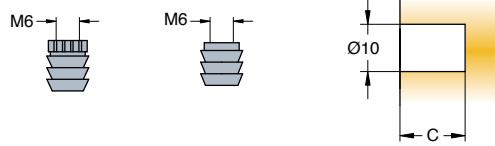


- High performance fastener
- Thread design gives repeatability
- Multi-drive recess
- Higher than average pull up

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 1.61				

# Accessories for Connectors

## Inserts

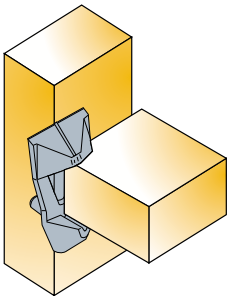





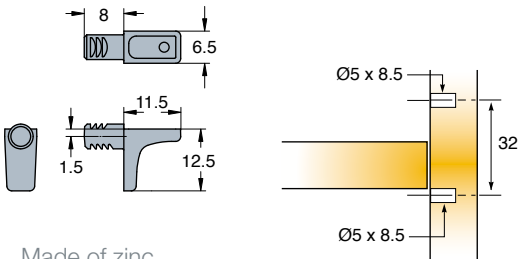

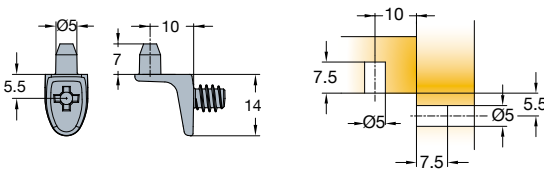

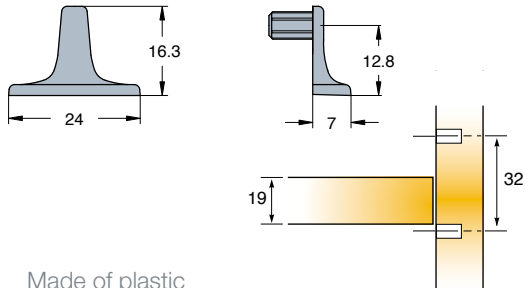

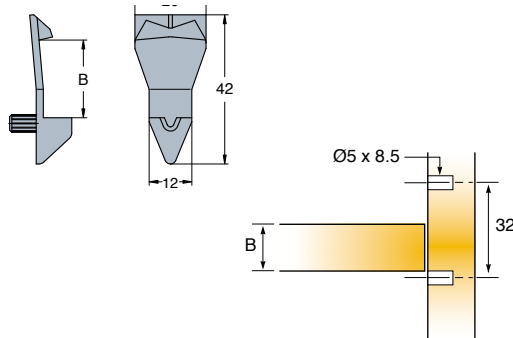

- Available in both zinc and plastic for use in various applications
- Suitable for use with various threaded dowels
- Suitable for use with various panel thicknesses
- Knock-in and screw-in versions available

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



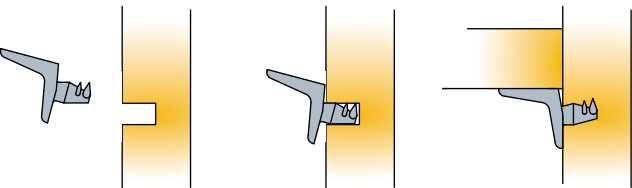
# Shelf Supports


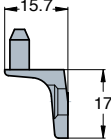
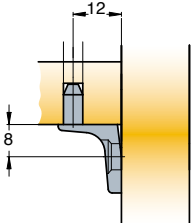


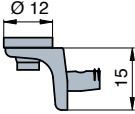
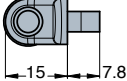
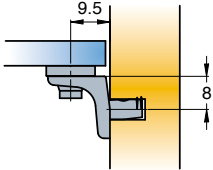


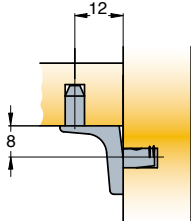


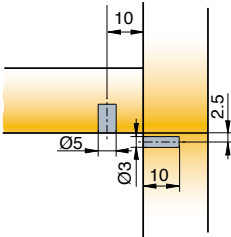

- Hold down feature traps the shelf in place for security
- Folding design allows the shelf to be post mounted in an assembled cabinet
- To suit a wide range of shelf thicknesses
- Pad for metal shelf support when using glass

