

12

HÄFELE

CONNECTORS AND SHELF SUPPORTS



Cabinet Connectors

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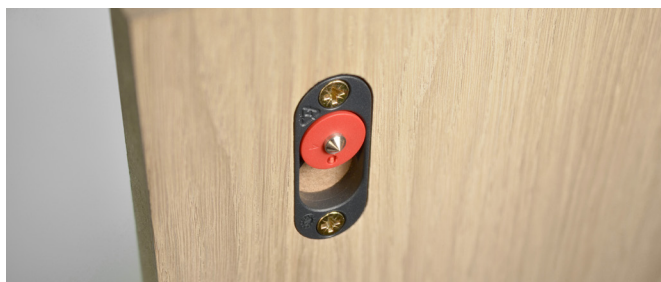
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Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.



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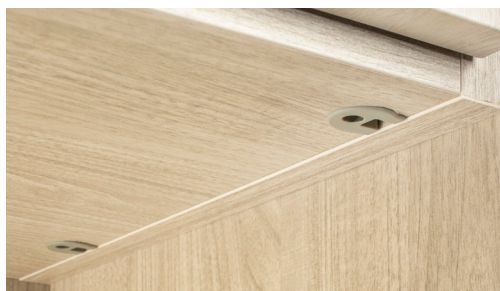
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Häfele Rafx System

→ Rafx 20



ixconnect

The Rafx 20 cabinet connector systems have zinc alloy tightening elements that are based on the centric sphere principle.

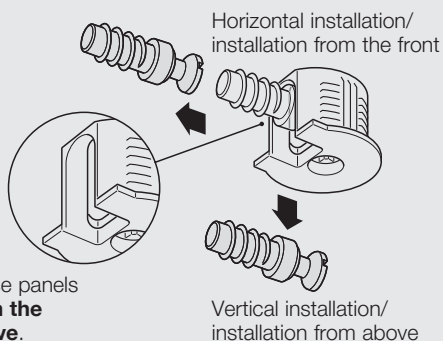
- > Secure tightening, even after repeated loosening and re-tightening
- > The bolts are centrally guided resulting in no offsetting against the side panels
- > Tolerances are compensated for by long tightening distance
- > Comfortable tightening with drive tool in 25° position
- > All drilling operations take place on a flat surface

Rafx 20		> Zinc alloy or plastic connector housing > Without dowel > With tightening element that uses the centric sphere principal > Only one drill hole > With or without rim (zinc alloy is only available with rim)
		> Zinc alloy or plastic connector housing > With dowel that provides accurate positioning > With tightening element that uses the centric sphere principal > Better pull-out resistance values > Robust appearance
Rafx 20 Tab		> Plastic connector housing > Without dowel > Without tightening element > Design and drilling dimensions are identical to Rafx 20 without dowel > Tightening in slightly angled position > Installs and is removed by sliding on and lifting the connecting bolt > With rim

→ Installation

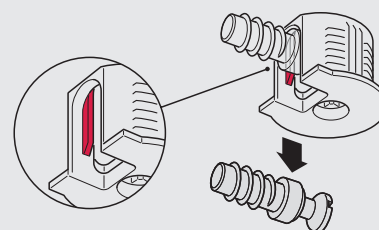
The Rafx 20 connector housings have two types of recess to accommodate a connecting bolt:

① Without ridge:

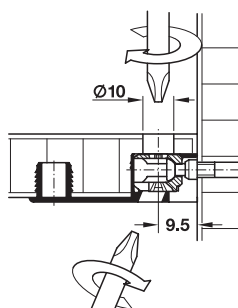


The construction base panels can be inserted **from the front** and **from above**.

② With ridge:



The construction base panels can only be inserted **from above** (vertical installation/ installation from above). The components are pre-fixed.

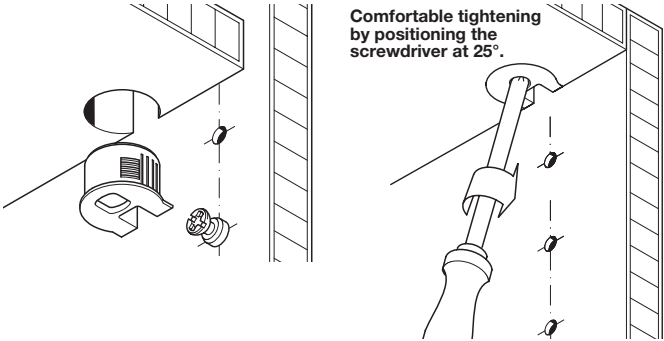
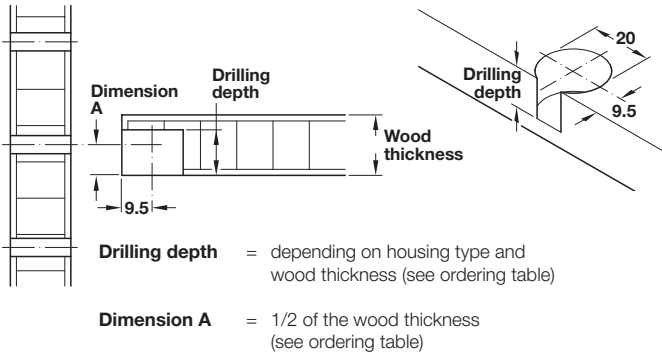


Specially designed housing allows for access from above to the tightening element. Concealed installation and tightening via a Ø10 mm (13/32") through hole. The through hole is concealed using a cover cap. Comfortable tightening of the connector from below with screwdriver in 25° position.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

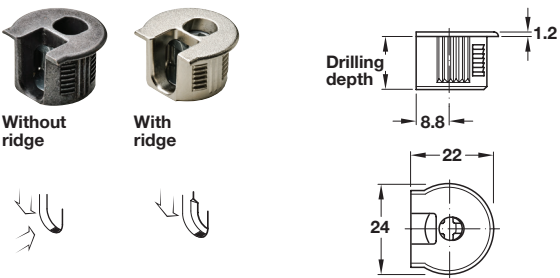
Häfele Rafix System

ixconnect



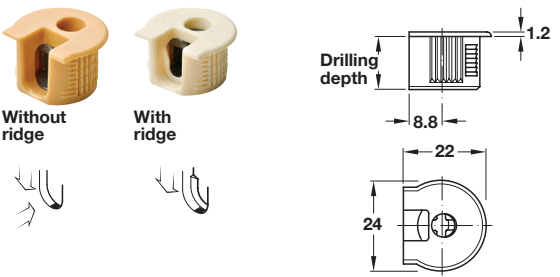
Wood thickness	Dim. A mounting center	Drilling depth
16	8.0	12.7+0.2 mm
19	9.5	14.2+0.2 mm

→ Rafix 20 Housings



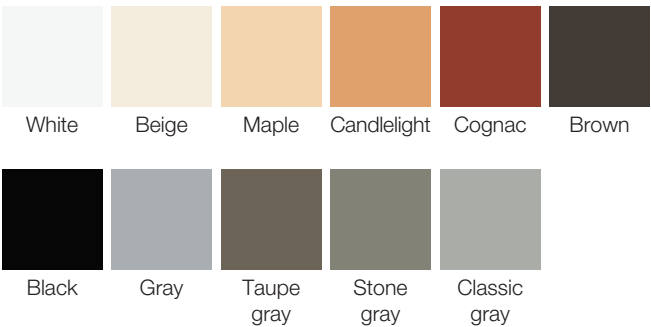
- > With tightening element
- > Drive: Pozi #2
- > Material: Zinc Alloy

Wood thickness	Finish	Without ridge	With ridge
16	nickel-plated	263.11.703	263.15.703
19	nickel-plated	263.11.705	263.15.705
	bronzed	263.11.105	263.15.105



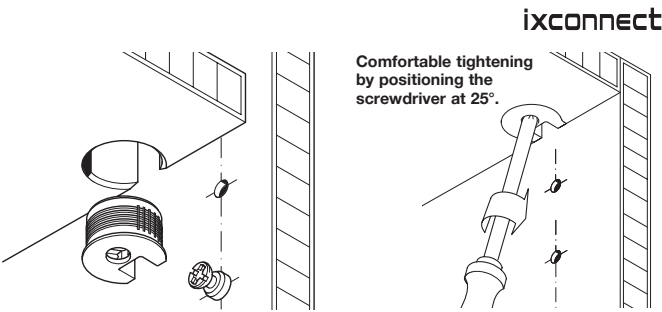
- > With tightening element
- > Drive: Pozi #2
- > Material: Plastic; Tightening element: Zinc Alloy

Wood thickness	Color	Without ridge	With ridge
16	white	263.10.703	263.14.703
	beige	263.10.403	263.14.403
	brown	263.10.103	263.14.103
	black	263.10.303	263.14.303
19	white	263.10.705	263.14.705
	beige	263.10.405	263.14.405
	maple	263.10.165	–
	candlelight	263.10.125	263.14.605
	cognac	263.10.185	–
	brown	263.10.105	263.14.105
	black	263.10.305	263.14.305
	gray	263.10.205	263.14.205
	taupe gray	263.10.615	263.14.615
	stone gray	263.10.815	263.14.815
	classic gray	263.10.915	263.14.915



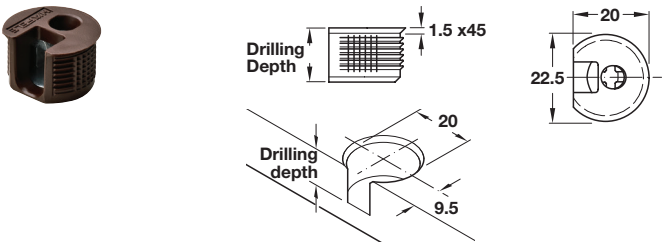
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Rafx System



- > No projecting parts due to the countersunk rim on the housing
- > Housing is mounted flush to the shelf
- > Panels can be stacked without spacers

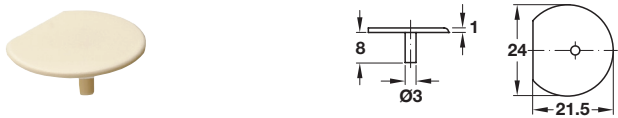
→ Rafx 20 Flush Fittings



- > With tightening element
- > Wood thickness: 19 mm
- > Mounting center: 9.5 mm
- > Drilling depth: 14.2+0.2 mm
- > Material: Plastic; Tightening element: Zinc Alloy

Color	Without ridge	With ridge
white	263.50.705	263.52.705
beige	263.50.405	-
brown	263.50.105	-
black	263.50.305	-
gray	-	263.52.205

→ Trim Caps



- > For Rafx 20 flush fitting
- > Material: Plastic

Color	Item No.
white	263.59.730
beige	263.59.430

Häfele Rafix System

- > Easy to apply without caulking or extra glue
- > Can be cut to fit
- > Same texture, color and appearance of industry standard sheet goods
- > Proper installation is not dependent on the screw
- > Provides durable, attractive coverage

→ Capfix Self-Adhesive Rafix



- > Thickness: 0.90 mm
- > Peel - 28.3 N/2.5 cm
- > Ultimate Peels - 36.2 N/2.5 cm
- > Hold: 13.8 KPQ
- > Temperature resistance: 40°–121° C
- > Application temperature: 12.5° C
- > Release liner: 98 GSM
- > Material: Polyvinyl

Finish	Item No.
black	045.43.300
almond	045.43.400
fog gray	045.43.500
folkstone gray	045.43.501
bourbon cherry	045.43.603
white	045.43.700
antique white	045.43.701
presidential walnut	045.43.711

Note

Finishes shown in table order

→ Custom Color Punch Kit Replacement Die



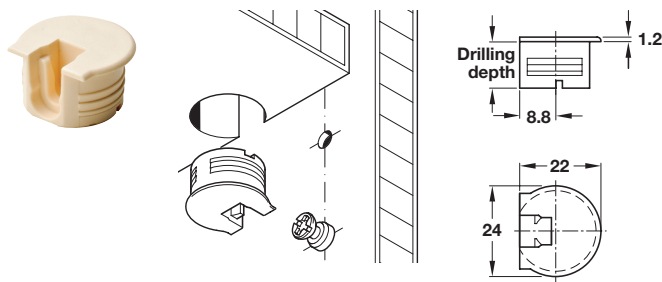
- > Rafix 1
- > Material: Steel

	Item No.
	001.32.780

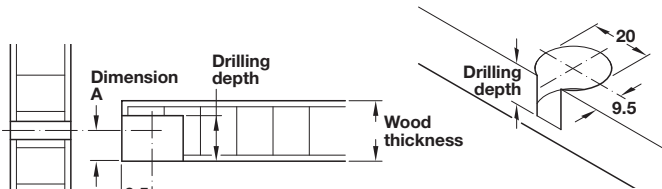
Häfele Rafix System

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→ Rafix 20 TAB Housings



- > Rafix 20 TAB is a continuation of the Rafix design line for shelf connections
- > The housing is pressed into the shelf and pushed onto the connecting bolt
- > A cost effective method for creating a positive engagement shelf support
- > Uses standard Rafix machining while allowing for a tool-free connection
- > Without tightening element
- > Material: Plastic

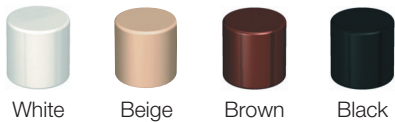


Drilling depth = depending on housing type and wood thickness (see ordering table)

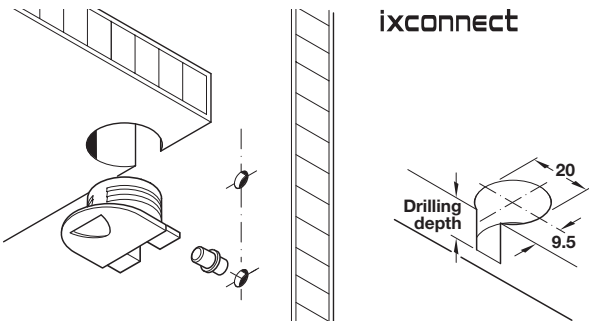
Dimension A = 1/2 of the wood thickness (see ordering table)

Color	19 mm	16 mm
white	263.09.732	263.09.731
beige	263.09.432	-
brown	263.09.132	-
black	263.09.332	263.09.339

Wood thickness	Dim. A mounting center	Drilling depth
16	8.0	12.7+0.2 mm
19	9.5	14.2+0.2 mm

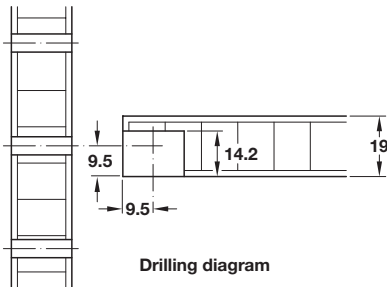


Häfele Rafx System



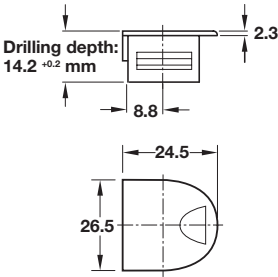
ixconnect

- > Rafx TAB with sliding cover cap is a continuation of the Rafx design line for supporting shelves
- > Pre-installation of shelves prior to shipping is possible, saving installation time
- > Standard Rafx and shelf support drilling patterns minimize part confusion in manufacturing
- > Shifting items on the shelves will not cause the shelf to move or fall off the pins
- > Can be used as an angle shelf pivot



Drilling diagram

→ Rafx 20 TAB Housing with Sliding Cover Cap

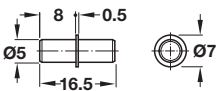


- > Material: Plastic

Housing/Cover cap
gray/white

Item No.
263.09.795

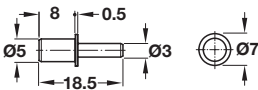
→ Shelf Supports



- > Ø: 5 mm
- > Material: Steel

Finish
zinc-plated

Item No.
282.43.905



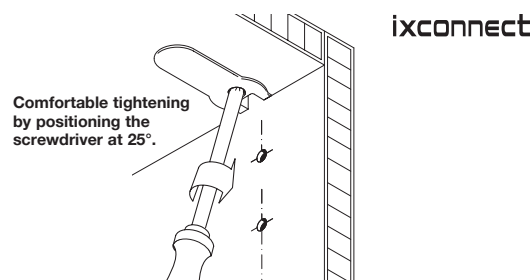
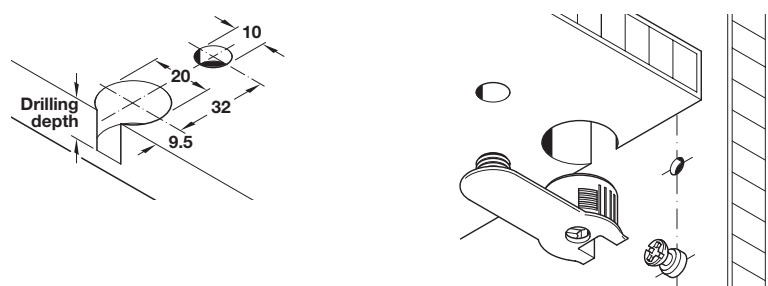
- > Ø: 3 mm
- > Material: Steel

Finish
nickel-plated

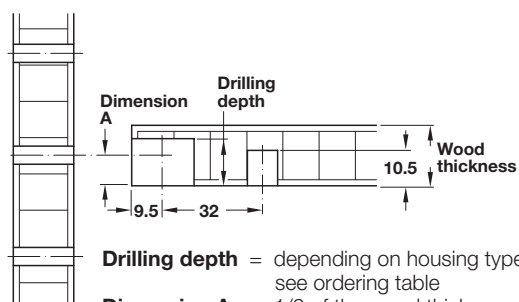
Item No.
282.43.727

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Rafx System



Provides added structure, strength and easy alignment.



Drilling depth = depending on housing type and wood thickness, see ordering table

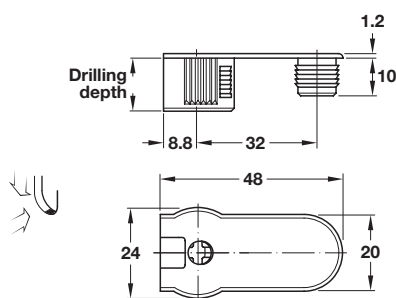
Dimension A = 1/2 of the wood thickness, see ordering table

Wood thickness	Dim. A mounting center	Drilling depth
16	8.0	12.7+0.2 mm
19	9.5	14.2+0.2 mm

→ Rafx SE 32 Dowel Studs



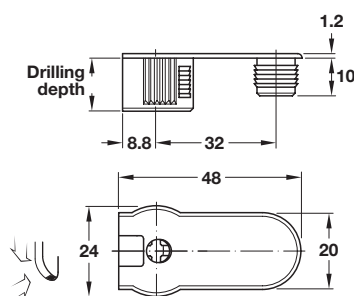
Nickel-Plated



- > With tightening element
- > Without ridge
- > Wood thickness: 19 mm
- > Drive: Pozi #2
- > Material: Zinc Alloy

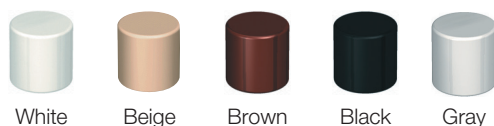
Finish	Item No.
nickel-plated	263.13.705

Supplied With
500 pcs.

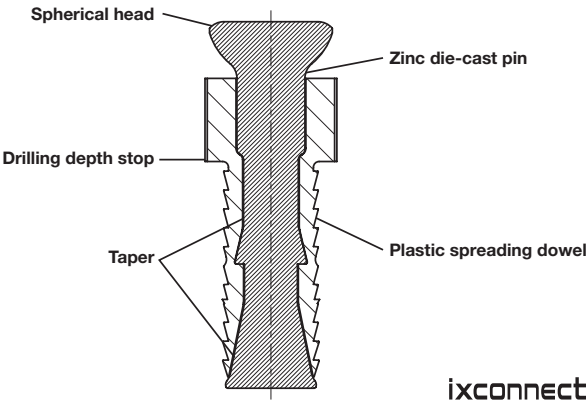


- > With tightening element
- > Without ridge
- > Wood thickness: 19 mm
- > Drive: Pozi #2
- > Material: Plastic; Tightening element: Zinc Alloy

Color	Item No.
white	263.12.705
beige	263.12.405
brown	263.12.105
black	263.12.305
gray	263.12.505



Häfele Rafix System

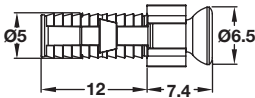


The Rafix spreading bolt is inserted by hand into a 5 mm hole in a side panel producing an immediate and firm locking connection when tightened.

The bolt consists of a double-tapered metal pin with the typical Rafix spherical head. This is embedded into a plastic spreading dowel. The top of the dowel is fitted with a knurled depth stop which makes manual insertion simple. The panel components are drawn together with a firm locking connection as the stop ensures a uniform tensioned length of 9 mm. When the bolt is tightened with a Rafix cam, the double taper spreads the dowel, expanding it in the hole. The greater the effect of the tightening forces, the more durable the connection. To remove the spreading bolt, simply tap the metal pin back into the dowel and remove the bolt by hand.

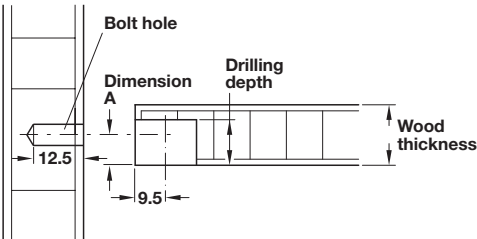
- > Depth stop ensures consistent bolt position
- > Panel surfaces will not be damaged upon bolt removal
- > Quick and easy assembly
- > Tool-free insertion and removal
- > Must use Rafix housing with ridge
- > With two-part harpoon thread
- > Drilling depth: 12.5+1.0 mm
- > Material: Bolt: Zinc die-cast; Spreading dowel: Plastic

→ Spreading Bolt, Ø5 mm hole



Color
black

Item No.
263.20.313



Bolt hole = Ø5 mm

Drilling depth = depending on cam type and wood thickness

Distance A = 1/2 wood thickness

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Rafx System

Connecting bolts with:

ixconnect

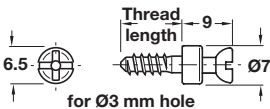


= **cross-slot**
> tightening with cross-slot
screwdriver size 2 only



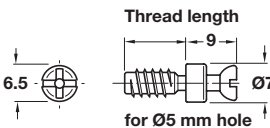
= **combination slot**
> tightening with cross-slot
screwdriver size 2 or
flat blade screwdriver

→ Connecting Bolts



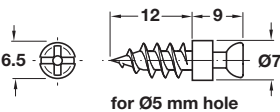
> Material: Steel; Finish: zinc-plated

Thread length	Item No.
9	263.20.818
11	263.20.810



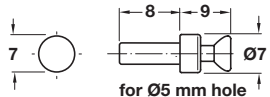
> Material: Steel

Thread length	bright	zinc-plated
8	-	263.20.838
11	263.20.141	263.20.847
15	263.20.150	263.20.856



> Material: Steel; Finish: zinc-plated

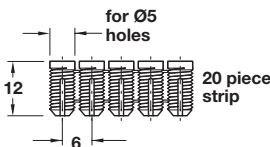
Drive type	Item No.
Phillips #2	263.20.985
Pozi	263.20.981



> Material: Steel

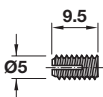
Finish	Item No.
zinc-plated	263.20.971

→ Spreading Dowels



> Material: Nylon

Color	Item No.
natural	042.98.051



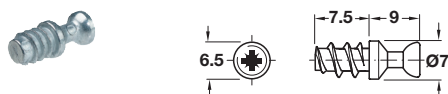
> Without collars
> Hole Ø: 5 mm
> Material: Nylon

Color	Item No.
natural	042.98.033

Häfele Rafx System

ixconnect

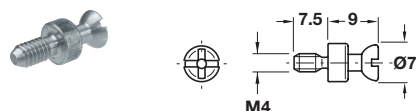
→ Connecting Bolts



- > Drive: PZ 2 cross slot
- > Material: Zinc Alloy, galvanized

Item No.

263.20.131



- > M4 thread
- > Drive: Cross-slot Pozi #2 or flat blade
- > Material: Steel

Finish

zinc-plated

Item No.

263.21.817

→ Sleeves



- > M4 internal thread
- > Smooth sleeve suitable for double-sided assemblies
- > Material: Steel; Finish: zinc-plated

Length

15

Item No.

267.00.911

18

267.00.912

22

267.00.913

→ Glue-in Socket



- > With glue grooves
- > M4 Internal thread
- > Drilled hole Ø: 8 mm
- > Material: Nylon

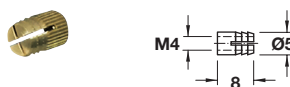
Color

natural

Item No.

039.33.042

→ Spreading Dowel

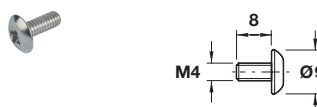


- > M4 internal thread
- > Material: Brass

Item No.

051.45.004

→ End Screw



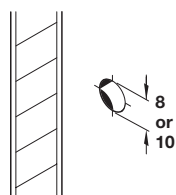
- > M4 internal thread
- > Can be used as end bolt
- > Material: Steel

Item No.

020.92.711

Supplied With
2000 pcs.

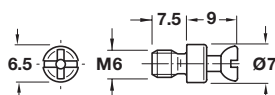
Häfele Rafx System



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> Tightening with #2 Pozi drive or flat blade screwdriver

→ Connecting Bolt

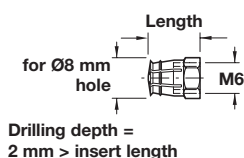


- > M6 thread
- > Screws into dowels or sleeves for single-sided assemblies
- > Dowels or sleeves can be selected for Ø8 or Ø10 mm holes
- > Material: Steel, galvanized

Item No.
263.21.826

The connecting bolt above can be used with the following dowels:

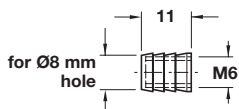
→ Spreading Dowels



- > M6 internal thread
- > Material: Brass, bright

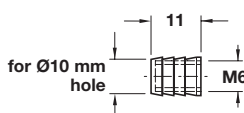
Length	Item No.
9	039.00.267
12 w/nylon ball	039.00.061

→ Glue-in Dowels



- > M6 internal thread
- > Material: Nylon

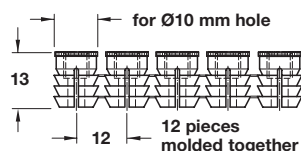
Color	Item No.
natural	039.33.462



- > M6 internal thread
- > Material: Nylon

Color	Item No.
natural	039.33.266

→ Spreading Dowel Strip



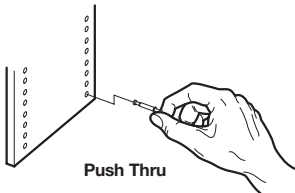
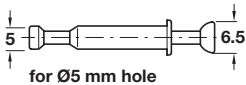
- > M6 internal thread
- > Material: Nylon

Color	Item No.
natural	039.35.064

Häfele Rafx System

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→ Push thru Bolts

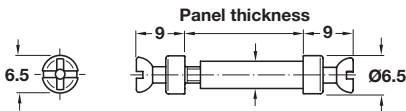


- > For center panels
- > Material: Steel; Finish: zinc-plated

Panel thickness	Item No.
16	263.24.971
19	263.24.972

Note
This double bolt functions only in combination with cams without ridge, shown on pages **12.5–12.6, 12.10**.

→ Double-ended Bolts



- > For double-sided assemblies
- > Side panel thickness: 16–22 mm
- > Material: Steel

Finish	Item No.
bright	263.24.041
zinc-plated	263.24.943

Note
Individual replacement components are available.
Bolt (male): 263.24.845, zinc-plated
Sleeve (female): 263.24.836, zinc-plated

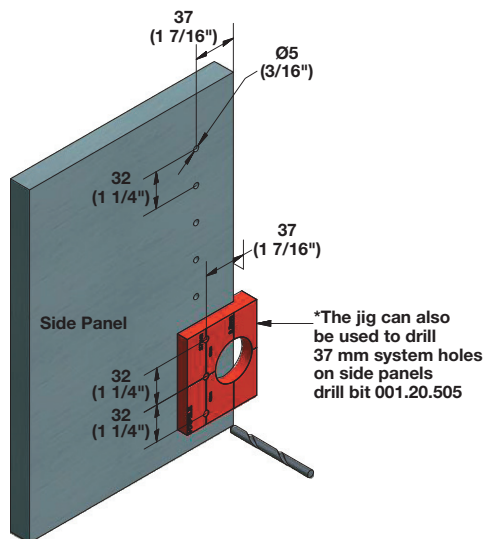
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Rafx System

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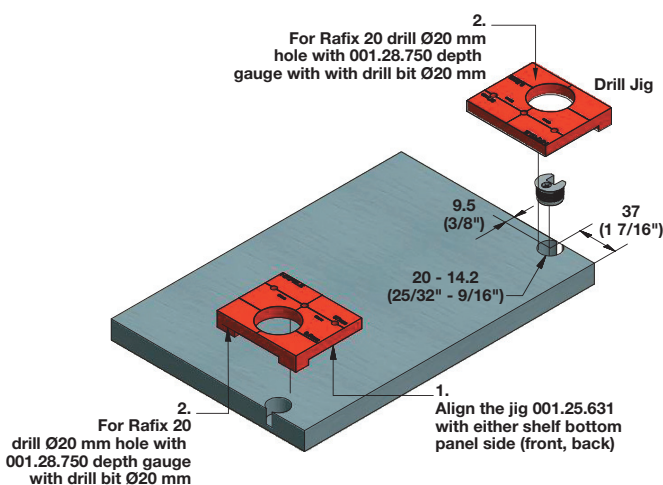
- > For quick, accurate drilling of Rafx 20 and Rafx 20 Flush systems
- > Can also be used to drill 5 mm system holes in side panels

→ Installer Kit with System Holes



	Item No.
	001.25.638

Supplied With	Item No.
Rafx drill guide with system holes	001.25.631
Rafx depth gauge	001.28.750
Drill bit Ø20 x 139 RH	001.24.425
Stop ring Ø10 shank	001.42.693



→ Drill Bit Ø5 mm Hex, optional



	Item No.
	001.20.505

→ Drill Bit Ø20 mm Countersunk, optional

- > For Rafx 20 Flush
- > Ø20 x 139 mm, RH
- > Material: Carbide

	Item No.
	001.24.426

Häfele Rafx System

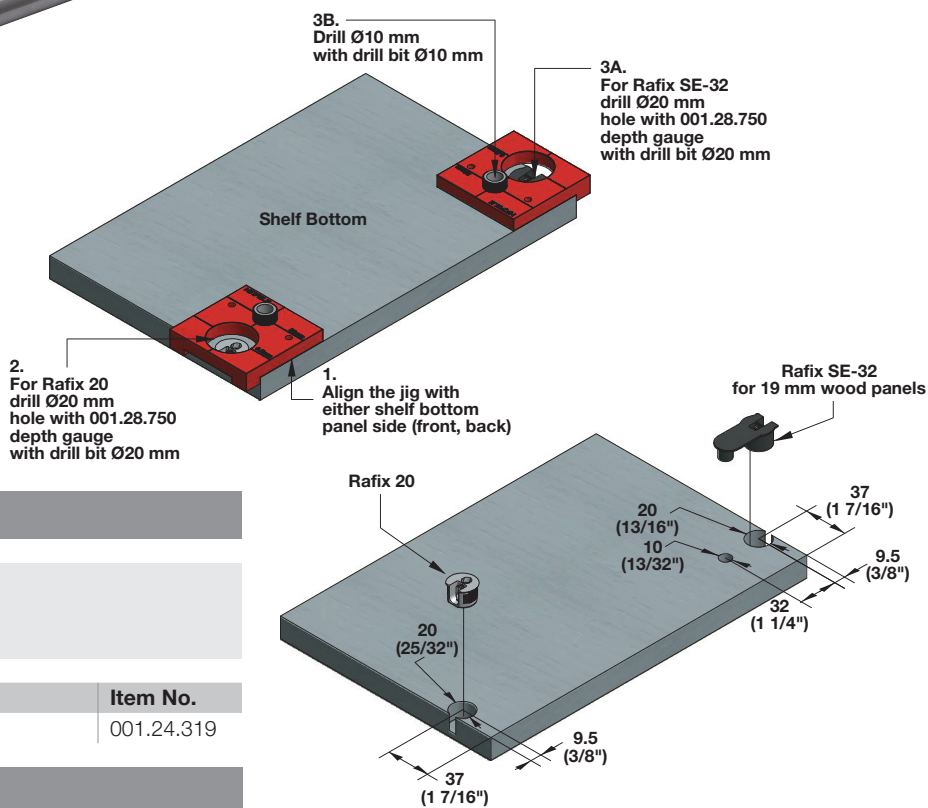
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- > For quick, accurate drilling of Rafx 20, Rafx SE-32 and Rafx 20 Flush systems
- > Can also be used to drill 5 mm system holes in side panels

→ Installer Kit



	Item No.
	001.25.639
Supplied with	Item No.
Rafx drill guide	001.25.630
Rafx depth gauge	001.28.750
Drillbit Ø20 x 139 RH	001.24.425
Stop ring Ø10 shank	001.42.693



→ Drillbit Ø10 mm, optional

- > For Rafx SE-32
- > Ø10 x 139 mm, RH
- > Material: Carbide

Item No.
001.24.319

→ Drillbit Ø5 mm Hex, optional



Item No.
001.20.505

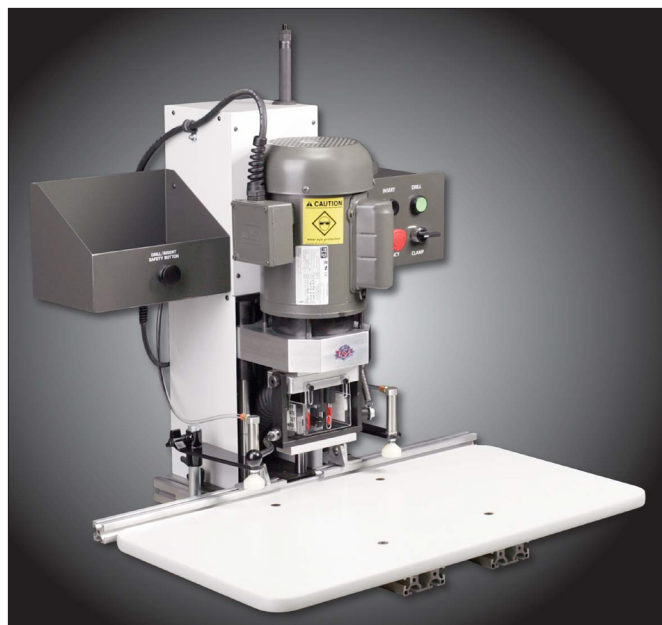
→ Drillbit Ø20 mm Countersunk, optional

- > For Rafx 20 Flush
- > Ø20 x 139 mm, RH
- > Material: Carbide

Item No.
001.24.426

Häfele Rafx System

→ **Futura 250 Machines**



- > Vertical drilling and insertion of hinges and connectors, vertical line boring
- > Power rating: 1.5 horsepower
- > Required air pressure: 90 psi

Motor type	Amps	Item No.
110V/60Hz	20	001.89.505
single phase 220V/60Hz	10	001.89.506
3 phase 220V/60Hz	10	001.89.508

Supplied With

Pneumatic drilling unit with push button control
 Ruler 600 mm (23 5/8")
 2 Tilt stops with clamp lever
 Worktop 600 x 400 mm (23 5/8" x 15 3/4")
 2 Pneumatic hold-down clamps
 Locking pin for fence depth adjustment with positive stops
 Rafx, 9.5 mm
 Line boring, 37 mm
 Ø20 LH/10 mm RH bits

Note

Order accessories separately, below.

