

# Connecting fittings

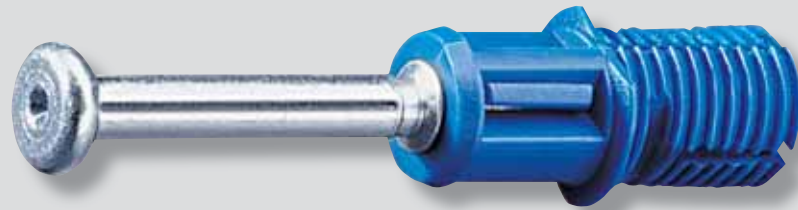


plus notes on lightweight applications



## Product overview

### Connecting fittings



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Rastex 15



VB 35



VB 36



VB 18



VB 135



TZ 4 TD



Everfix



Back panel connectors



Shelf supports



# Think light!

Trendy, cost-competitive, contemporary: lightweight board offers interior designers more choice than ever before. Shelf systems, hinged and sliding doors, tables and drawers – for a totally new living style based on unusual design features.

# hettinject

Bonding dowel technology for every type of lightweight board

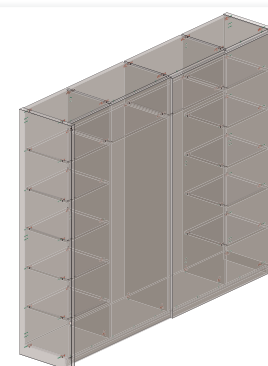
## hettinject

- Excellent strength profile
- Easily integrated into existing manufacturing processes
- Opens up new options in furniture design
- Reliable and versatile processes
- Automatic or manual insertion

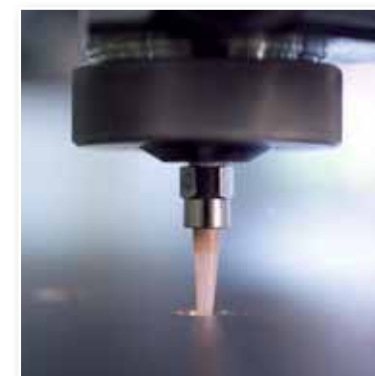
## Bonding dowel variants

Board thickness	Description	Order no.
19 mm	hettinject 19	906 665 700
25 mm	hettinject 25	906 639 700
30 mm	hettinject 30	906 640 400
32 mm	hettinject 32	906 640 600
38 mm	hettinject 38	906 640 700
50 mm	hettinject 50	906 640 900

## Universal



## Automatic



## Manual



[best of the best]

product of 2007

Winner of the interzum award [intelligent material & design]



# Bonding dowels replace frames

hetting bonding dowel technology increases your options. It's the starting point for huge design freedom in lightweight furniture. Once the bonding dowel is firmly anchored in the lightweight board, standard fittings such as hinges, handles and sliding door fittings are simply attached in the usual way.

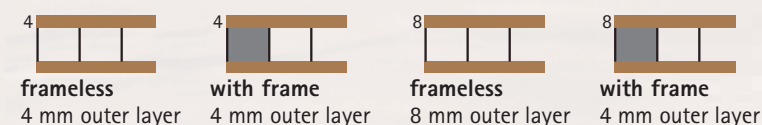
The hetting process opens the way to using new materials – like frameless lightweight board – in designing furniture. hetting makes the furniture of the future a reality. A hetting bonding dowel provides the fixing point wherever fittings must be attached.



8 mm outer layer thickness = standard fittings  
≤ 4 mm outer layer thickness = hetting bonding dowel

## hetting

### Specifications of available lightweight boards



Overview for lightweight board applications		Frameless (with edge band)		With frame	
Fitting	Page	4 mm outer layer	8 mm outer layer	4 mm outer layer	8 mm outer layer
Rapid S for Rastex 12/15	13		✗		✗
Twister for Rastex 12/15	14		✗		✗
Double dowel for Rastex 12/15	15		✗		✗
VB 18 / VB 20 D	17		✗		✗
VB 19 / VB 21 D	18		✗		✗
Screw-in dowel	19	✗ hetting	✗	✗	✗
VB 35	21		✗	✗	✗
VB 35 M	22		✗	✗	✗
VB 36 D	23	✗	✗	✗	✗
VB 36 MD	24	✗	✗	✗	✗
VB 36 HT	25	✗	✗	✗	✗
VB 35 Flush	26		✗	✗	✗
VB 135	27		✗	✗	✗
Double dowel for VB 35/36	31	✗	✗	✗	✗
Block connecting fittings	33	✗ hetting	✗	✗	✗
Safety, Sekura 1.1-8 shelf supports	37	✗	✗	✗	✗
Other shelf supports	38	✗	✗	✗	✗
Toolex VB 45	40	✗	✗	✗	✗
Socket no. 4 HT	38	✗		✗	





# Strong, fast, reliable

Connecting fittings from Hettich are simply unbeatable. There's a purpose-designed connecting fitting for every application. Often in a choice of materials and finishes.

The emphasis is on strong connections quickly made. Once installed the fittings are inconspicuous, or in some cases completely concealed.

## Solid connections

Cam connecting fittings from Hettich are inconspicuous furniture fittings for positive and non-positive connection of shelves and side panels. Readily accessible, they make sure furniture can be assembled and dismantled easily. The notched cam

design provides super stability. Fittings with torque support can close gaps of up to 2 mm between the side panels and the face of the shelf.





# Twister



Easy to use, even at whirlwind speed, and tough as nails. It takes just one quick burst of power to turn in a Twister. The grooved plastic sleeve almost does the job for you, making sure the Twister goes in straight and true. No matter how fast you work, there's no chance of screwing up.

The end result is a very solid connection. The dowel is as firm as a rock, with the sleeve filling the drill hole completely. Twister sleeves are colour-coded for quick identification, so you can't go wrong when you pick a Twister.



# Rapid S



The new quick-connect dowel with a steel pin. Slender, light and immensely strong. Assembly requires no tools – the dowel is simply pressed in by hand. Rapid S and Rastex together make a perfect pair.





Cam fittings

Rastex 12/12

with/without rim

Rastex 15

with torque support

with/without rim

Item

Rastex 12 connecting fitting for shelves from 12 mm thick, die-cast zinc

Decorative connecting fitting, 12 mm diameter, especially suited for small furniture items, shelves and drawers.

Internal and external notching for extra security.

The dowel is always tightened centrally so there is no risk of furniture sections shifting during assembly.

Tighten cam with slot screwdriver or PZ 2 crosshead screwdriver.

The rim conceals roughly drilled holes, an additional dress cap is not required.

Use for 12 mm shelves or thicker.

Hole pattern

Shelf

without rim

Finish	Order no.	PU
nickel-plated	105 490 1	2000
bright	105 490 0	2000

with rim

Finish	Order no.	PU
nickel-plated	900 685 7	2000

Rastex 15 connecting fitting with torque support for shelves, die-cast zinc

All Rastex 15 versions are equipped with a torque support that will close gaps of up to 4 mm between the side panels and the face of the shelf.

Internal and external notching for extra security.

The dowel is always tightened centrally so there is no risk of furniture sections shifting during assembly.

Tighten cam with slot screwdriver, PZ 3 crosshead screwdriver or SW4 hexagon key.

The rim conceals roughly drilled holes, an additional dress cap is not required.

Shelf

without rim

Shelf	nickel-plated	bright	PU
12 mm	-	902 042 0	2000
15/16 mm	906 468 4	905 948 7	2000
18/19 mm	905 660 1	905 659 9	2000
22 mm	104 825 4	100 779 4	2000
29 mm	105 054 1	105 054 0	1000

with rim

Shelf	nickel-plated	PU
15 mm	900 395 4	2000
16 mm	900 395 8	2000
22 mm	103 081 0	2000
29 mm	105 047 9	1000

Size	A	B	C	D
for 12 mm	6	12	10.9	6
for 15 mm	7.5	15	12.2	7.5
for 16 mm	8	16	12.7	8
for 18 mm	9	18	13.4	9
for 19 mm	9.5	19	13.7	9.5
for 22 mm	11	22	15.7	11
for 29 mm	14.5	29	19.2	14.5

Cam fittings

Hettich Rapid S for

Rastex 12/Rastex 15

Item

Hettich Rapid S DU 324 snap-on assembly dowel

Expanding socket for ø 8 mm hole, 24 mm hole distance, galvanized steel/plastic

Item	Order no.	PU
Hettich Rapid S DU 324	904 618 0	2000

Hettich Rapid S DU 325 snap-on assembly dowel

Expanding socket for ø 8 mm hole, 34 mm hole distance, galvanized steel/plastic

Item	Order no.	PU
Hettich Rapid S DU 325	904 618 2	2000

Hettich Rapid S DU 332 snap-on assembly dowel

Expanding socket for ø 10 mm hole, 24 mm hole distance, galvanized steel/plastic

Item	Order no.	PU
Hettich Rapid S DU 332	904 618 4	2000

Hettich Rapid S DU 333 snap-on assembly dowel

Expanding socket for ø 10 mm hole, 34 mm hole distance, galvanized steel/plastic

Item	Order no.	PU
Hettich Rapid S DU 333	904 618 6	2000



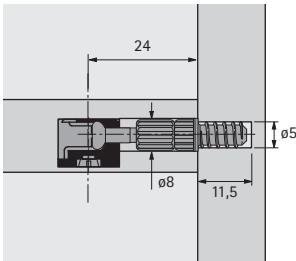
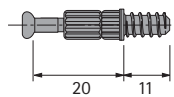
Cam fittings

# Hettich Twister and sockets for Rastex 12/Rastex 15



Item

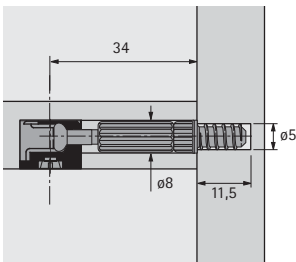
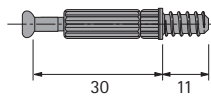
**Hettich Twister  
DU 243 T screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
24 mm hole distance,  
steel/plastic



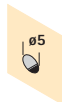
Item	Finish	Order no.	PU
Hettich Twister DU 243 T	galvanized	904 786 3	2000
	bright	904 786 2	2000



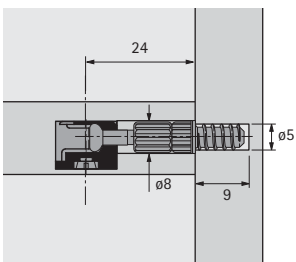
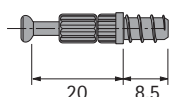
**Hettich Twister  
DU 232 T screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
34 mm hole distance,  
steel/plastic



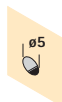
Item	Finish	Order no.	PU
Hettich Twister DU 232 T	galvanized	904 786 1	2000
	bright	904 764 4	2000