		Technical and mounting details		B											
				Item number		Clear		Nickel		Zinc		White		Silver	
<b>Shelf support (push-in)</b>				01825 →				847		885					
		2000 Pcs		Made of zinc											
<b>Shelf support (push-in)</b>				01852 →				847							
		2000 Pcs		Made of zinc											
<b>Shelf holddown (for use with 01825)</b>				01822 →										861	
		12000 Pcs		Made of plastic											
<b>Shelf support retainer</b>				15 01837 →										877	
		4000 Pcs				16 01838 →		830							
5000 Pcs (01837)		Made of plastic				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:

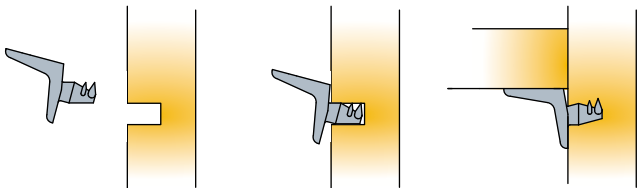



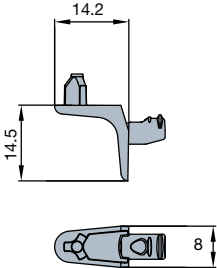
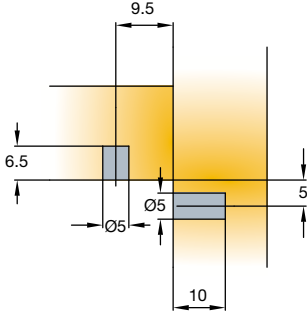

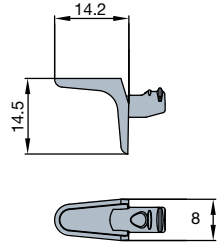
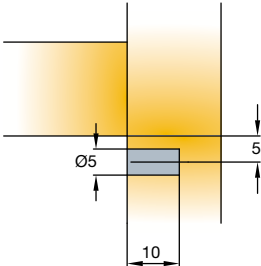

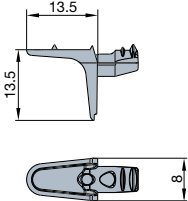
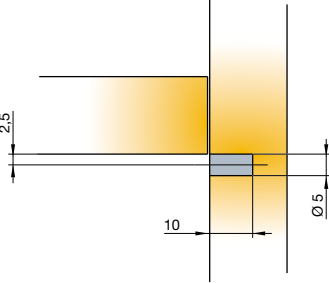
Technical and mounting details			Item number	Nickel plated
<b>Pin Ø5x10 (screw-on)</b>   			338-3687 →	650
 1000 Pcs         Made of zinc				
<b>For glass shelves (rock-in)</b>    			338-9721 →	860
 1000 Pcs         Made of zinc and plastic				
<b>Pin Ø5x10 (rock-in)</b>   			338-3686 →	650
 1000 Pcs         Made of zinc				
<b>Shelf support Ø3mm with pin</b>   			01912 →	847
 5000 Pcs         Made of zinc				



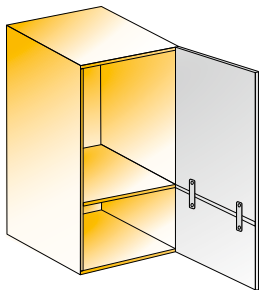
# Shelf Supports

Mounting procedure:



Technical and mounting details			Item number	Nickel plated
<div>Shelf support with pin</div> <div></div> <div></div> <div></div>	<div>2000 Pcs</div> <div>Made of steel</div>		01910 →	847
<div>Shelf support</div> <div></div> <div></div> <div></div>	<div>2000 Pcs</div> <div>Made of steel</div>		01911 →	847
<div>Shelf support with pin</div> <div></div> <div></div> <div></div>	<div>5000 Pcs</div> <div>Made of steel</div>		01916 →	847

