Titus Group
Technical catalogue

System 6 Cabinet Connectors

2022

System 6
Quickfit-Expando
Connectors

System Features

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

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

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

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

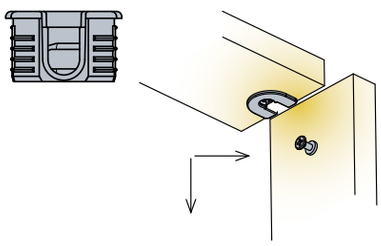
Wedgefix-6 connector is a special fastener without cam, simply to snap onto a pre-inserted dowel.

Applications

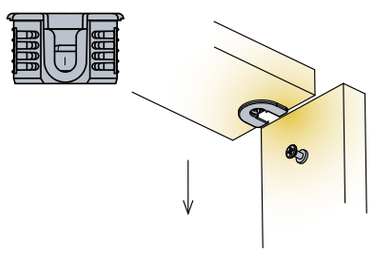
Titus System 6 is ideal for use in high volume production of case goods, closet and garage storage systems. Because no edge boring is required, it is an excellent choice for manufacturing environments with limited drilling capacity.

Side-entry Drop-on

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

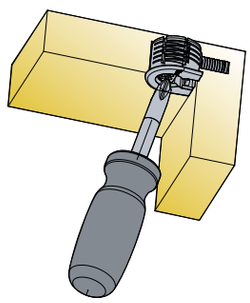


Drop-on insertion of shelf panel: only from the top
Using drop-on connections allows for one-man installation



Angledriv feature

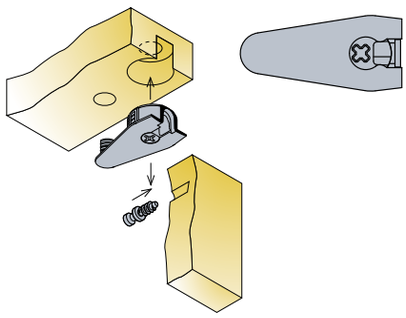
The angledriv feature on the cam allows for the angled position of the screwdriver with the locking action creating a tight and secure joint.



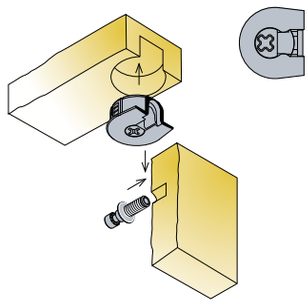
System Features

Outrigger/ Non outrigger

Outrigger

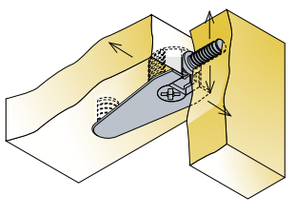


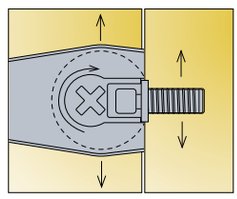
Non outrigger



Expando function

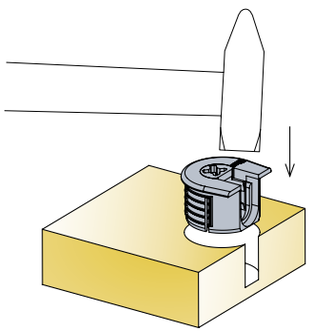
Expanding housings and dowels provide a tight joint.