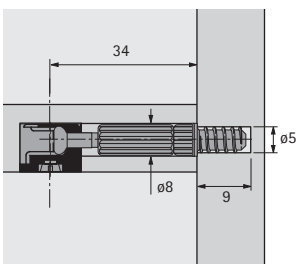
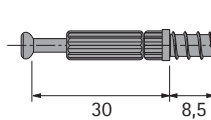
**Hettich Twister  
DU 319 T screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
24 mm hole distance,  
steel/plastic



Item	Finish	Order no.	PU
Hettich Twister DU 319 T	galvanized	904 797 5	2000
	bright	904 797 4	2000



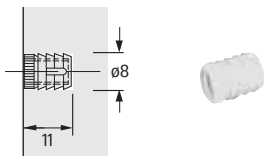
**Hettich Twister  
DU 320 T screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
34 mm hole distance,  
steel/plastic



Item	Finish	Order no.	PU
Hettich Twister DU 320 T	galvanized	904 797 8	2000
	bright	904 797 6	2000

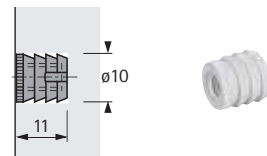


**Socket no. 49 D**  
with Euro screw thread,  
for  $\varnothing$  8 mm hole,  
white plastic



Item	Order no.	PU
Socket no. 49 D	901 567 6	10000

**Socket no. 33 D**  
with Euro screw thread,  
for  $\varnothing$  10 mm hole,  
white plastic



Item	Order no.	PU
Socket no. 33 D	903 803 1	5000

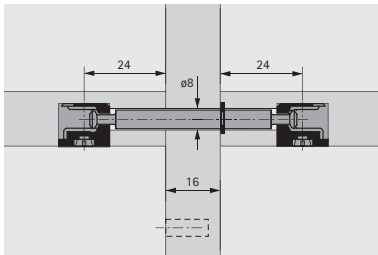
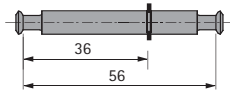
Cam fittings

# Double dowel $\varnothing$ 8 mm for Rastex 12/Rastex 15



Item

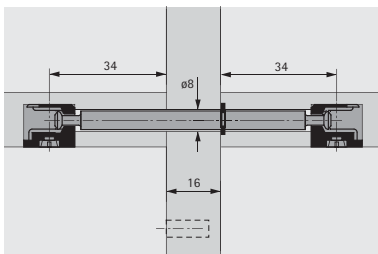
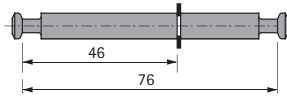
**DU 883 double dowel**  
for 16 mm shelf, with separating ring,  
 $\varnothing$  8 mm hole,  
24 mm hole depth,  
steel



Item	Finish	Order no.	PU
DU 883 double dowel	bright	107 919 0	250



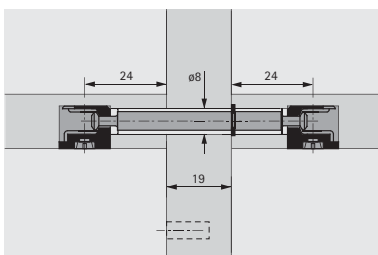
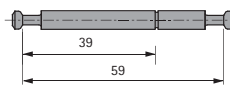
**DU 868 double dowel**  
for 16 mm shelf, with separating ring,  
 $\varnothing$  8 mm hole,  
34 mm hole depth,  
steel



Item	Finish	Order no.	PU
DU 868 double dowel	bright	105 617 0	250



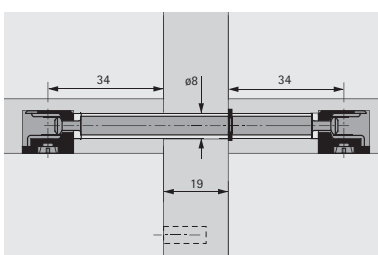
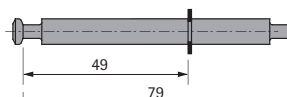
**DU 880 double dowel**  
for 19 mm shelf, with separating ring,  
 $\varnothing$  8 mm hole,  
24 mm hole depth,  
steel



Item	Finish	Order no.	PU
DU 880 double dowel	bright	106 094 0	500



**DU 853 double dowel**  
for 19 mm shelf, with separating ring,  
 $\varnothing$  8 mm hole,  
34 mm hole depth,  
steel



Item	Finish	Order no.	PU
DU 853 double dowel	bright	100 812 3	250





Rastex 25

Hettich Twister and sockets for Rastex 25

- Internal and external notching for extra security.
- The internal and external notching prevents accidental loosening of the cam.
- The dowel is always tightened centrally.
- No loosening through vibration during transport.
- Rastex 25 with and without rim.

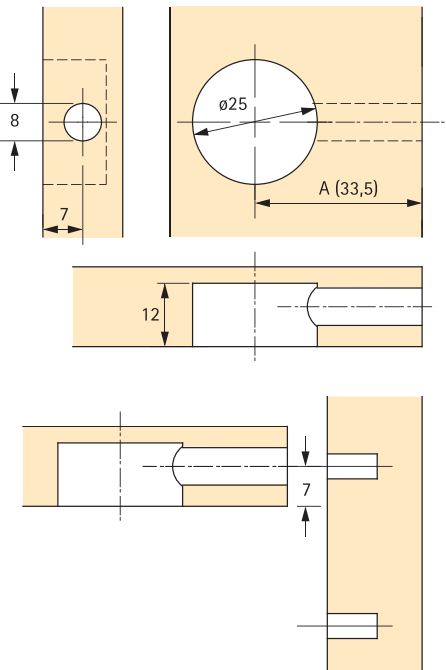
Item	Hole pattern
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Rastex 25 cam fitting  
die-cast zinc

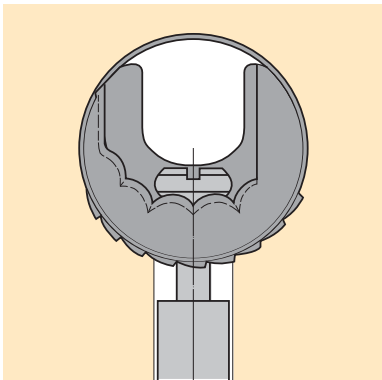


Finish	Order no.	PU
bright	100 898 3	1000

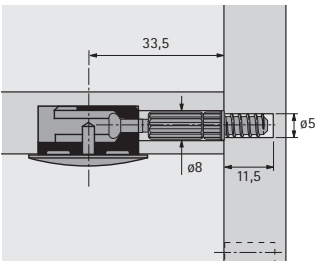
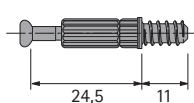
Shelf



Making doubly sure with  
internal and external  
notching!

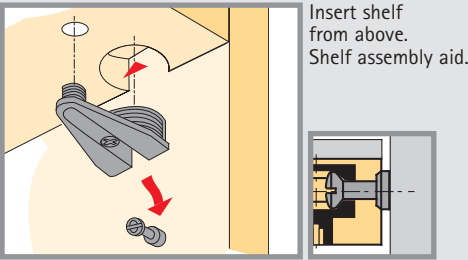


Hettich Twister  
DU 262 T screw-in dowel  
Euro screw thread for  $\varnothing$  5 mm hole,  
33.5 mm hole depth,  
steel/plastic



Item	Finish	Order no.	PU
Hettich Twister DU 262 T	galvanized	904 785 5	2000
	bright	904 785 4	2000

VB 18 and VB 20



- For solid, positive and non-positive connections between shelves and side panels, high load capacity.
- The fitting is pressed into two blind holes, 30 and 10 mm diameter, 32 mm spacing.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.

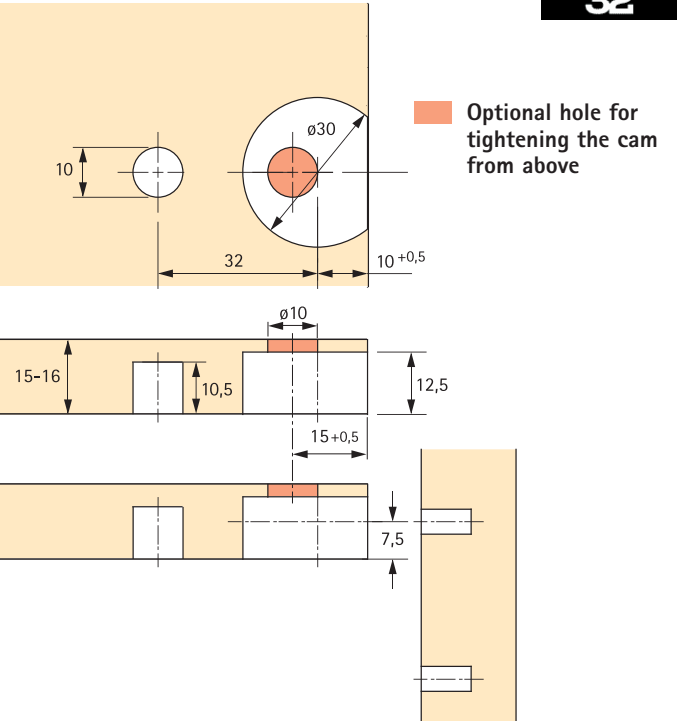
Item	Hole pattern
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VB 18 connecting fitting  
for 15–16 mm shelves



Item	Finish	Order no.	PU
VB 18 D die-cast zinc	nickel-plated	101 055 3	200

Shelf

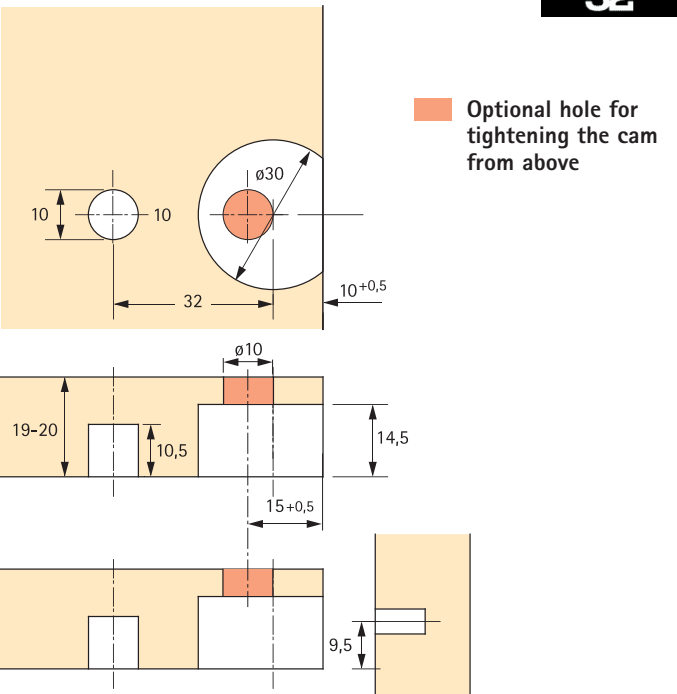


VB 20 connecting fitting  
for 19–20 mm shelves



Item	Finish	Order no.	PU
VB 20 D die-cast zinc	nickel-plated	106 904 2	200

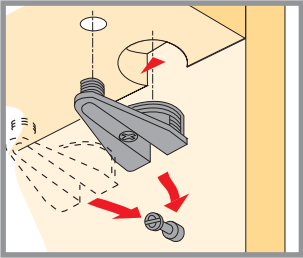
Shelf



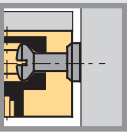


Cam fittings

VB 19 and VB 21



Insert shelf from above or front.