# Joining Plates



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



Technical details

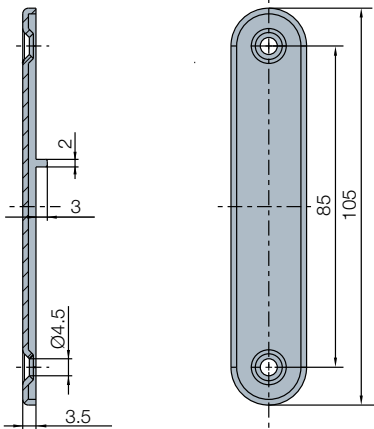
Item number

Nickel plated

Joining plate 105mm

360-1222 →

054



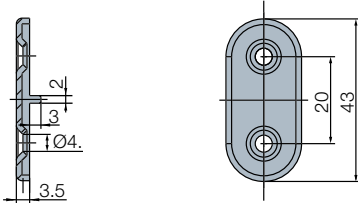
500 Pcs

Made of steel

Joining plate 43mm

360-1230 →

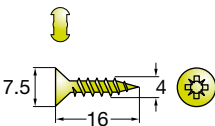
054



1000 Pcs

Made of steel

Fixing screw for cruciform mounting plate  
If not pre-mounted

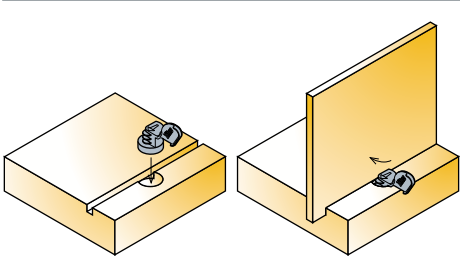

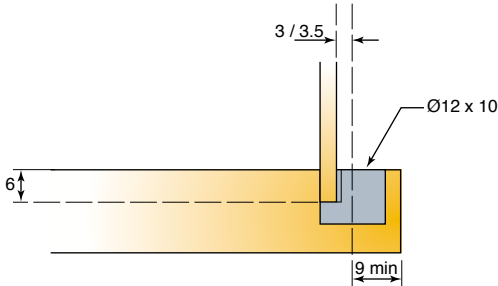


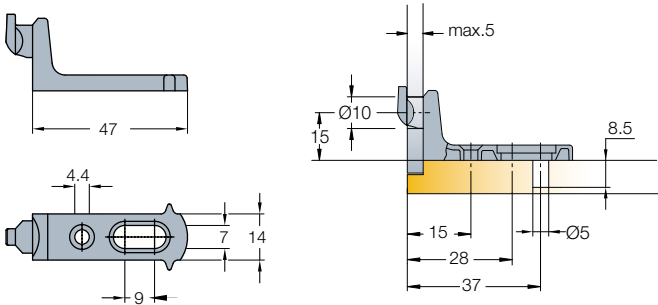


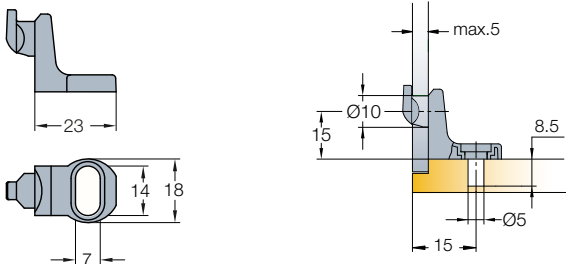



Chipboard screws  
820-6328-050

10000 Pcs

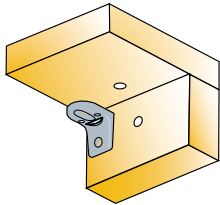
# No-Tools Backfix and Wall Connectors

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

		<div> <div></div> <div></div> <div></div> </div>			
Technical and mounting details		Item number	Nickel plated	Zinc	Corrosil
<b>Hardboard Backfix</b>   		02154 →		885	897
 1000 Pcs           Made of zinc					
<b>Rear wall connector long</b>   		353-3649 →	650		
 500 Pcs           Made of zinc					
<b>Rear wall connector short</b>   		353-3650 →	650		
 500 Pcs           Made of zinc					

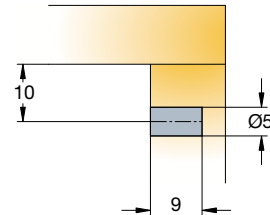
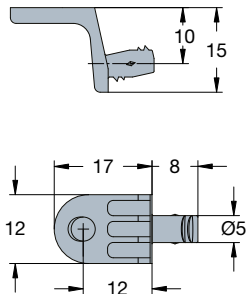
# Panel Brackets