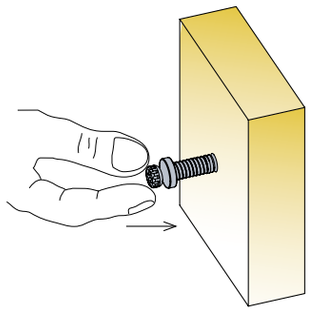


Assembly

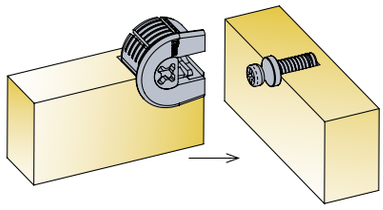
1. Knock the housing into face board



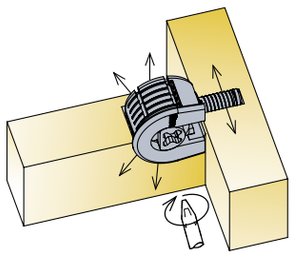
2. Press the dowel into side panel



3. Assemble the panels

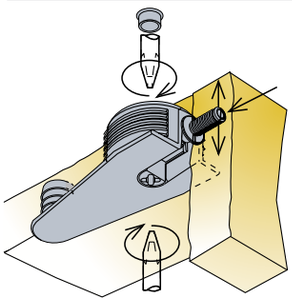


4. Tighten the joint

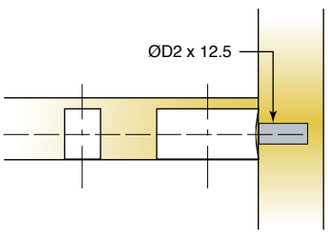
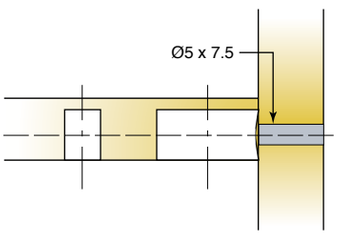


System 6
Quickfit-Expando
Expanding Dowels

- 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 Sys 6 housings
- 'Klix' locking feature provides a strong, vibration proof connection
- Depth stop collar for accurate insertion

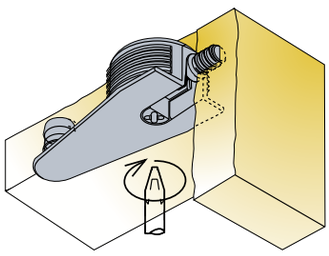


Technical and mounting details

		D2 Drilling diameter for dowel thread	Item number	Dark grey
Dowel		5	**06408** →	880
D2= Ø5mm				
5000 Pcs	Made of zinc, plastic			
Dowel Ø5 x 7.5 back-to-back applications			**06479** →	880
				
5000 Pcs	Made of zinc, plastic			

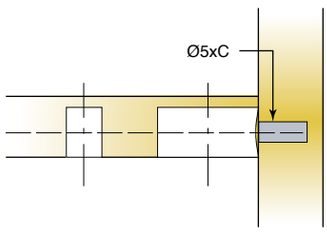
System 6
Quickfit
Dowel

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



Technical and mounting details

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

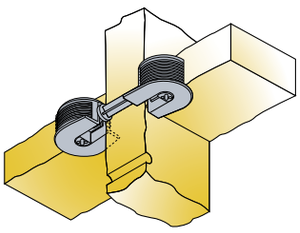


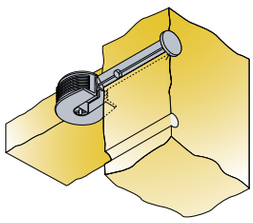
4500 Pcs (steel)
5000 Pcs (zinc)

Made of zinc or steel

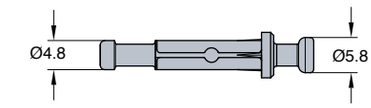
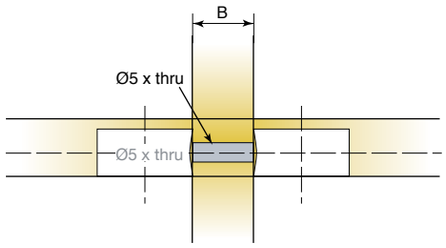
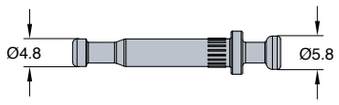
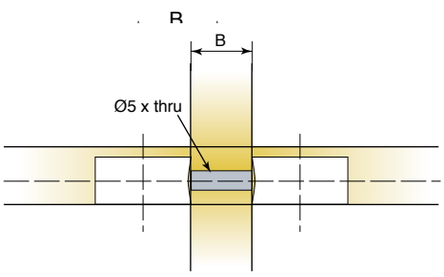
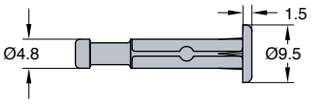
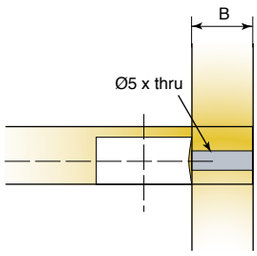
System 6
Double-ended Dowels
End Dowels