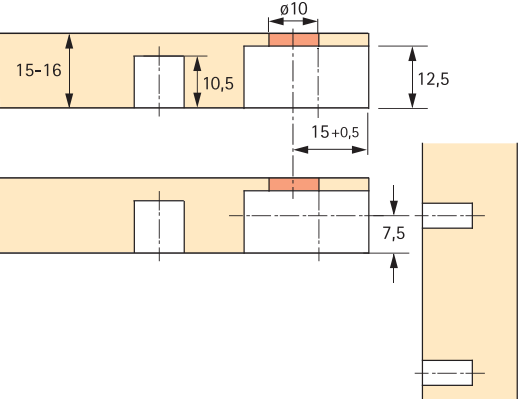
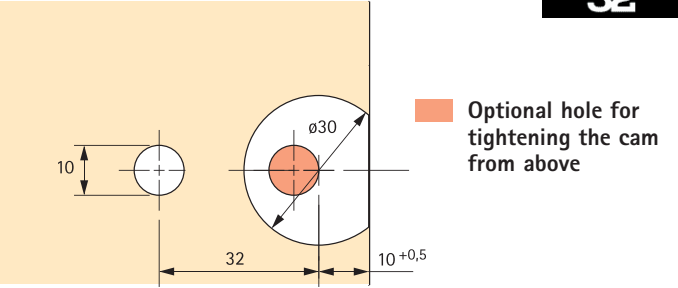
- For solid, positive and non-positive connections between shelves and side panels, high load capacity.
- The fitting is pressed into two blind holes, 30 and 10 mm diameter, 32 mm spacing.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.

Item	Hole pattern
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VB 19 connecting fitting for 15-16 mm shelves



Shelf 

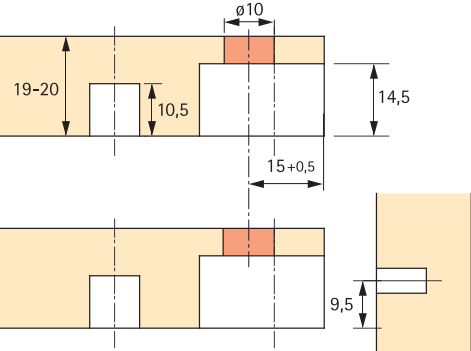
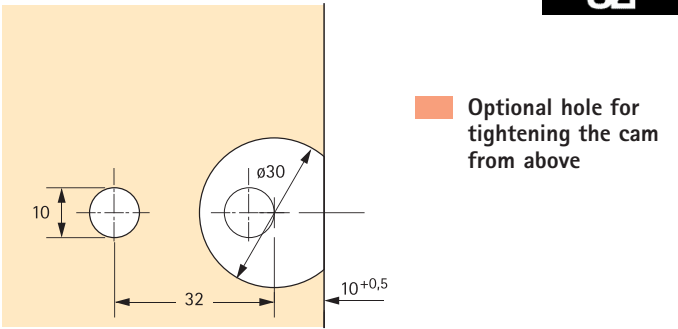


Item	Finish	Order no.	PU
VB 19 D die-cast zinc	nickel-plated	900 603 0	200

VB 21 connecting fitting for 19-20 mm shelves



Shelf 



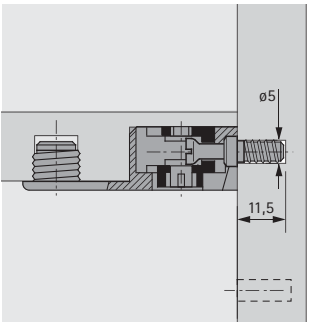
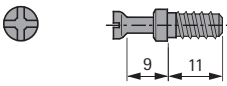
Item	Finish	Order no.	PU
VB 21 D die-cast zinc	nickel-plated	106 904 3	200

Cam fittings

Screw-in dowel and sockets for VB 18/VB 19/VB 20 und VB 21

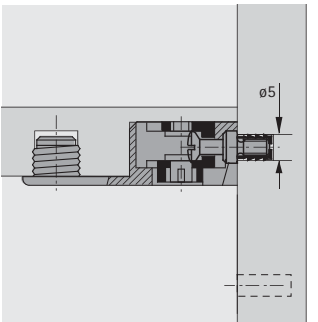
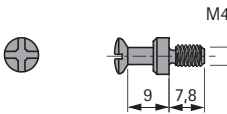
Item
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DU 327 screw-in dowel  
Euro screw thread for  $\varnothing$  5 mm hole,  
10 mm hole depth,  
galvanized steel



Item	Order no.	PU
DU 327 screw-in dowel	903 982 8	2000

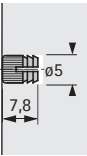
DU 427 screw-in dowel for brass expanding socket and threaded sleeve  
M4 x 7.8 mm thread,  
10 mm hole depth,  
bright steel



Item	Order no.	PU
DU 427 screw-in dowel	103 549 7	2000

Use DU 427 with ...

Expanding socket for M4 thread and  $\varnothing$  5 or 6 mm hole, bright brass



Threaded sleeve for M4 thread and  $\varnothing$  5 mm hole, galvanized steel



Item	Order no.	PU
Expanding socket, hole $\varnothing$ 5 mm	100 507 7	2500

Item	Length L	Order no.	PU
Threaded sleeve	15 mm	100 493 8	1000
	22 mm	100 494 0	1000
	35 mm	100 494 4	1000



Screw-in dowel and sockets for  
VB 18/VB 19/VB 20 und VB 21



Item

**DU 647 screw-in dowel**  
M4 x 7.8 mm thread,  
for a  $\varnothing$  5 mm hole,  
10 mm hole depth,  
bright steel

Item	Order no.	PU
DU 647 screw-in dowel	103 549 6	2000

Use DU 647with ...

**Socket no. 49 M**  
with M6 thread,  
for  $\varnothing$  8 mm hole,  
white plastic

Item	Order no.	PU
Socket no. 49 M	100 492 5	10000

**Socket no. 33 M**  
with M6 thread,  
for  $\varnothing$  10 mm hole,  
white plastic

Item	Order no.	PU
Socket no. 33 M	100 492 8	5000

VB 35



Insert shelf from  
above or front.

- Decorative connecting fittings for positive and non-positive connections between shelves and side panels based on the proven cam locking design.
- The fitting is provided with torque support that can close a gap of 2 mm between sides panels and shelves.
- The fitting is pressed into the  $\varnothing$  20 mm cut-away hole.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.
- A stop keeps shelves from dropping back into position during disassembly.

Item

**VB 35 M/16 cam fitting  
for 16 mm shelves**

Item	Finish	Order no.	PU
VB 35 D/16 die-cast zinc	nickel-plated	101 949 0	500
VB 35/16 plastic	white	101 947 6	1000
	brown	101 947 7	1000
	black	101 947 8	1000

Hole patten

**Shelf**

Optional hole for  
tightening the cam  
from above

**VB 35 M/19 cam fitting  
for 19 mm shelves**

Item	Finish	Order no.	PU
VB 35 D/19 die-cast zinc	nickel-plated	101 949 1	500
VB 35/19 plastic	white	101 947 9	1000
	brown	101 948 0	1000
	black	101 948 1	1000

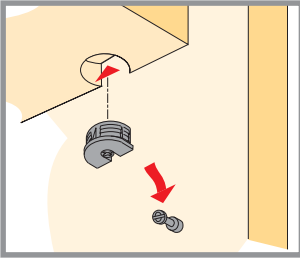
**Shelf**

Optional hole for  
tightening the cam  
from above

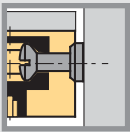


Cam fittings

VB 35 M




Insert shelf from above or front.



- Decorative connecting fittings for positive and non-positive connections between shelves and side panels based on the proven cam locking design.
- The fitting is provided with torque support that can close a gap of 2 mm between sides panels and shelves.
- The fitting is pressed into the  $\varnothing 20$  mm cut-away hole.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.
- A stop keeps shelves from dropping back into position during disassembly.

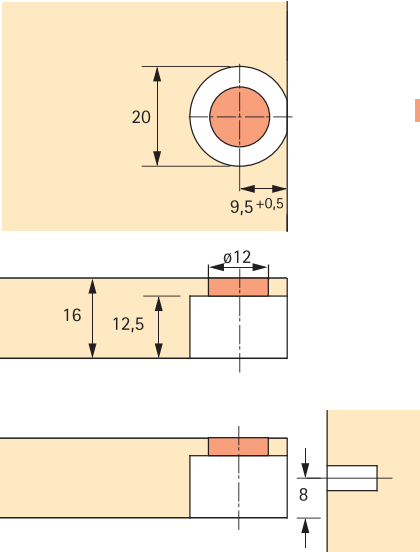
Item

VB 35 M/16 cam fitting for 16 mm shelves



Hole patten

Shelf

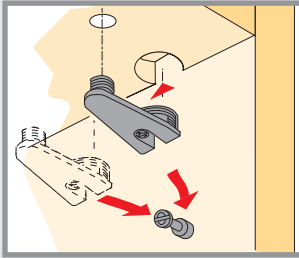


Optional hole for tightening the cam from above

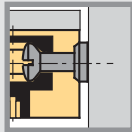
Item	Finish	Order no.	PU
VB 35 MD/16 die-cast zinc	nickel-plated	101 948 8	500
VB M 35/16 plastic	white	101 947 0	1000
	brown	101 947 1	1000
	black	101 947 2	1000

Cam fittings

VB 36




Insert shelf from above or front.



- Decorative connecting fittings for positive and non-positive connections between shelves and side panels based on the proven cam locking design.
- The fitting is provided with torque support that can close a gap of 2 mm between sides panels and shelves.
- The fitting is pressed into two blind holes, 20 and 10 mm diameter, 32 mm spacing.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.
- A stop keeps shelves from dropping back into position during disassembly.