→ **Accessories**



Item	Item No.
Additional tilt stop	001.89.550
Extension ruler 1,219 (48"), 2 pc. set	001.89.560

Note

Order separately.

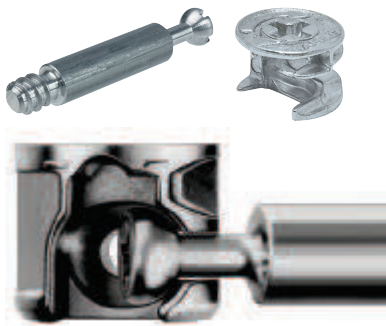
→ **Replacement Bits**



- > Material: Carbide

Size / Handing	Item No.
Ø20 x 57 LH	001.08.003
Ø10 x 57 RH	001.85.408

Häfele Minifix® System



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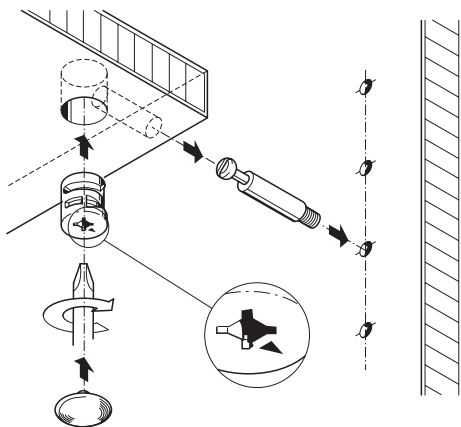
Minifix® provides firm, positive-fitting connections despite its small design and even after repeated slackening and re-tightening.

The Minifix® cabinet connector system is based on the centric principle. This made it possible to develop a connector with a small connector housing and an integrated large tightening and supporting surface. The hemispherical head of the bolt fits exactly in the center of the cup-shaped recess in the Minifix® housing, and is tightened to achieve a positive-fit.

→ Advantages of Minifix®

- > The half round connecting bolt head locates centrally in the cup-shaped cam recess from any angle and is then positively secured
- > Automatic centering of the bolt means that panels are no longer subject to lateral displacement relative to the side panel
- > Long tightening distance of nearly 5 mm with only half a turn of the cam
- > Long tightening distance for increased tolerances compensation
- > Secure tightening is guaranteed even with repeated disassembly and reassembly
- > Tight joint secures against loosening
- > Delicate and elegant shape

→ Installation Reference



The Minifix® system is for wood thickness: min. 12 mm.

- > The Ø drill hole for the housing is 12 mm for Minifix® 12 and 15 mm for Minifix® 15
- > For correct installation and tightening, the housing must be installed with the arrow pointing directly towards the bolt
- > A positive-fit connection is reached with PZ2 cross slot, SW4 hexagon socket or flat blade, depending on the connector housing

Important:

Drill hole = Varies according to cam type (15 and 12 mm), see the following Minifix® cam pages.

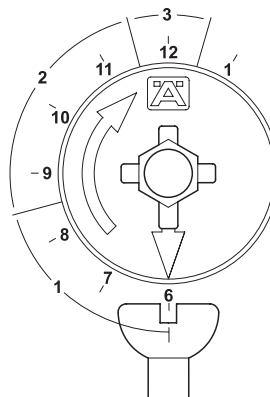
Drilling depth = Varies according to cam type and wood thickness 12, 13, 16, 19, 23 and 29 mm, see details in ordering tables of the Minifix® cam pages

Drilling distance B = Choice between B 24 (24 mm), B 34 (34 mm) distance between drill hole center to panel edge.

Bolt drill hole = Drill hole in panel edge for the connecting bolt Ø5 mm, 7 mm or 8 mm.

→ The Minifix® “clockface”

- The Minifix® clockface demonstrates correct tightening:
- The long tightening distance A of approximately 5 mm produced with only one half turn of the cam offers the following benefits:
 - Variations in hole size of +1 mm to approximately -0.5 mm are compensated for without loss of efficiency
 - Tension is rapidly achieved as the cam is tightened, before the arrow reaches the 195° stop (12:30)



The tightening distance A can be separated into 3 travel segments with different functions:

1. Closing distance:

0°–75° (6–8:30) = 3 mm pull.

This turn is necessary to draw the bolt head into the center of the cam, tightening does not occur within this segment.

2. Tightening distance:

75°–165° (8:30–11:30) = 2 mm pull.

This segment is sufficient to ensure rigid tensioning. Provided the specified drill-hole size has been met, tightening will be initiated as early as 120° (10:00). Optimum security will be reached at 165° (11:30).

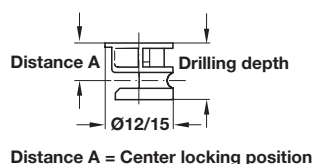
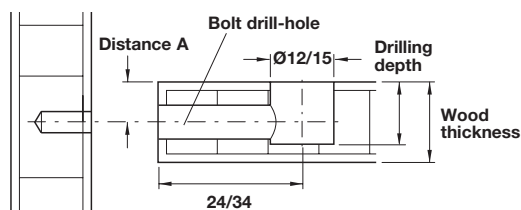
3. Re-tightening distance:

165°–195° (11:30–12:30) = 0.5 mm pull is required:

Accommodates variations in drill hole size or if the furniture is assembled and disassembled repeatedly or requires retightening due to severe loading conditions.

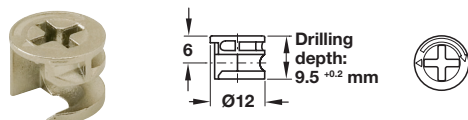
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Distance A = Center locking position

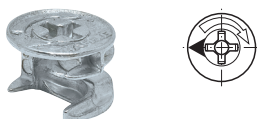
→ Minifix® 12 Cams



- > Locked only with a cross slot screwdriver size 2
- > Drive: PZ2 cross slot or flat blade
- > Without flanged rim
- > Wood thickness: min. 12 mm
- > Distance A: 6.0
- > Material: Zinc die-cast

Finish	Item No.
unfinished	262.17.020
nickel-plated	262.17.620

→ Minifix® 15 Cams



- > Without flanged rim
- > Drive: PZ2 cross slot, flat blade or SW4 hexagon socket
- > Material: Zinc die-cast

Wood thickness	Distance A	Drilling depth	unfinished	nickel-plated	black
12	6.0	9.5+0.2	262.26.070	262.26.570	-
13	6.5	11.0+0.2	262.26.031	262.26.531	262.26.351
16	8.0	12.5+0.5	262.26.033	262.26.533	262.26.353
19	9.5	14.0+0.5	262.26.035	262.26.535	262.26.355
23	11.5	16.5+0.5	262.26.036	-	262.26.356
29	14.5	19.5+0.5	262.26.038	-	262.26.358



- > With flanged rim
- > Drive: PZ2 cross slot, flat blade or SW4 hexagon socket
- > Material: Zinc die-cast

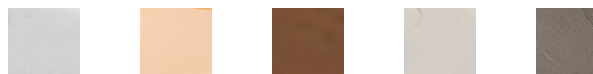
Wood thickness	Distance A	Drilling depth	unfinished	nickel-plated
16	8.0	12.5+0.5	-	262.25.533
19	9.5	14.5+0.5	262.25.035	262.25.535

→ Trim Caps



- > For Minifix® cams without flanged rims.
- > Material: Plastic

Wood thickness	white	pine	brown	gray	black
12-13	-	-	262.24.162	-	-
16, 19, 23, & 29	262.24.751	262.24.055	262.24.153	262.24.525	262.24.359



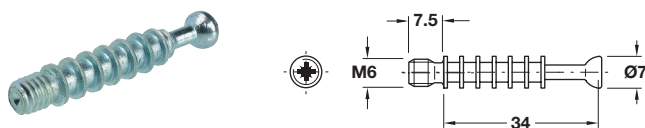
Note All the connecting bolts shown on pages 12.21-12.22 can be used with these zinc die-cast cams.

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- > Connecting bolts with M6 thread for screw attachment into dowels for single-sided installations
- > Dowels can be selected for Ø: 8 or 10 mm holes

→ M200 Connecting Bolt/cold-formed



- > Drive: Pozi #2 or Phillips #2
- > Material: Steel, galvanized

	Item No.
	262.28.642

→ S100 Connecting Bolts/turned

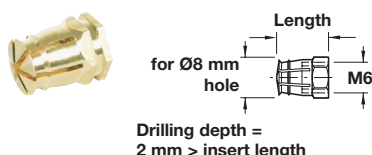


- > Material: Steel, galvanized

B	Item No.
24	262.27.949
34	262.28.946

The connecting bolts above can be used with the following parts:

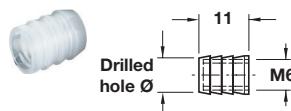
→ Spreading Dowels



- > M6 internal thread
- > Material: Brass, bright

Length	Item No.
9	039.00.267
12 w/nylon ball	039.00.061

→ Glue-in Dowels



- > M6 internal thread
- > Material: Nylon; Color: natural

Drilled hole Ø	Item No.
8	039.33.462
10	039.33.266

→ S100 Connecting Bolts/turned

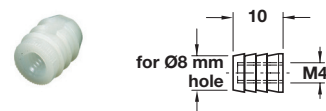


- > Connecting bolt, with M4 thread for screw attachment into dowels or sleeves for single or double-sided installations
- > Sleeves or dowels can be selected for Ø5, 8, or 10 mm holes
- > Drive: PZ2 Cross slot 2 or flat blade
- > Material: Steel, galvanized

Drilling distance B	Item No.
24	262.27.930
34	262.28.937

The connecting bolt above can be used with the following parts:

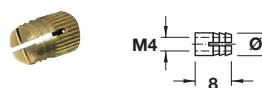
→ Glued Dowel



- > M4 internal thread
- > Material: Nylon

Color	Item No.
natural	039.33.042

→ Spreading Dowel



- > M4 internal thread
- > Material: Brass, bright

	Item No.
	051.45.004

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→ S100 Connecting Bolts



> Material: Steel

Thread length L	Drilling distance B	unfinished	galvanized
8	24	–	262.27.920
8	34	–	262.28.920
15	24	–	262.27.832
15	34	–	262.28.839
11	24	262.27.029	–
11	34	262.28.026	–
11	24	–	262.27.921
11	34	–	262.28.928

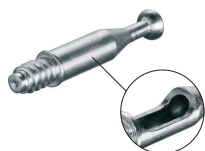
→ S100 Connecting Bolt/turned



> Drilling distance: 34 mm
> Material: Steel, unfinished

	Item No.
12	262.28.188

→ S300 Connecting Bolt



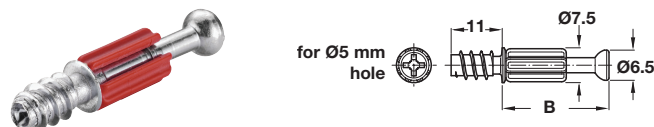
The new development from the Minifix® system

> Higher breaking torque provides considerably more stability
> Excellent drive provides a secure grip of the PZ 2 screwdriver in the bolt head
> Fully threaded screw-in length

> For Ø5 mm drill hole, with special thread
> Drive: PZ2 cross slot
> Bolt hole Ø: 8 mm
> Material: Steel, galvanized

Drilling distance B	Item No.
24	262.27.462
34	262.28.462

→ S200 Econo S Bolts/cold-formed



> Drive: Pozi #2 or Phillips #2
> Polystyrene sleeve prevents sagging and allows bolt to revolve freely during installation
> Material: Steel

Drilling distance B	unfinished	zinc-plated
24	262.27.670	262.27.679
34	262.28.670	262.28.679

→ M200 Connecting Bolts/cold-formed



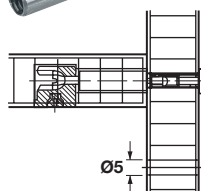
> Drive: Pozi #2 or Phillips #2
> Material: Steel, galvanized

Drilling distance B	Item No.
24	262.27.627
34	262.28.624

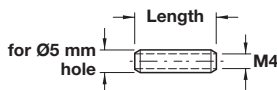
→ Sleeves, smooth



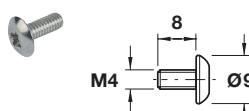
> M4 internal thread
> Suitable for double-sided installations
> Material: Steel, galvanized



Length	Item No.
15	267.00.911
18	267.00.912
22	267.00.913



→ End Screw

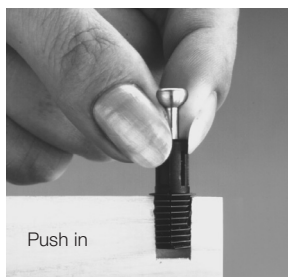


> M4 thread
> Can be used as end bolt
> Material: Steel

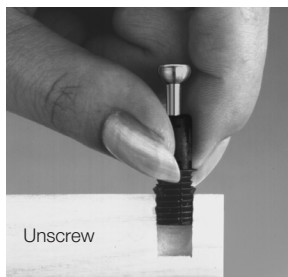
Finish	Item No.
nickel-plated	020.92.711

Supplied With
2,000 pcs.

Häfele Minifix® System

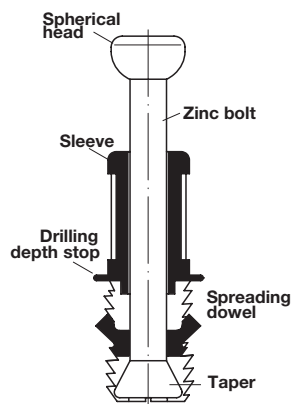


Push in



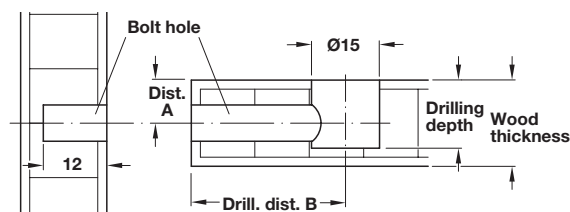
Unscrew

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The ingenious Minifix® spreading bolt is simply pushed by hand into Ø 8 or 10 mm holes in the side panel and produces an immediate and firm locking connection when tightened.

The bolt consists of a tapered metal pin with the typical Minifix® spherical head. This is embedded into a plastic spreading dowel. The top of the dowel is fitted with a stop and an easy-grip sheathing which makes manual insertion simple. The furniture components are drawn together ideally with a firm locking connection, as the stop ensures a uniform tensioned length of 34 mm. When the bolt is tightened with a Minifix® cam, the taper spreads the dowel, expanding the plastic spreading dowel in the hole. The greater the effect of the tightening forces, the more durable the connection. When disassembling the furniture, the bolt can be unscrewed again by hand.



Bolt hole = 8 mm and 10 mm

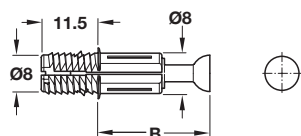
Drilling depth = Depending on cam type and wood thickness (see diagram)

Distance A = 1/2 wood thickness (see diagram)

Drilling dist. B = Optional between **B 24** (24 mm) or **B 34** (34 mm), drilling distance from cam center to front edge

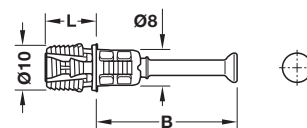
- > Depth stop ensures ideal bolt position
- > The surface is not damaged due to insertion and unscrewing of spreading bolt
- > Easy-to-assemble
- > Tools are not required for insertion or disassembly

→ C100 Spreading Bolts



- > With harpoon thread, two-part
- > Material: Bolt: Zinc die-cast
Spreading dowel: Plastic; Color: black

Drilling distance B	Item No.
24	262.09.202
34	262.09.302



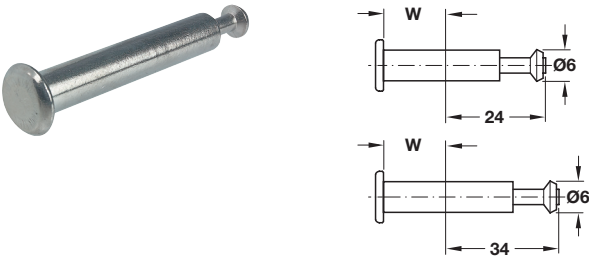
- > With harpoon thread, two-part
- > Material: Bolt: Zinc die-cast
Spreading dowel: Plastic; Color: black

Drilling distance B	Item No.
24	262.09.213
34	262.09.313

Häfele Minifix® System

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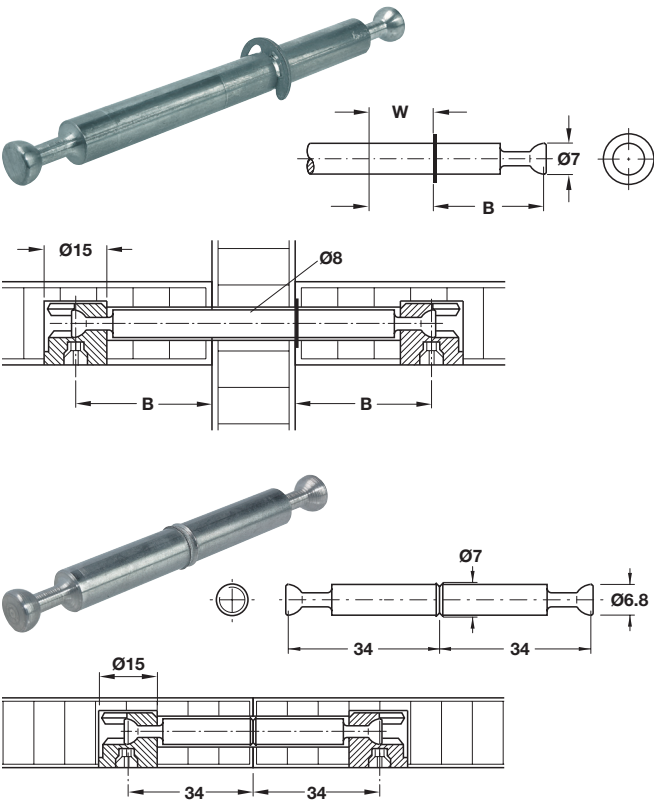
→ Capped Bolts/cold-formed



- > Hole Ø: 8 mm
- > Material: Steel

Panel thickness W	Drilling distance	nickel-plated	bronzed
16	24	-	262.27.154
	34	262.28.755	-
19	34	262.28.765	262.28.160

→ Double-Ended Bolts/turned



- > With snap ring
- > Hole Ø: 8 mm
- > Material: Steel; Finish: zinc-plated

Panel thickness W	Drilling distance B	Item No.
16	34	262.28.802
19	24	262.27.814
	34	262.28.811

- > With center ring
- > For butt joints using Ø7 mm holes
- > To eliminate up and down movements, Ø7 mm pilot holes are recommended
- > Drilling distance: 34 mm
- > Material: Steel

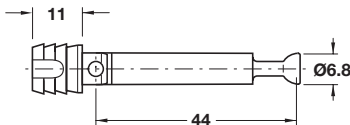
Finish	Item No.
zinc-plated	262.28.786

Häfele Minifix® Miter Joint Connectors

ixconnect

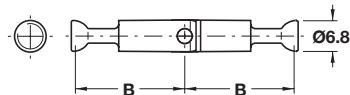
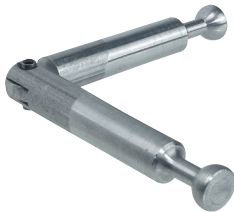
- > A practical method of joining miter-jointed cabinets and profiles without costly gluing or constructing large panels of furniture with miter joints
- > Minifix® GV miter joint connectors are hinged connecting bolts, capable of securing miter joints at any angle from 90° to 180°
- > These connectors should preferably be used only with Ø15 mm zinc die-cast Minifix® cams

→ Minifix® GV/turned



- > With nylon sleeve
- > For miter angles 90° to 180°
- > Bolt hole Ø: 6.8 mm
- > Drilling distance: 44 mm
- > Hole Ø: 8 mm
- > Material: Steel, galvanized

Item No.
262.12.804

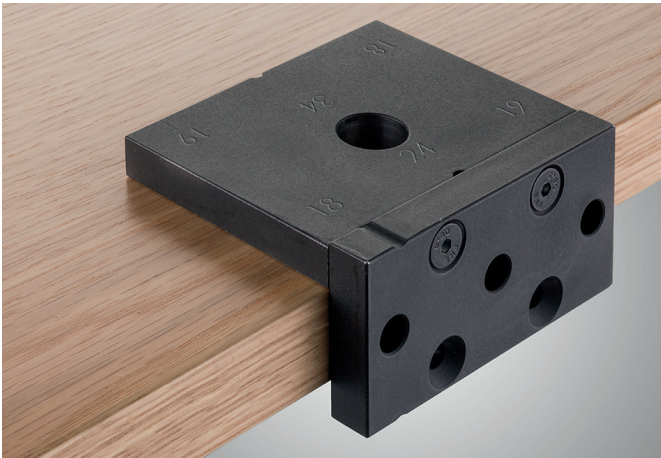


- > Hinged miter joint connector for double-sided installation
- > Bolt hole Ø: 6.8 mm
- > Material: Steel, galvanized

Drilling distance B	Item No.
24	262.12.859
44	262.12.939

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

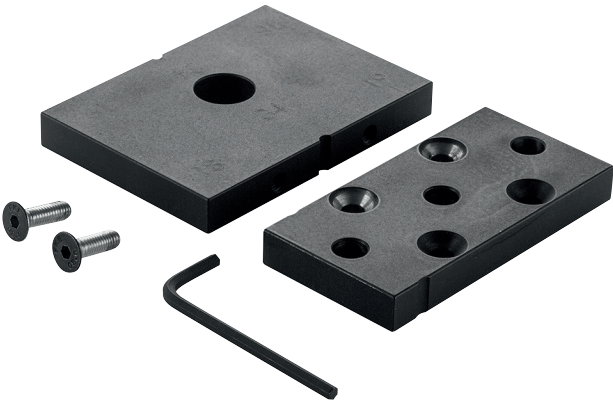
Häfele Minifix® System



- > For precise, rapid drilling of Minifix® 15
- > Tightening distance: 24 and 34 mm
- > Suitable for commercial drill bits
- > Panel thickness: 15/16/18/19 mm
- > With inserts for Ø 5 mm drill hole on cabinet side panel
- > Material: Steel, burnished

ixconnect

→ Drilling Jig 24/34



Finish

black

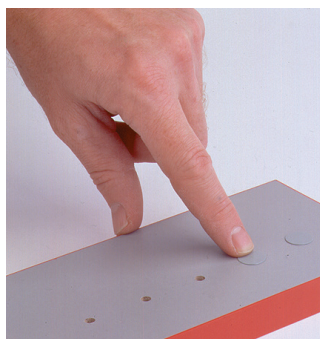
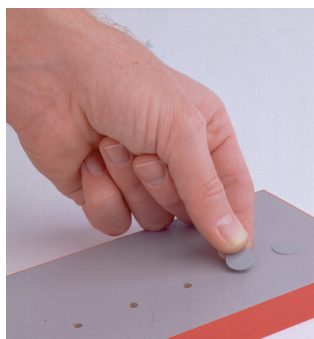
Item No.

001.25.010

Supplied With

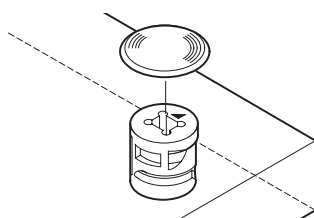
Inserts for drill holes on cabinet side panel

Capfix Self-Adhesive Minifix®



- > Easy to apply without caulking or extra glue
- > Can be cut to fit
- > Same texture, color and appearance of industry standard sheet goods
- > Proper installation is not dependent on screw
- > Provides durable, attractive coverage
- > Thickness: 0.90 mm
- > Peel-28.3 N/2.5 cm
- > Ultimate Peels-36.2 N/2.5 cm
- > Hold: 13.8 KPQ
- > Temperature resistance: 40-121° C
- > Application temperature: 12.5° C
- > Release liner: 98 GSM

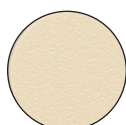
→ **Cover Caps 18 mm**



white



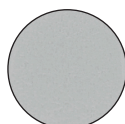
antique
white



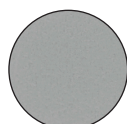
almond



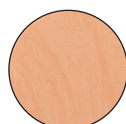
black



folkstone
gray



fog gray



hard rock
maple

Unfinished



maple



walnut

Finished



maple

- > Material: Polyvinyl

Finish	Item No.
white	045.25.700
antique white	045.25.710
almond	045.25.400
black	045.25.300
folkstone gray	045.25.500
fog gray	045.25.510
hard rock maple	045.26.110

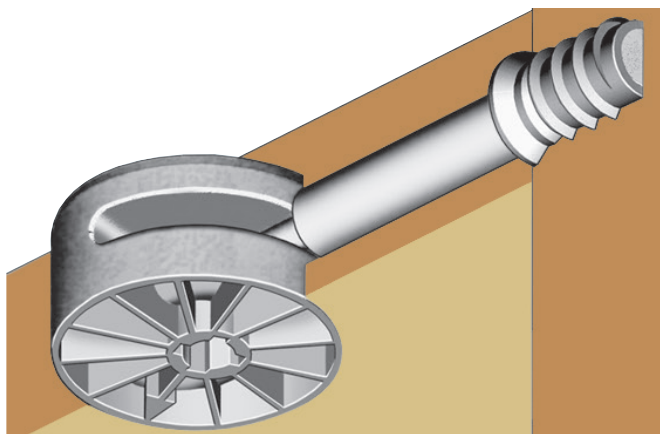
- > Material: Wood Veneer

Finish	Item No.
Unfinished	
maple	045.26.100
walnut	045.26.700
Finished	
maple	045.26.101

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

Häfele Maxifix® System



- > Cam and bolt connector for extremely strong connections of wood compounds
- > Material thickness: min. 19 mm (3/4")
- > Long travel distance creates a high amount of pull
- > Quick tightening action, turn to 8 o'clock position
- > Use with either Pozi #3 or 6 mm hex key
- > Power tools can be used for fast tightening
- > Locking device on the outside of the cam is an additional feature that prevents loosening

ixconnect

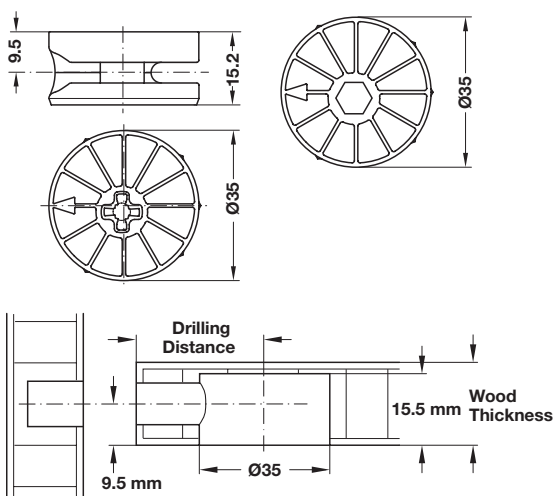
→ **Connector Housings**



Pozi #3



Hex 6 mm



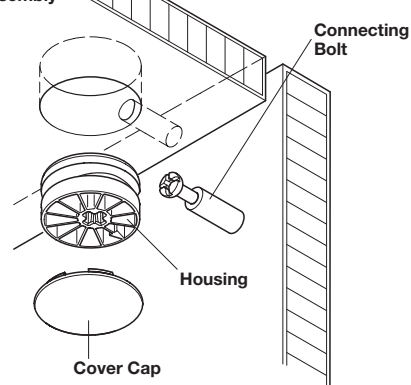
> Material: Zinc

Drive	Finish	Item No.
Pozi #3	unfinished	262.87.013
	nickel-plated	262.87.713
Hex 6 mm	unfinished	262.87.003
	nickel-plated	262.87.703

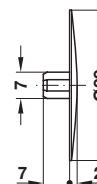
Note

Drilling distance depends on bolt used.

Assembly



→ **Cover Caps**



> Material: Plastic

Color	Item No.
white	262.87.790
brown	262.87.190
black	262.87.390

→ **Hex Key**



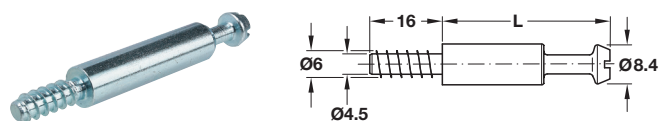
- > 6 mm
- > Material: Steel

Finish	Item No.
zinc-plated	008.28.260

Häfele Maxifix® System

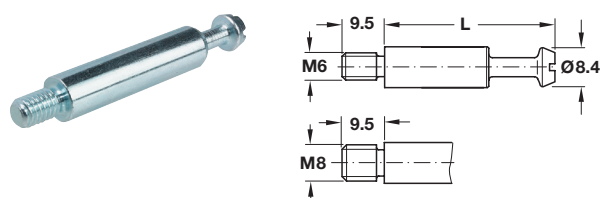
ixconnect

→ **Connecting Bolts**



- > Drilling Ø: 5 mm
- > Hole Ø: 9 mm
- > Material: Steel; Finish: zinc-plated

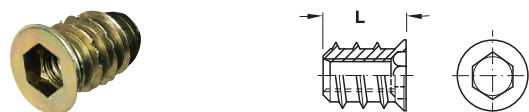
Drilling distance	L	Item No.
35	28.5	262.87.931
55	48.5	262.87.932



- > M6 or M8 thread
- > Hole Ø: 9 mm
- > Material: Steel; Finish: zinc-plated

Thread	Drilling distance	L	Item No.
M6	35	28.5	262.87.901
M8	55	48.5	262.87.912

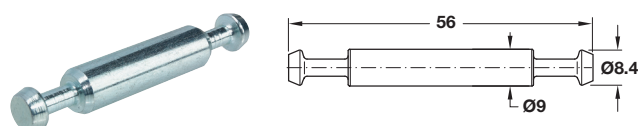
→ **Steel Sockets**



- > Hex head
- > Material: Steel; Finish: yellow galvanized

Thread	Hole diameter	L	Item No.
M6	8	15	030.10.564
	8	17	030.10.565
M8	10	17	030.10.585

→ **Double Bolt**



- > Drilling distance: 2 x 35 mm
- > Material: Steel

Finish	Item No.
zinc-plated	262.87.921

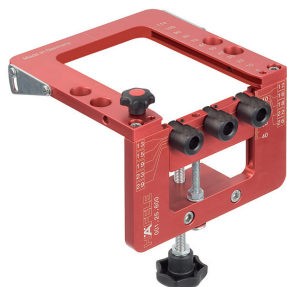
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

Red Jig

ixconnect

→ **Basic Jig**



- > Continuously adjustable for different material thickness
- > With lasered scale for aligning the insert plates
- > Material: Aluminum, anodized

Color	Item No.
red	001.25.600

Supplied With

Basic jig
3 Front edge inserts, Ø 8 mm

Note

Order accessories separately, below.