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



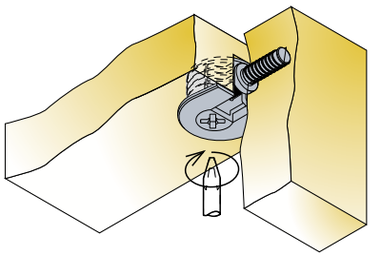


Technical and mounting details

		B			
		Panel thickness	Item number	Steel	Zinc
Double-ended dowel	 	16	06414 →		885
		19	06416 →		885
2500 Pcs Made of zinc					
Double-ended dowel	 	19	06389 →	883	
2500 Pcs Made of steel					
End dowel	 	16	06412 →		885
		19	06415 →		885
2500 Pcs Made of zinc					

System 6
20mm Knock-in Housing
Non-outrigger

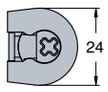
- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in all-metal or plastic/metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels

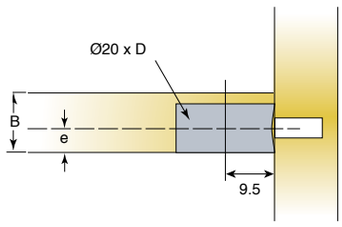


Technical and mounting details

	e	B Panel thickness	D Drilling depth	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
Side-entry	7.75	15/16	12.5	**06381** →	841	898		835	877	861	861
	9.25	18/19	14	**06385** →	841	898		835	877		

Other colours on request

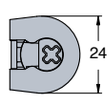


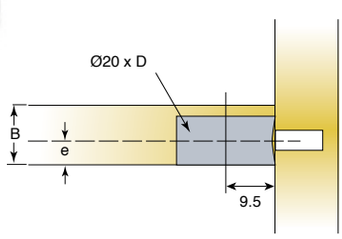


2500 Pcs Made of plastic

Drop-on	7.75	15/16	12.5	**06383** →	841	898	882	835	877		
	9.25	18/19	14	**06387** →	841	898	882	835	877	861	

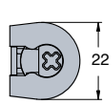
Other colours on request

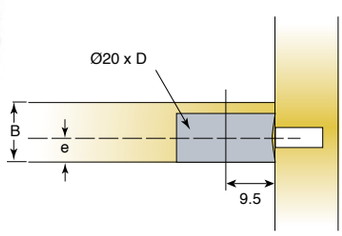




2500 Pcs Made of plastic

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

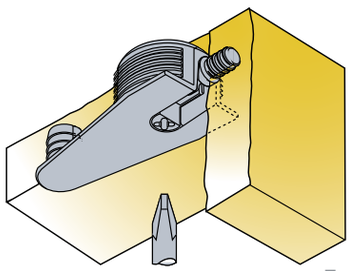




500 Pcs Made of zinc

System 6
20mm Knock-in Housing
Outrigger

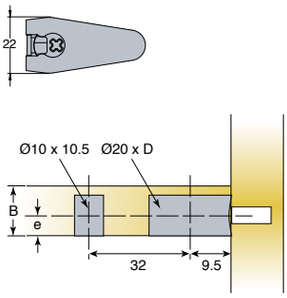
- Available in 15mm/16mm and 18mm/19mm versions for drop-on and/or side-entry applications
- Available in all-metal or plastic/metal options
- 'Klix' locking feature provides a strong vibration proof connection
- Compatible with all Sys 6 screw-in and Quickfit dowels



Technical and mounting details

	e	B Panel thickness	D Drilling depth	Item number	Maple	Brown	Light grey	Black	White	Silver	Nickel plated
Side-entry	9.25	18/19	14	**06395** →	841	898		835	877	861	

Other colours on request

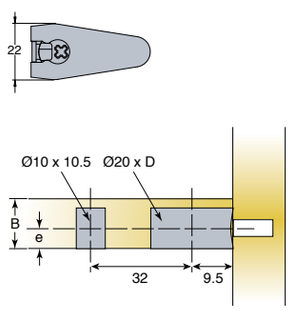


1250 Pcs

Made of plastic

Drop-on	7.75	15/16	12.5	**06439** →	841	898	882	835	877		
	9.25	18/19	14	**06397** →	841	898	882	835	877	861	