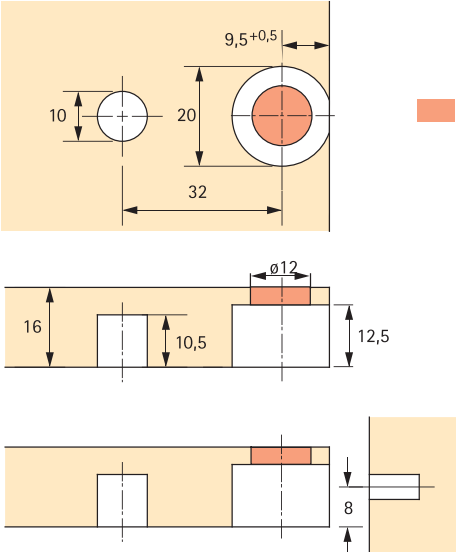
Item

VB 36/16 cam fitting for 16 mm shelves



Hole patten

Shelf



Optional hole for tightening the cam from above

Item	Finish	Order no.	PU
VB 36 D/16 die-cast zinc	nickel-plated	101 949 4	250
VB 36/16 plastic	white	101 948 5	500
	brown	101 948 6	500
	black	107 964 8	500

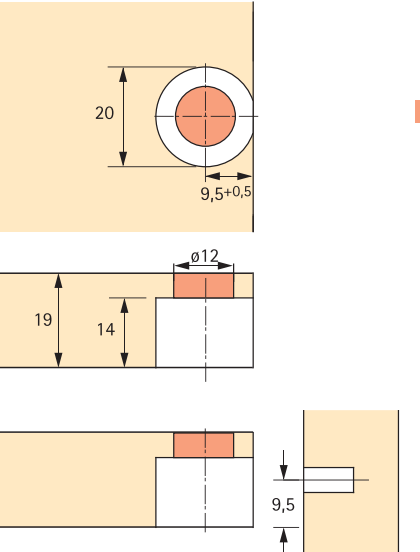
VB 35 M/19 cam fitting for 19 mm shelves



Item	Finish	Order no.	PU
VB 35 MD/19 die-cast zinc	nickel-plated	101 948 9	500
VB M 35/19 plastic	white	101 947 3	1000
	brown	101 947 4	1000
	black	101 947 5	1000

Hole patten

Shelf



Optional hole for tightening the cam from above

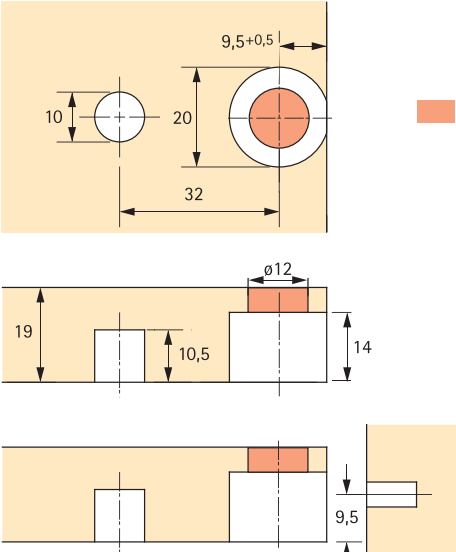
VB 36/19 cam fitting for 19 mm shelves



Item	Finish	Order no.	PU
VB 36 D/19 die-cast zinc	nickel-plated	101 949 5	250
VB 36/19 plastic	white	101 948 7	500
	brown	101 969 4	500
	black	107 964 9	500

Hole patten

Shelf

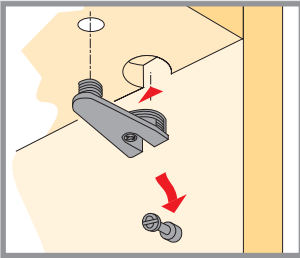


Optional hole for tightening the cam from above

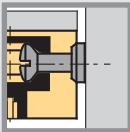


Cam fittings

VB 36 M



Insert shelf from above. Shelf assembly aid.



- Decorative connecting fittings for positive and non-positive connections between shelves and side panels based on the proven cam locking design.
- The fitting is provided with torque support that can close a gap of 2 mm between sides panels and shelves.
- The fitting is pressed into two blind holes, 30 and 10 mm diameter, 32 mm spacing.
- On bottom panels the cam can also be tightened from above. This requires a through hole in the panel.
- A stop keeps shelves from dropping back into position during disassembly.

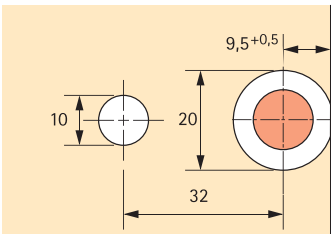
Item

Hole patten

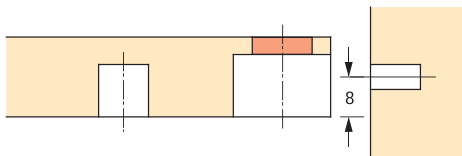
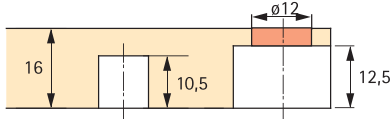
VB 36 M/16 cam fitting for 16 mm shelves



Shelf



Optional hole for tightening the cam from above

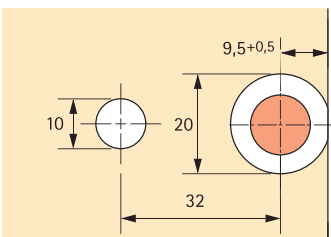


Item	Finish	Order no.	PU
VB 36 MD/16 die-cast zinc	nickel-plated	101 949 2	500
VB M 36/16 plastic	white	101 948 2	1000
	brown	101 948 3	1000
	black	107 965 0	1000

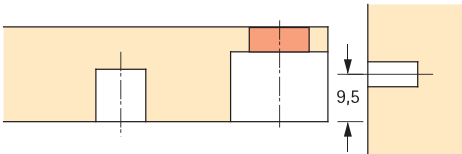
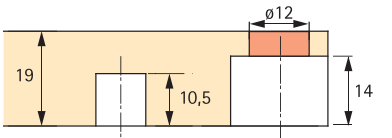
VB 36 M/19 cam fitting for 19 mm shelves



Shelf



Optional hole for tightening the cam from above



Item	Finish	Order no.	PU
VB 36 MD/19 die-cast zinc	nickel-plated	101 949 3	250
VB M 36/19 plastic	white	101 948 4	500
	brown	101 969 3	500
	black	107 964 6	500

Cam fittings

VB 36 HT

- Furniture connector with expandable housing
- 3 mm minimum outer layer thickness
- Expansion dowel secures housing during tightening
- Knock-in pin for improved grip
- Optional ridge assists assembly
- Torque support thanks to proven cam locking design

Note: requires edge band

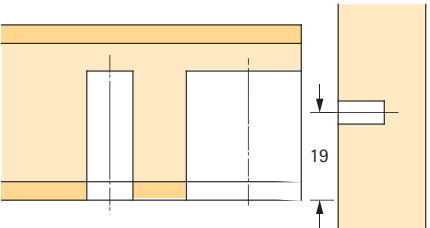
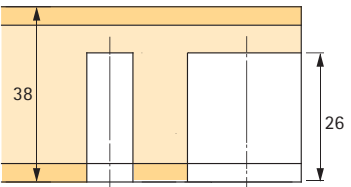
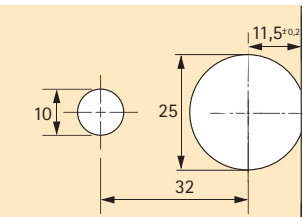
Item

Hole patten

VB 36 HT 38 connecting fitting for 30, 32 and 38 mm boards

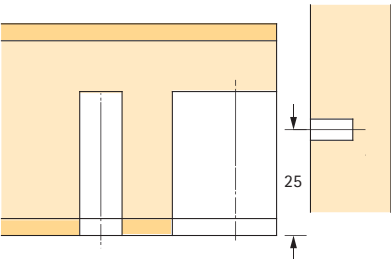
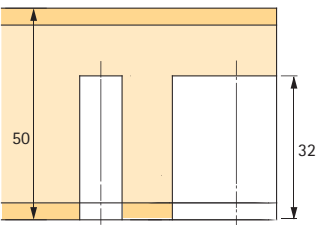
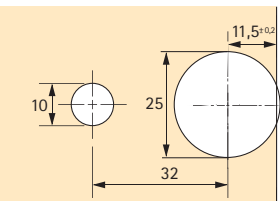


Shelf



Item	Variant	Finish	Order no.	PU
VB 36 HT 38	with ridge	black	906 638 9	200
VB 36 HT 38	with ridge	grey	906 686 4	200
VB 36 HT 38	without ridge	black	906 638 8	200
VB 36 HT 38	without ridge	grey	906 686 5	200

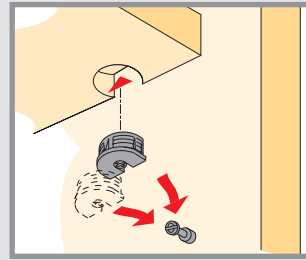
VB 36 HT 50 connecting fitting for 45, 50 and 60 mm boards



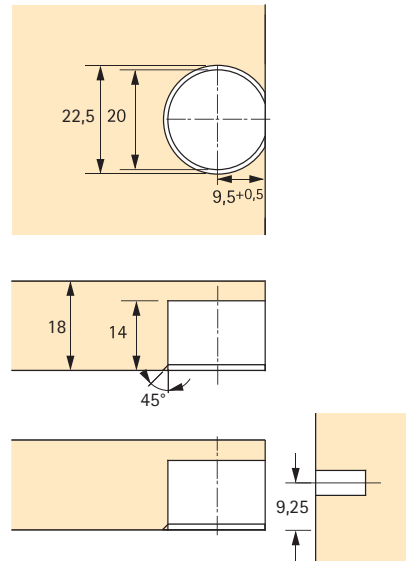
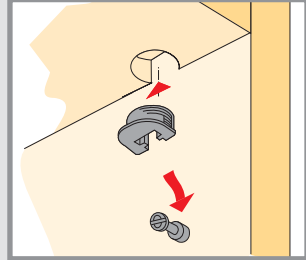
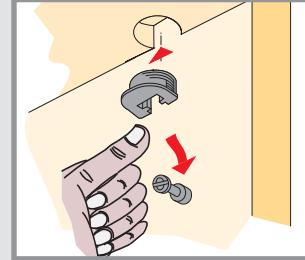
Item	Variant	Finish	Order no.	PU
VB 36 HT 50	with ridge	black	906 639 1	200
VB 36 HT 50	with ridge	grey	906 686 7	200
VB 36 HT 50	without ridge	black	906 639 0	200
VB 36 HT 50	without ridge	grey	906 686 8	200