→ **Drill Guides**



- > Slides into basic jig
- > Material: Aluminum, anodized; Color: red

Version	Item No.
Minifix 12/15	001.25.660
Rafix 20	001.25.625
45/9.5 concealed hinges Ø35	001.25.732

→ **Stop Rings, optional**



- > For HS twist drill bit

Bit diameter	Item No.
8	001.42.683
10	001.42.693

→ **Marking Gauge**



Item No.
001.27.060

→ **Brad Point Drill Bit for Minifix Bolt**

- > 1/4" hex shank

Diameter	Item No.
8 (5/16")	001.20.508

→ **Depth Gauges**



- > With spring and depth stop
- > Order appropriate drill bit separately
- > Material: Aluminum, anodized; Color: red

Version/Bit diameter	Item No.
15/5-10	001.25.770
32/12-25	001.25.771
48/26-40	001.25.772

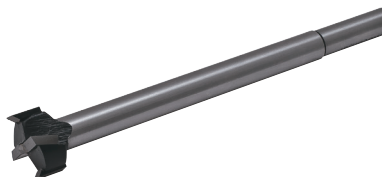
→ **Marking Pin, optional**



- > Ø: 3/5 mm

Item No.
001.25.766

→ **Forstner Drill Bits**



- > For depth gauge 32 and 48
- > Length x Ø : 139 x 10 mm

Diameter	Item No.
15 (19/32")	001.24.443
20 (25/32")	001.24.425
20 (25/32"), countersunk	001.24.426
35 (1 3/8")	001.24.351

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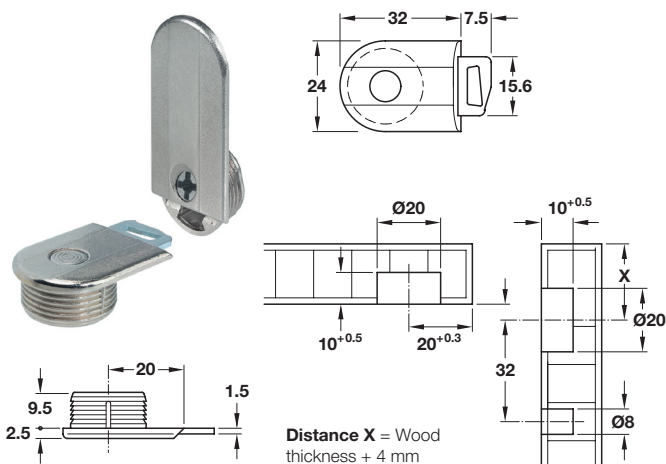
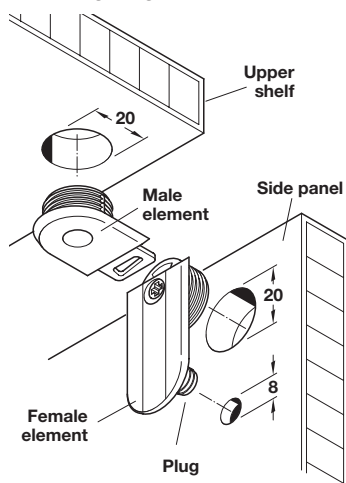
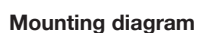
- > With dowels
- > Clip-part with tightening element
- > Male element
- > Allows practical sub-assembly
- > Snap-in feature
- > Extremely high corner stability
- > Material: Zinc die-cast

Finish

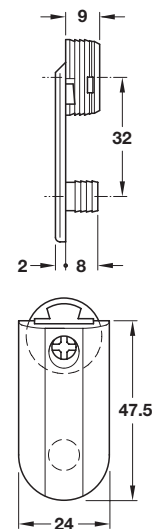
nickel-plated

Item No.

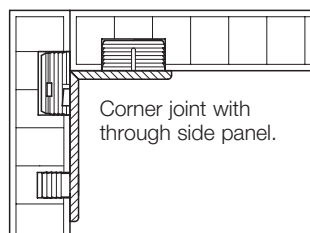
263.00.729



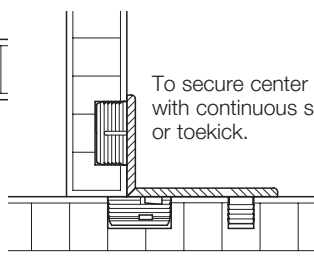
Distance X = Wood thickness + 4 mm



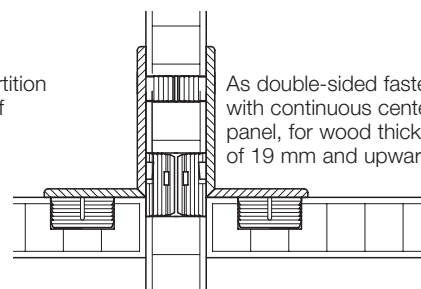
Typical Installations



Corner joint with
through side panel.

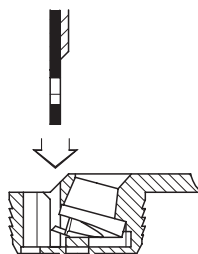


To secure center partition
with continuous shelf
or toekick.

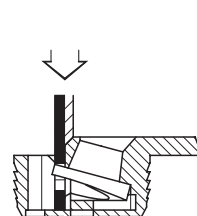


As double-sided fasteners with continuous center panel, for wood thicknesses of 19 mm and upwards.

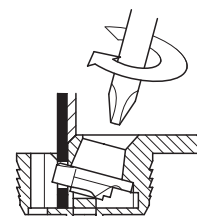
Function diagram



Insertion

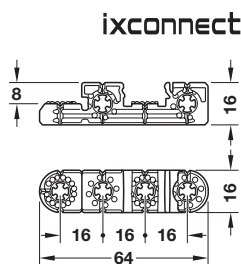


 engagement



tensioning

Häfele ixconnect UC 16/64 Universal Connector



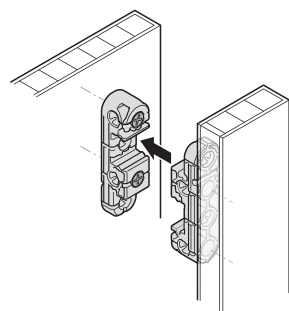
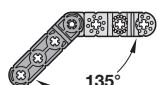
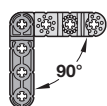
- > One product for multiple uses
- > Easily connects by clip spring and snap-in points with variable screw-on and snap-in positions from the front, above or side at 90°, 135° or 180° angles
- > Connect and disconnect multiple times using only a screwdriver, tool-free if pre-installed
- > Great for shopfitting, wall cladding, partitions, furniture construction, and interior design
- > Material: Polycarbonate

Color

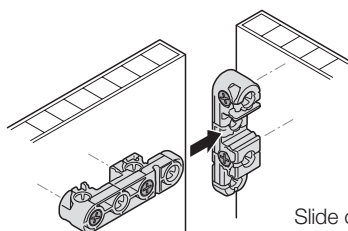
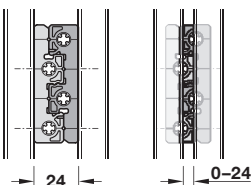
black

Item No.

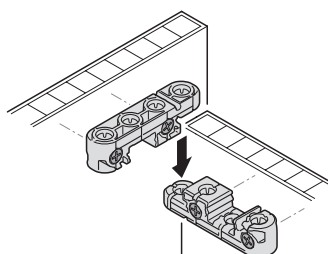
262.00.100



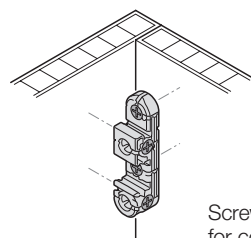
Clipped on (can be separated with clip springs), screw mounted or recessed



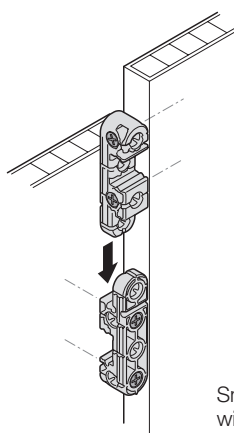
Slide on connection stabilized with snap-in points



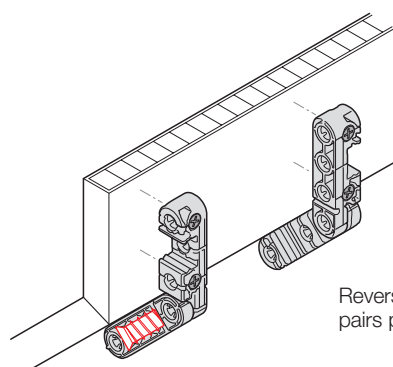
Snap-in connection stabilized with snap-in points



Screw mounted, e.g. for corner connections



Snap-in connection stabilized with snap-in points



Reversed mounted connection pairs prevent lateral movement

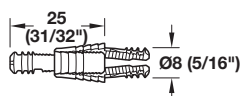
Optional

Häfele Ixconnect SC 8/25

ixconnect

- > For use as cabinet connector in small furniture
- > Easy tool-free installation
- > For concealed, permanent cabinet connections in small furniture and drawers, for use in MDF and chipboard, or in combination with wood dowels, optional
- > Wood thickness: min. 15 mm (19/32")
- > Press fit or glue into drilled hole $\varnothing$: 8 mm (5/16")
- > Both bolt components expand synchronously in the drill hole when pushing the panel components together
- > Material: Plastic

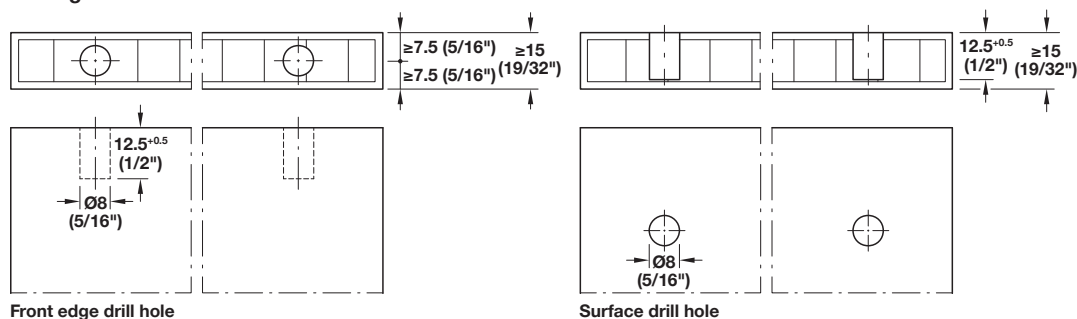
→ **Spreading Connector**



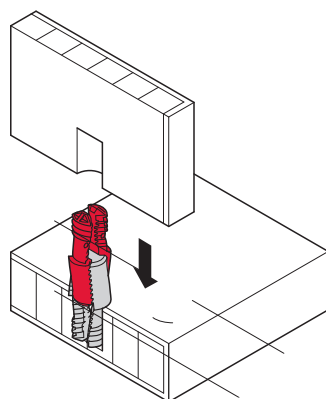
Color
gray/red

Item No.
262.11.112

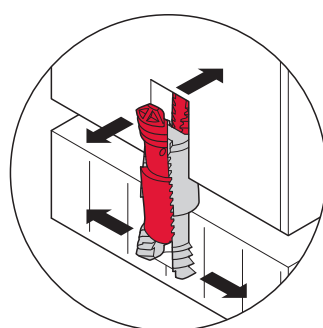
Drilling Patterns



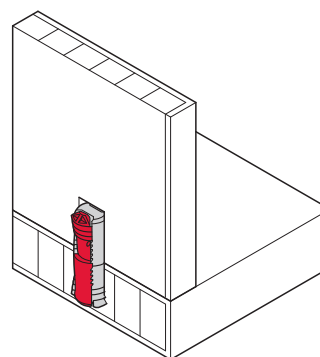
Installation



1. Push bolt into drill hole



2. Push both panel components together, both bolt components expand synchronously in the drill hole



3. Completely concealed, permanent connection

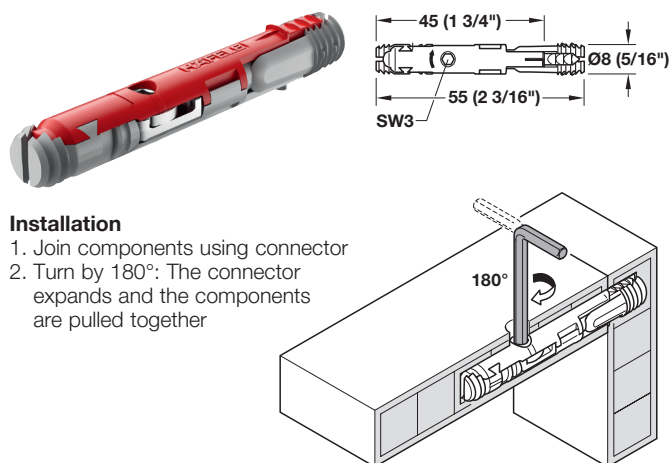
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Ixconnect SC 8/60

ixconnect

- > One-piece connector
- > Can also be used as cabinet connector for large furniture items
- > Quick and easy installation
- > For concealed applications, only a Ø6 mm (1/4") drill hole for securing the connector is visible after installation
- > Separable connection
- > For concealed installation of cabinet connections in chipboard
- > Wood thickness: min. 15 mm (19/32")
- > Plug fits into drilled hole Ø: 8 mm (5/16")
- > The connector expands with a 180° turn of the tightening screw with SW3 hexagon socket
- > Material: Plastic/Zinc Alloy

→ **Spreading Connector**

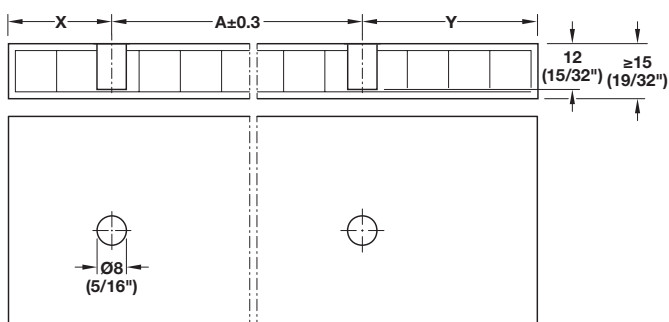


Installation

1. Join components using connector
2. Turn by 180°: The connector expands and the components are pulled together

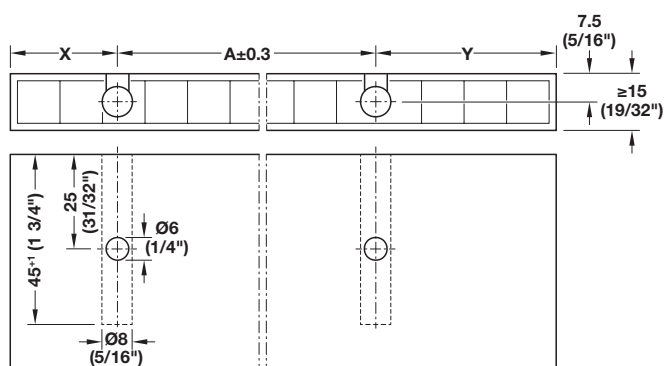
Color	Item No.
gray/red	262.11.117

Drilling Pattern



Side panel preparation details

Drilling Pattern



Shelf preparation details:

- Drill Ø8 mm (5/16") hole
- The Ø6 mm (1/4") drill hole can be drilled from above or below.

→ **Drilling Jig**



- > For SC 8/60 spreading connector
- > Provides precise drilling in side panel and shelf
- > Drilling sleeve: 8 mm (5/16")
- > Activate of spreading connector with hex key SW3
- > Panel thickness: 15, 16, 18 or 19 mm

Color	Item No.
black	001.25.085

→ **Hex Socket Bit**



- > Size 3
- > Material: Hardened Tool Steel

Item No.
006.37.930

→ **Hex Key, straight**



- > 3 mm
- > Material: Steel

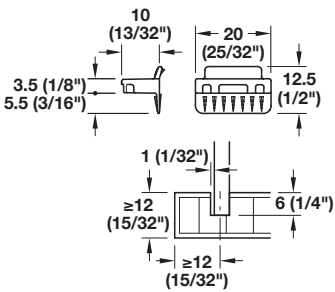
Finish	Item No.
black	008.28.035

Häfele Ixconnect RPC G 13/20

ixconnect

- > Easy tool-free installation
- > An additional drill hole is not needed
- > Suitable for concealed applications as connector is installed on the rear side of the furniture
- > Plug fits into groove
- > For fixing the rear panel in small furniture and for use as vibration protection in wood drawers
- > Wood thickness: min. 12 mm (15/32")
- > Material: Plastic

→ **Rear Panel Connector**

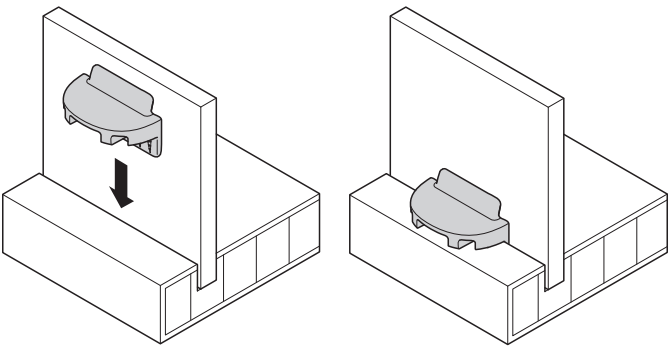


Color

gray

Item No.

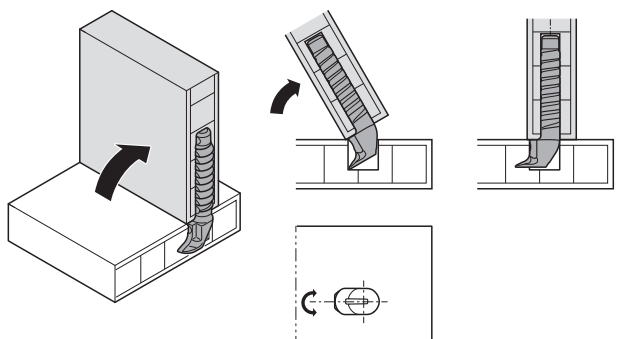
260.09.560



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele Ixconnect CC 8/5/30

Installation

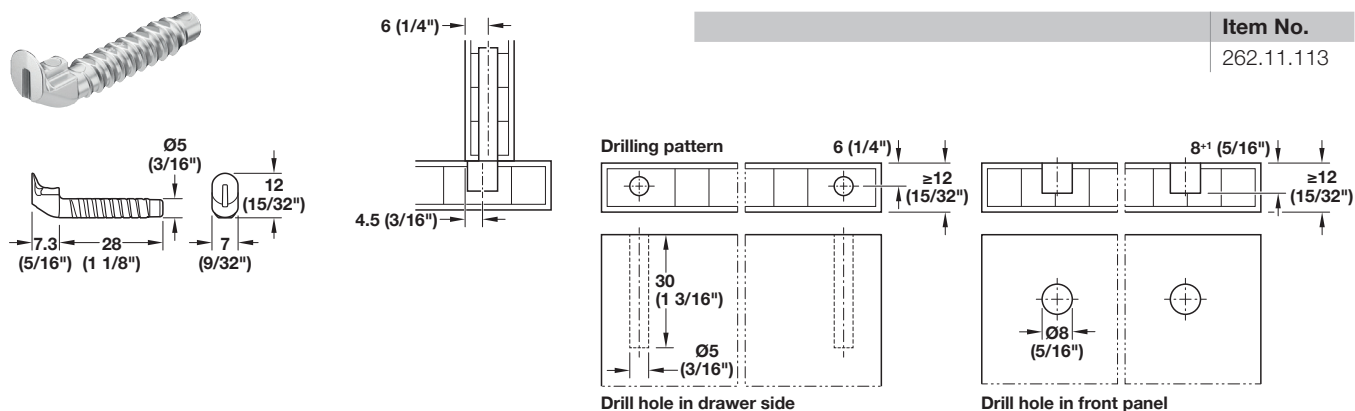


ixconnect

Tolerance for aligning the claw: $\pm 3^\circ$ (1/8")

- > For attaching wood drawer front panels
- > One-piece connector
- > Suitable for thin front panels
- > Concealed application
- > Easy tool-free assembly
- > Removable
- > Front panel and drawer side wood thickness: min 12 mm (15/32")
- > Drill hole $\varnothing$: 5 and 8 mm (3/16" and 5/16")
- > Pre-assemble in the drawer side by screwing or press fitting the connector into the $\varnothing 5$ mm (3/16") drill hole, the connector grips into the $\varnothing 8$ mm (5/16") drill hole of the front panel when the drawer side is raised providing a secure connection
- > Material: Zinc Alloy, bright

→ Claw Connector

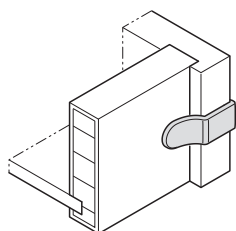


Item No.

262.11.113

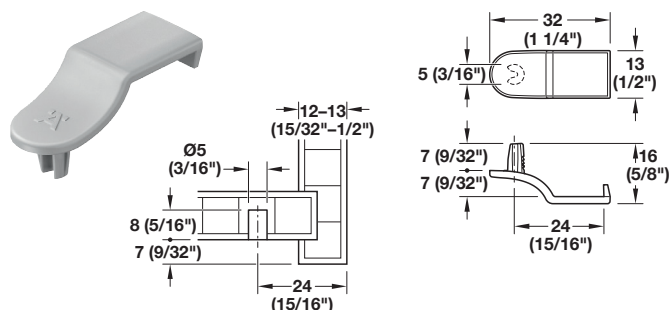
Häfele Ixconnect RPC D 5/24

ixconnect



- > For wood drawers with a groove mounted rear panel
- > Easy tool-free assembly
- > Reduced drilling work
- > One-piece
- > Removable
- > Drawer side wood thickness: 12–13 mm (15/32"–1/2")
- > Rear panel thickness: min. 10 mm (13/32")
- > Push fits into drill hole $\varnothing$: min. 5 mm (3/16")
- > Clamped connection of rear panel and drawer sides
- > Material: Plastic

→ Rear Panel Connector



Color

gray

Item No.

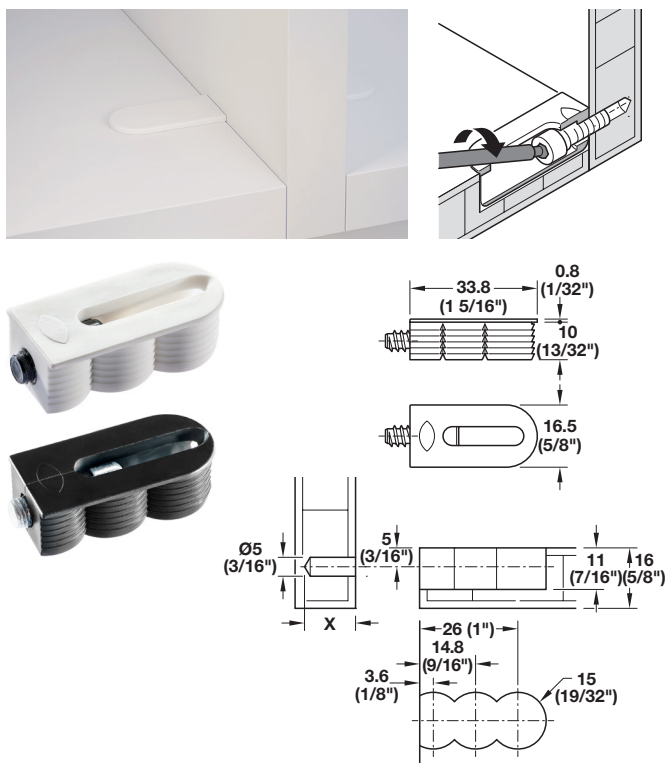
262.11.115

Note

Recommended number of rear panel connectors on each side:

- > Cabinet height: min. 100 mm (3 15/16"): 1 connector (position: central)
- > Cabinet height: min. 100 mm (3 15/16"): 2 connectors (position: outer thirds of drawer side height)

Lamello Cabineo



- > For corner and center panel connections with CNC, edge drillings are not required
- > Pre-mounted for quick and easy installation, additional dowels and screws are not required
- > High clamping force ensures a solid, positive-fit connection
- > Separable
- > Easily transported, flat pack delivery
- > For use with or without cover caps
- > Press fits into base panel and screw mounts into side panel with Ø5 mm drill hole
- > Wood thickness: Cabineo 8: min. 12 mm, center panel min. 16 mm; Cabineo 12: min. 16 mm
- > Material: Plastic, fiberglass reinforced; Screw: Steel

Version	Dim. X	Color	Item No.	Packing
Cabineo 8	8	white	267.91.251	500 pcs.
			267.91.271	2,000 pcs.
		black	267.91.253	500 pcs.
			267.91.273	2,000 pcs.
Cabineo 12	12	white	267.91.252	500 pcs.
			267.91.272	2,000 pcs.
		black	267.91.254	500 pcs.
			267.91.274	2,000 pcs.

→ Cover Caps



- > Material: Plastic

Color	Item No.
signal white RAL 9003	267.91.267
brown beige RAL 1011	267.91.264
window gray RAL 7040	267.91.265
papyrus white RAL 9018	267.91.268
mouse gray RAL 7005	267.91.263
black RAL 9005	267.91.262
dark steel	267.91.257
nickel	267.91.258
silver	267.91.259

Supplied With 100 pcs.

Note The colors indicated are similar to RAL colors and are as close as possible to the actual standard colors, but may vary slightly in production.

→ Driver Bits



- > 1/4" drive with 4 mm ball tipped hex driver

Length	Item No.
120	001.26.605
80	006.40.002

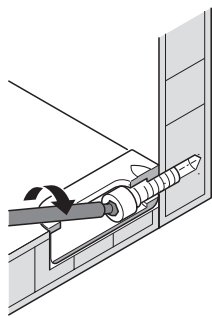
→ Starter Kit



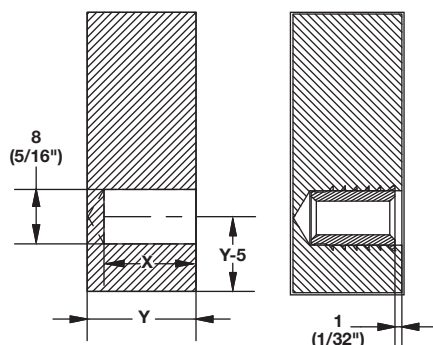
Color	Item No.
signal white RAL 9003	267.91.200

Supplied With 40 Cabineo 8, 40 Cabineo 12, 40 Cover caps, 120 mm SW4 hex bit with ball head

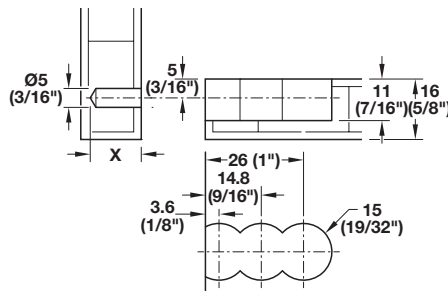
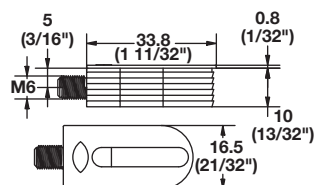
Lamello Cabineo 8 M6



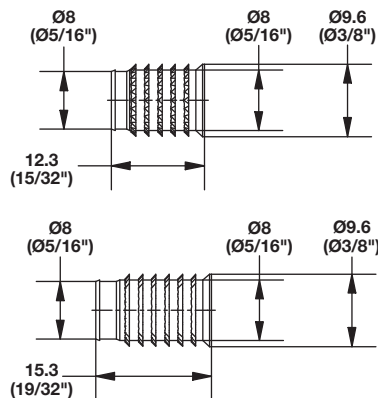
- > For corner and center panel connections with CNC, edge drillings are not required
- > Pre-mounted for quick and easy installation; additional dowels and screws are not required
- > High clamping force ensures a solid, positive-fit connection
- > Separable
- > Easily transported, flat pack delivery
- > For use with or without cover caps
- > Press fits into base panel and screw mounts into side panel with M6 threaded insert
- > Material: Plastic, fiberglass reinforced; Screw: Steel



Color	Item No.	Packing
white	267.91.310	500 pcs.
white	267.91.311	2,000 pcs.
black	267.91.312	500 pcs.
black	267.91.313	2,000 pcs.



→ Insert Nuts



- > Installs in side panel to accept Cabineo 8 M6 fitting
- > Wood thickness: M6x 12.3 mm insert: 14–16 mm
M6x 15.3 mm insert: 17–25 mm
- > Material: Brass

Insert size	Dim. X	Dim. Y	Item No.	Packing
M6 x 12.3	13.5	14–16	267.91.314	100 pcs.
M6 x 12.3	13.5	14–16	267.91.315	500 pcs.
M6 x 15.3	16.5	17–25	267.91.316	100 pcs.
M6 x 15.3	16.5	17–25	267.91.317	500 pcs.

→ 8 M6 Starter Kit

Item No.
267.91.319

→ Insert Nut Installation Tool

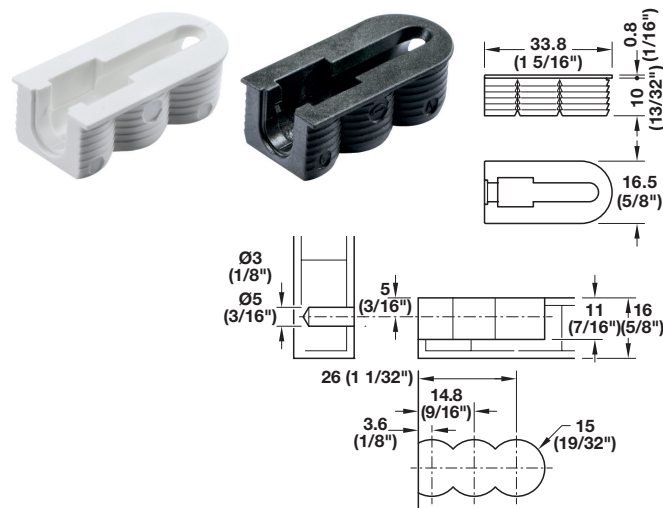
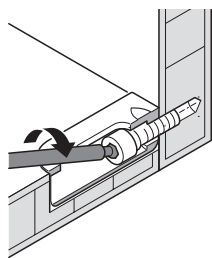


Item No.
267.91.318

Supplied With

- 80 Cabineo 8 M6
- 40 Cabineo 8 M6 insert nut
- 40 Cabineo cover caps, signal white RAL 9003
- 1 Cabineo insert nut installation tool
- 120 mm SW4 hexagon bit with ball head

Lamello Cabineo X



- > For corner and center panel connections with CNC, edge drillings are not required
- > Pre-mounted for quick and easy installation; additional dowels and screws are not required
- > High clamping force ensures a solid, positive-fit connection
- > Separable
- > Easily transported, flat pack delivery
- > For use with or without cover caps
- > Press fits into base panel and screw mounts into side panel with Ø3 mm or Ø5 mm drill hole
- > Ideal for installing shelves into a fixed space
- > Wood thickness: min. 12 mm; center panel: min. 16 mm
- > Material: Plastic, fiberglass reinforced; Screw: Steel

Color	Item No.	Packing
white	267.91.351	500 pcs.
	267.91.352	2,000 pcs.
black	267.91.353	500 pcs.
	267.91.354	2,000 pcs.

Note

Order screws and shelf supports separately.

→ Cover Caps



- > Material: Plastic

Color	Item No.
signal white RAL 9003	267.91.267
brown beige RAL 1011	267.91.264
window gray RAL 7040	267.91.265
papyrus white RAL 9018	267.91.268
mouse gray RAL 7005	267.91.263
black RAL 9005	267.91.262
dark steel	267.91.257
nickel	267.91.258
silver	267.91.259

Supplied With 100 pcs.

Note The colors indicated are similar to RAL colors and are as close as possible to the actual standard colors, but may vary slightly in production.

→ Starter Kit



Color	Item No.
signal white RAL 9003	267.91.350

Supplied With

80 Cabineo X
40 Cabineo 12 screws
20 shelf supports/screws
40 cover caps
8 mm SW4 hex bit, Cabineo X screw-in aid

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Lamello Cabineo X

→ **Screws and Shelf Supports**



Item	Material	Finish	Item No.	Packing
Cabineo 8 screw	Steel	black	267.91.330	500 pcs.
Cabineo 8 M6 screw	Brass	brass	267.91.331	500 pcs.
Cabineo 12 screw	Steel	nickel-plated	267.91.332	500 pcs.
Cabineo 12 screw	Steel	nickel-plated	267.91.333	2,000 pcs.
Cabineo X shelf support 5 mm	Steel	nickel-plated	282.43.200	500 pcs.
Cabineo X shelf support 3 mm	Steel	nickel-plated	282.43.201	500 pcs.

→ **Screw-in Aid**



- > For use with driver bit below
- > Material: Plastic

	Item No.
	001.26.613

Note

Driver bit not included.

→ **Driver Bits**



- > 1/4" drive with 4 mm ball tipped hex driver

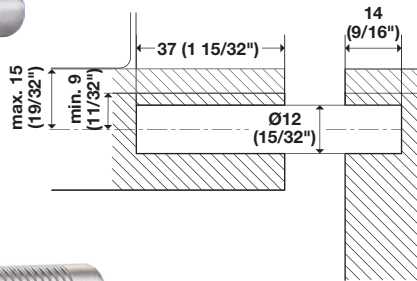
Length	Item No.
120	001.26.605
80	006.40.002

Lamello Invis Mx2

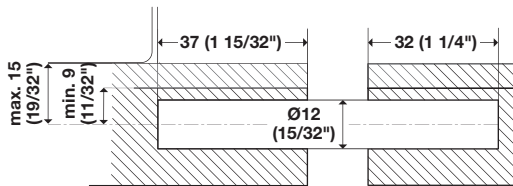
→ **Connector Sets**



14 mm studs



30 mm studs



- > A unique, magnet-driven connection for the highest demands on aesthetics, stability and productivity
- > With no visible openings, Invis Mx2 is connected and disconnected quickly repeatedly, using its magnetic drive
- > Screw mounted into the 12 mm (15/32") drill holes in the panel
- > Using MiniMag with a cordless drill, the connection closes and creates a clamping force of up to 250 kg (551 lb)/connector
- > Ideal for high gloss painted furniture, molded workpieces, stairs, etc.
- > Material: Zinc Alloy

Version	Item No.
with 14 mm studs	267.91.112
with 30 mm studs	267.91.113

Supplied With
20 Pairs

→ **Screw Bit**



- > For use with Invis Mx2 MiniMag

Item No.
267.91.149

→ **MiniMag with Screw Bit**



- > Drive magnet for tightening Invis Mx2 connectors

Item No.
267.91.118

→ **Rasto Spiral Drill**



- > For wood, Ø12 mm (15/32")

Item No.
001.26.690

→ **Starter Set**



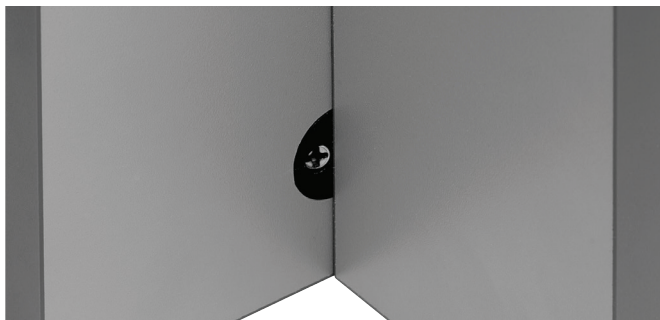
Item No.
267.91.119

- Supplied With**
- 1 Lamello Invis Mx2 MiniMag drive magnet
 - 1 Lamello Rasto drilling jig with 3 positioning bolts
 - 1 Rasto drill bit Ø12 mm (15/32") with depth gauge
 - 20 Lamello Invis Mx2 connectors with 14 mm studs
 - 1 Plug-fit sleeve
 - 1 Screw-in sleeve
 - 1 Screw bit
 - 1 Spring-loaded shaft
 - 1 Screw-in jig
 - 1 Systainer®

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

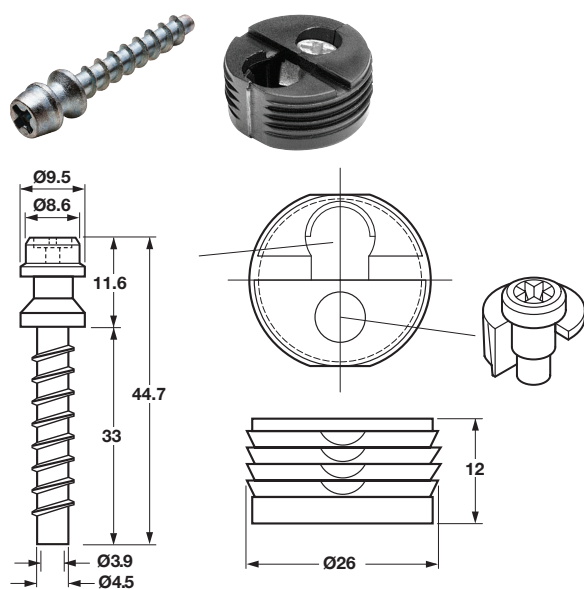
PAGE RESERVED FOR
NEW PRODUCT

Dowel/Cam Connectors



- > Dowel is inserted into edge of shelf; cam is inserted into upright
- > Panels can be stacked after connector is installed
- > Material: Cam housing: Plastic
Connector screw: Zinc die-cast

→ **DC-25**



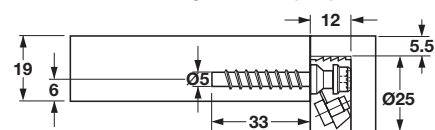
Color

brown

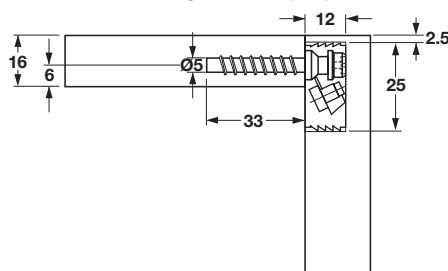
Item No.