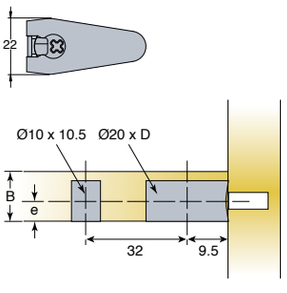
Other colours on request



1250 Pcs

Made of plastic

Drop-on	7.75		12.5	**06455** →							847
	9.25		14	**06457** →							847

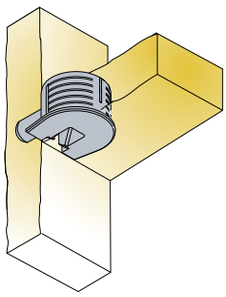


500 Pcs

Made of zinc

System 6
Wedgefix Housing (no Inner Cam)

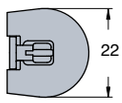
- Available in 12mm, 15mm/16mm and/or 18mm/19mm versions for Quickfit-6 and/or Standard Dowel applications
- Available in a variety of plastic colours
- Wedgefix-6 housing allows easy customer hand-assembly or factory automated insertion
- When used with Quickfit-6 dowels this provides a true tool-less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

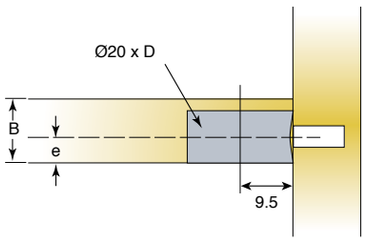


Technical and mounting details

B Panel thickness	D Drilling depth	Item number	White	Black	Dark brown
For use with screw-in dowels					
15/16	12.5	**06473** →	877	835	898
18/19	14	**06465** →	877	835	898

Other colours on request



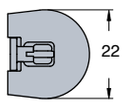


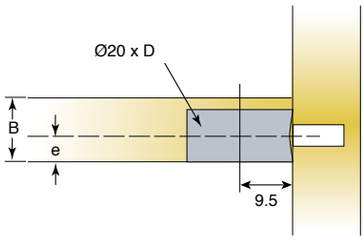
2500 Pcs

Made of plastic

B Panel thickness	D Drilling depth	Item number	White	Black	Dark brown
For use with Quickfit dowels					
15/16	12.5	**06471** →	877	835	898
18/19	14	**06472** →	877	835	898

Other colours on request





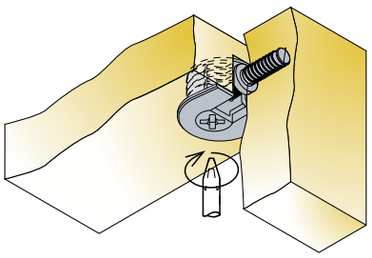
2500 Pcs

Made of plastic

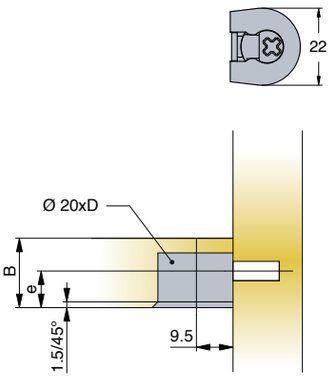
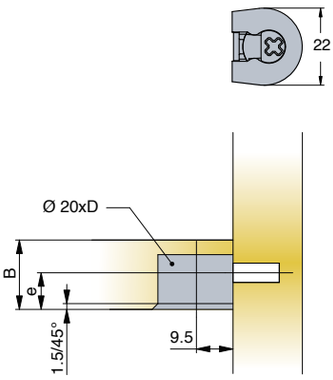
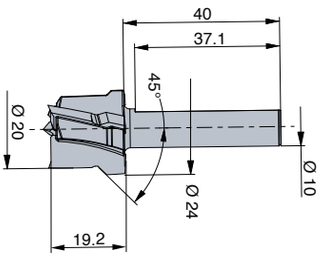
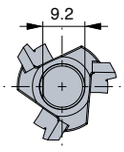
System 6
Flush 20mm Knock-in Housing
Non-outrigger

For use with dedicated drill bit only.
See below.

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



Technical and mounting details

		e	B Panel thickness	D Drilling depth	Item number	White plastic
Side-entry		9.5	19	14.2	**06343** →	877
						
1000 Pcs	Housing made of plastic, cam made of zinc					
Drop-on		9.5	19	14.2	**06348** →	877
						
1000 Pcs	Housing made of plastic, cam made of zinc					
Drill bit for Flush 20mm Knock-in housing	right handed				**0435**	
	left handed				**0436**	
	 					
1000 Pcs	Housing made of plastic, cam made of zinc					

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