- 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 →

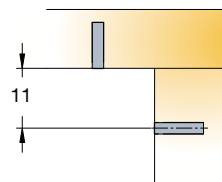
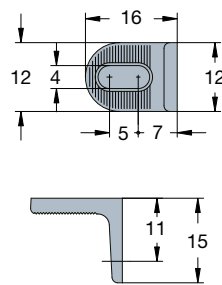
Nickel plated

847

Zinc

885

90° Bracket  
(screw-in)



1000 Pcs

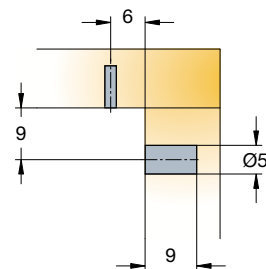
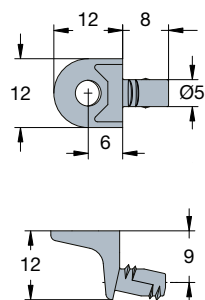
Made of zinc

02110 →

847

885

Corner bracket  
(rock-in)



1000 Pcs


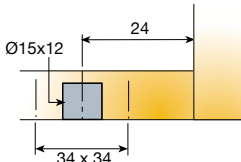


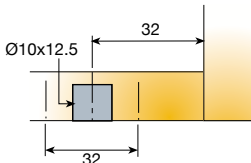

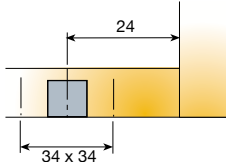

Made of zinc

02133 →

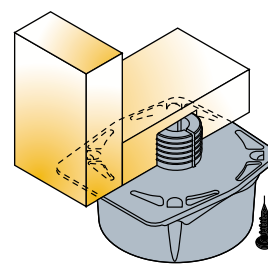
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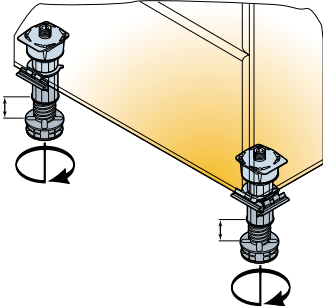
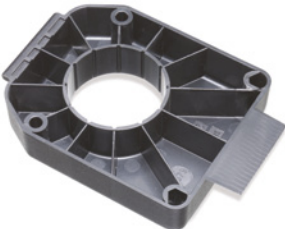
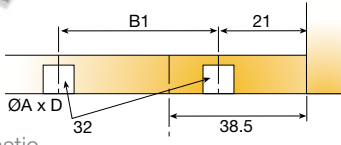