261.95.100

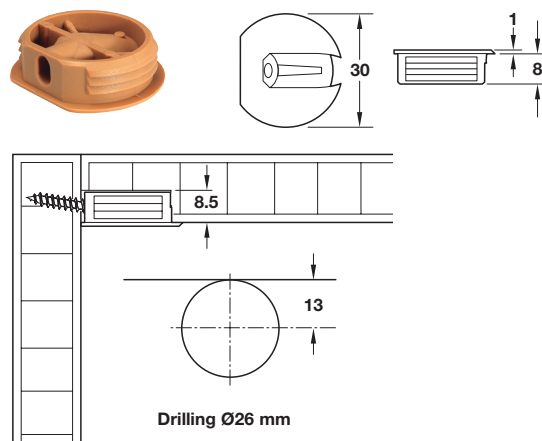
Recommended drilling for 19 mm (3/4") material



Recommended drilling for 16 mm (5/8") material



→ **RTA Fitting**



- > Press fit

- > Housing recess Ø: 26 mm

- > Material: Plastic

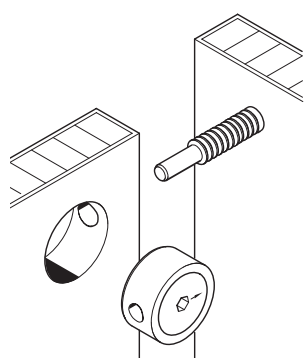
Color

beige

Item No.

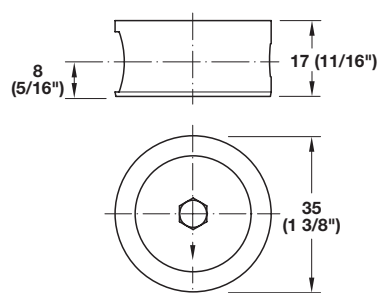
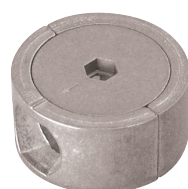
262.43.489

Confa 35



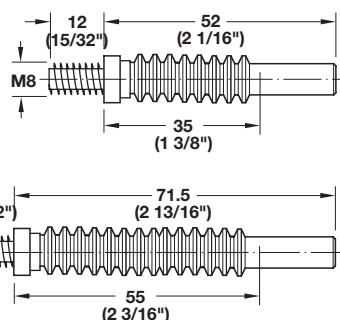
ixconnect

- > Recessed universal connector
- > For very sturdy and heavily loaded joints
- > Long travel distance
- > Quickly tightened with 6 mm hex key
- > A cordless drill can be used for quick assembly
- > Material: Housing: Zinc die-cast
Tightening element: Steel, unfinished



Wood thickness min.	Dimension A mounting center	Drilling depth	Item No.
24	1/2 wood thickness	1/2 wood thickness + 8	262.69.009

→ Connecting Bolts

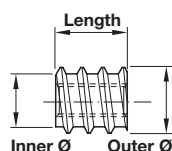


- > M8 thread
- > Ø:10.5 mm (7/16")
- > Material: Steel; Finish: zinc-plated

Drilling distance	Item No.
35	262.69.036
55	262.69.045

The connecting bolts on this page can be used with the following parts:

→ M8 Screw Sockets



- > With screw slot
- > Material: Steel, unfinished

Outer diameter	Inner diameter	Length	Item No.
14	11.5	15	030.00.404
16	12	18	030.00.422

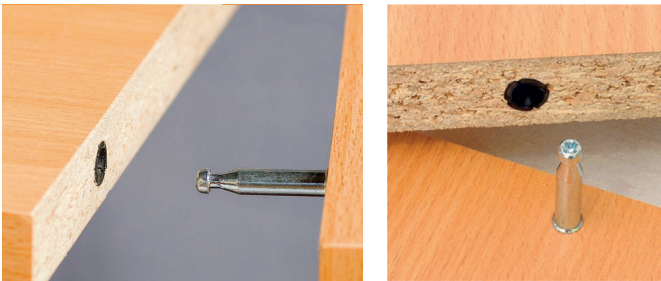
→ Hex Key



- > 6 mm
- > Material: Steel

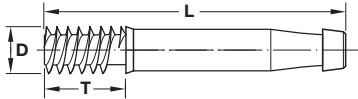
Finish	Item No.
zinc-plated	008.28.260

Quick Dowel Two-Part Connectors



- > Use as a quick connector for decorative moulding or trim pieces, as a complete case connector or in conjunction with dowels as a clamping device
- > Fast, one-time, non-releasable connector
- > A complete connection requires 1 bolt & 1 insert, sold separately

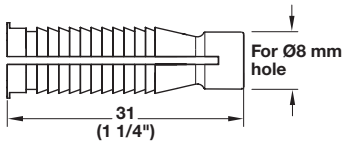
→ Bolts



> Material: Steel; Finish: zinc-plated

Length L	Thread T	Hole diameter D	Item No.
40	11	5	262.91.910
36	7.5	5	262.91.930
36	8	8	262.91.935
55	26	8	262.91.940

→ Insert

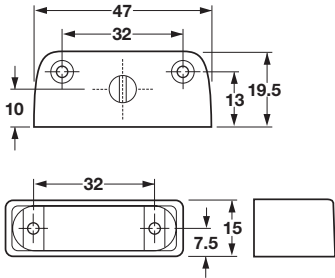
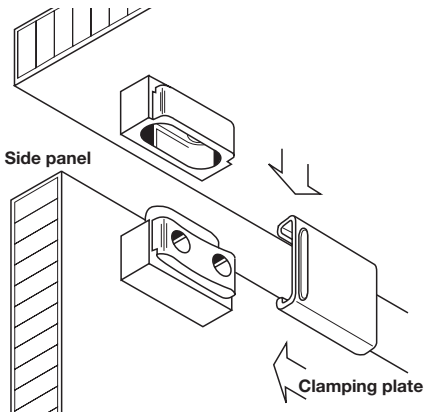
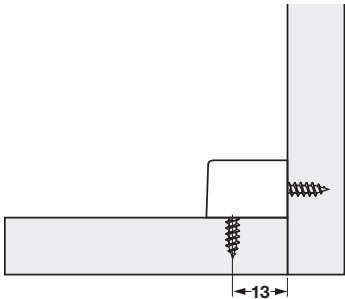


- > Drilling depth: 32 mm
- > Material: Plastic

Color	Item No.
black	262.91.320

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

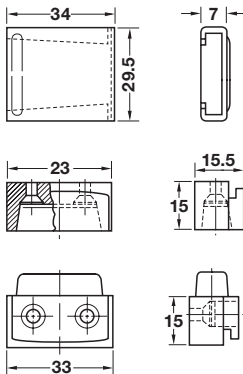
Surface Mounted Connectors



- > Screw mounted
- > Material: Plastic

Color
white

Item No.
261.16.710

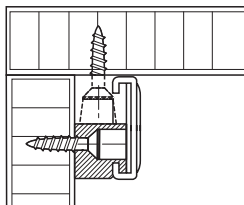


- > Two rectangular screw mounted elements, male and female with taper effect, provide a secure interlocking grip, locked together with a clamping plate
- > Material: Clamping plates: Steel
Mounting elements: Plastic

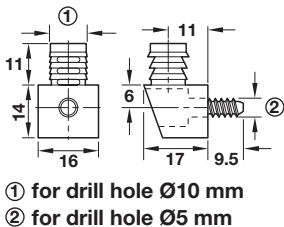
Color
white

Item No.
262.67.701

Supplied With
2 Elements



Uno I RTA Connector

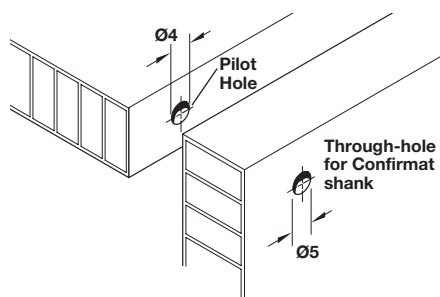


- > Screw mounted in Ø5 mm hole to side panel and press fit into Ø10 mm hole in side panel
- > Material: Plastic

Color
brown

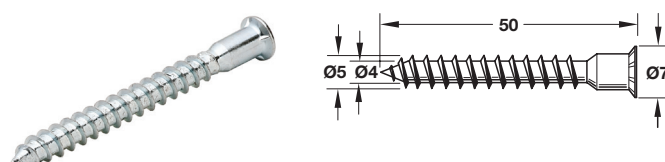
Item No.
262.41.109

Confirmat



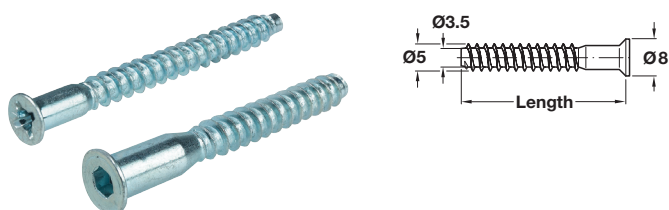
- > Long shank, deep-cut thread ensures accurate close-fitting joints between panels
- > High pull-out resistance and strength at the corners
- > Only a single drilling operation for side panels and shelves
- > Consistently secure joints are assured even with repeated assembly and disassembly
- > Material: Steel

→ Self-Countersinking



- > With cross-slot drive head and pointed tip
- > Trim caps are not available
- > Length: 50 mm (1 31/32")
- > Shank Ø: 5 mm (3/16")
- > Head Ø: 7 mm (9/32")
- > Finish: zinc-plated

→ Countersunk



- > Drill hole Ø: 4 mm (5/32")
- > Shank Ø: 5 mm (3/16")
- > Head Ø: 8 mm (5/16")
- > Finish: zinc-plated

	Drive	Item No.
	Hex socket head 3 mm	264.39.191
	Pozi drive # 2	264.40.191

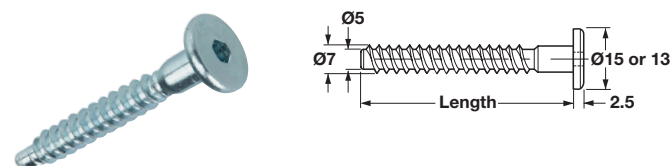
Supplied With
1,000 pcs.

Length	Pozi drive #2 drilled head, Ø2.4 mm	Hex socket head 3 mm
38 (1 1/2")	264.37.098	-
40 (1 5/8")	-	264.39.092
50 (2")	264.37.196	264.39.190

Supplied With
1,000 pcs.

Note
See trim caps on next page.

→ Cylinder Head



- > Trim caps are not available
- > Drill hole Ø: 5 mm (3/16")
- > Shank Ø: 7 mm (9/32")
- > Head Ø: 13 (1/2") or Ø15 mm (19/32")

Finish	Length	Hex socket head 4 mm	Hex socket head 4 mm
nickel-plated	50 (1 31/32")	264.43.120	264.47.174
bronzed	50 (1 31/32")	264.43.140	264.47.138
nickel-plated	70 (2 3/4")	-	264.47.272
bronzed	70 (2 3/4")	-	264.47.236
black	70 (2 3/4")	264.43.184	-

Supplied With
1,000 pcs.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Confirmat

→ Trim Caps



- > Ø:12 mm (15/32")
- > Press fit in Confirmat head
- > Material: Plastic

Color	Item No.
brown	045.18.101
black	045.18.307
white	045.18.709
pine	045.18.209
almond	045.18.450

Supplied With
5,000 pcs.



- > Press fit in Confirmat head
- > Material: Plastic

Color	 Ø12 (15/32")	 Ø15 (19/32")	 Ø12 (15/32")
white	045.01.704	045.01.713	045.01.731
black	-	-	045.01.339

Supplied With
1,000 pcs.

→ Screwdriver Bits



- > Cross-slot Z
- > Material: Hardened Tool Steel

Size	Item No.
2	006.37.285
3	006.37.294

Supplied With
25 pcs.

→ Hex Socket Bits



- > Material: Hardened Tool Steel

Size	Item No.
4	006.37.945
3	006.37.930

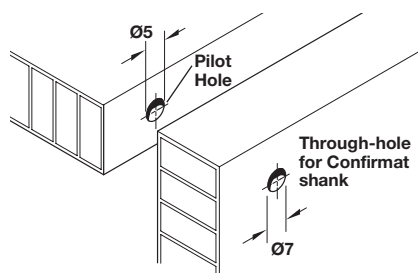
→ Step Bits



- > For Confirmat installation
- > Material: HSS

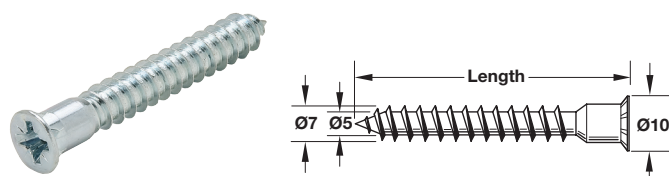
Size	Item No.
148.5L 4/5/8	001.22.663
150L 5/7/10	001.22.645

Confirmat



- > Extremely strong
- > With tip for easy insertion into blind hole
- > Countersinking is not necessary as the ribs countersink hole

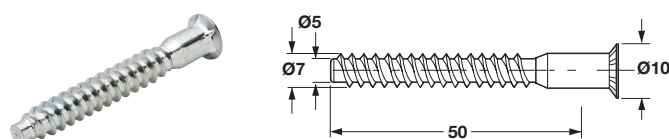
→ Self-Countersinking Connectors



- > With pointed tip
- > Material: Steel; Finish: zinc-plated

Length	Pozi drive #3	Hex socket head 4 mm
50 (1 31/32")	264.44.190	264.43.164
70 (2 3/4")	264.44.194	-

Supplied With
1,000 pcs.

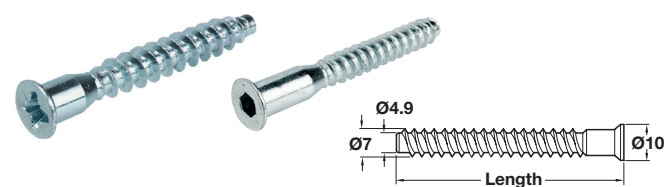


- > With tapered tip

	Drive	Item No.
	Pozi drive #3	264.44.180
	Hex socket head 4 mm	264.43.160

Supplied With
1,000 pcs.

→ Countersunk Connectors

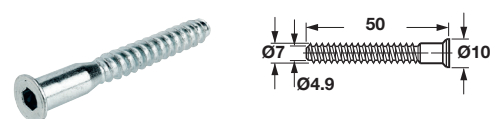


- > Material: Steel

Finish	Length	Pozi drive #3	Hex socket head 4 mm
zinc-plated	40 (1 5/8")	264.42.091	-
zinc-plated	50 (1 31/32")	264.42.190	264.43.600
bronzed	50 (1 31/32")	264.42.133	264.43.130
black	50 (1 31/32")	-	264.43.111
zinc-plated	70 (2 3/4")	264.42.291	-

Supplied With
1,000 pcs.

→ One-Piece Connector

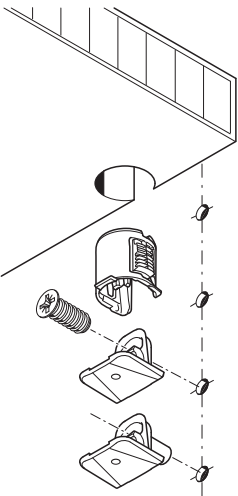


- > Material: Steel

Finish	Item No.
zinc-plated	264.43.600

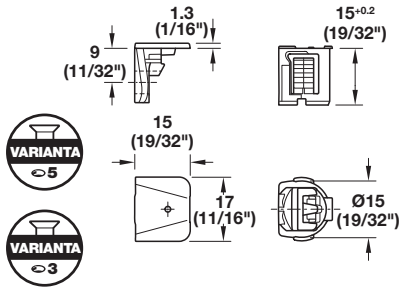
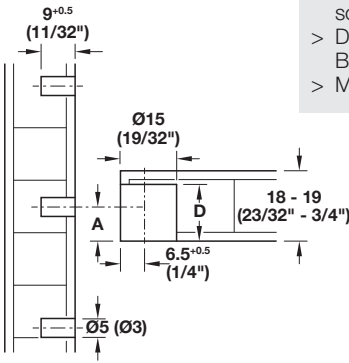
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele ixconnect Tab 15



ixconnect

- > The boss insert locks into the shelf without an additional safety screw
- > Tool-free installation and assembly
- > Shelf thickness: 18–19 mm (23/32"–3/4")
- > Secures shelf from tipping; stability is increased when screw mounted
- > Drill hole Ø: Support: 3 or 5 mm (1/8" or 3/16"); Boss insert: 15 mm (19/32")
- > Material: Support: Zinc Alloy; Insert: Plastic



- > Screw mounted
- > Wood thickness: 18–19 mm (23/32"–3/4")

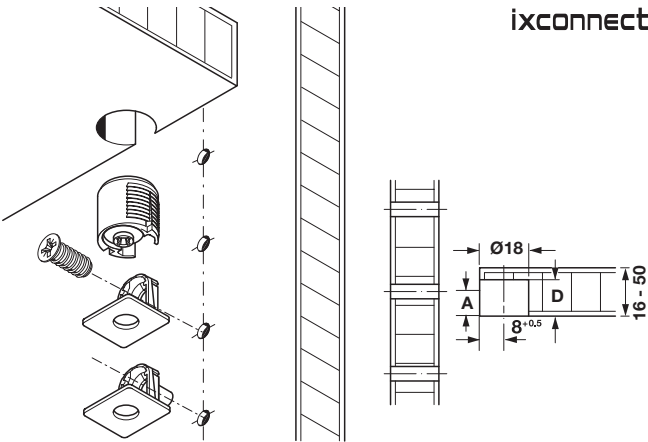
Finish

nickel-plated

Item No.

263.73.614

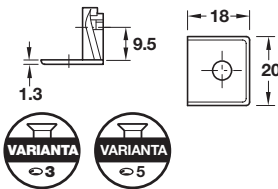
Häfele ixconnect Tab 18



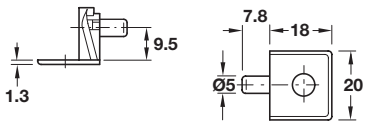
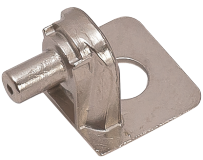
- > Excellent angular rigidity and pull-out resistance
- > Pulls shelf onto side panel
- > Locks shelf to side panel and prevents tipping
- > Cup inserts are flush, allowing shelves to be stacked
- > Locks and secures shelves into place

Note
Shelf insert is required for both supports.

→ Supports



- > For Varianta screws
- > Material: Zinc

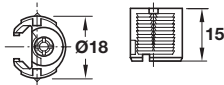


- > With 5 mm pins
- > Material: Zinc

Finish	Item No.
nickel-plated	263.60.556

Finish	Item No.
nickel-plated	263.61.553

→ Shelf Insert



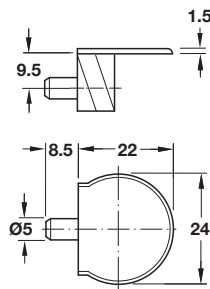
- > Material: Plastic; Tightening element: Zinc Alloy

Color	Item No.
black	263.64.554

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Häfele ixconnect Rasant-Tab Shelf Connector

ixconnect



- > Plug fits into hole Ø: 5 mm
- > Wood thickness: 19 mm
- > Material: Zinc die-cast

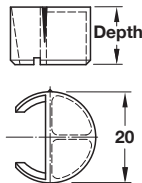
Finish

nickel-plated

Item No.

262.35.570

→ Shelf Insert



- > Wood thickness: 19 mm
- > Depth: 14.5 mm
- > Material: Plastic

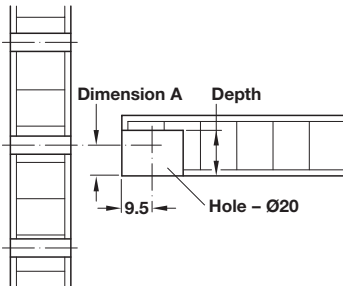
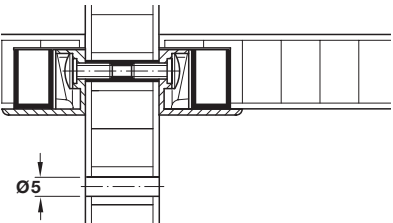
Color

black

Item No.

262.36.073

Example: Center panel application



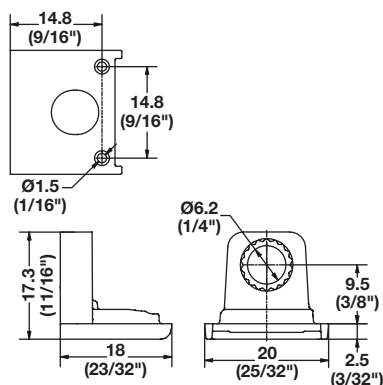
Depth = Depending on Rasant-Type and material thickness

Dimension A = 1/2 material thickness

PK2 PRO

- > Wood shelf supports ideal for modular furniture and bookcases
- > Allows for the connection of any side or shelf, including bottom and top panels, without the use of an additional connecting fitting
- > For wood shelf thickness: 18–19 mm (23/32"–3/4")

→ Shelf Supports

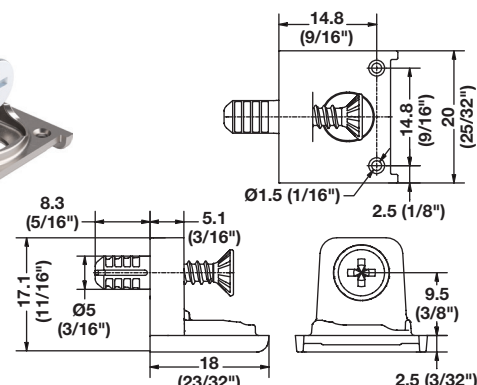


- > Without bushing and screw
- > Material: Zinc Alloy

Finish	Item No.
black nickel	263.67.811

Note

Order cams, screws and cover caps separately.



- > With bushing and screw
- > Material: Bracket: Zinc Alloy; Bushing: Plastic; Screw: Steel

Finish	Item No.
nickel-plated	263.67.813
black nickel	263.67.814

Note

Order cams and cover caps separately.

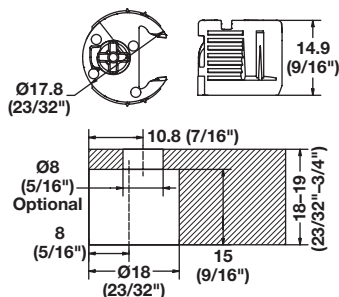
→ Cams



263.67.910



263.67.920



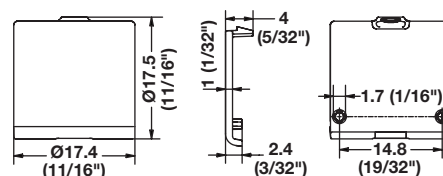
- > Material: Housing: Plastic; Color: light gray

Cam material	Item No.
Plastic	263.67.910
Zinc Alloy	263.67.920

Note

Order supports and cover caps separately.

→ Cover Caps



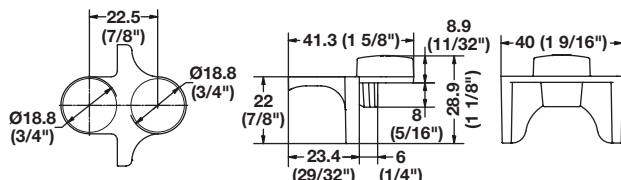
- > Material: Plastic

Color	Item No.
white	263.67.990
anthracite	263.67.991
gray (RAL 9007)	263.67.992

Note

Order supports and cams separately.

→ PK2 PRO Template



- > Material: Plastic

Color	Item No.
black	001.32.759

Note

Order supports, cams and cover caps separately.

PAGE RESERVED FOR
NEW PRODUCT

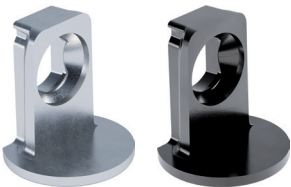
Maori Shelf Connector



- > Excellent support for fixed or adjustable wooden shelves
- > Small footprint creates pleasing aesthetic
- > Shelf insert can be secured with Ø3 mm screw
- > Stepped drill bit available for proper installation



→ Supports



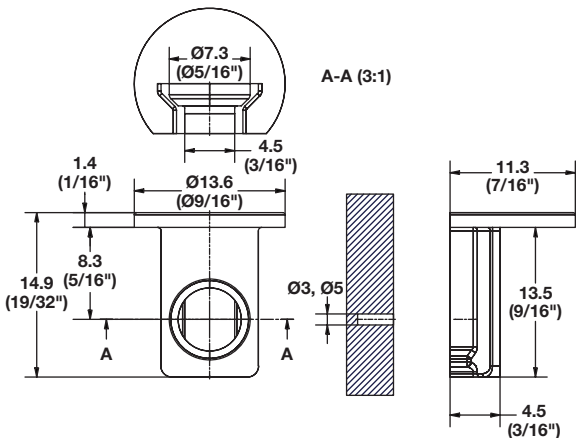
- > Material thickness: 19 mm (3/4")
- > Screw mounted
- > Material: Zinc

Finish

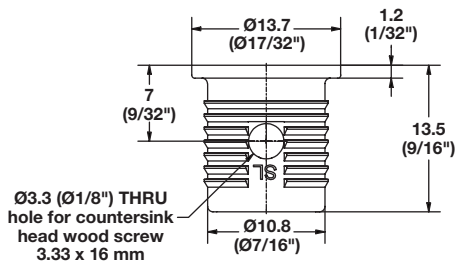
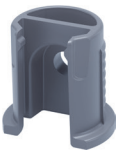
nickel-plated
black

Item No.

263.77.752
263.77.754



→ Shelf Insert



- > Material thickness: 19 mm (3/4")
- > Drilling depth: 15 mm (19/32")
- > Material: Plastic

Color

gray

Item No.

263.77.551

→ Step Drill Bit



- > For Maori shelf connector installation
- > Material: Steel

Item No.

001.06.309

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Dovetail Connector



- > Concealed tool-free installation for shelves
- > Provides solid reinforcing connections; self-reinforces if several shelves are used
- > Stabilizes high and protruding components
- > Easy to dismantle

Installation

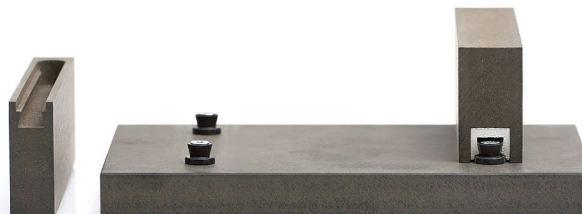
1. Mill groove front edge of shelf rail, 10.5 x 12 mm (7/16" x 15/32") (H x W), insert rail and attach with screws. Use one flat countersunk head screw at approximately 200 mm (7 7/8") intervals.
2. Attach the dovetail sleeve with a flat countersunk head screw (head Ø: < 6 mm (1/4") on opposite side. 6 sleeves per meter (39 3/8") is recommended
3. Adjust push-in resistance of rail via tightening torque (screw connection strength) of dovetail sleeve.
4. Slide shelf onto side panel and slide rail onto sleeves.

Note

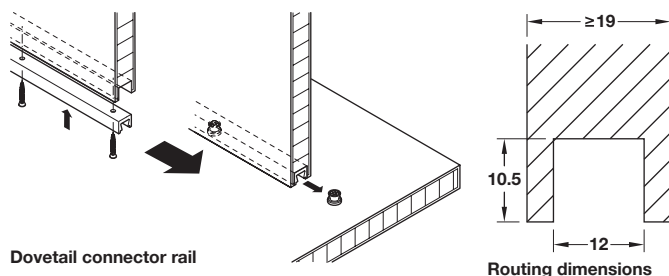
Set depth of shelf by tightening the rear sleeve more firmly.
Add a depth stop to the structure if necessary.
The tighter the dovetail sleeve screws are tightened, the more difficult it is to slide in and remove the shelves.



Edge or surface milling
with profile milling cutter

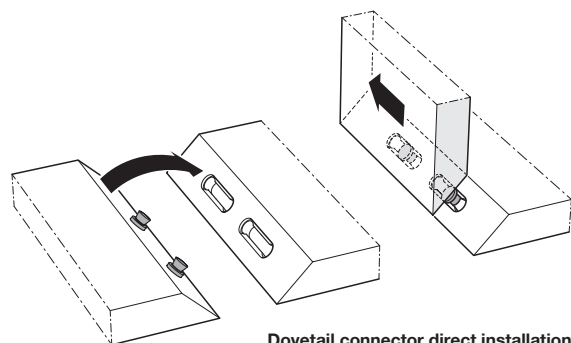


Comparison of dovetail connector installation directly/with rail

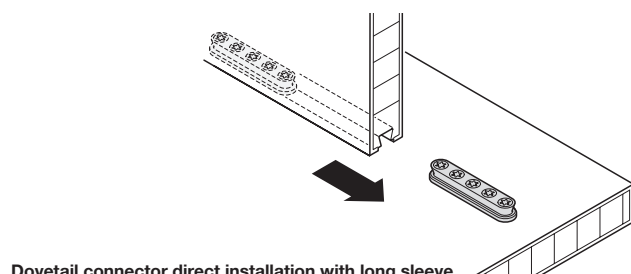


Dovetail connector rail

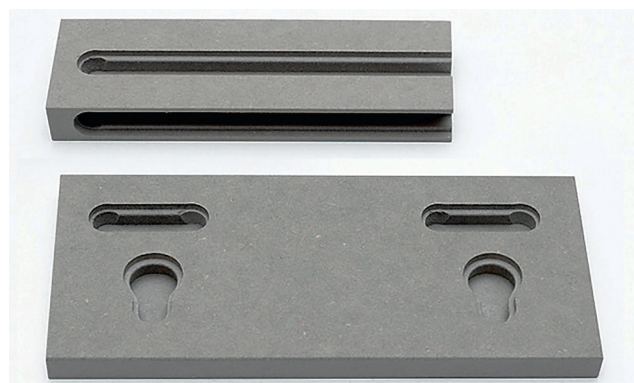
Routing dimensions



Dovetail connector direct installation

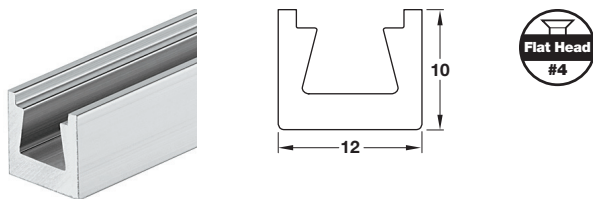


Dovetail connector direct installation with long sleeve



Options for surface connection or edge connection
using biscuit jointer with profile groove function

→ Rails



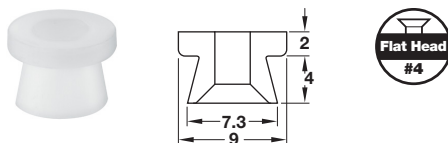
- > Length: 3,000 mm (118 1/8")
- > Material: Aluminum, bright

Version	Item No.
un-drilled	261.30.030
pre-drilled, countersunk	
pre-drilled at 150 mm (5 7/8") intervals	261.30.031

Note

Special lengths available on request from an order quantity of 100 pcs.