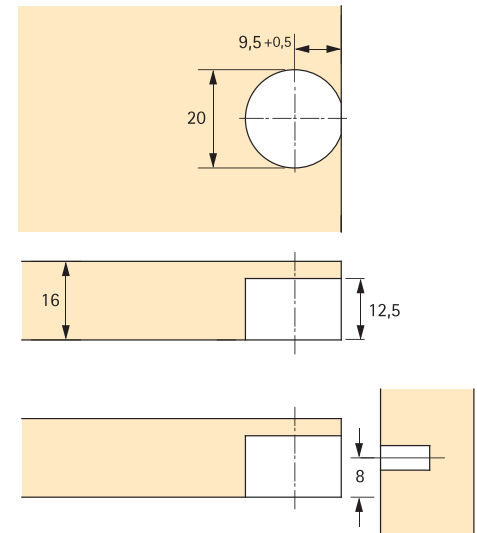
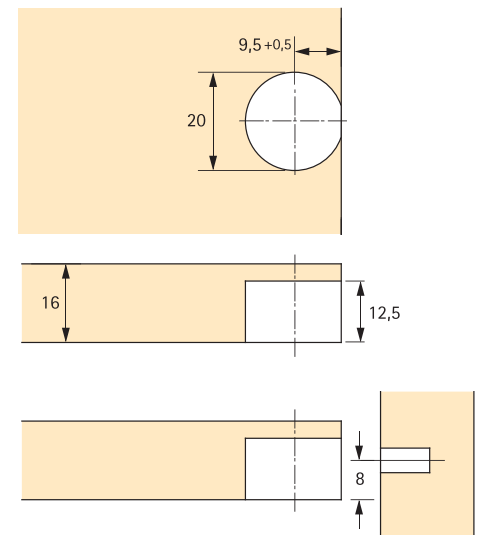
## VB 35 Flush



- | Item | Hole patten |
|------|-------------|
|------|-------------|

System  
32VB 135

- | Item | Hole patten |
|------|-------------|
|------|-------------|

System  
32System  
3227

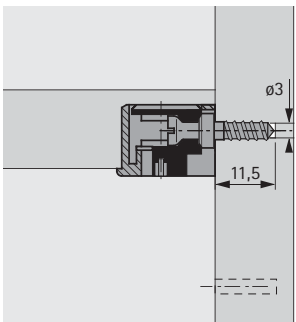


Screw-in dowels for  
VB 35/35 M,  
VB 36/36 M,  
VB 35 Flush  
VB 135



Item

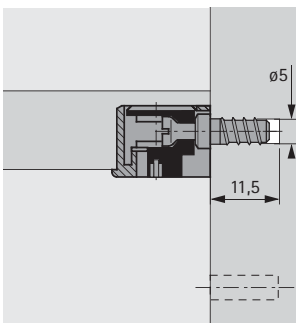
**DU 328 screw-in dowel**  
Euro screw thread for  $\varnothing$  3 mm hole,  
9.5 mm hole depth,  
galvanized steel



Item	Order no.	PU
DU 328 screw-in dowel	903 982 2	5000



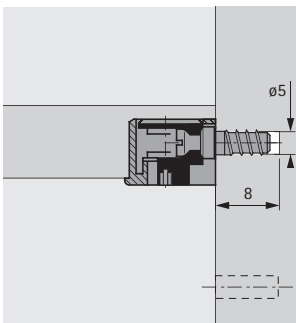
**DU 321 screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
9.5 mm hole depth,  
galvanized steel



Item	Order no.	PU
DU 321 screw-in dowel	902 184 7	5000



**DU 322 screw-in dowel**  
Euro screw thread for  $\varnothing$  5 mm hole,  
9.5 mm hole depth,  
galvanized steel



Item	Order no.	PU
DU 322 screw-in dowel	902 237 0	5000

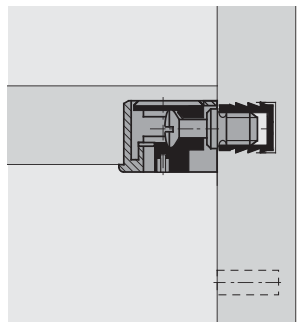


Screw-in dowel and sockets for  
VB 35/35 M,  
VB 36/36 M,  
VB 135



Item

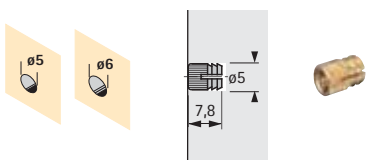
**DU 426 screw-in dowel**  
M4 x 7.8 mm thread,  
9.5 mm hole depth,  
bright steel



Item	Order no.	PU
DU 426 screw-in dowel	103 524 0	1000

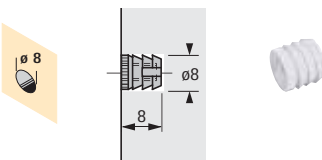
Use DU 426 with ...

**Expanding socket**  
for M4 thread and  
 $\varnothing$  5 or 6 mm hole,  
brass



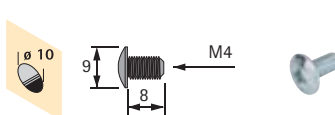
Item	Order no.	PU
Expanding socket, hole $\varnothing$ 5 mm	100 507 7	2500
Expanding socket, hole $\varnothing$ 6 mm	100 580 2	2500

**Socket no. 30**  
with M4 thread  
for  $\varnothing$  8 mm hole,  
white plastic



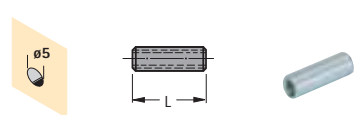
Item	Order no.	PU
Socket no. 30	100 492 7	5000

**End screw**  
for M4 thread and  
use with M4\* threaded  
sleeve as end dowel,  
galvanized steel



Item	Length	Order no.	PU
End screw	8 mm	106 064 7	5000
End screw	9 mm	100 605 1	5000

**\* Threaded sleeve**  
for M4 thread  
and  $\varnothing$  5 mm hole,  
galvanized steel



Item	Length L	Order no.	PU
Threaded sleeve	15 mm	100 493 8	1000
	18 mm	100 493 9	1000
	22 mm	100 494 0	1000

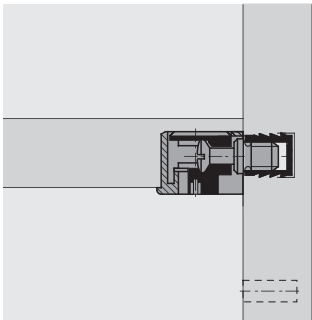
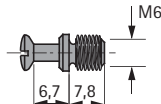


Screw-in dowel and sockets for  
VB 35/35 M,  
VB 36/36 M,  
VB 135



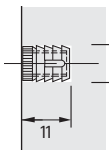
Item

**DU 648 screw-in dowel**  
M6 x 7.8 mm thread,  
9.5 mm hole depth,  
steel



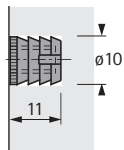
Item	Finish	Order no.	PU
DU 648 screw-in dowel	bright	103 524 1	2000
	galvanized	104 413 3	1000

**Socket no. 49**  
with M6 thread,  
for ø 8 mm hole,  
white plastic



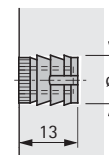
Item	Order no.	PU
Socket no. 49	100 492 5	10000

**Socket no. 33**  
with M6 thread,  
for ø 10 mm hole,  
white plastic



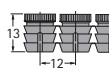
Item	Order no.	PU
Socket no. 33	100 492 8	5000

**Socket no. 100**  
with M6 thread,  
for ø 10 mm hole,  
white plastic



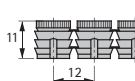
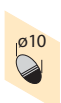
Item	Order no.	PU
Socket no. 100	100 507 4	5000

**Socket strip no. 1**  
with M6 thread,  
for ø 10 mm hole,  
20 pcs per strip,  
white plastic



Item	Order no.	PU
Socket strip no. 1	100 491 6	5000

**Socket strip no. 330**  
with M6 thread,  
for ø 10 mm hole,  
20 pcs per strip,  
white plastic



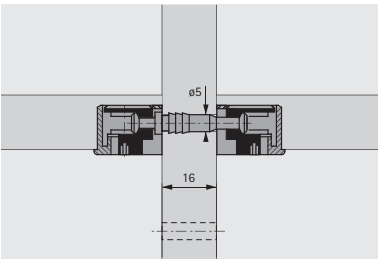
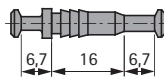
Item	Order no.	PU
Socket strip no. 330	100 507 3	5000

Double dowels for  
VB 35/35 M,  
VB 36/36 M,  
VB 135



Item

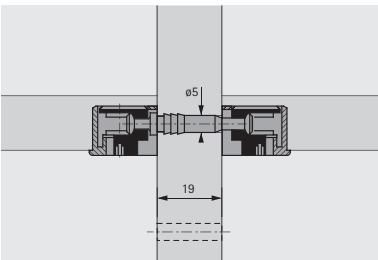
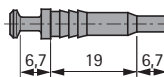
**DU 712 double dowel**  
for 16 mm centre panel,  
ø 5 mm hole,  
9.5 mm hole depth  
bright steel



Item	Order no.	PU
DU 712 double dowel	101 946 2	1000



**DU 867 double dowel**  
for 19 mm centre panel,  
ø 5 mm hole,  
9.5 mm hole depth  
bright steel

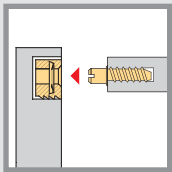


Item	Order no.	PU
DU 867 double dowel	101 946 3	1000





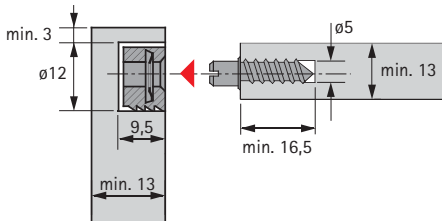
Everfix



- Permanent connecting fitting for universal applications.
- This inconspicuous connecting fitting consists of a threaded stud and knock-in socket with spring steel disc.
- Components can be joined easily and permanently by pressing together by hand.
- Small but powerful, as documented by a pull-out force of 800 N in numerous tests.

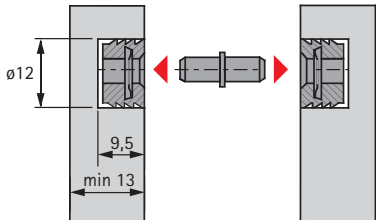
Item Mounting

Everfix with threaded stud



Item	Order no.	PU
Everfix threaded stud	106 769 5	2000
	100 751 0	500

Everfix with Duplo



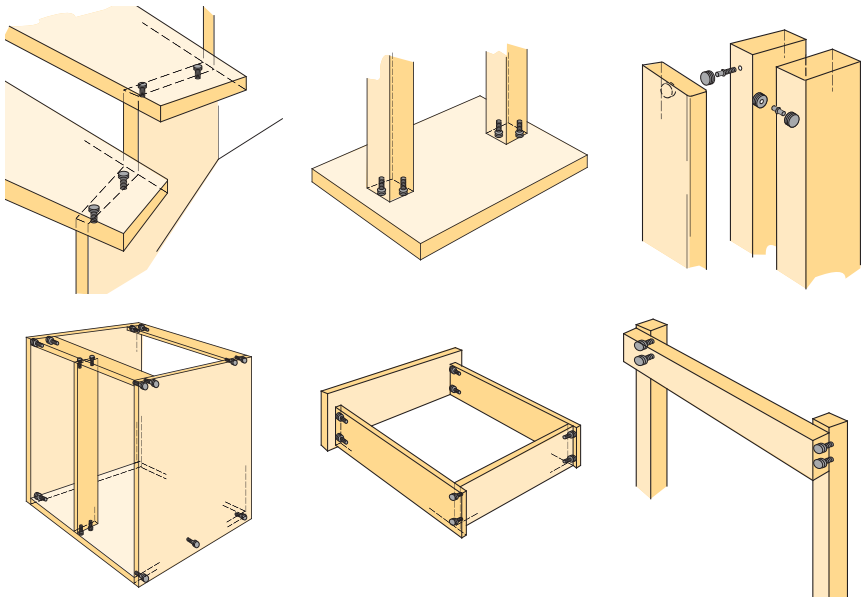
Item	Order no.	PU
Everfix Duplo	106 769 5	2000
	100 470 1	3000

**Everfix** – as front panel connector, drawer profile connector, for ceiling paneling, for shelf systems and stair designs.