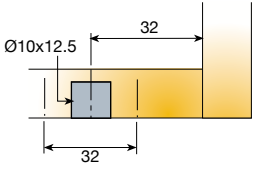


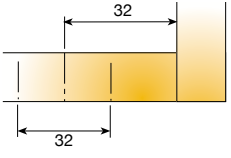

# Adjustable Cabinet Legs

## Leg Top Fixes

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

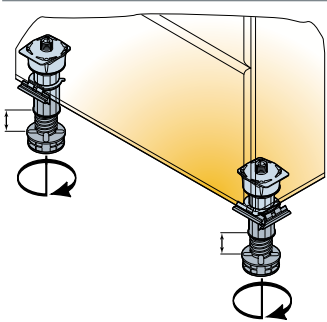


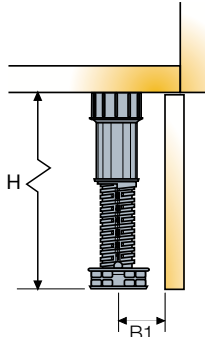

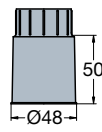

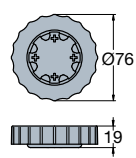


Technical and mounting details		A	D	B1	Item number	Black
		Drilling diameter	Drilling depth	Drilling distance		
<b>Leg top</b>   	(4 screws) screw on	3	6	64 x 64	<b>02575</b> →	835
	(4 dowels + lip) dowel/lip	10	12.5	64 x 64	<b>02582</b> →	835
	(4 screws + lip) screw/lip	3	6	64 x 64	<b>02579</b> →	835
	2 dowels/2 screws	10/3	12.5/6	64 x 64	<b>*02669</b> →	835
	Screw on	3	6	64 x 64	<b>*02671</b> →	835
	Dowels	10	12.5	64 x 64	<b>*02672</b> →	835
 100 Pcs         Made of plastic		* Asian market only When using leg top, you must use foot with 01373 clip → see page 3. 8				
<b>Rivet fix/skid</b>  					<b>02663</b> →	835
 200 Pcs         Made of plastic						
<b>Rivet fix/ no rivet</b>  					<b>*02642</b> →	835
 200 Pcs         Made of plastic		* Asian market only				

# Adjustable Cabinet Leg Range

Adjustable Leg,  
Extension and Foot

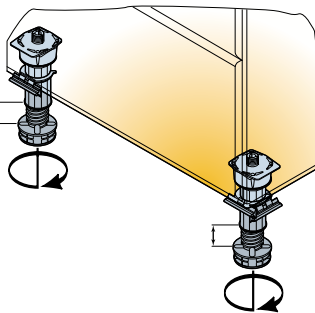



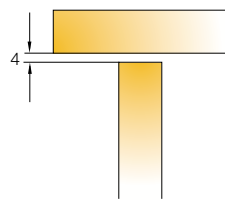


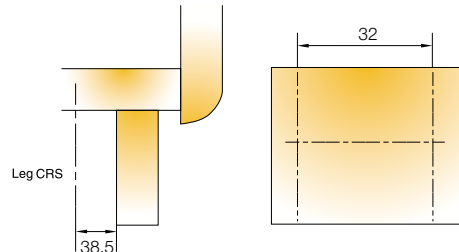


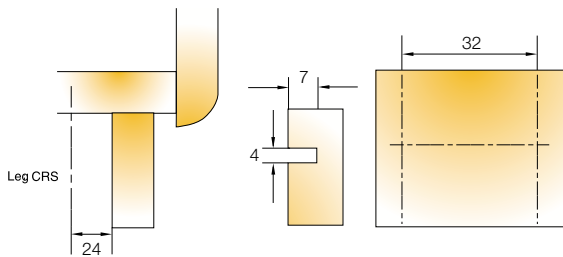


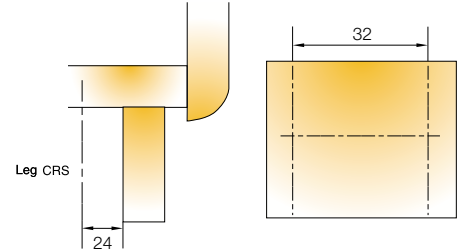

- Legs are supplied assembled at a pre-set height
- Wide adjustment range to fit all common plinth heights
- Jacking point adjustment feature
- Simple push on design to sockets

<div>  <div>Technical and mounting details</div> </div>	B1	H	Item number	<div>  <div>Black</div> </div>
	Drilling distance	Fitting height adjustment		
<div>Adjustable leg</div> <div>   </div> <div> <div> <div>100 Pcs (02570)</div> <div>200 Pcs</div> </div> <div>Made of plastic</div> </div>		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			
<div>Leg extension</div> <div>   </div> <div> <div> <div>200 Pcs</div> </div> <div>Made of plastic</div> </div>			02571 → 835	
<div>Fixed foot</div> <div>   </div> <div> <div> <div>200 Pcs</div> </div> <div>Made of plastic</div> </div>			02569 → 835	
			*02574 → 835	
	* 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		
<b>Fox clip</b>		<b>01373</b> →	846			
						
 1000 Pcs	Made of plastic					
<b>Plinth clip 38 screw</b>		<b>02578</b> →		835		
		<b>*02710</b> →		835		
		* Asian market only				
						
 500 Pcs	Made of plastic					
<b>Plinth clip 24 knock on</b>		<b>02523</b> →		835		
						
 600 Pcs	Made of plastic					
<b>Plinth clip 24 screw on</b>		<b>02634</b> →		835		
						
 600 Pcs	Made of plastic					