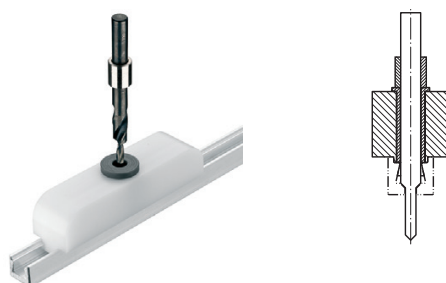
→ Sleeve



- > Screw mounted
- > Material: Plastic

Color	Item No.
white	261.30.790

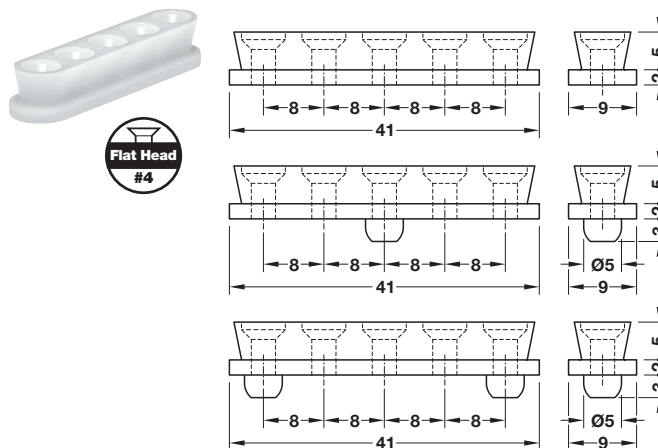
→ Processing Aid Drilling Jig



- > Features countersink cutter with hardened insert
- > Material: Plastic

Item No.
261.30.900

→ Long Sleeves



- > Screw mounted
- > Dovetail connector direct installation with recessed mounting profile
- > Length: 41 mm (1 3/4")
- > Material: Plastic; Color: white

Version	Item No.
without positioning dowel	261.30.780
with 1 positioning central dowel	261.30.781
with 2 positioning 32 mm dowels	261.30.782

→ Biscuit Jointer



- > Mills the groove for fixing profile for dovetail connector directly into the board material
- > Shank Ø: 8 mm (5/16")
- > Length: Total length: 46 mm (1 13/16")
Shank length: 37 mm (1 7/16")
- > Material: Hard Metal

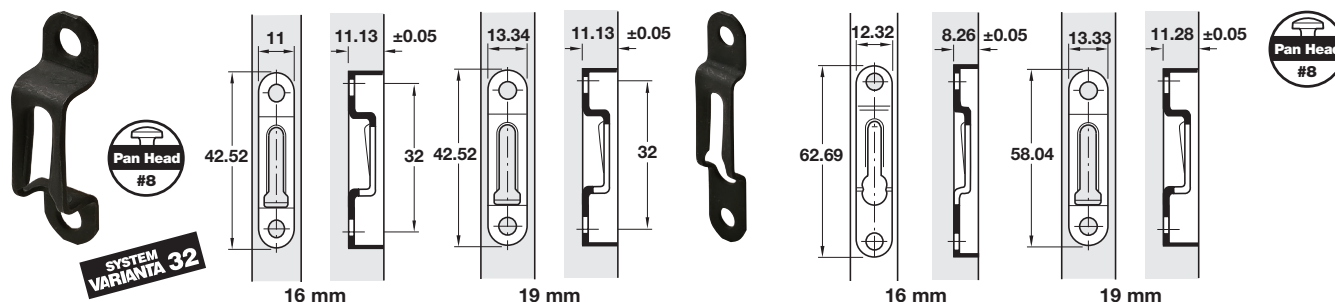
Item No.
001.60.000

Note

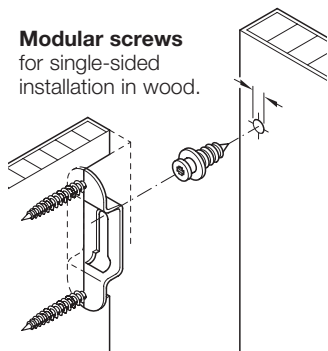
Board material must be verified in advance for respective application.

Modular Connectors

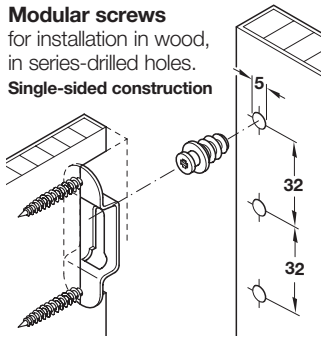
→ Non-Locking Connectors



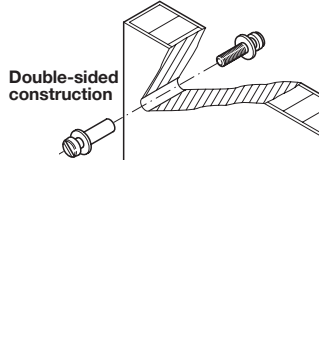
Modular screws
for single-sided
installation in wood.



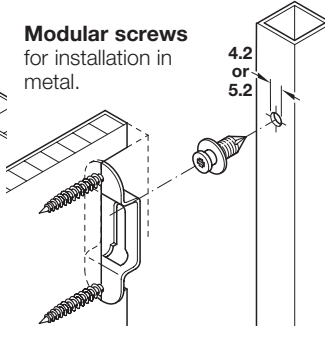
Modular screws
for installation in wood,
in series-drilled holes.
Single-sided construction



**Double-sided
construction**



Modular screws
for installation in
metal.



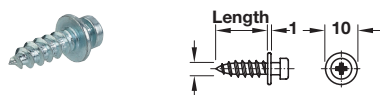
- > Center to center: 32 mm
- > Material: Steel; Finish: black phosphate

- > Material: Steel; Finish: black phosphate

Panel thickness	Mfg. #	Item No.
16	4032-PH	262.47.313
19	5032-PH	262.47.343

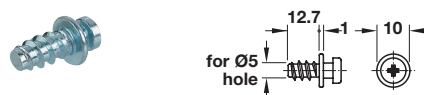
Panel thickness	Mfg. #	Item No.
16	4061-PH	262.47.048
19	5063-PH	262.47.022

→ Modular Screws



- > With wood screw thread
- > For installation in hole Ø: 4 or 5 mm
- > Material: Steel, galvanized

Length	Hole Ø	Mfg. #	Item No.
12.7	4	1065	262.47.978
16	4	1165	262.47.987
25	4	5069	262.47.996
32	4	5068	262.47.870
16	5	2155	262.47.902



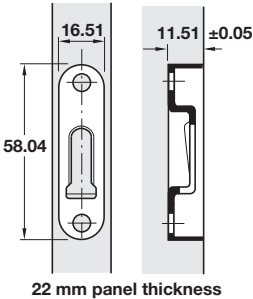
- > With special thread
- > For installation in series-drilled hole Ø: 5 mm
- > Material: Steel, galvanized

Mfg. #	Item No.
2055	262.47.807

Modular Connectors

- > For panel thickness: 22 mm (7/8")
- > Brackets attach to panels with pan head screws

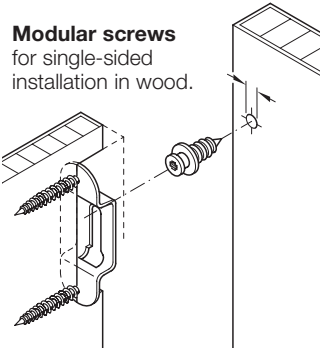
→ Non-Locking Connector



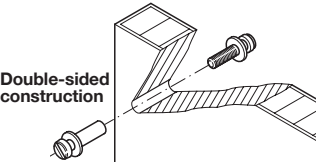
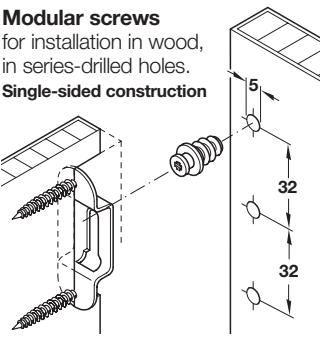
> Material: Steel

Finish	Mfg. #	Item No.
black phosphate	6063-PH	262.47.077

Modular screws
for single-sided
installation in wood.

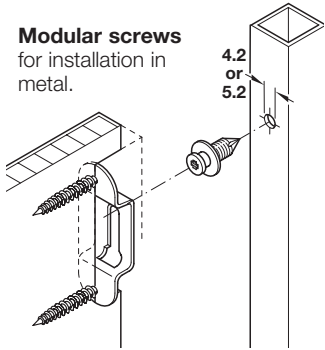


Modular screws
for installation in wood,
in series-drilled holes.
Single-sided construction

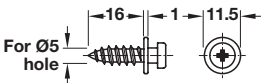


**SYSTEM
VARIANTA 32**

Modular screws
for installation in
metal.



→ Modular Screw



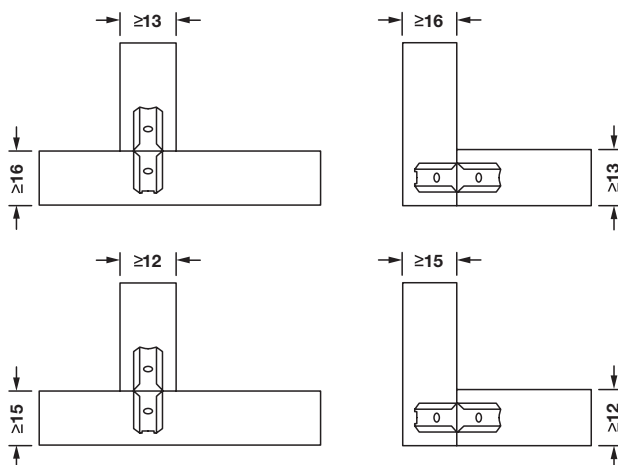
- > Wood screw thread
- > Material: Steel, galvanized

Mfg. #	Item No.
6165	262.47.889

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

Lamello Self-Clamping Connectors



- > With pre-loaded facility
- > Joins and clamps during insertion for perfectly closed joints
- > Insertion of shelves after transport for lower transport weight
- > Efficient machining and installation with a Zeta based on the P-System
- > Narrow element for material thickness: min. 13 mm
- > For use in furniture, store fixtures, exhibitions, book shelves, open room dividers, wine shelves, etc.

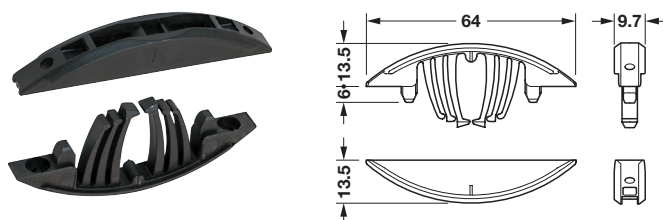
P-System



Note

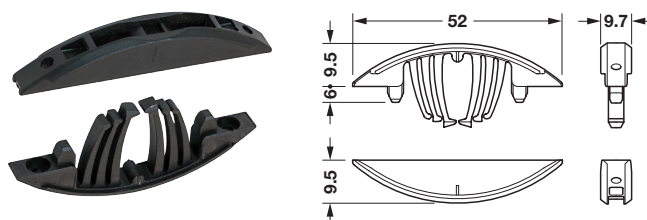
The connector must always be used with glue. The connection cannot be separated after engagement. Lengthwise and system groove required. The Lamello Zeta P2 biscuit joiner or CNC machine required for installation.

→ Tenso P-14



- > Routing depth: 14 mm
- > Tolerance specification: lateral + 1 mm; sliding tolerance: + 2 mm
- > Material: Plastic, fiberglass reinforced

→ Tenso P-10



- > Routing depth: 10 mm
- > Tolerance specification: lateral + 1 mm; sliding tolerance: + 2 mm
- > Pre-loaded clips and installation tool included in each box of connectors
- > Material: Plastic, fiberglass reinforced

Item	Item No.	Packing
starter kit	267.91.151	80 pcs. connectors and pre-load clips, insertion tool
connector	267.91.192	80 pcs.
connector	267.91.152	300 pcs.
connector	267.91.153	1,000 pcs.

Item No.	Packing
267.91.220	80 pcs.
267.91.221	300 pcs.
267.91.222	1,000 pcs.

→ Tenso P-14 Pre-load Clips



- > Material: Plastic, fiberglass reinforced

Item No.	Packing
267.91.159	300 pcs.
267.91.158	1,000 pcs.

Supplied With
Installation tool

→ Tenso Installation Tool



- > Material: Plastic, fiberglass reinforced

Item No.
267.91.224

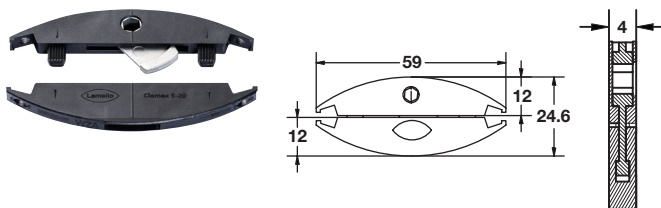
Lamello Detachable Connectors



Top reasons to use Clamex S-20 as a standard connector:

1. Use any biscuit cutter tool to create a 4 mm groove
 2. Process advantages in production, transport and assembly
 3. One connector for all connection applications and angles
- > Installation with 3 x 12 mm Torx screws
 - > Connector can be removed and retightened as necessary
 - > The tensioning element makes high force transfer possible
 - > Laterally adjustable
 - > For corner, center panel and surface connections from 30°–180°

→ Clamex S-20



- > SW 4 hexagon drive
- > Lengthwise adjustment: + 1.0 mm (1/32")
- > Wood thickness: min. 16 mm (5/8")
- > Material: Plastic; Bolt: Zinc Alloy

Version	Item No.	Packing
with screws, jig, Torx bit	267.91.210	20 pcs.
with screws, jig, Torx bit	267.91.211	80 pcs.
with jig	267.91.212	300 pcs.

Note

Join wood using any biscuit cutter tool

→ Drilling and Alignment Jig



- > Material: Plastic, fiberglass reinforced

Item No.
001.26.612

→ Drilling Jig



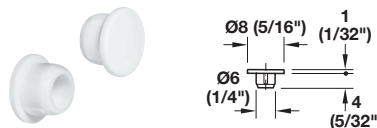
- > For drilling hole for tightening screw, 22.5°–108° angles
- > Material: Plastic; Bolt: Zinc Alloy

Item No.
001.26.603

Supplied With

6 mm drill bit

→ Cover Caps



brown	dark brown	black	ivory	brown beige
blue gray	window gray	light gray	gray white	white

- > Drill hole Ø: 6 mm (1/4")
- > Material: Plastic

Color	Item No.
brown	045.00.110
dark brown	045.00.111
black	045.00.357
ivory	045.00.408
brown beige	045.00.409
blue gray	045.00.556
window gray	045.00.557
light gray	045.00.558
gray white	045.00.756
white	045.00.759

Lamello Clamex

→ **S-20 Starter Kit**



Item No.
267.91.214

Supplied With
 80 pcs. Clamex S-20 (incl. screws)
 1 pc. Clamex S-20 drill jig w/6 mm bit
 1 pc. Clamex installation tool
 1 Systainer case

→ **Wood Drill Bit**



- > For drilling hole for tightening screw, 22.5°–108° angles
- > Material: Plastic; Bolt: Zinc Alloy

Item No.
001.26.603

→ **Screw**



- > 3 x12 mm
- > Material: Steel

Item No.
010.00.300

Supplied With
 1,500 pcs.

→ **Torx Bit**



- > 1/4" TX10 25 mm
- > Material: Steel

Item No.
001.26.616

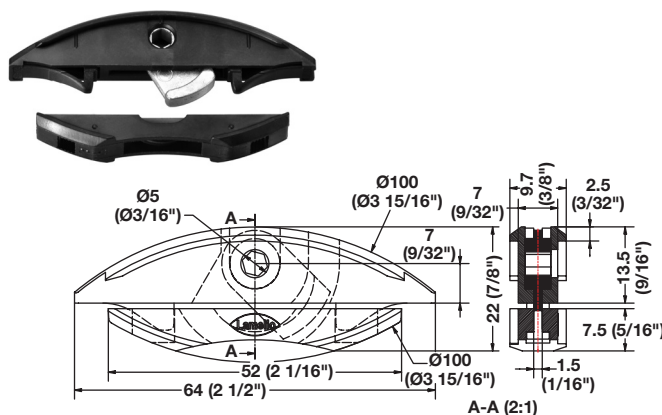
Lamello Detachable Connectors



- The three top reasons to use Clamex P-14 as a standard connector:
1. Nearly invisible, secure connections
 2. Process advantages in production, transport and assembly
 3. One connector for all connection applications and angles

- > Quick and tool-free installation
- > Connector can be removed and retightened as necessary
- > The tensioning element makes high force transfer possible
- > Laterally adjustable
- > For corner, center panel and surface connections from 30°–180°

→ Clamex P-14 Flexus Connectors



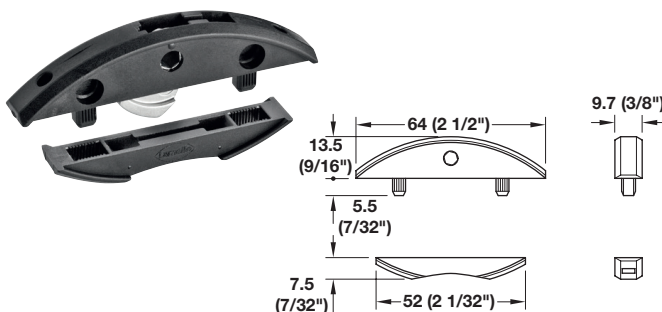
- > Retractable positioning pins allow flexible assembly sequence
- > Simple alignment and versatile assembly
- > SW 4 hexagon drive
- > Wood thickness: min. 16 mm (5/8'')
- > Material: Plastic; Bolt: Zinc Alloy

Item No.	Packing
267.91.302	80 pcs.
267.91.303	300 pcs.
267.91.304	1000 pcs.

Note

Join wood using Zeta P2 power tool: depth setting 14 for male fitting; 10 for female fitting.

→ Clamex P-14/10 Medius Connectors



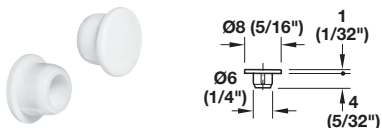
- > For center panels
- > SW 4 hexagon drive
- > Lengthwise adjustment: + 1 mm (1/32'')
- > Wood thickness: min. 12 mm (15/32'')
- > Material: Plastic; Bolt: Zinc Alloy

Item No.	Packing
267.91.188	80 pcs.
267.91.138	300 pcs.

Note

Join wood using Zeta P2 power tool: depth setting 14

→ Cover Caps



- > Drill hole Ø: 6 mm (1/4'')
- > Material: Plastic

brown	dark brown	black	ivory	brown beige
blue gray	window gray	light gray	gray white	white

Color	Item No.
brown	045.00.110
dark brown	045.00.111
black	045.00.357
ivory	045.00.408
brown beige	045.00.409
blue gray	045.00.556
window gray	045.00.557
light gray	045.00.558
gray white	045.00.756
white	045.00.759

Lamello Detachable Connectors



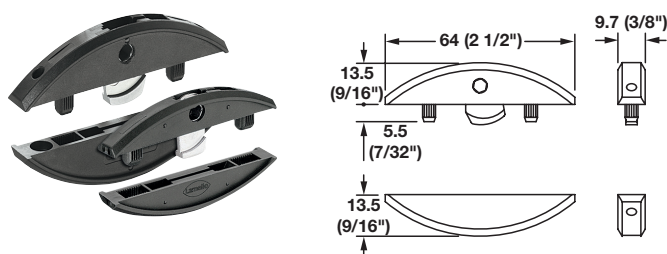
P-System



Note

Lengthwise and system grooves required.
The Lamello Zeta P-2 biscuit joiner and HM biscuit joiner are required for installation. The profile groove can be milled with the HM biscuit joiner with a CNC machine for series manufacturing.

→ Clamex P-14



- > SW 4 hexagon drive
- > Lengthwise adjustment: + 1.5 mm (1/16'')
- > Wood thickness: min. 16 mm (5/8'')
- > Material: Plastic; Bolt: Zinc Alloy

Item No.	Packing
267.91.186	80 pcs.
267.91.136	300 pcs.
267.91.166	1000 pcs.

Note

Join wood using Zeta P2 power tool: depth setting 14

→ Flexible Fitting Tool



- > Material: Plastic, fiberglass reinforced

Item No.

001.26.607

→ Drilling Jig



- > For drilling hole for tightening screw, 22.5°–108° angles
- > Suitable for Clamex P-10, P-14, P-15 and Medius connectors
- > Material: Plastic; Bolt: Zinc Alloy

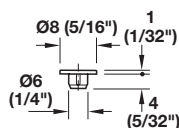
Item No.

001.26.603

Supplied With

Twist drill bit

→ Cover Caps



- > For drill hole Ø: 6 mm (1/4'')
- > Material: Plastic

Color	Item No.
brown	045.00.110
dark brown	045.00.111
black	045.00.357
ivory	045.00.408
brown beige	045.00.409
blue gray	045.00.556
window gray	045.00.557
light gray	045.00.558
gray white	045.00.756
white	045.00.759



Lamello Sliding Connectors



- > Pushes in effortlessly until tightening point is reached
- > Shelves can be removed and retightened as necessary
- > Quick, tool-free installation
- > Concealed connection with evenly closed gaps

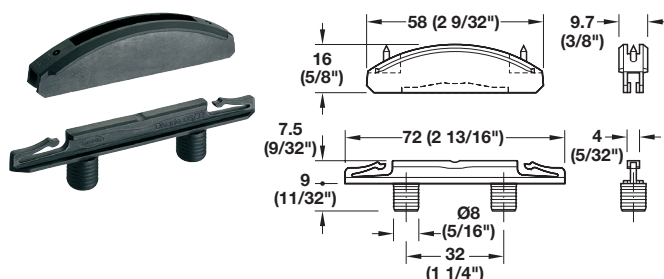
P-System



Note

Lengthwise and system grooves required. The Lamello Zeta P-2 biscuit joiner and HM biscuit joiner are required for installation. The profile groove can be milled with the HM biscuit joiner with a CNC machine for series manufacturing.

→ Divario P-18

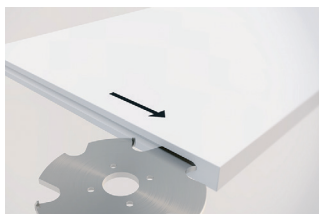


- > Self-clamping, invisible fitting for slide insertion
- > Material: Plastic, fiberglass reinforced

Item	Item No.	Packing
starter kit	267.91.128	80 pcs. connectors, marking jig and insertion tool
connector	267.91.195	80 pcs.
connector	267.91.155	300 pcs.
connector	267.91.163	1,000 pcs.

Note 1 pc. = 1 each male/female

Installation



Mill lengthways groove for connector



Mill P-system groove

→ Installation Tool



- > For knocking connector into workpiece

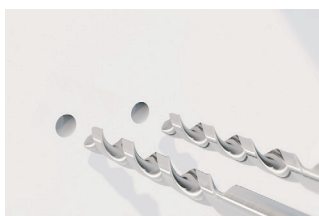
Item No.
001.26.700

→ Marking Jig

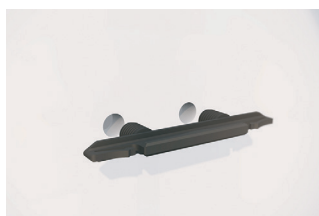


- > For manual, precise drilling of Divario bolt holes
- > Includes drill bit with centering tip and depth gauge

Item No.
001.26.710



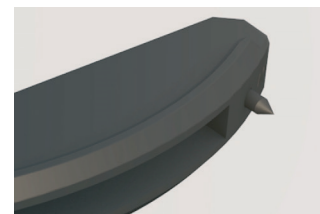
Drill Ø 8 mm hole for connecting bolt



Knock in connecting bolt



Push in connector



Knock in fixing pin using installation tool



Insert shelf



Concealed, positive-fit connection

Lamello Starter Kits



→ P-System Basic



Item No.
267.91.301

Supplied With
80 pcs. Clamex P-14
80 pcs. Tenso P-14 plus pre-loaded clips
60 pcs. Clamex P Medium
20 pcs. Bisco P-14
1 Sortainer® T-Loc box with divider

→ P-System Professional



Item No.
267.91.300

Supplied With
120 pcs. Clamex P-14
30 pcs. Clamex P-14 Flexus
30 pcs. Clamex P-10
80 pcs. Tenso P-14 plus pre-loaded clips
30 pcs. Tenso P-10 plus pre-loaded clips
20 pcs. Bisco P-14
80 pcs. Divario P-18
1 Divario installation tool, drill bit with depth gauge, plastic marking jig
1 Clamex P installation tool
1 Sortainer® T-Loc with divider

→ Divario



Item No.
002.18.051

Supplied With
Divario P-18 Installation Tool
Divario P-18 Marking Jig
Drill Bit with centering point and rotating depth collar
80 pcs. Divario P-18

→ Lamello Zeta P2 Biscuit Joiners

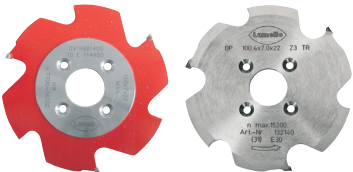


- > For use in furniture and kitchen manufacturing, shop fixtures and booth construction
- > Height-adjustable cutter is based on the tried-and-tested original
- > With fixed, self-clamping and detachable connecting fittings, for the most complete and versatile wood joining system
- > Top 21's Step Management System (SMS) uses a machined dial knob to micro-adjust the height of the cutter in 0.1 mm increments over a total range of 4 mm
- > Multi-functional stop square, swiveling front stop with fixed pivot point and high-precision application surfaces
- > Fixed or detachable connections with 10 different joining elements
- > Power: 1,050 W; Voltage: 230 V or 120 V

Blade	Item No.
diamond	002.18.010
carbide	002.18.003

Supplied With
P-system drill jig
Spacers
Tool set
Stop square
Case

→ P-System Cutter Blades



- > For profile grooves: 7 mm
- > For use with Lamello Zeta P2 biscuit joiner

Blade, 7 mm	Item No.
carbide	002.18.009
diamond	002.18.030

→ Lamello Classic X



- > Base plate flush on both sides for efficient positioning
- > Precision-machined guide and application surfaces
- > Multi-functional stop square, swiveling front stop 0-90° with detents at 22.5°, 45°, 67.5°, 90°
- > Slim, powerful motor
- > Carbide tipped cutter
- > Rotating depth adjuster with 6 standard depths
- > Cutting depth: max. 20 mm
- > Power: 750 W; Voltage: 230 V or 120 V

Item No.
002.18.040

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

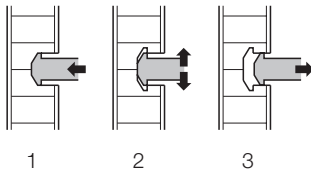
→ **Lamello Zeta P2 Cordless Biscuit Joiner**



- > For use in furniture and kitchen manufacturing, shop fixtures, and booth construction
- > Height-adjustable cutter is based on the tried-and-tested original
- > With fixed, self-clamping and detachable connecting fittings, for the most complete and versatile wood joining system
- > Multi-functional stop square, swiveling front stop with fixed pivot point and high-precision application surfaces
- > Fixed or detachable connections with 10 different joining elements
- > With diamond blade
- > Power: 18V, LiHD 4.0 Ah battery

Item No.
002.18.065

Supplied With
Case
P-System drill jig
Spacers
Dust bag
Tool set
Stop square
2 Batteries
Charger



- 1 The cutter cuts into the workpiece until the pre-set depth is reached
- 2 The cutter moves minimally up and down cutting the profile groove
- 3 Removing the cutter

→ **Lamello Classic X Cordless**



- > Base plate flush on both sides for efficient positioning
- > Precision-machined guide and application surfaces
- > Multi-functional stop square, swiveling front stop 0-90° with detents at 22.5°, 45°, 67.5°, 90°
- > Slim, powerful motor
- > Carbide tipped cutter
- > Rotating depth adjuster with 6 standard depths
- > Cutting depth: max. 20 mm
- > With diamond blade
- > Power: 18V, LiHD 4.0 Ah battery

Item No.
002.18.063

Supplied With
Case
Spacers
Dust bag
Tool set
Stop square
2 Batteries
Charger

→ **Replacement Batteries and Charger**



Item	Item No.
Battery charger ASC 55	002.18.033
Battery pack 18V, LiHD 4.0 Ah	002.18.034
Battery pack 18V, LiHD 5.5 Ah	002.18.035

→ Lamello Top 21 with Case



- > Premium biscuit joiner for use in furniture and kitchen manufacturing, shop fixtures and booth construction
- > Height-adjustable cutter is based on the tried-and-tested original
- > With fixed, self-clamping and detachable connecting fittings, for the most complete and versatile wood joining system
- > Top 21's Step Management System (SMS) uses a machined dial knob to micro-adjust the height of the cutter in 0.1 mm increments over a total range of 4 mm
- > Multi-functional stop square, swiveling front stop with fixed pivot point, and high-precision application surfaces
- > Fixed or detachable connections with 10 different joining elements
- > Power: 1,050 W; Voltage: 230 V or 120 V

Item No.

002.18.050

Supplied With
Systainer case

→ Carbide Cutter/Scorer for Wood Biscuits



Item No.

006.89.029

→ T-Groove Diamond Cutter for Clamex P



- > For CNC
- > Bore: 100.4 x 7 x 30 mm

Item No.

002.18.012

Note
Requires CNC Cutter Arbor.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

→ Lamello Wood Biscuits



- > Recessed, embossed surfaces for optimal glue distribution and strong connections
- > Rounded, smooth edges for easy insertion into groove
- > Diagonal fiber orientation for excellent strength
- > Premium Swiss-made product

H x L	Groove depth	Groove thickness	Size	Item No.
15 x 47	8	4	0	267.91.400
19 x 53	10	4	10	267.91.410
23 x 56	12	4	20	267.90.112

→ Lamello Alignment Bisco P-14



- > Joins and clamps during insertion for perfectly closed joints
- > Part of the Clamex P system, for alignment of grooves on separation walls, tabletops or kitchen counters
- > Used for the flush alignment of panels, as well as for gluing, stiffening and increasing shear strength
- > Ideal for dry-fitting connections prior to final assembly with Clamex or Tenso
- > Fits P-System grooves without changing the cutter
- > L x W x H: 65 x 27 x 7 mm
- > Material: Plastic, fiberglass reinforced

	Item No.
	267.91.183

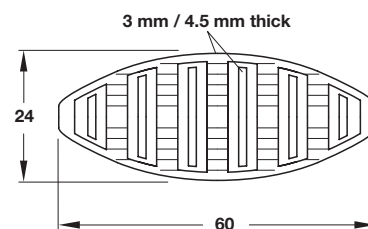
Supplied With 80 pcs.

Note Installs with Zeta P-2.

→ Panel Expansion Inserts



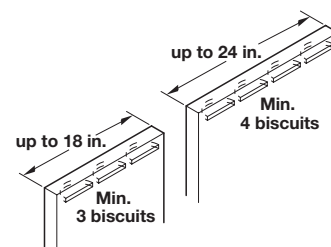
→ Lamello K20 Clamping Element



- > Assembly aid for work pieces that are difficult to clamp
- > Plastic element with lateral clamping ridges for anchoring in the groove
- > Used in combination with wood biscuits
- > Can be installed with any biscuit joiner
- > Installs with cutter Ø: 100 x 4 x 22 mm (standard cutter)
- > Material: Plastic

Color	Item No.
black	267.91.020

→ Wood Biscuits



- > Die-cut from beechwood blanks, these biscuit assemblers (or wood joining plates) are compressed for strength and cross-hatched to improve glue bonding
- > When used with any water-based glue, the biscuit swells within the joint providing excellent holding power
- > For all types of butt or miter joints

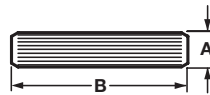
H x L	Groove depth	Groove thickness	Size	Item No.
15 x 47	8	4	0	267.90.000
19 x 53	10	4	10	267.90.010
23 x 56	12	4	20	267.90.020

Color	Item No.	Bulk
black	037.90.000	037.90.010

Note

Bulk quantity supplied with 10,000 pcs.