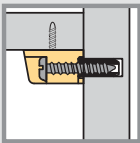
Also ideal for flat-pack or small furniture. Simply press together – done.

Everfix is an economical alternative for joining wooden parts that previously had to be joined with wooden dowels.

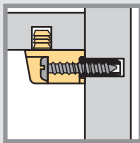
- Holds immediately, permanent and invisible
- Enormous stability with **800 N pull-out force**
- Toolless assembly
- No need to wait for glue to set
- Large tolerance compensation
- Everfix eliminates the need for carpenter clamps



TZ 4 TD  
for solid wood furniture



TZ 32/33 S

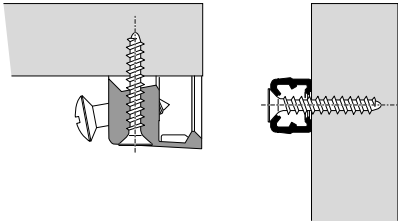


Item Mounting

TZ 4 TD block connecting fitting

- Simple assembly via special clip-on feature.
- Metal upper and lower parts.
- Swelling/shrinkage of solid wood is compensated by up to 4 mm by the oval hole.

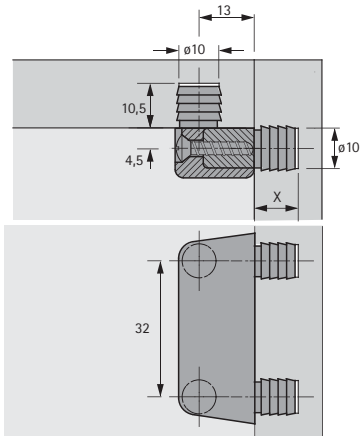
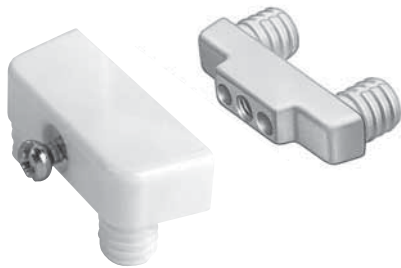
The **TZ 4 all-metal** connecting fitting is especially easy to use because the screwdriver is held at an angle.



Item	Material/Finish	Order no.	PU
TZ 4 STD - upper part nickel-plated		106 687 0	200
TZ 4 STD - lower part galvanized		106 689 5	1000
Complete set		106 879 2	1000

TZ 32/33 S block connecting fitting

Press-in connector, with 10 mm or 7.5 mm socket length. 32 mm hole spacing. White or brown plastic, special colours on request. With premounted 4.8 x 17 mm multi-slit screw.



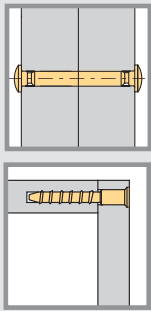
Item	Material/Finish	Order no.	PU
TZ 32/33 S - upper part	plastic/white	100 569 0	500
	plastic/brown	100 581 6	500
TZ 32 S - lower part 10 mm socket length	plastic/white	100 479 1	1000
TZ 33 S - lower part 7.5 mm socket length	plastic/white	100 481 6	1000

	Hole depth X
TZ 32	10.5 mm
TZ 33	8.0 mm



Connecting screws

VHS 32



Direkta 2

Item	Mounting
------	----------

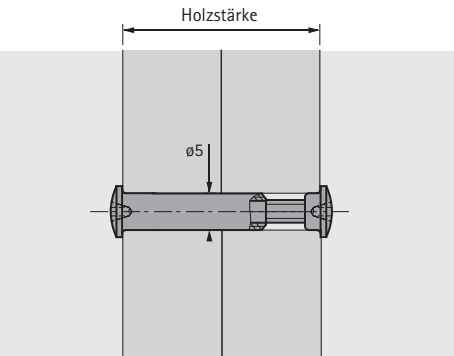
VHS 32 connecting screws

Decorative panel connector with high clamping force, for  $\varnothing$  5 mm hole.

27 or 35 mm long sleeves

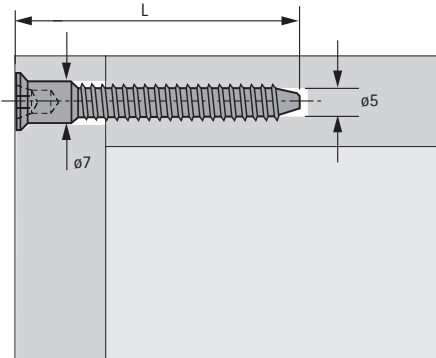
The tapped thread is recessed to make it easier to screw in the connecting screw.

M4 x 15 mm screw, nickel-plated steel, sleeve, nickel-plated steel



Item	Wood thickness	Order no.	PU
VHS 32/27 with screw	28–36 mm	105 451 9	2000
VHS 32/35 with screw	36–44 mm	105 452 0	2000

Direkta 2 single-screw connector with tapped hole and PZ cross-head screw, steel

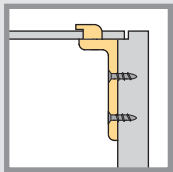


Item	Finish	Wood thickness	Order no.	PU
Direkta 2	galvanized	40 mm	100 511 0	1000
with PZ cross-head	galvanized	50 mm	100 510 9	1000

Back panel connectors

RV 1

RV 2



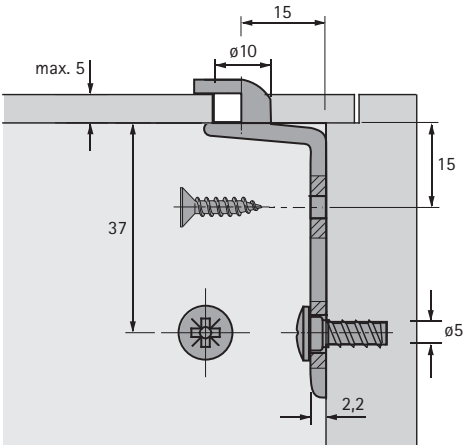
Item	Mounting
------	----------

RV 1 back panel connector

Sturdy fitting, can be used for  $\varnothing$  5 mm hole lines. Draws the back panel tightly against the cabinet side panel.

Die-cast zinc

Euro screws for  $\varnothing$  5 mm holes, PZ cross-head with cylinder head



Euro screws for RV 1



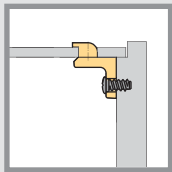
Item	Finish	Order no.	PU
RV 1	nickel-plated	107 539 5	250
RV 1 with Euro screw for 28 or 37 mm hole line	nickel-plated	107 906 5	250

Item	Length	Order no.	PU
Euro screw	6.3 x 11 mm	100 499 1	1000
	6.3 x 13 mm	100 499 2	1000
	6.3 x 15 mm	100 597 4	1000



Back panel connectors


RV 3  
RV 8

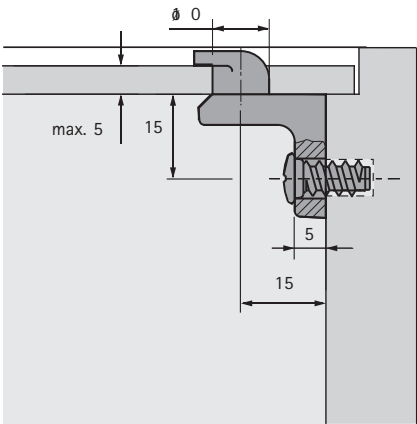


**Item**

**Mounting**


**RV 3 back panel connector**  
Decorative fitting made of **plastic** or **die-cast zinc**.  
Oval hole compensates for drilling tolerances.





**Euro screws for RV 3**

Item	Length	Order no.	PU
Euro screw	6.3 x 11 mm	100 499 1	1000
	6.3 x 13 mm	100 499 2	1000
	6.3 x 15 mm	100 597 4	1000



RV 8 back panel connector



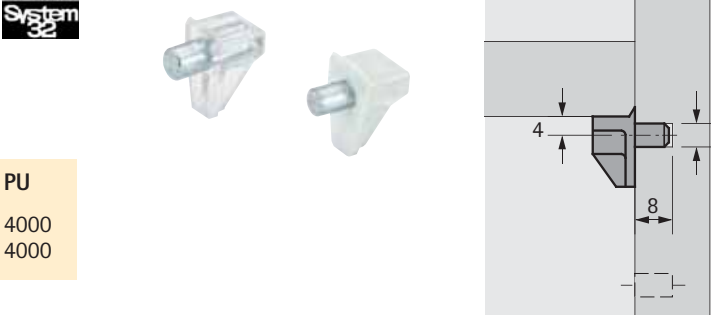
Item	Finish	Order no.	PU
Back panel connector RV 8			
plastic	white	107 585 0	5000

Shelf supports



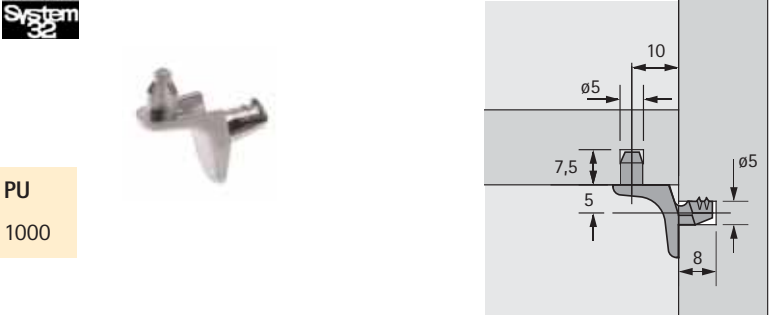
**Item**

**Safety**  
Steel pin with moulded plastic support



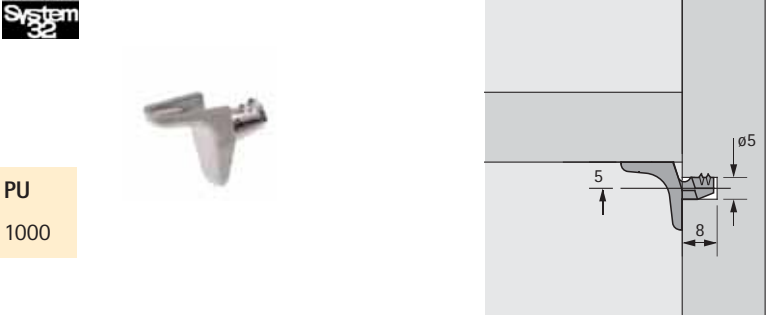
Pin ø	Finish	Order no.	PU
5 mm	white	100 483 1	4000
	transparent	100 565 5	4000