→ Wood Dowels (Fluted)

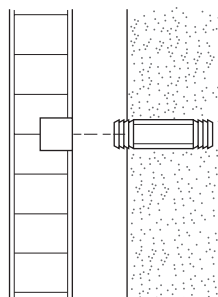
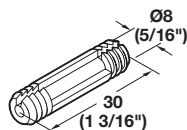


- > Fluted dowels allow glue to distribute evenly over the entire surface
- > Suitable for non-glued applications in combination with mechanical fasteners
- > Application:
 - Glued case connections
 - Non-glued connections in combination with mechanical fastener
- > Material: Kiln-dried hardwood

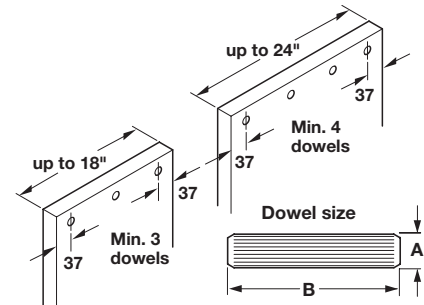
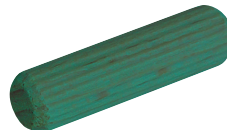
mm A x B	Item No.	Packing	Item No.	Bulk
5 x 30	267.83.030	1,000	267.83.032	52,000
5 x 35	267.83.035	1,000	267.83.036	46,000
6 x 25	267.83.125	1,000	267.83.127	44,000
6 x 30	267.83.130	1,000	267.83.132	35,400
8 x 25	267.83.225	1,000	267.83.227	23,000
8 x 30	267.83.230	1,000	267.83.233	19,200
8 x 32	267.83.232	1,000	267.83.234	17,800
8 x 35	267.83.235	1,000	267.83.237	16,400
8 x 38	267.83.238	1,000	267.83.239	15,000
8 x 40	267.83.240	1,000	267.83.242	14,200
8 x 50	267.83.250	1,000	267.83.252	12,000
10 x 30	267.83.330	1,000	267.83.332	25,000
10 x 50	-	-	267.83.350	13,000

Inch A x B	Item No.	Packing	Item No.	Bulk
1/4" x 1"	267.80.102	1,000	267.80.103	38,700
1/4" x 1 1/4"	267.80.105	1,000	267.80.106	29,600
5/16" x 1"	-	-	267.80.202	10,000
5/16" x 1 1/4"	267.80.205	1,000	267.80.206	17,800
5/16" x 1 1/2"	267.80.207	1,000	267.80.208	15,000
3/8" x 1 1/2"	267.80.307	1,000	267.80.308	13,000
3/8" x 2"	267.80.312	1,000	267.80.313	13,000
1/2" x 3"	267.80.719	1,000	267.80.720	5,000

→ EXACT Dowel



→ Pre-Glued Multi-Grooved (Fluted) Wood Dowels



- > 100% glue coverage creates superior holding strength
- > Eliminates clean up time on product during and after assembly
- > Material: Kiln-dried hardwood

mm A x B	Item No.	Packing	Item No.	Bulk
6 x 25	267.84.125	1,000	267.84.126	44,000
6 x 30	267.84.130	1,000	267.84.131	35,000
8 x 25	267.84.225	1,000	267.84.226	23,000
8 x 30	267.84.230	1,000	267.84.231	20,000
8 x 32	267.84.232	1,000	267.84.233	20,000
8 x 35	267.84.235	1,000	267.84.236	20,000
8 x 38	267.84.238	1,000	267.84.239	15,000

Inch/mm A x B	Item No.	Bulk
5/16" x 35	267.84.237	20,000

Note

How to use a Pre-glued dowel:

- > Simply replace glue with water
- > Fill approximately 1/3 of the hole with water and insert dowel
- > A spray mist bottle can also be used by holding the nozzle next to the hole, and spraying 1 or 2 times before you insert the dowel

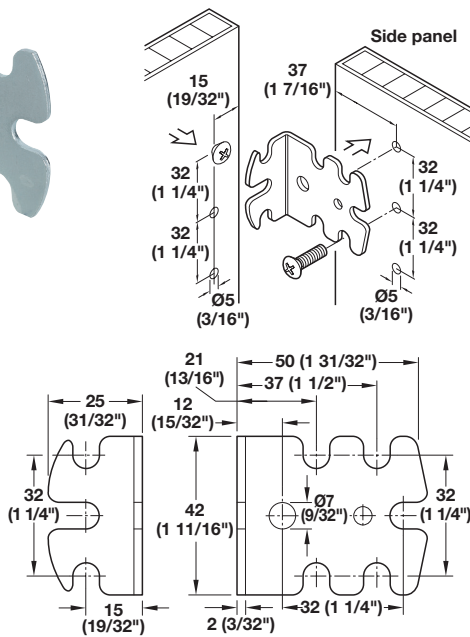
- > For solid and detachable connections
- > Made of high grade, high-impact plastic for invisible and corrosion proof connections
- > The tooth-like grooves of the dowels guarantee a tight fit even without glue
- > EXACT dowels save labor on ceiling, door and wall paneling as they can also be driven into brick and concrete
- > Material: Plastic

Color	Item No.
white	267.70.700

→ Universal Brackets



SYSTEM
VARIANTA 32



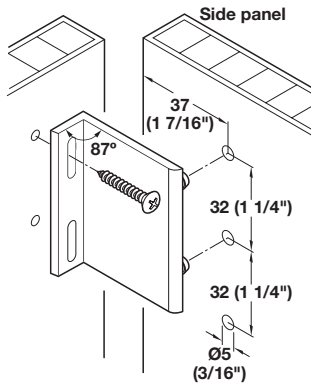
- > For 32 mm series holes
- > Material: Steel

Finish	Item No.
galvanized	264.25.909
white epoxy-coated	264.25.703

→ Rear Panel Bracket



SYSTEM
VARIANTA 32

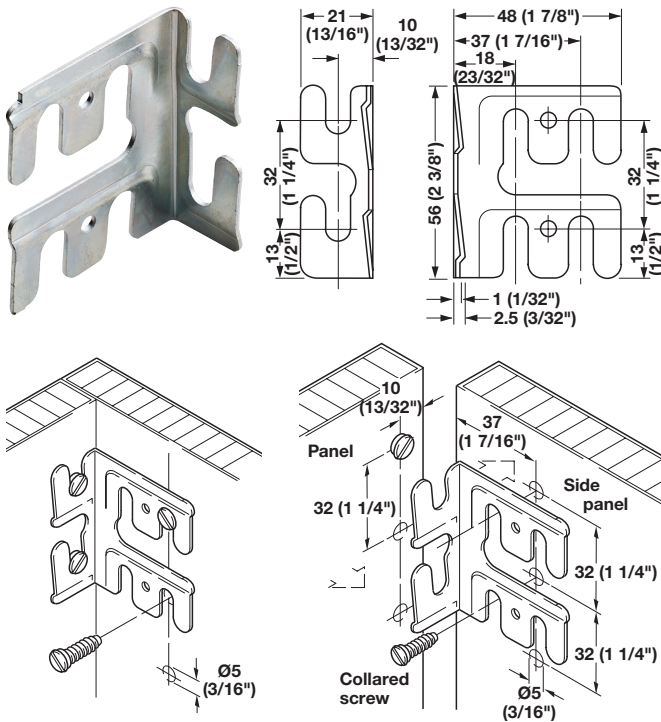


- > Press fit into 32 mm series hole Ø: 5 mm
- > Material: Plastic

Color	Item No.
white	260.12.706

Connecting Brackets

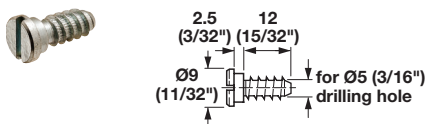
→ Topfix Angle Bracket



- > Left/right hand
- > Material: Steel, galvanized

Item No.
264.27.912

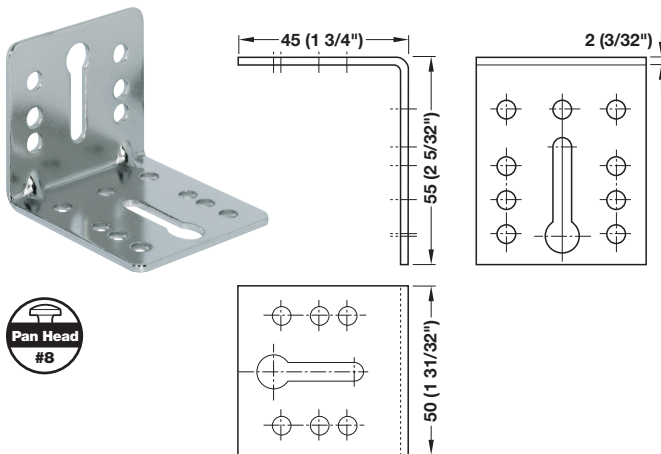
→ Special Collared Screw



- > For use with Topfix angle bracket
- > With slotted drive
- > Material: Steel, galvanized

Item No.
264.27.985

→ General Purpose Bracket



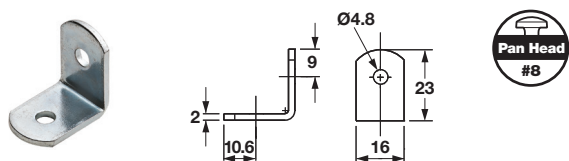
- > With key hole slot
- > Material: Steel

Finish
nickel-plated

Item No.
558.12.943

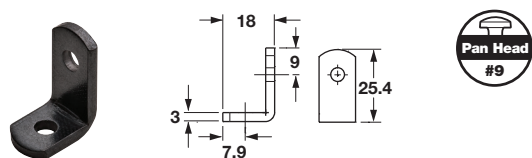


Connecting Brackets



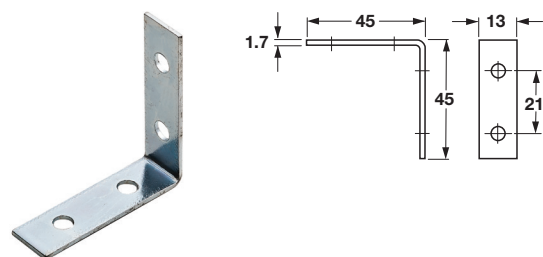
- > 14 gauge
- > Material: Steel

Finish	Item No.
unfinished	260.35.022
black oxide	260.35.322
zinc-plated	260.35.922



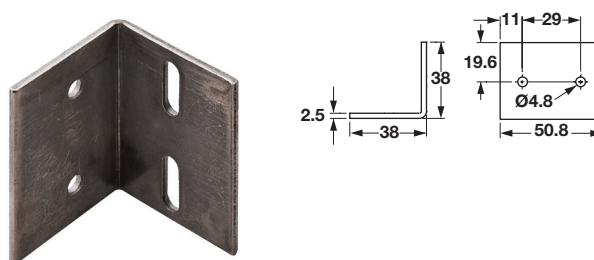
- > 11 gauge
- > Material: Steel

Finish	Item No.
unfinished	260.35.002
black oxide	260.35.302



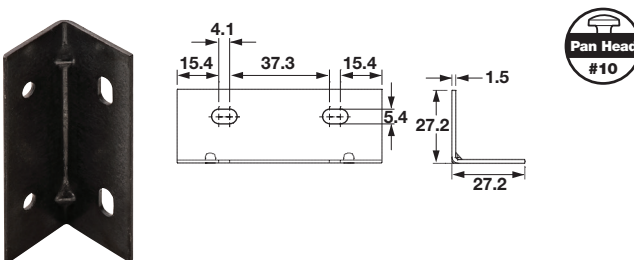
- > 16 gauge
- > Material: Steel

Finish	Item No.
unfinished	260.33.004
zinc-plated	260.33.904



- > 13 gauge
- > Material: Steel

Finish	Item No.
unfinished	260.25.045
black oxide	260.25.345
zinc-plated	260.25.945

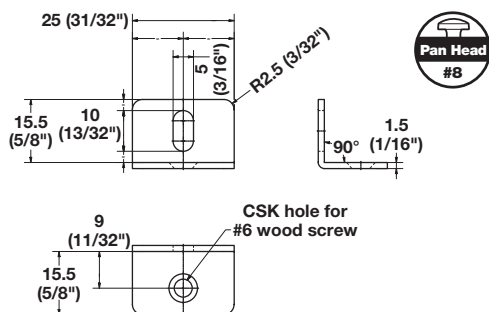


- > Material: Steel

Finish	Item No.
unfinished	260.25.027
black oxide	260.25.327
zinc-plated	260.25.927

Connecting Brackets

→ Table Plates



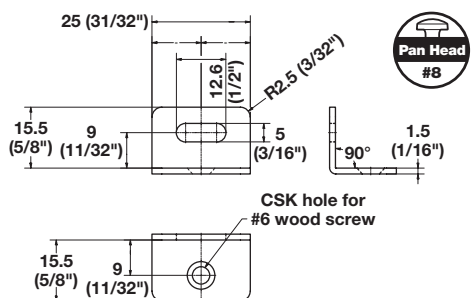
- > With screw hole and slot
- > Material: Steel

Finish

nickel-plated

Item No.

290.08.936



- > With screw hole and slot
- > Material: Steel

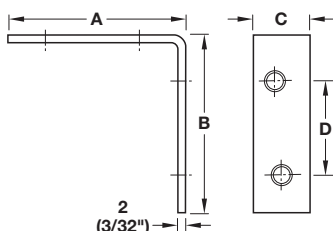
Finish

nickel-plated

Item No.

290.08.937

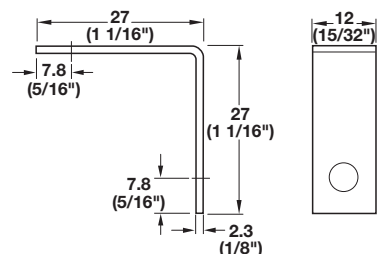
→ Corner Braces



- > With screw holes
- > Material: Steel; Finish: blue galvanized

A x B	C	D	Item No.
25 x 25	15	10	260.28.902
40 x 40	15	20	260.28.904
50 x 50	15	25	260.28.905
60 x 60	18	32	260.28.906
80 x 80	18	46	260.28.908

→ Angle Brackets



- > Material: Steel, epoxy-coated

Finish

white

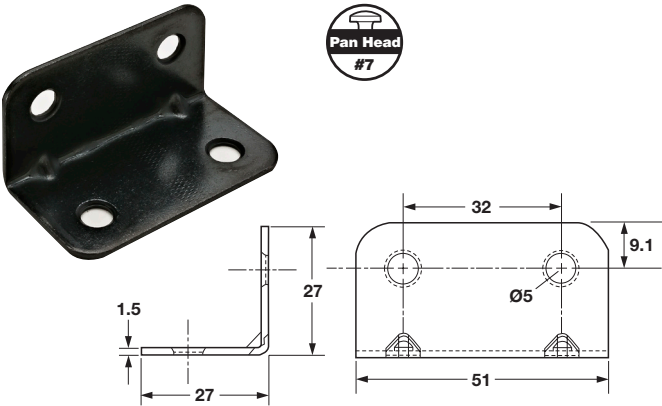
brown

Item No.

260.35.740

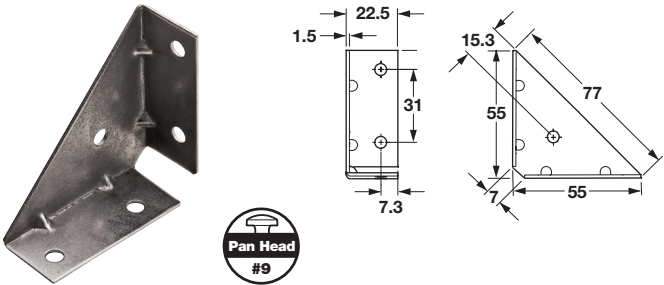
260.35.140

Connecting Brackets



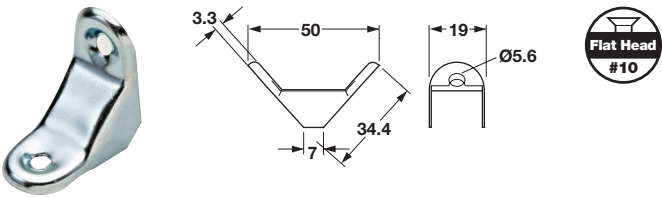
> Material: Steel

Finish	Item No.
unfinished	260.46.010
black oxide	260.46.310
zinc-plated	260.46.910



> 16 gauge
> Material: Steel

Finish	Item No.
unfinished	260.34.005
black oxide	260.34.305
zinc-plated	260.34.905



> 22 gauge
> Material: Steel

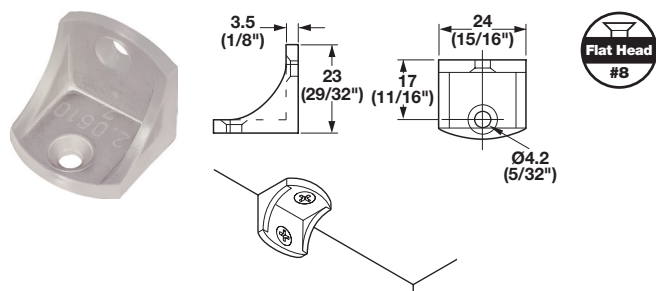
Finish	Item No.
unfinished	260.43.003
black oxide	260.43.303
zinc-plated	260.43.903

Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

Connecting Brackets

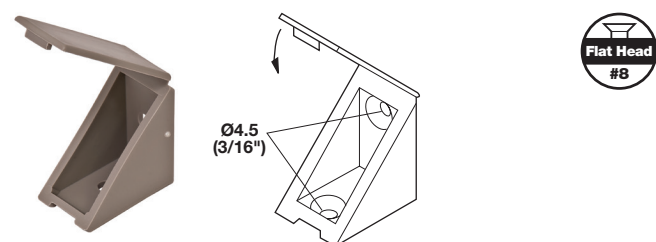
- > Small and inconspicuous
- > Allows easy screw mounting of various furniture components including back panels and rails
- > Boring is not required due to surface mounting
- > Material: Plastic

→ Angle Brackets



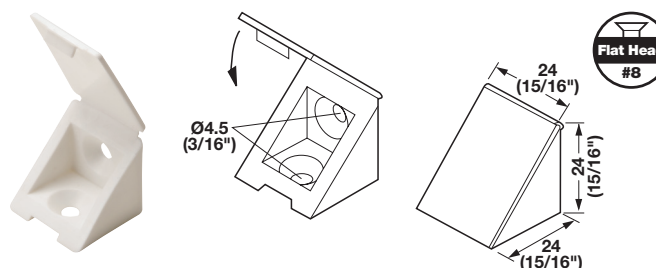
> For furniture assembly

Color	Item No.
white	260.24.715
brown	260.24.117
transparent	260.24.415



> With attached cover cap

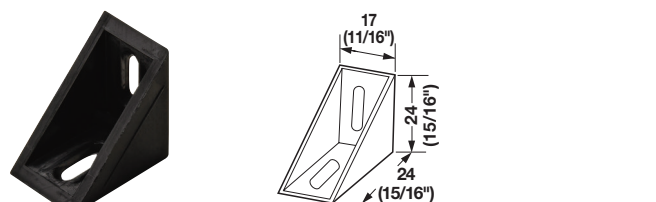
Color	Item No.
white	260.24.740
almond	260.24.440
brown	260.24.140
black	260.24.340
bronze	260.24.141
gray	260.24.541
ivory	260.24.741



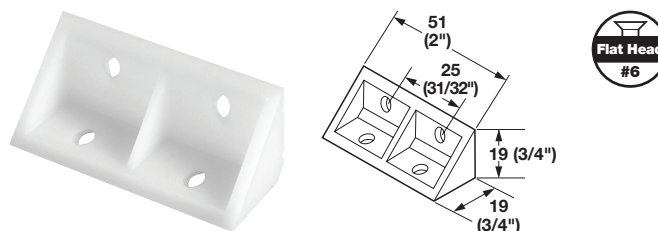
> With attached cover cap

Color	Item No.
white	260.24.720

→ Corner Brackets

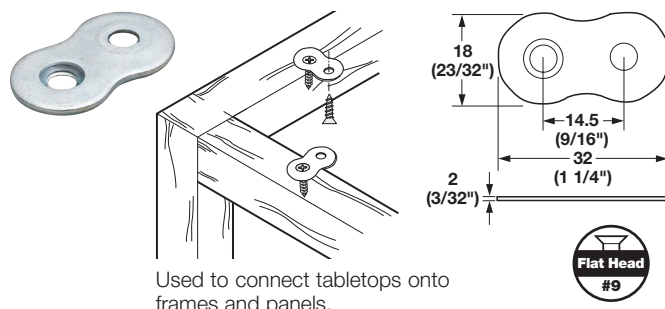


Color	Item No.
white	260.47.700
black	260.47.300



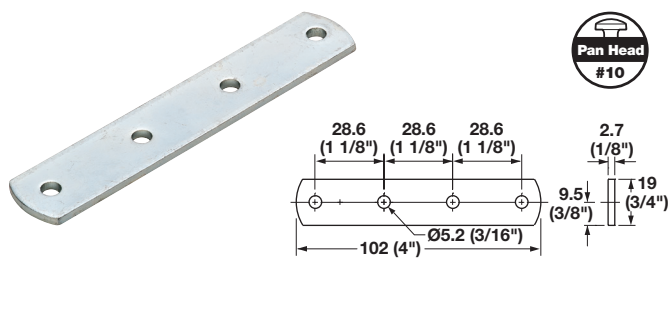
Color	Item No.
white	260.48.700

Connecting Plates



> Material: Steel

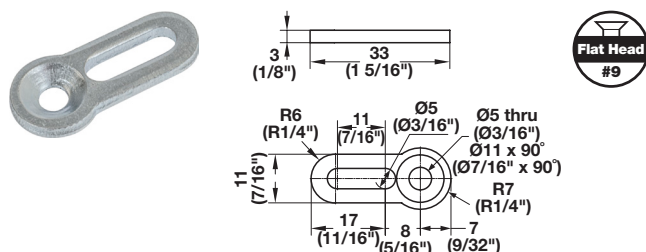
Finish	Item No.
zinc-plated	260.22.930



> 12 gauge
> Material: Steel

Finish	Item No.
zinc-plated	260.22.910

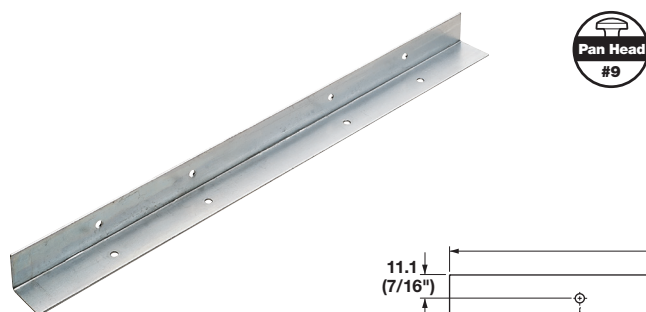
→ Izzy Skirt Washer



> Used to attach tabletops and drawer fronts
> Slotted design offers adjustability
> Material: Steel

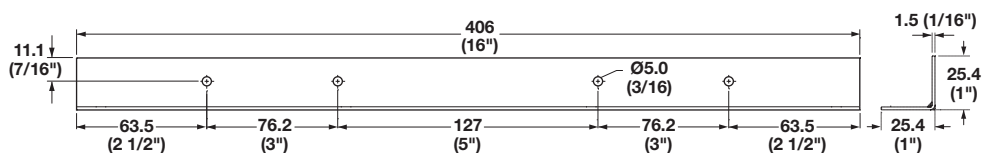
Finish	Item No.
zinc-plated	260.26.910

→ Brackets



> 16 gauge
> Material: Steel

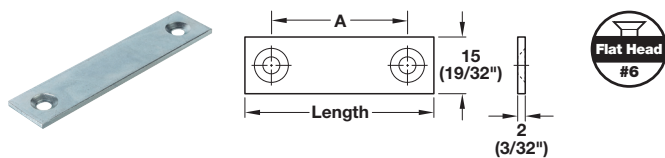
Finish	Item No.
black oxide	260.39.340
zinc-plated	260.39.940



Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

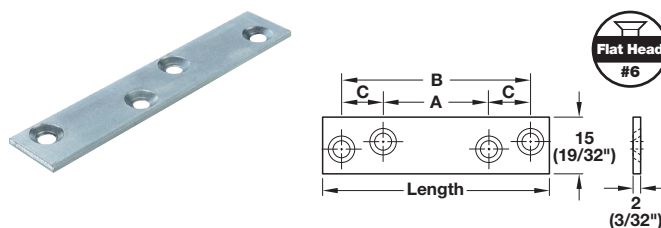
Connecting Plates and Pins

→ Mending Plates



> Material: Steel, galvanized

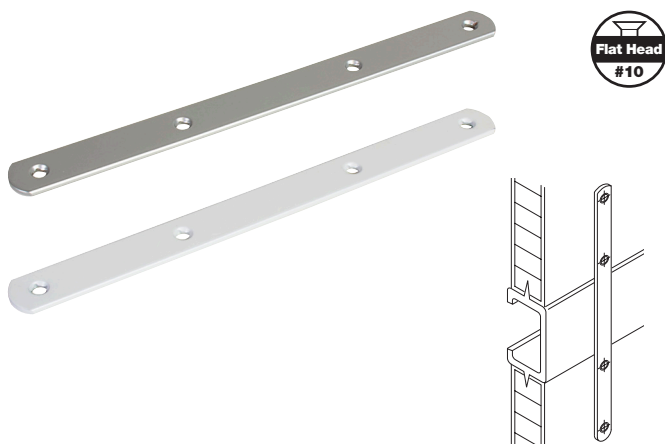
Length	A	Item No.
50	35	260.21.509
70	55	260.21.705



> Material: Steel, galvanized

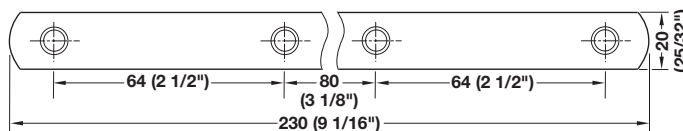
Length	A	B	C	Item No.
60	27	49	11	260.20.011
80	17	64	24	260.20.020
100	27	85	29	260.20.039

→ Door Panel Connectors

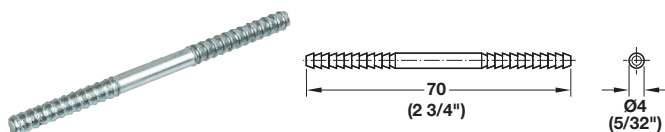


- > Uniform front view
- > Use in base cabinets without drawers or doors and in stacked panel installations
- > Screw mounted
- > Thickness: 3 mm (1/8")
- > Material: Steel, powder-coated

Finish	Item No.
silver	260.22.200
white	260.22.710



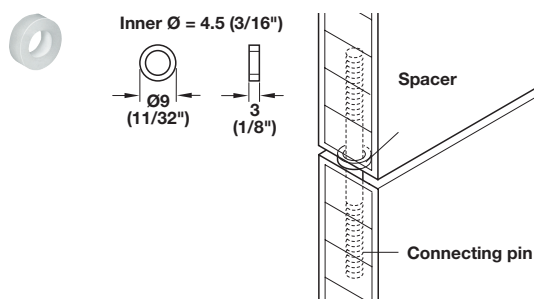
→ Connecting Pin



- > Drilled-in
- > Material: Steel, chromated

Item No.
267.23.900

→ Spacer

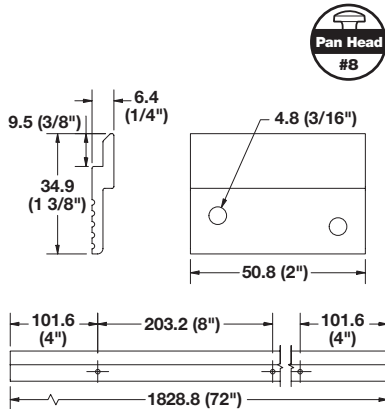


- > Creates gap between door and stacked panel
- > Material: Plastic, opaque

Item No.
267.23.093

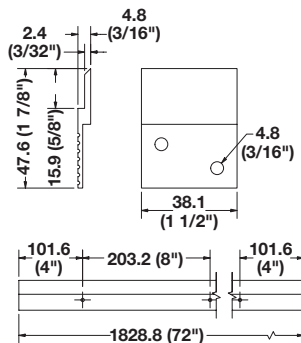
Z Clips

- > An easy and economical solution for wall panel installation:
 - Mount clips on the back side of the wall panel
 - Mount rails horizontally on wall surface and fasten at stud locations
 - Hang panel on wall rail
- > Interlocking profile of clips and rails provide a secure connection
- > Mounted fittings are concealed
- > Offered in either 3/8" or 5/8" lift-off profile
- > Mount with #8 pan head screws



- > 3/8" lift-off
- > Screw mounted
- > W x H: 35 x 6 mm (1 3/8" x 1/4")
- > Material: Aluminum, mill finish

Length	Without holes	With holes	With holes 8" on center
50.8 (2")	-	290.11.060	-
1,828.8 (72")	290.11.050	-	290.11.054
3,657 (144")	290.11.051	-	290.11.055



- > 5/8" lift-off
- > Screw mounted
- > W x H: 35 x 4 mm (1 7/8" x 5/32")
- > Material: Aluminum, mill finish

Length	Without holes	With holes	With holes 8" on center
38 (1 1/2")	-	290.11.061	-
1,828.8 (72")	290.11.052	-	290.11.056
3,657 (144")	290.11.053	-	290.11.057

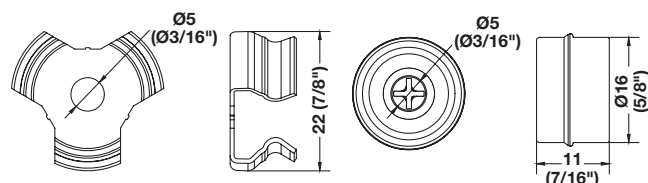
Zero-Lift Hanging Solutions

- > Snap-fit systems for fast installation on existing surface
- > Zero lift off for removal

→ Snap-In Panel Clip



- > Two-piece system for secure connection
- > Flush or surface mounted
- > Can be fastened to various substrates
- > Spacing: min. 305 mm (12"); max. 610 mm (24")
- > Material: 316 Stainless Steel



Item No.

262.26.510

→ Snap-Fit Panel Rails

290.11.000
290.11.001

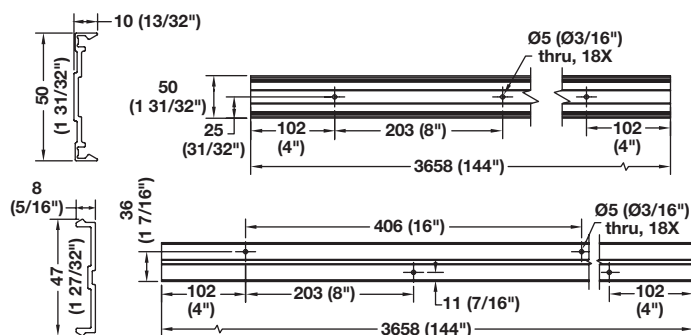


- > Allows 9 mm (11/32") projection from surface
- > Rails and clips join together for secure connections
- > Install a wide variety of interior panels
- > Material: 6063-T6 Aluminum

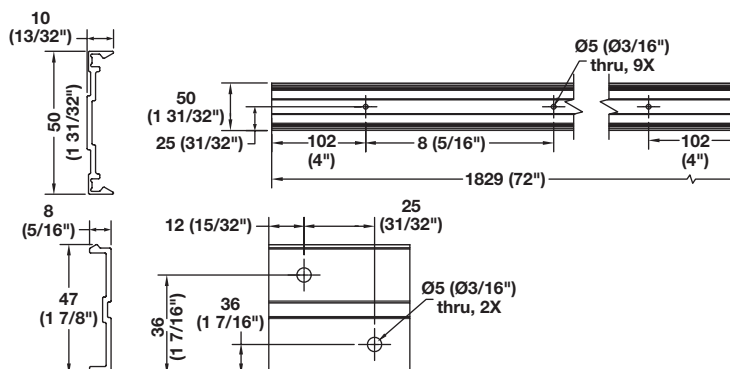
Version	Length	Item No.
heavyweight	1,829 (72")	290.11.000
heavyweight	3,658 (144")	290.11.001
lightweight (w/6 clips)	1,829 (72")	290.11.002
lightweight (w/12 clips)	3,658 (144")	290.11.003

Note

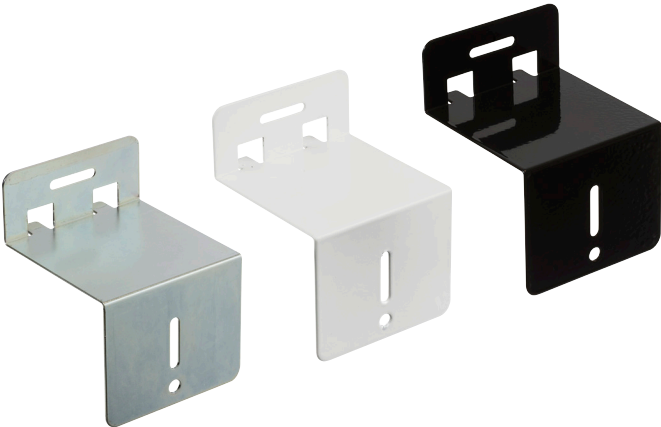
Heavyweight kits include: (1) wall rail; (1) panel rail
Lightweight kits include: (1) wall rail; (6) or (12) 50 mm (1 31/32") clips



290.11.002
290.11.003



Toe Kick Brackets

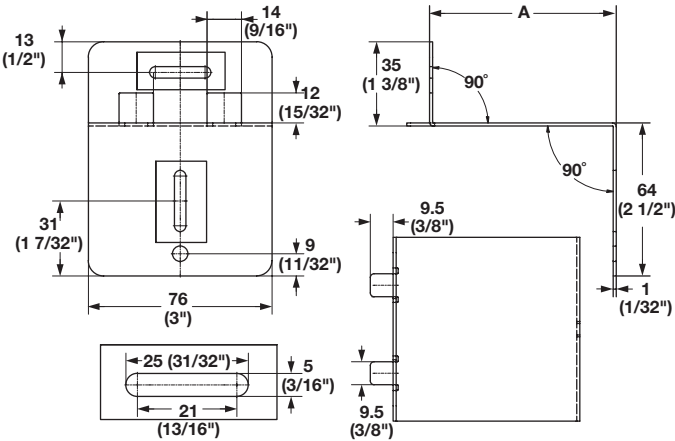


- > Connects door to toe kick panel
- > Designed for ADA cabinet applications
- > Creates total accessibility of under counter space
- > Allows for concealed storage of roll-away carts or equipment
- > Slotted holes for adjustment
- > Tabs for consistent alignment to bottom of door
- > Material: Steel, 18 gauge

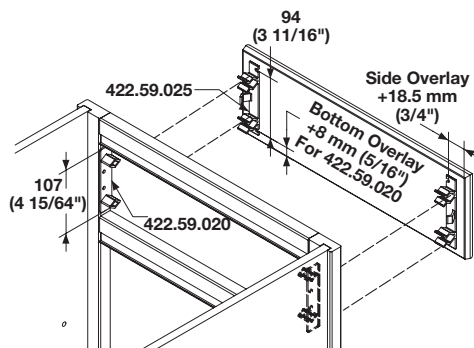
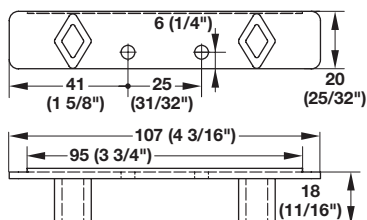
A	Finish	Item No.	Packing
76 (3")	zinc-plated	260.25.050	1 set
76 (3")	white	260.25.054	1 set
76 (3")	black	260.25.058	1 set
76 (3")	white	260.25.056	25 sets
76 (3")	black	260.25.060	25 sets
102 (4")	white	260.25.055	1 set
102 (4")	black	260.25.059	10 sets

Supplied With
Mounting screws

Note
1 set = 4 brackets, 12 screws



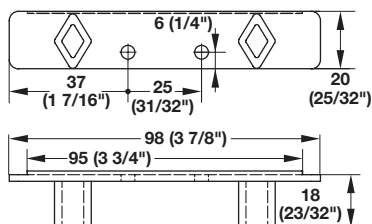
False Front Connectors



- > Bottom overlay: + 8 mm (5/16")
- > Material: Plastic

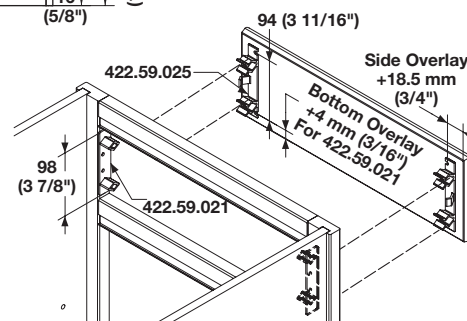
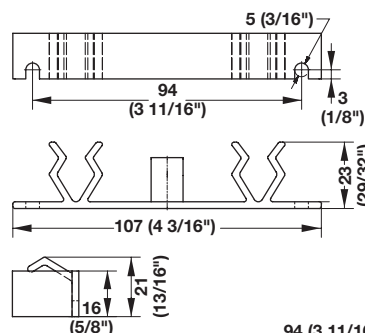
Color	Item No.
white	422.59.020

- > Secure, removable connection
- > Allows for quick, easy access



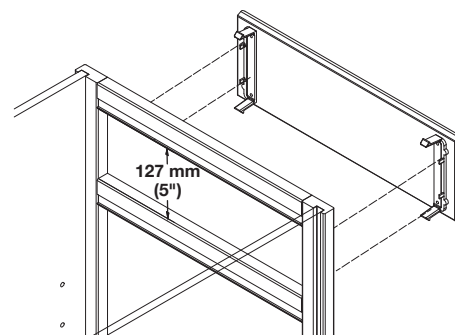
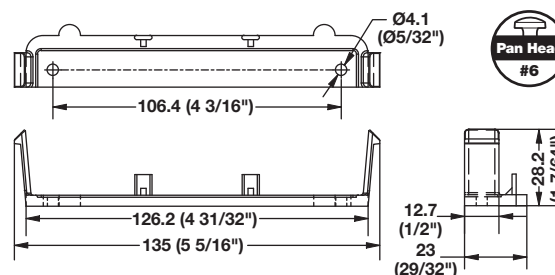
- > Bottom overlay: + 4 mm (5/32")
- > Material: Plastic

Color	Item No.
white	422.59.021



> Material: Plastic

Color	Item No.
white	422.59.025

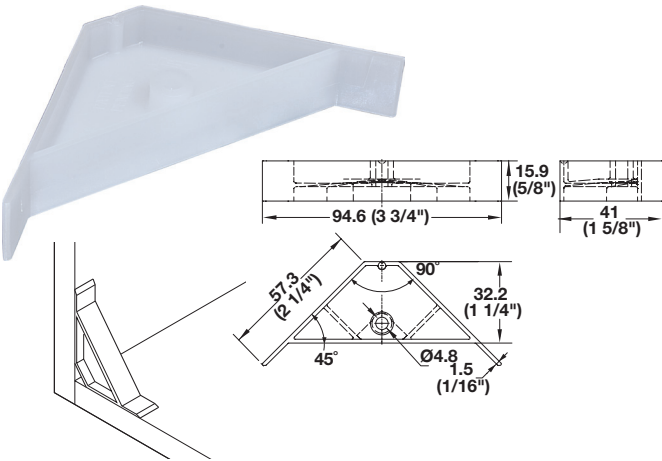


> Material: Plastic

Color	Item No.
white	422.59.028

Connectors and Shelf Supports

Corner Braces



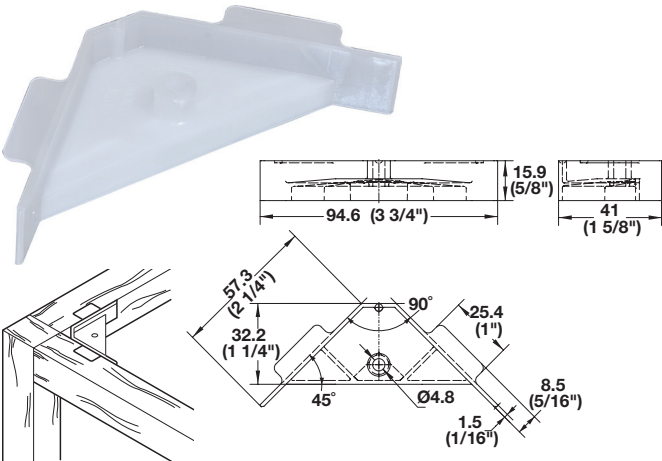
- > Without reference tabs
- > Provides stability to 90° corners
- > Fastens with staples
- > Boss hole for mounting countertops
- > Material: Plastic/Polyethylene

Color

white translucent

Item No.

260.44.410



- > With reference tabs on two sides
- > Fastens with staples and glues with one hole
- > For any 90° corner, mainly used on kitchen base cabinets
- > Material: Plastic/Polyethylene

Color

white translucent

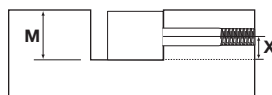
Item No.

260.44.411

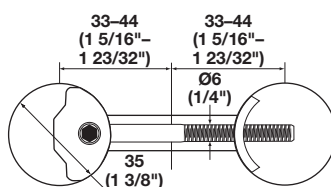
Zipbolt



- > Zipbolt connectors are ideal for use in countertops, staircase assembly, furniture construction, millwork joinery, and more
- > Additional Zipbolts are available by request
- > Material: Steel; Housing: Zinc



→ 10.500 Draw Bolt – UT



- > (X) Shaft center: 10 mm (13/32")
- > (M) Bore depth: min. 20 mm (25/32")

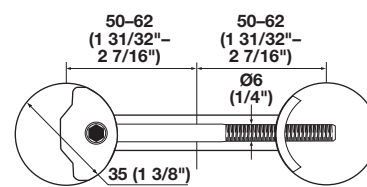
Item No.

262.96.844

Note

Requires 5 mm hex bit.

→ 10.600 Draw Bolt – UT



- > (X) Shaft center: 10 mm (13/32")
- > (M) Bore depth: min. 20 mm (25/32")

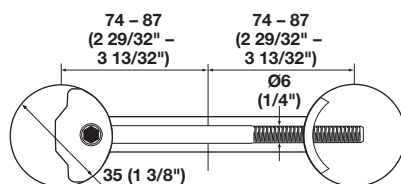
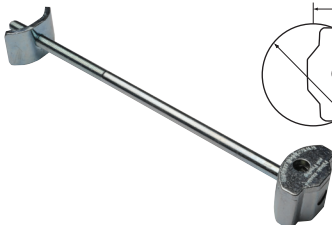
Item No.

262.96.840

Note

Requires 5 mm hex bit.

→ 10.700 Draw Bolt – UT



- > (X) Shaft center: 10 mm (13/32")
- > (M) Bore depth: min. 20 mm (25/32")

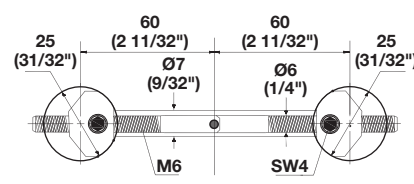
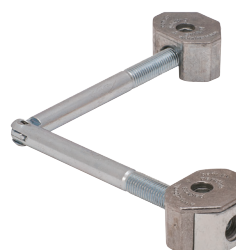
Item No.

262.96.841

Note

Requires 5 mm hex bit.

→ 11.700 Mini Miter – UT



- > (X) Shaft center: 5.5 mm (7/32")
- > (M) Bore depth: min. 12.5 mm (1/2")

Item No.

262.96.853

Note

Requires 5 mm hex bit.

→ Hex Bit



- > Ø x L: 5 x 50 mm (3/16" x 1 31/32")
- > For use with ZIPBOLT – UT
- > Material: Steel

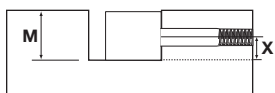
Item No.

006.37.195

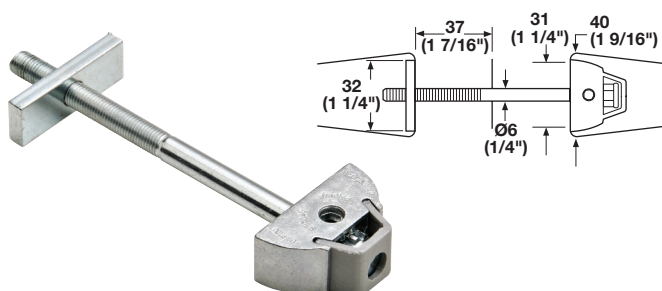
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

Zipbolt



→ 10.900 Zipbolt Dogbone – UT



- > (X) Shaft center: 5.5 mm (7/32")
- > (M) Bore depth: min. 12.5 mm (1/2")
- > Material: Steel; Clamps: Zinc/Plastic

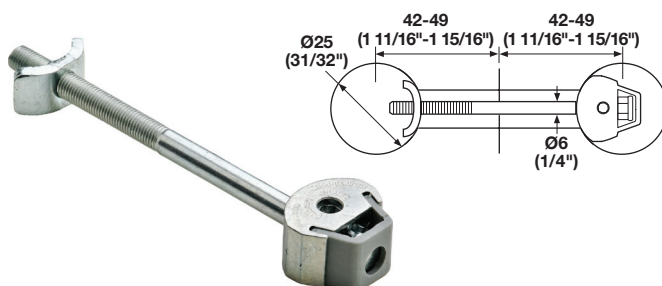
Item No.

262.96.945

Note

Requires 4 mm hex driver.

→ 10.800 Zipbolt Mini – UT



- > (X) Shaft center: 5.5 mm (7/32")
- > (M) Bore depth: min. 12.5 mm (1/2")
- > Material: Steel; Clamps: Zinc/Plastic

Item No.

262.96.946

Note

Requires 4 mm hex driver.

→ Hex Key, 4 mm



- > With hexagon socket head
- > Material: Steel

Color

black

Item No.

008.28.044

→ Hex Socket Bit



- > 4 mm (5/32")
- > Material: Hardened Tool Steel

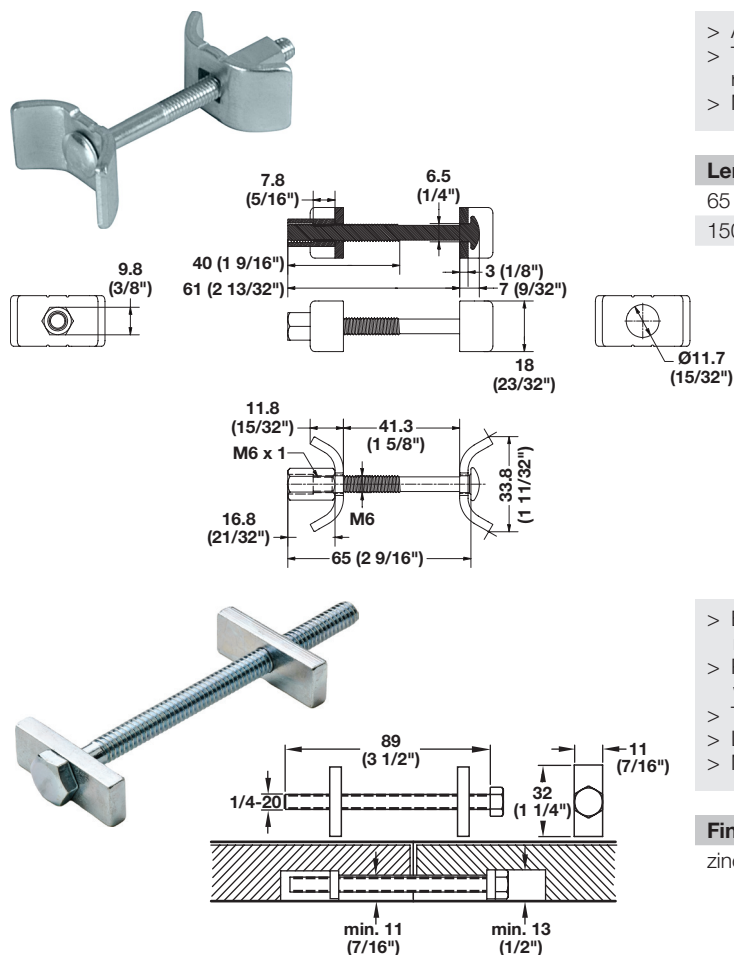
Item No.

006.37.945

Supplied With

10 pcs.

→ Recessed Worktop Connectors



- > Allows worksurfaces to be connected rapidly and securely
- > The semi-circular fastening elements are pressed against the recess walls as tension is applied
- > Material: Steel; Finish: zinc-plated

Length	Drilling distance B	Item No.
65 (2 9/16")	32–41 (1 1/4"–1 5/8")	262.96.200
150 (5 7/8")	75–84 (2 15/16"–3 5/16")	262.96.201

- > Easily installed and quickly assembled for material thickness: min. 16 mm (5/8")
- > Provides even pressure between the surface joint pieces without glue
- > The joint can be disassembled if necessary
- > Length: 89 mm (3 1/2")
- > Material: Steel

Finish	Item No.
zinc-plated	262.93.952

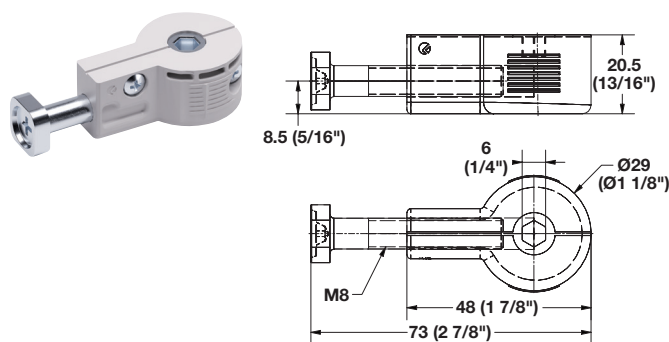
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Worktop Connectors

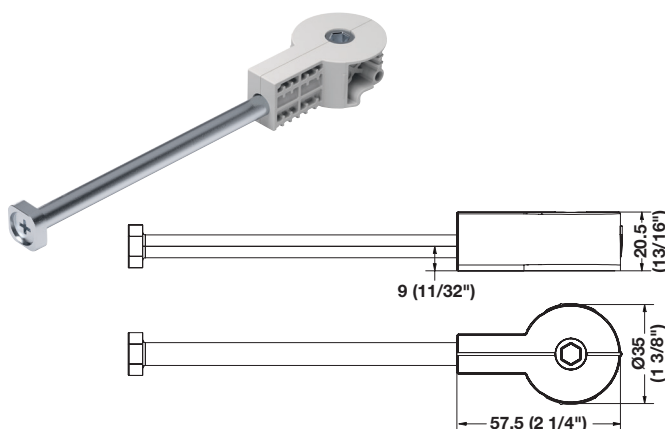


- > For joining two panel surfaces together
- > Two-part assembly includes bolt with tightening mechanism and mating round cap
- > Material thickness: min. 25 mm (31/32")
- > Drilling depth: 21 mm (13/16")
- > Material: Zinc/Steel/Plastic

→ QUICK Ø30 Bolt



→ QUICK TECH Ø35 Bolt



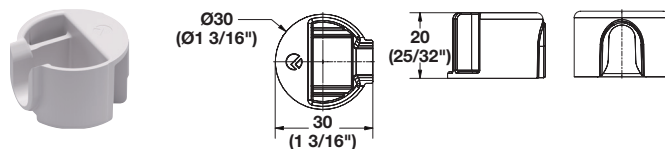
- > Drilling distance: 26–38 mm (1 1/32"–1 1/2")

Item No.
262.96.250

- > Drilling distance: 75–81 mm (2 15/16"–3 3/16")
- > Material: Zinc/Steel/Plastic

Item No.
262.96.231

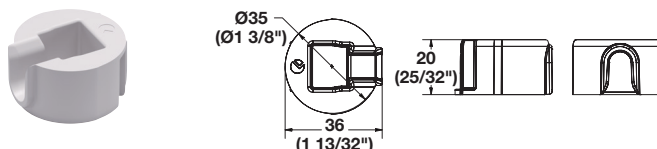
→ QUICK Ø30 Cap



- > Material: Plastic

Item No.
262.96.238

→ QUICK TECH Ø35 Cap



- > Material: Plastic

Item No.
262.96.239

→ Hex Key, 6 mm



- > Material: Steel

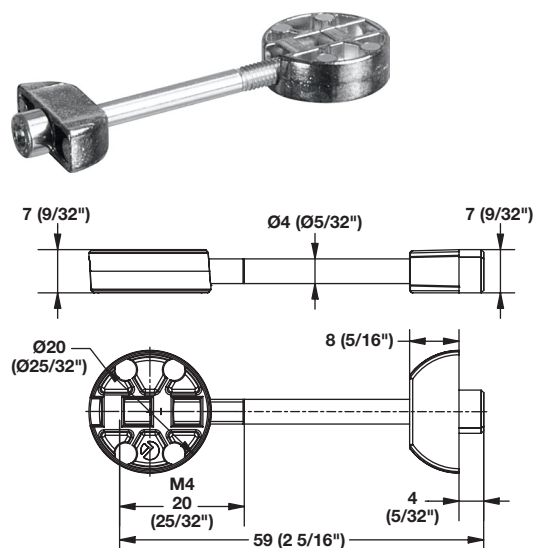
Finish
zinc

Item No.
008.28.260

→ K Top Worktop Connector



- > For joining two panel surfaces together
- > Three-part assembly includes bolt with two mating round caps
- > 3 mm hex key required, order separately below
- > Material thickness: min. 10 mm (13/32")
- > Drilling depth: 7.5 mm (5/16")
- > Material: Zinc/Steel

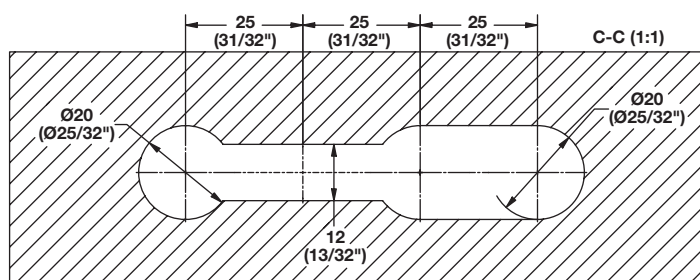


Finish

zinc-plated

Item No.

262.96.260



→ Hex Key, straight



- > 3 mm (1/8")
- > Material: Steel

Finish

black

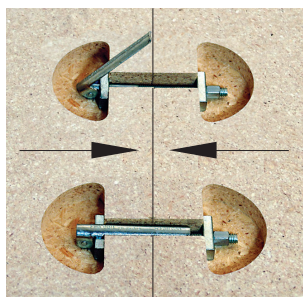
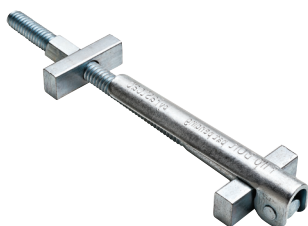
Item No.

008.28.035

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

→ Flipbolt

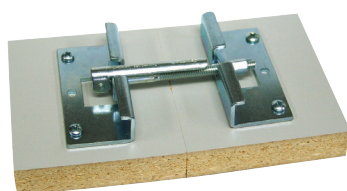
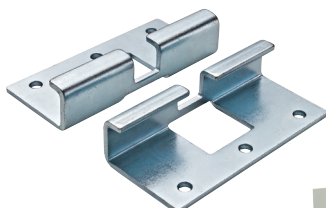


- > Additional tools are not needed
- > Fast and easy to use
- > Material: Steel

Item No.

262.99.000

→ J-Hook



- > Use to surface mount the flipbolt
- > Material: Steel

Item No.

262.99.020

Supplied With
2 J-hooks

→ Flipbolt Template



- > Material: Plastic

Item No.

262.99.001

Häfele Pacofix

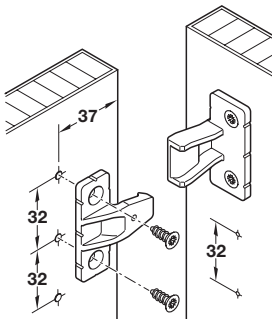
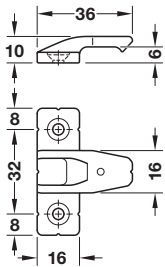


ixconnect

- > For fastening panels to frames
- > Temperature range: -100°C – +135°C (-148°F – +275°F)
- > Do not treat with chemical solutions or aggressive greases
- > Do not adjust by hammering
- > Not for suspended loads such as ceiling panels
- > Material: Plastic

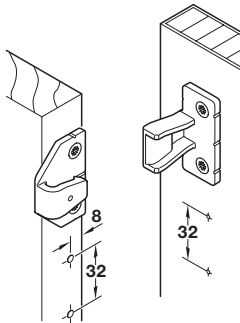
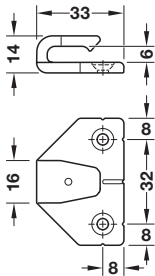


→ PF-L Frame Components



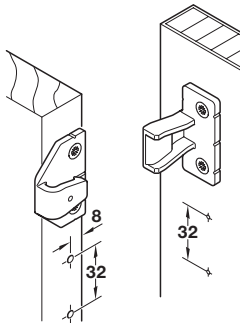
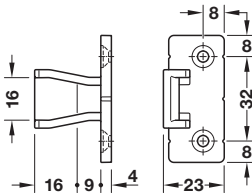
Mounting screws	white	black
wood	262.50.740	262.50.368
Varianta	-	262.50.377

→ PF-L-R Frame Components



> Color: black	
Mounting screws	Item No.
wood	262.50.390
Varianta	262.50.391

→ PF Panel Components



Mounting screws	white	black
wood	262.50.730	262.50.359
Varianta	-	262.50.358

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Varianta screws	page 13.16
Flat head wood screws	page 13.13

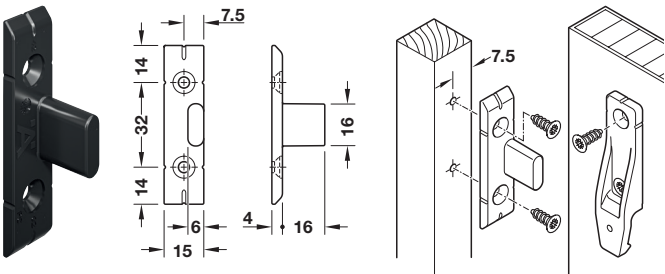
Häfele Pacofix



ixconnect

- > For fastening panels to frames
- > Temperature range: -100°C – +135°C (-148°F – +275°F)
- > Material: Plastic

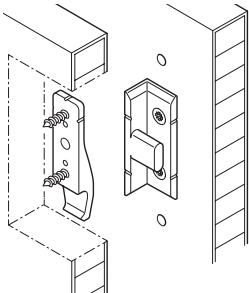
→ SF Frame Components



- > Color: black

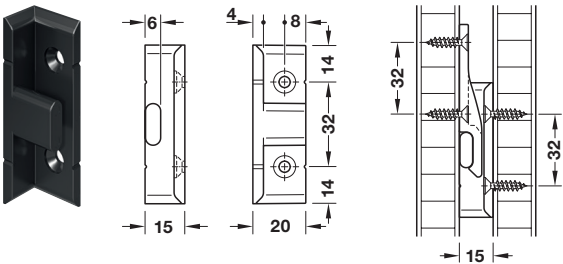
Mounting screws	Item No.
wood	262.49.365
Varianta	262.49.366

DF Double partition fittings



- > For construction of cavity-type doors
- > Double partitions on cabinet sides
- > Connecting frame elements
- > Linking elements
- > Installing lightweight partitions
- > Mounting wall elements (booth construction)

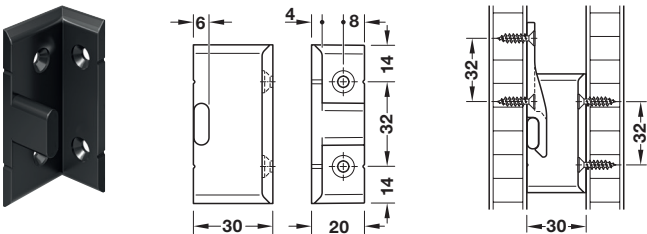
→ DF 15 Angled Component



- > Panel distance: 15 mm
- > Mounting screws: wood

Color	Item No.
black	262.51.380

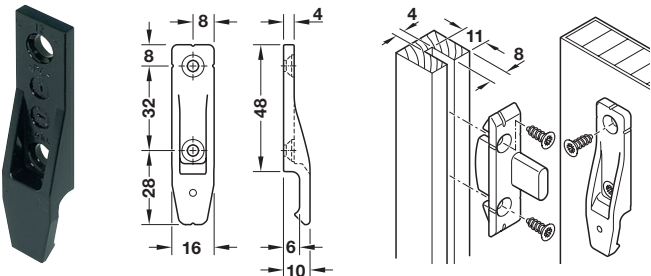
→ DF 30 Angled Component



- > Panel distance: 30 mm
- > Mounting screws: Varianta

Color	Item No.
black	262.51.391

→ SF/DF-L Panel Components



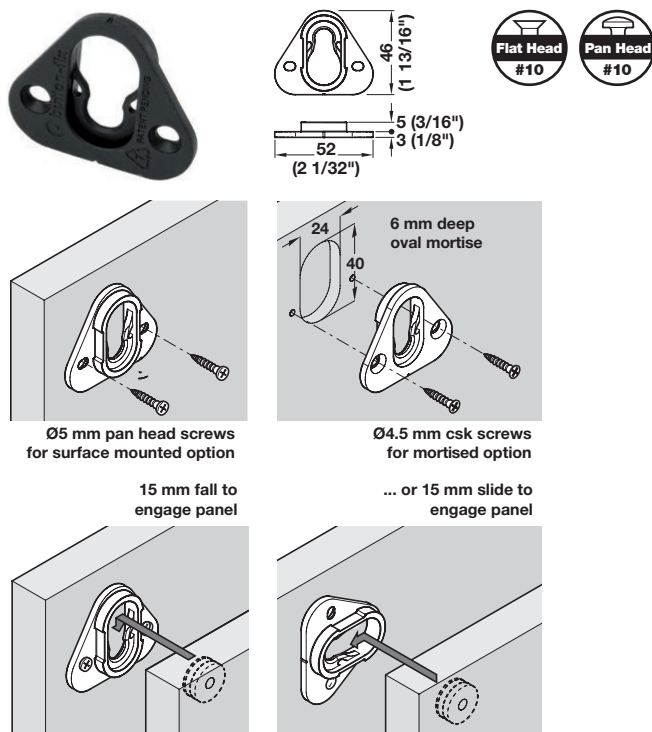
- > Color: black

Mounting screws	Item No.
wood	262.49.356
Varianta	262.49.357

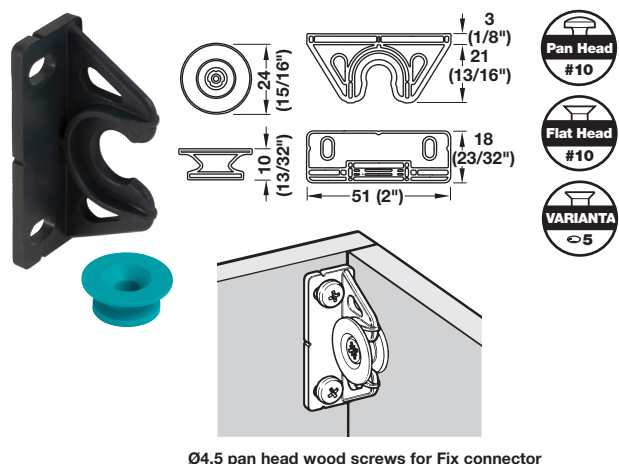
Varianta screws	page 13.16
Flat head wood screws	page 13.13

Button-fix™

→ Type 1 Fix



→ Type 2 Fix



- > For 90° panels
- > Connects panels at 90° with a simple push/pull fit; ideal for applications where the emphasis is on ease of fit as opposed to strength
- > Does not require a 15 mm drop down engagement
- > Material: Nylon

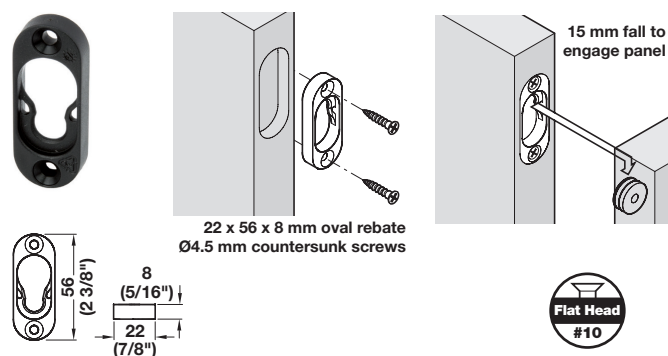
Color

black

Item No.

262.94.024

→ Type 1 Flush Fix



- > For parallel panels
- > For applications where panel to panel contact is required and fits a simple oval mortise
- > Can be mortised into the edge of a panel with min. 28 mm thickness, in particular hollow core panels or the face of a panel with min. 18 mm thickness
- > Allows you to fit panels together without a gap
- > For panels with min. 18 mm thickness, we recommend euro screws for fixing into panels 18–22 mm
- > Suitable for discrete fixing of drawer fronts or connecting work surfaces to panels, exhibition stands, and peg rails
- > Material: Nylon, Glass Filled

Color

black

Item No.

262.94.014

Note

Button must be ordered separately. Optional button marker tool, see page 12.91.

- > For parallel panels
- > Connects parallel panels and is ideal for applications where strength and security are crucial
- > Engage the buttons in the connector and slide the panel down by 15 mm until Button-fix™ goes 'click'
- > When surface mounted an 8 mm gap is created between the two attaching panels
- > Alternatively, you can mortise connector to reduce the gap between the two attaching panels to only 3 mm
- > Screw mounted
- > Material: Nylon, Glass Filled

Color

black

Item No.

262.94.000

Note

Button must be ordered separately. Optional button marker tool, see page 12.91.

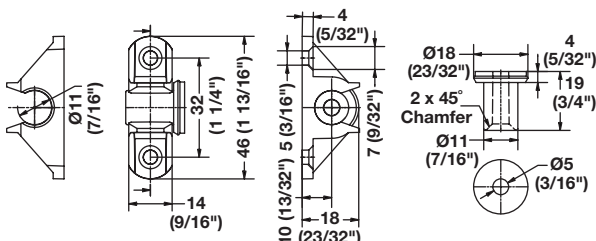
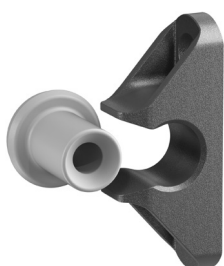
Varianta screws	page 13.16
Flat head screws	pages 13.7–13.8, 13.10, 13.13
Pan head screws	pages 13.9–13.10

Button-fix™



- > 90° connection to a frame or cabinet
- > For use in angled or horizontal applications
- > Compact installation depth allows the Button to be fitted to the edge of an aperture in an 18 mm (23/32") panel
- > Ideal for service access panels

→ Panel Connector, Type 2 COMPACT



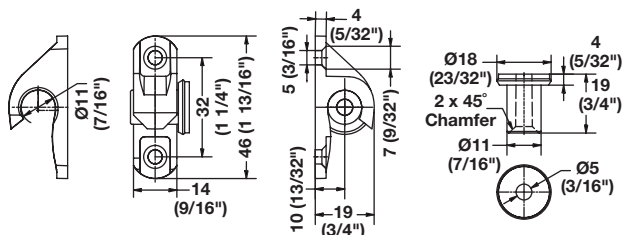
Push-on Assembly

- > Material: Acetal/Nylon PA6, 30% Glass Filled

Color	Item No.
black/gray	262.94.062

Supplied With

1 Push-on Fix
1 Button



Drop-down Assembly

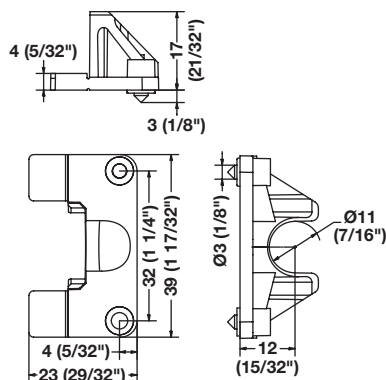
- > Material: Nylon PA6, 30% Glass Filled

Color	Item No.
black/gray	262.94.060

Supplied With

1 Drop-down Fix
1 Button

→ Panel Connector Marker for Type 2 COMPACT



- > Installation tool for Type 2 COMPACT Push-on and Drop-down Fixes
- > Aligns the Button with the correct backset and marks the position of the Fix on the removable panel
- > Material: Nylon PA6

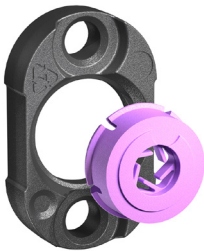
Color	Item No.
red	262.94.065

Supplied With

1 Reusable marker

Button-fix™

→ Panel Connector, Type 3 Flush



- > Fully recessed or surface-mounted, push & click
- > The recommended choice to connect panels face-to-face without a gap
- > Simple push-on engagement
- > Panel thickness when fully recessed: min. 18 mm (23/32")
- > Material: Fix: Plastic PBT; Button: Acetal

Color

black/purple

Item No.

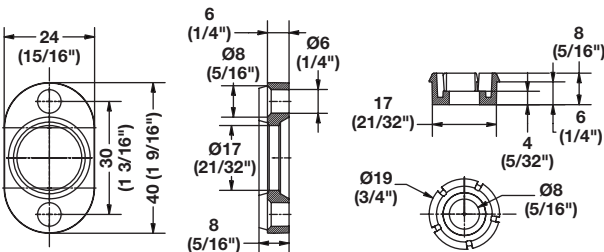
262.94.051

Supplied With

- 1 Fix
- 1 Button

Note

Optional button marker tool, see page 12.91.



→ Type 3 Bonded Plate



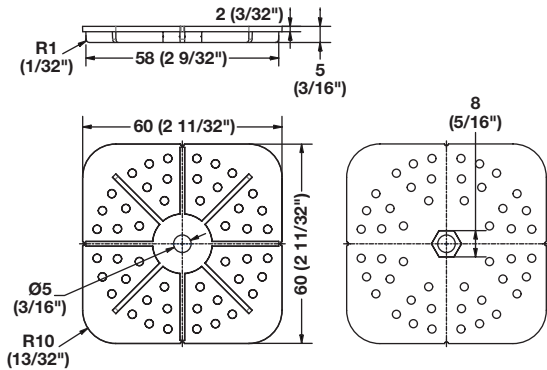
- > For fitting panels where screw mounting is not possible
- > Allows Type 3 Buttons to be attached to thin panels
- > Material: Plastic ABS

Color

black

Item No.