**Sekura 1.1**  
ø 5 mm pin  
plus support pin for shelf  
Die-cast zinc



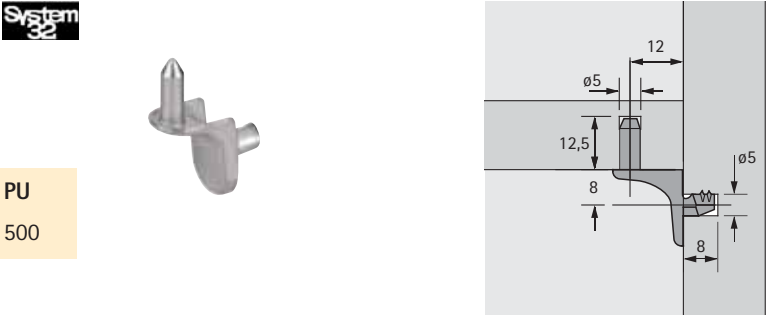
Item	Finish	Order no.	PU
Sekura 1.1	nickel-plated	901 011 0	1000

**Sekura 2.1**  
ø 5 mm pin  
Die-cast zinc



Item	Finish	Order no.	PU
Sekura 2.1	nickel-plated	901 011 1	1000

**Sekura 6**  
ø 5 mm pin  
plus support pin for shelf  
Die-cast zinc



Item	Finish	Order no.	PU
Sekura 6	nickel-plated	900 555 8	500





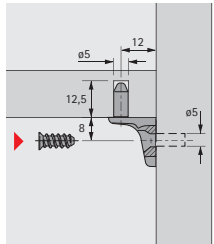
Item

Sekura 7

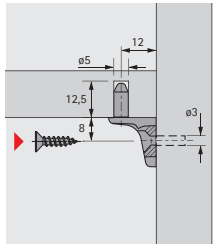
- 1 ø 5 mm hole for Euro screw, 6.3 mm countersunk screw
  - 2 ø 3 mm hole for ø 4 mm countersunk screw
- Additional support pin for shelf
- Die-cast zinc



1



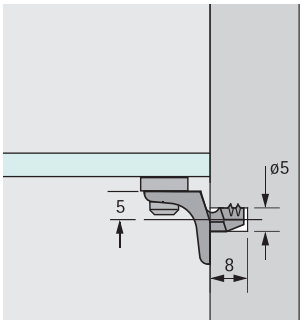
2



Hole ø	Finish	Order no.	PU
5 mm	nickel-plated	101 102 7	1000
3 mm	nickel-plated	100 697 7	1000

Sekura 8

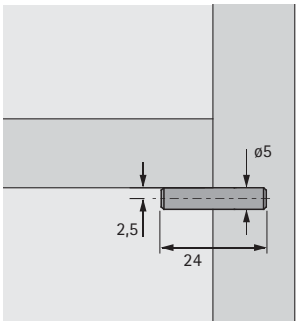
- ø 5 mm pin  
with glass shelf support
- Die-cast zinc/transparent



Item	Finish	Order no.	PU
Sekura 8	nickel-plated	101 056 4	2000

Plug-in shelf support  
ø 5 x 24 mm

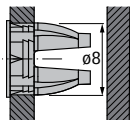
Steel



Item	Finish	Order no.	PU
Plug-in shelf support	galvanized	100 543 2	3000

Expanding socket for lightweight board

- No. 4 HT  
threaded expanding socket  
for ø 8 mm hole.
- Use for:
- 3 and 4 mm outer layer thickness
  - Low-load applications, eg, shelf supports and wardrobe rail supports



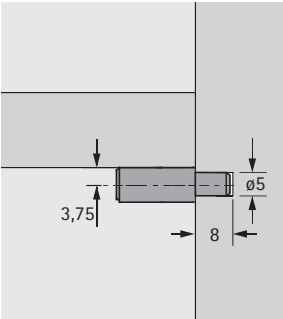
Item	Order no.	PU
No. 4 HT expanding socket	906 639 2	5000



Item

Plug-in shelf support  
with shoulder  
ø 5 mm pin

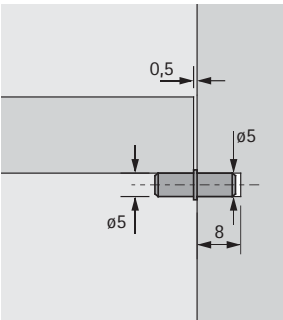
Steel



Item	Finish	Order no.	PU
Plug-in shelf support with shoulder	galvanized	100 543 3	1000

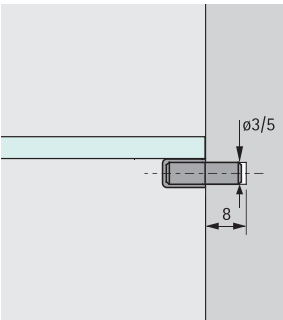
Duplo

- ø 5 mm pin each end
- Steel



Item	Finish	Order no.	PU
Duplo	galvanized	100 470 1	3000

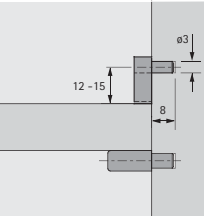
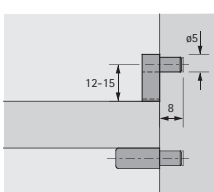
Glass shelf support  
with soft plastic cover  
steel pin galvanized,  
transparent plastic



Item	Pin ø	Order no.	PU
Glass shelf support	5 mm	105 616 3	3000
	3 mm	105 616 4	2000

Shelf securing stud

Transparent plastic



Item	Pin ø	Order no.	PU
Shelf securing stud	5 mm	100 508 2	5000

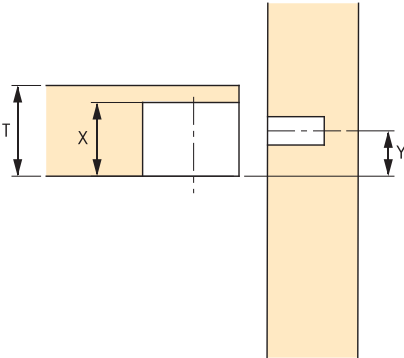
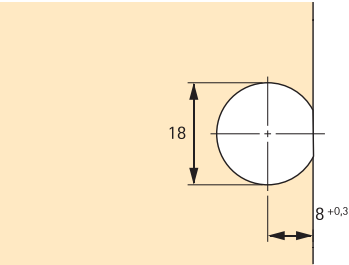


Toolex VB 54

- Shelf support with threaded knock-in dowel.
- For ø 3 and ø 5 mm hole lines.
- Easy shelf disassembly via flexible locking catch in connector housing, renewed assembly possible at any time.
- Rim on housing always guarantees correct position of housing, even if holes have been drilled too deep.
- For shelves thicker than 23 mm the keyhole suspension E allows screws to be premounted on the cabinet.
- Wide range of screw types available for support attachment in ø 3 mm and ø 5 mm hole lines.
- Die-cast zinc/plastic.

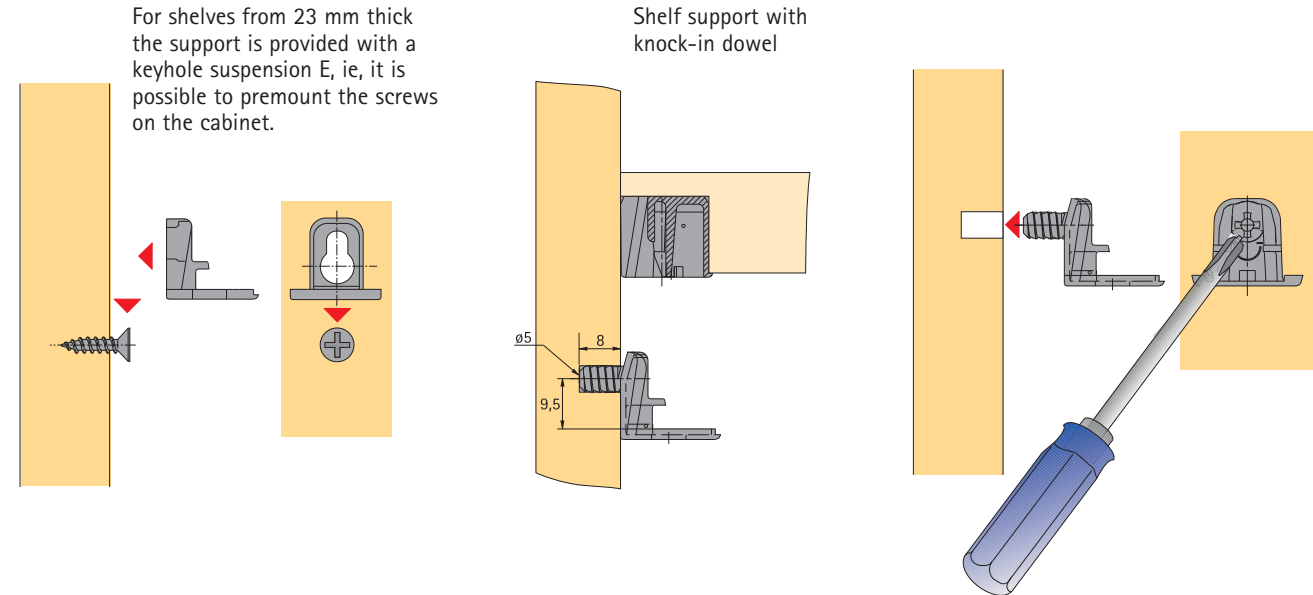
Item	Hole pattern
------	--------------

Toolex VB 54 shelf connecting fitting



Item	Finish	Order no.	PU
VB 54/16	grey/nickel-plated	104 958 2	1000
VB 54/19	grey/nickel-plated	104 958 3	1000
VB 54/23 E	grey/nickel-plated	104 958 5	1000
VB 54/26 E	grey/nickel-plated	105 352 9	1000
VB 54/29 E	grey/nickel-plated	105 353 3	1000
VB 54/19 housing	grey	104 957 9	1000
VB 54/19 shelf support with knock-in dowel	nickel-plated	900 703 9	1000

Item	T mm	X mm	Y mm
VB 54/16	16	13.5	8
VB 54/19	19	15	9.5
VB 54/23 E	23	17	11.5
VB 54/26 E	26	18.5	13
VB 54/29 E	29	20	14.5



Toolex VB 54

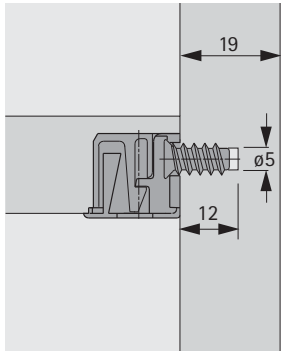
Item
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Euro screw options

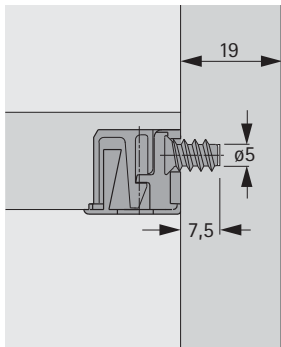
Euro screws Order no.	Screw dimensions mm	for hole ø	Hole depth	PU	Use for
103 645 6	6.3 x 15	5 mm	12	1000	VB 54/16, 19, 23, 26, 29
100 550 8	6.3 x 10.5	5 mm	7.5	1000	VB 54/16 + 19
100 572 3	6.3 x 12.5	5 mm	9.5	1000	VB 54/16 + 19

Applications using Euro screws

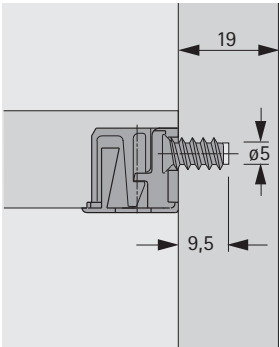
Screw order no.: 103 645 6



Screw order no.: 100 550 8

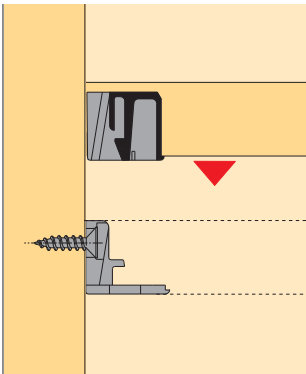


Screw order no.: 100 572 3

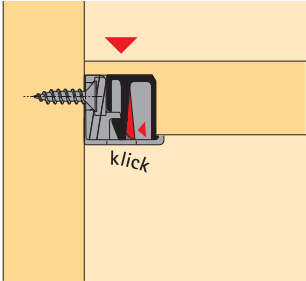


Assembly

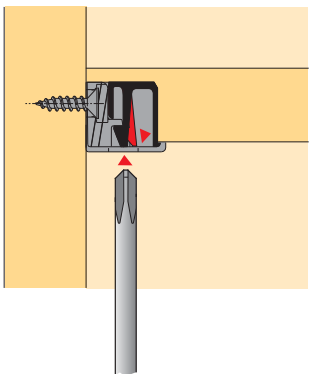
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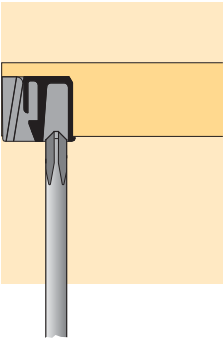
2



Disassembly



Resetting





Interior fittings

# Wardrobe rails

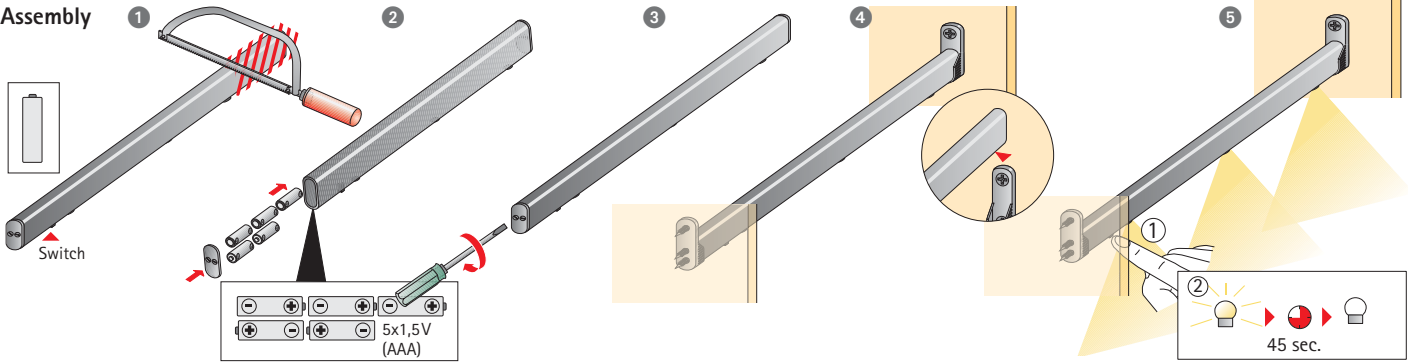


Item

**Illuminated Lite inside wardrobe rail**  
Preassembled, illuminated wardrobe rail, includes batteries.  
Oval rail cross-section 30 x 15 mm, nickel-plated steel.  
Finger-tip switch.  
Automatic switch-off after approx. 45 seconds.  
Additional centre support required for rail lengths greater than 1000 mm.  
Use with existing Hettich rail supports.

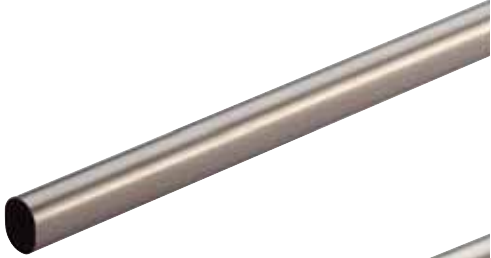
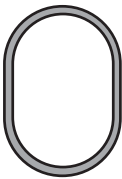


Item	Number of LEDs	Total length mm	Min. length (one-sided trim) mm	Order no.	PU	Minimum order quantity
Lite-inside with switch	2	505	339	030 068	25	50
	3	656	506	030 069	25	50
	4	823	657	030 301	25	50
	5	974	824	030 302	25	50
	6	1141	975	030 303	25	50
	7	1292	1142	030 304	25	50
Lite-inside with sensor	on request					



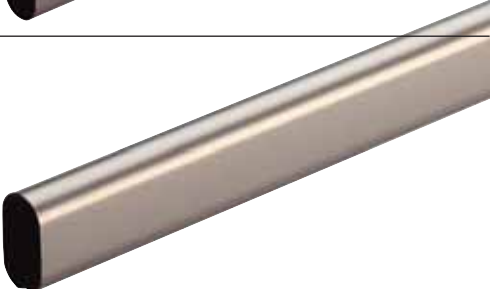
**Wardrobe rail 22 x 15**  
Oval cross-section

Item	Finish	Order no.
Wardrobe rail oval	galvanized	Depends on length, Order on request EE 2313



**Wardrobe rail 30 x 15**  
Oval cross-section

Item	Finish	Order no.
Wardrobe rail oval	matt nickel-plated titanium-grey galvanized	Depends on length, Order on request EE 3011



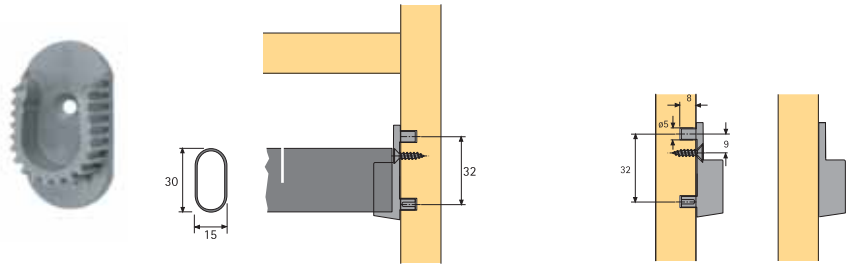
Interior fittings

# Wardrobe rail supports



Item

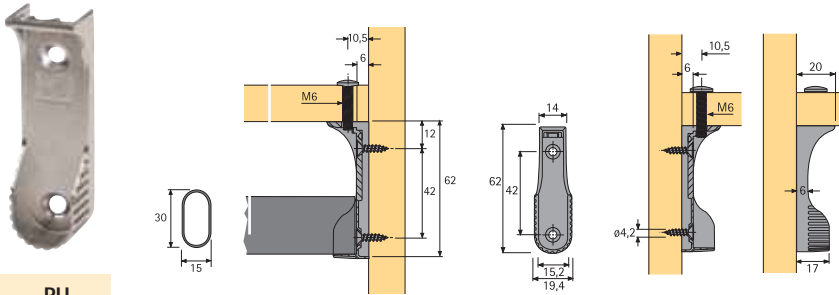
**Wardrobe rail support SL 328**  
Press-in version with 2 dowels for ø 5 mm hole,  
dowel pitch 32 mm  
1 screw hole,  
plastic



Item	Finish	Order no.	PU
SL 328	white	903 844 7	1000

Rail length = inside cabinet width - 8 mm

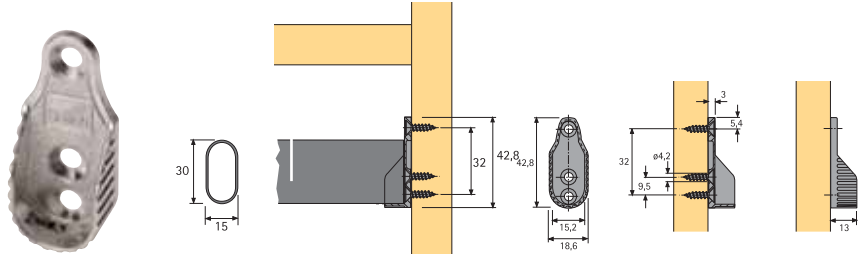
**Wardrobe rail support SL 786 DD**  
Screw-on version under shelf  
with special-purpose M6 x 25 screw  
plus 2 screw holes for fixing to side panel,  
nickel-plated die-cast zinc



Item	Finish	Order no.	PU
SL 786 DD	nickel-plated	905 656 8	200

Rail length = inside cabinet width - 13 mm

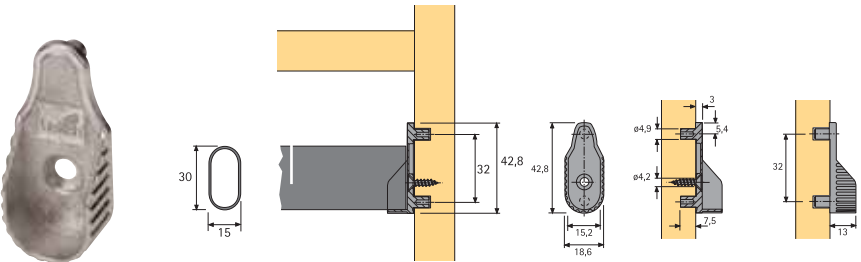
**Wardrobe rail support SL 322 DD**  
Screw-on version with 3 holes  
Hole pitch 32 mm,  
nickel-plated die-cast zinc



Item	Finish	Order no.	PU
SL 322 DD	nickel-plated	905 657 9	50

Rail length = inside cabinet width - 7 mm

**Wardrobe rail support SL 323 DD**  
Press-in version with 2 dowels for ø 5 mm hole,  
dowel pitch 32 mm  
plus 1 screw hole,  
nickel-plated die-cast zinc



Item	Finish	Order no.	PU
SL 323 DD	nickel-plated	905 657 3	500

Rail length = inside cabinet width - 7 mm





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