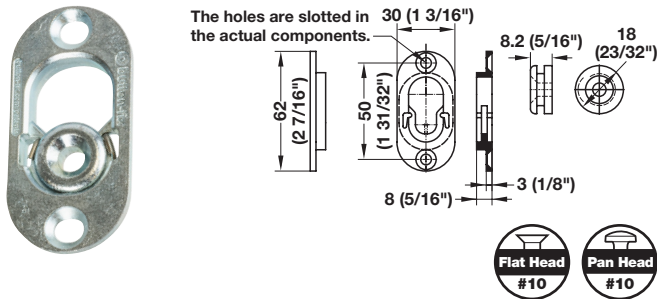
262.94.052



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Button-fix™

→ Type 1 Metal Fix



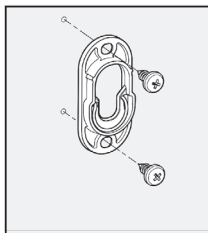
- > Connects parallel panels and is ideal for applications where strength and security are critical
- > Engage the buttons in the connector and slide the panel down by 15 mm until Button-fix goes 'click'
- > When surface mounted an 8 mm gap is created between the two attaching panels
- > Alternatively, you can mortise connector to reduce the gap between the two attaching panels to only 3 mm (1/8")
- > Screw mounted
- > Ideal for use with fire-retardant materials
- > Material: Zinc

Finish

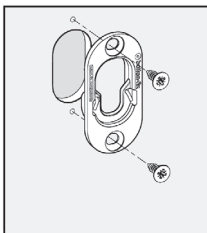
zinc-plated

Item No.

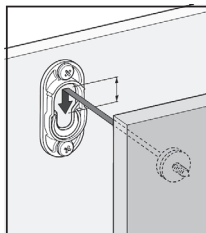
262.94.019



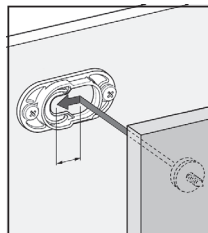
Ø5 mm pan head wood screws for surface mounted option



28 x 40 x 6 mm oval rebate
Ø5 mm CSK wood screws for rebated option

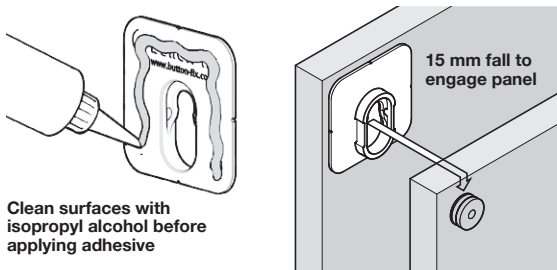
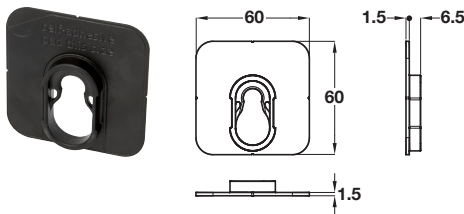


15 mm fall to engage panel...



...or 15 mm slide to engage panel

→ Type I Bonded Fix



Clean surfaces with isopropyl alcohol before applying adhesive

15 mm fall to engage panel

- > For fitting parallel panels where screw mounting is not possible
- > Suitable for decorative wall cladding using solid surface materials, compact laminate sheets less than 12 mm thick, honeycomb core panels, metal panels, glass panels, etc.
- > Button-fix™ Type 1 Bonded Fix may be mortised for added strength
- > Material: ABS

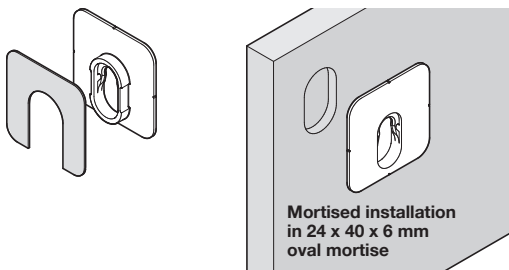
Item No.

262.94.012

Note

Button and self-adhesive Fix Pad must be ordered separately below.

→ Self-adhesive Fix-pad



Mortised installation in 24 x 40 x 6 mm oval mortise

- > For use with Button-fix™ Type 1 Bonded Fix when mortised
- > Ideal when installation time is limited
- > Material: PE foam with Acrylic adhesive

Item No.

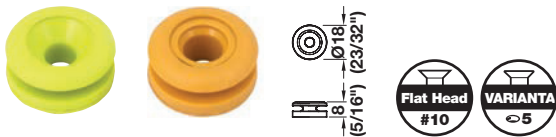
262.94.016

Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Button-fix™

→ Buttons



- > For use in conjunction with Type I fixes only, with the exception of Type I metal fix
- > Material: Plastic

Color	Mounting	Item No.
green	countersunk wood screw	262.94.030
orange	euro screw	262.94.031

Note
Order screws separately.

→ Fix Marker Tool



- > For use in conjunction with Button-fix™ type 2
- > Quickly and accurately align the Button-fix™ installation without measuring
- > The marker will leave indents in the mating panel surface which can be used as a guide
- > L x W: 50 x 25 mm (1 31/32" x 31/32")
- > Material: Nylon; Marker points: Stainless Steel

Color	Item No.
red	002.84.751

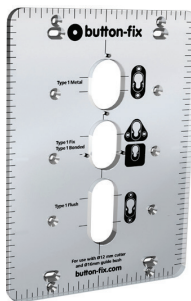
→ Button Marker Tool



- > For use in conjunction with Button-fix™ Type 1 Fix, Flush Fix, and Type 3 Fix
- > Quickly and accurately align the Button-fix™ installation without measuring
- > The marker will leave indents in the mating panel surface which can be used as a guide
- > Ø: 18 mm (23/32")
- > Material: Nylon; Marker point: Stainless Steel

Color	Item No.
red	002.84.750

→ Multi Jig



- > Designed to help mortise Button-fix™ Type 1, Type 1 Bonded, and Type 1 Flush Fix
- > For use with a metric 12 mm (15/32") cutter and 30 mm (1 3/16") guide brush
- > Material: Plastic

Item No.
002.84.752

Supplied With

Magnetic steel plate – creates an oval mortise for Type 1 and Type 1 Bonded fixes – square plates can be oriented vertically or horizontally in the frame.

Magnetic steel plate – creates an oval mortise for Type 1 Flush Fix; square plates can be oriented vertically or horizontally in the frame.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Varianta screws	page 13.16
Flat head screws	pages 13.7-13.8, 13.10, 13.13

Button-fix™

→ Type 3 Fix



- > For easily removable panels
- > Simple, push-on connection
- > Parallel panel mounting with a 3 mm or 8 mm gap
- > Ideal for wall, ceiling, and acoustic panels
- > Material: Button: Acetal; Fix: PBT

Color

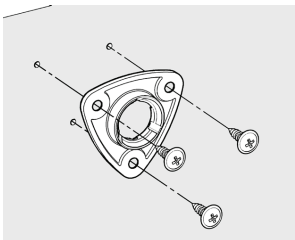
black

Item No.

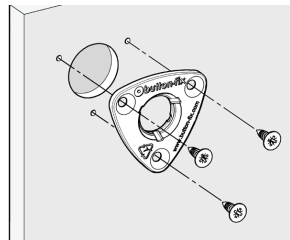
262.94.050

Note

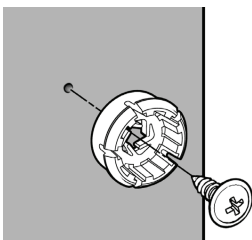
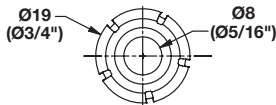
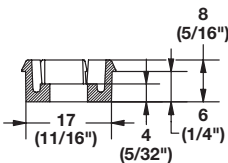
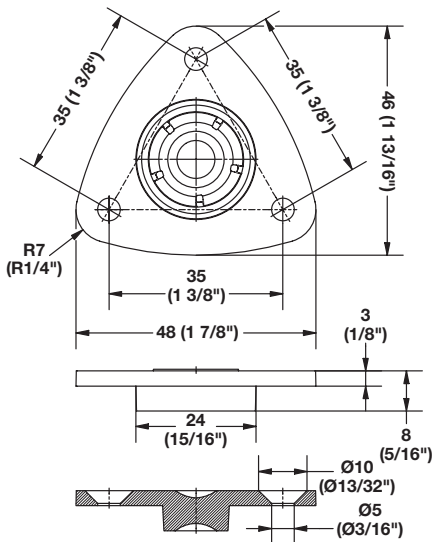
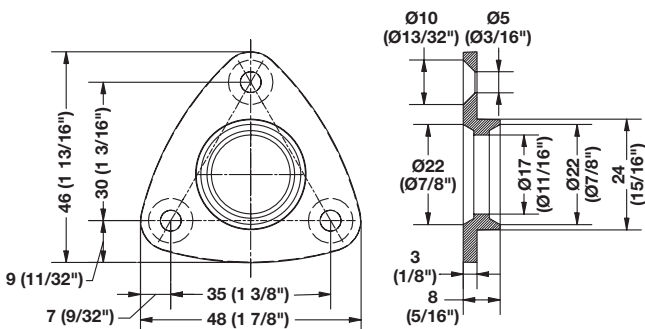
Optional button marker tool, see page 12.91.



#8 x 0.5" round washer head screws



#8 or #9 flat head wood screws



#8 or #10 x 0.5" round washer head screw

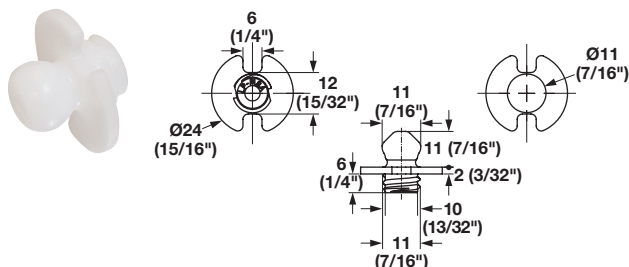
Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Fastmount® Mounting System

- > No visible fittings
- > Self-aligning installation
- > Perfect alignment and secure mounting
- > Remove and refit panels multiple times
- > Allows for panel flex and expansion
- > Suitable for a variety of materials
- > Self-tapping fittings for thinner materials

→ Low Profile, male



- > Mounts into drilled hole Ø: 10 mm
- > Pull-out weight capacity per clip: 5 kg+
- > Material: Plastic

Color

white

Item No.

267.20.718

→ Installation Tool, for female fitting



- > Use to install Fastmount self-tapping female fitting
- > Material: Aluminum

Finish

black

Item No.

267.20.027

→ Installation Tool, for male fitting



- > Use to install Fastmount self-tapping male fitting
- > Material: Aluminum

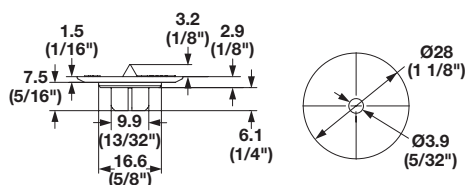
Finish

black

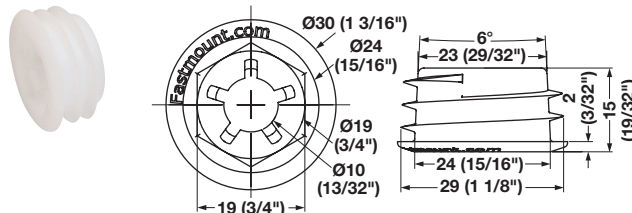
Item No.

267.20.029

→ Installation Tool, for male fitting



→ Low Profile, female



- > Mounts into drilled hole Ø: 25 mm
- > Pull-out weight capacity per clip: 5 kg+
- > Material: Plastic

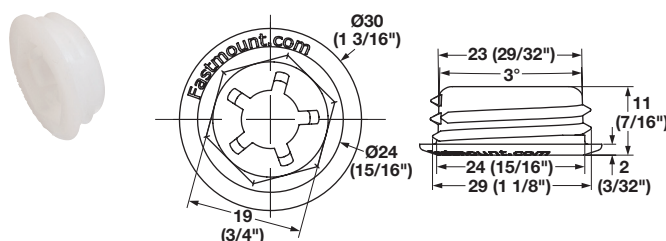
Color

white

Item No.

267.20.721

→ Low Profile, female



- > Mounts into drilled hole Ø: 25 mm
- > Pull-out weight capacity per clip: 5 kg+
- > Material: Plastic

Color

white

Item No.

267.20.719

- > Use to mark drilling location for Fastmount male fitting
- > Material: Plastic; Center Point: Stainless Steel

Color

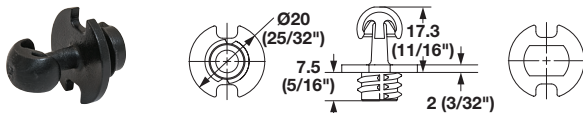
red

Item No.

267.20.943

Fastmount® Mounting System

→ Standard Profile, heavy-duty, male



- > Mounts into drilled hole Ø: 10 mm (13/32'')
- > Pull-out weight capacity per clip: 10 kg+
- > Material: Plastic

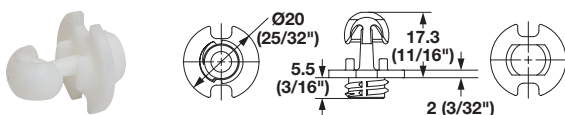
Color

black

Item No.

267.20.313

→ Standard Profile, male



- > Mounts into drilled hole Ø: 10 mm (13/32'')
- > Pull-out weight capacity per clip: 5 kg+
- > Material: Plastic

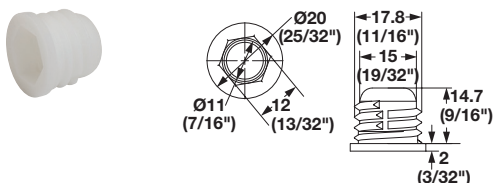
Color

white

Item No.

267.20.710

→ Standard Profile, female



- > Mounts into drilled hole Ø: 16.8 mm (21/32'')
- > Pull-out weight capacity per clip: 5 kg+
- > Material: Plastic

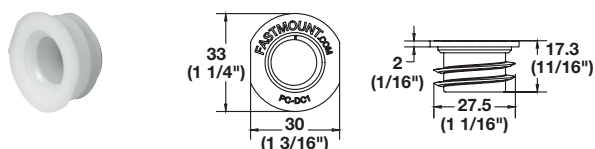
Color

white

Item No.

267.20.711

→ Standard Profile, female



- > Mounts into drilled hole Ø: 24–26 mm (15/16'–1 1/32'')
- > Masonry/drywall adapter
- > Use with 267.20.711
- > Material: Plastic

Color

white

Item No.

267.20.722

- > No visible fittings
- > Self-aligning installation
- > Perfect alignment and secure mounting
- > Remove and refit panels multiple times
- > Allows for panel flex and expansion
- > Suitable for a variety of materials
- > Self-tapping fittings

→ Complete Tool Kit

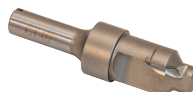


- > For standard profile range

Item No.

267.20.028

→ Drill Bit, for female fitting



- > Use to drill frame
- > Drilling diameter: 16.8 mm
- > Material: Carbide-tipped

Item No.

267.20.032

→ Installation Tool, for male fitting



- > Material: Aluminum

Finish

black

Item No.

267.20.029

→ Installation Tool, for female fitting



- > Material: Aluminum

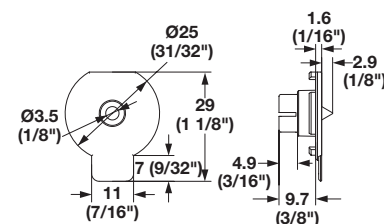
Finish

black

Item No.

267.20.040

→ Installation Tool, for male fitting



- > Use to mark drilling location

Item No.

267.20.941

Fastmount® Mounting System

- > No visible fittings
- > Self-aligning installation
- > Perfect alignment and secure mounting
- > Remove and refit panels multiple times
- > Allows for panel flex and expansion
- > Suitable for a variety of materials
- > Self-tapping fittings for thinner materials
- > For thinner materials
- > Screw or adhesive mounted
- > Material: Plastic

→ Very Low Profile Standard Fittings



- > Pull-out weight capacity per clip: 5 kg

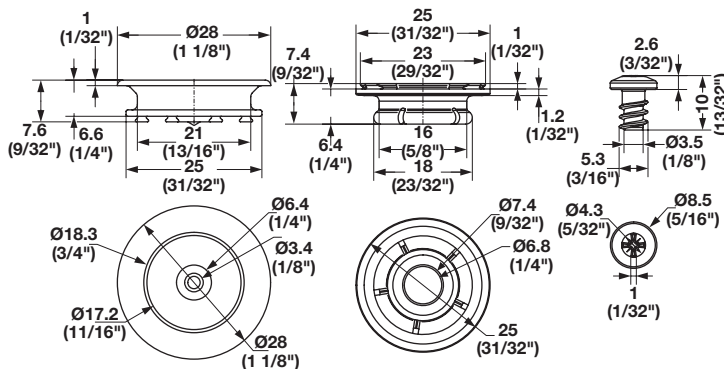
Color	Item No.
gray	267.20.530
Supplied With	
Female fitting	
Male fitting	
Stainless steel mounting screw	

→ Very Low Profile Heavy-Duty Fittings

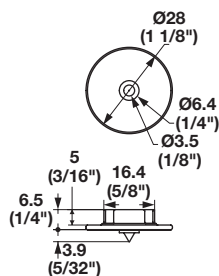


- > Pull-out weight capacity per clip: 10 kg

Color	Item No.
black	267.20.331
Supplied With	
Female fitting	
Male fitting	
Stainless steel mounting screw	



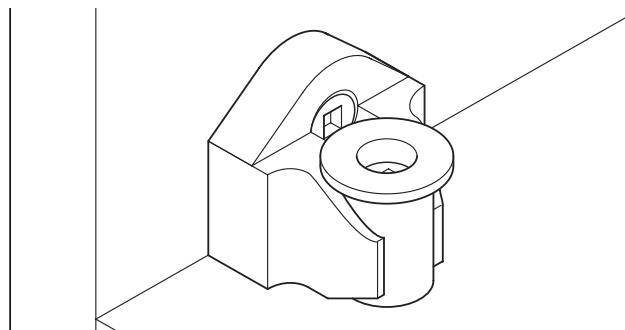
→ Installation Tool, for male fitting



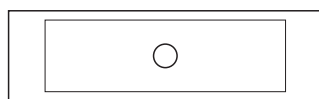
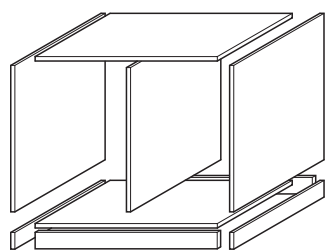
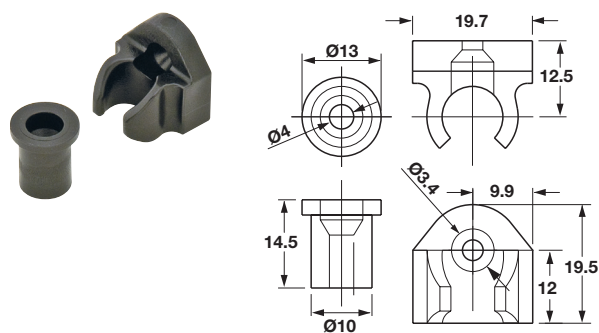
- > Use to mark drilling location
- > Material: Plastic; Center Point: Stainless Steel

Color	Item No.
red	267.20.930

Uni-Connector



- > Only vertical drilling is necessary
- > Constructed of extremely durable material
- > Easy tool-free assembly and disassembly
- > An all-purpose connector for spacers/fillers, access panels, and sink fronts
- > Screws directly into wood or into a pre-drilled Ø5 mm hole
- > Material: Plastic



Note
For false drawer fronts or entire pieces of furniture.

Color

black

Item No.

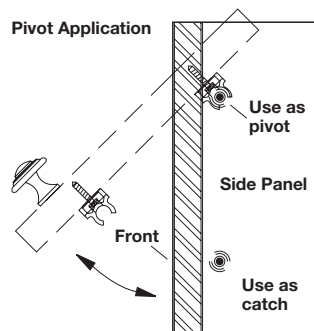
260.15.300

Supplied With

1 Male part
1 Female part

Note

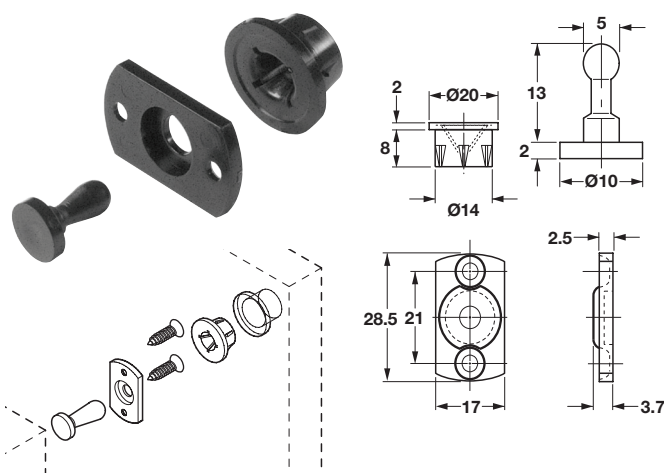
Sleeves, see page 12.12



Note

Also may be used as a pivot.

→ Speaker Connector



- > For tool-free attachment and removal of panels, frames, etc.
- > Pin floats in mounting plate for flexible drilling tolerances
- > Material: Plastic

Color

black

Item No.

260.71.303

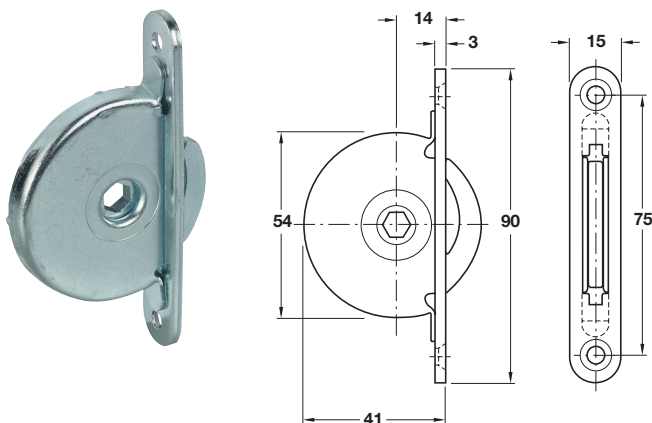


Flat head screws

pages 13.7-13.8, 13.10, 13.13

Giro-bolt

→ Lock



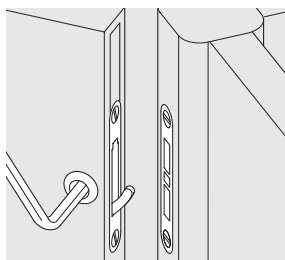
- > With stop
- > Provides quick yet exceptionally strong joints
- > Unlimited applications for any situation requiring a strong, easily releasable joint
- > Material: Steel

Finish

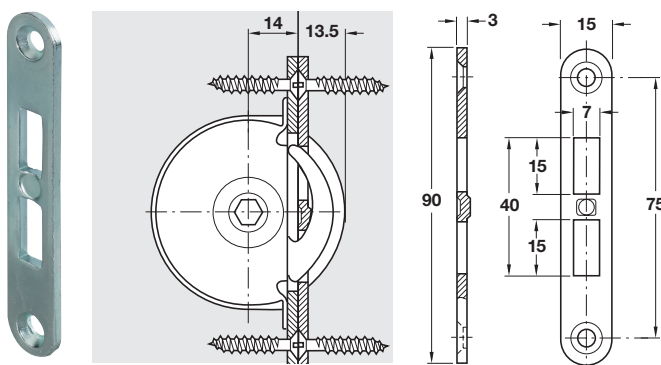
zinc-plated

Item No.

261.05.902



→ Strike Plate



- > For Giro-bolt lock
- > Material: Steel

Finish

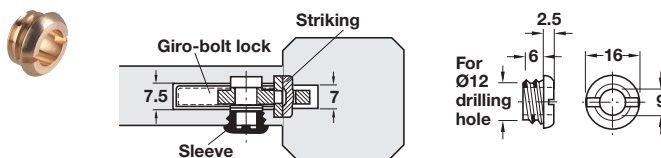
zinc-plated

Item No.

261.05.993



→ Sleeve

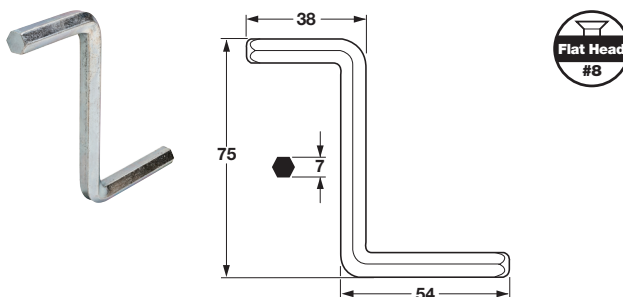


- > For Giro-bolt lock
- > With thread
- > Material: Brass, unfinished

Item No.

261.05.984

→ Hex Key, 7 mm



- > Secures and releases the Giro-bolt lock
- > Material: Steel

Finish

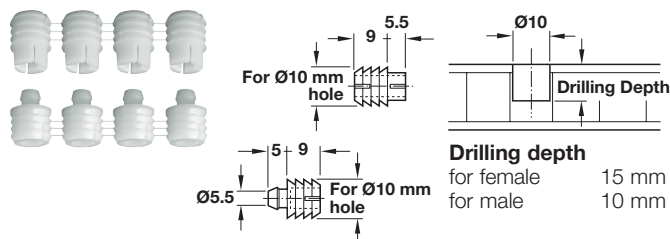
zinc-plated

Item No.

008.28.670



→ Two-Piece Connector



- > Press fit
- > Detachable
- > Material: Nylon

Color

natural

Item No.

267.20.700

Supplied With
1000 pcs.

→ Special Bits



- > For two-piece connector
- > Length: 63 mm (2 1/2")

Version

HSS

carbide-tipped

Item No.

006.47.012

006.47.076

→ Dowel Center Point Marker



- > Marking drilled holes for two-piece dowel connectors and dowels
- > Ø: 10 mm (13/32")
- > Material: Steel, burnished

Item No.

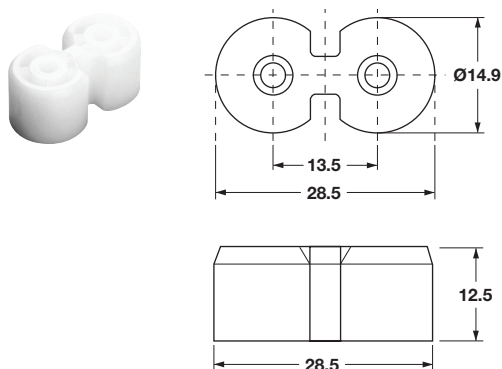
006.47.068

Supplied With
10 pcs.

Installation

Push in dowel center point marker, mark drilling position, remove dowel center point marker.

→ Miter Joint Connector



- > W x H: 28.5 x 12.5 mm (1 3/32" x 1/2")
- > Material: Plastic

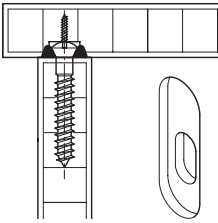
Color

white

Item No.

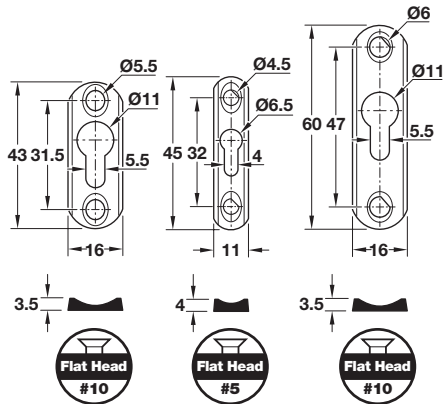
261.98.720

Connecting Brackets



- > Concealed hanger plates
- > Extremely strong and invisible
- > Components can be assembled or disassembled without tools
- > Profiled plates for machined-recess installation
- > For use as RTA fittings for beds or upholstered furniture
- > Also can be inserted into a groove
- > Dimensions of recesses should be taken directly from the fittings

→ Keyhole Plate



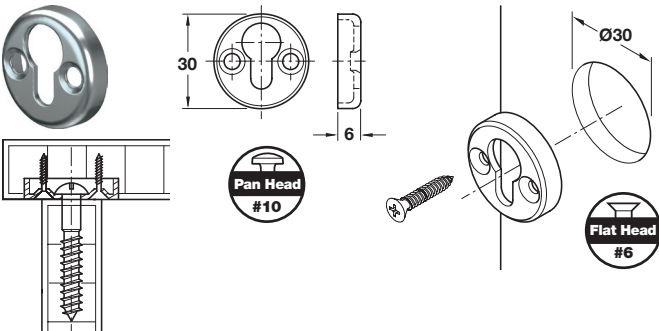
- > Recessed mounted
- > Material: Steel; Finish: zinc-plated

Height	Screw size	Item No.
43	10	273.55.904
45	5	271.53.901
60	10	271.52.903

Order Reference

Please note the different screw diameters for mounting.
The specifications in the product selection refer to screws
for mounting in the raised head plate.

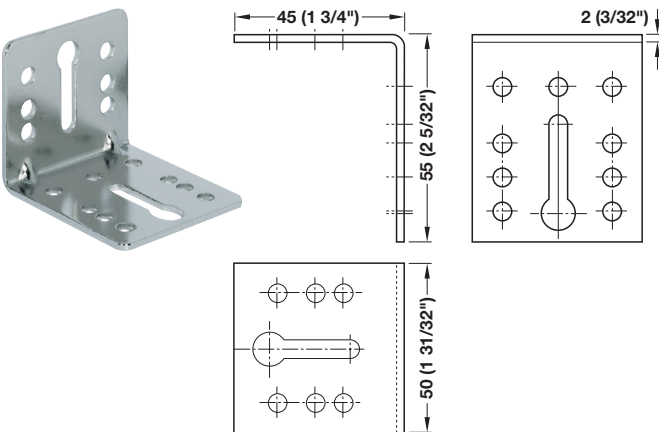
→ Keyhole Fitting



- > Screw mounted in drilled holes
- > Material: Steel, unfinished

Item No.
271.61.307

→ Mounting Plate



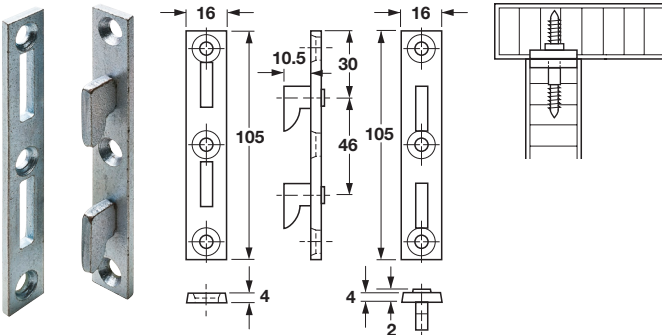
- > Screw mounted with 2 slots and additional screw holes
- > Material: Steel

Finish	Item No.
nickel-plated	558.12.943

Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

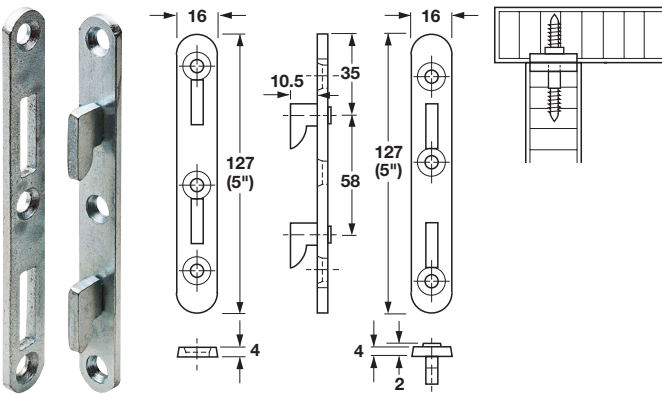
→ Berliner



- > Machined recess installation
- > Material: Steel, unfinished

Item No.
271.33.008

Supplied With
4 Male parts
4 Female parts

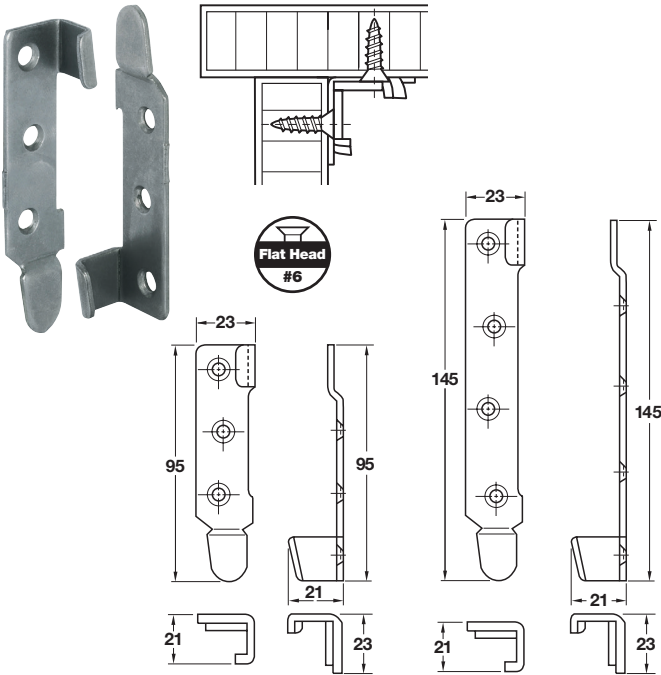


- > Material: Steel, unfinished

Item No.
271.33.090

Supplied With
4 Male parts
4 Female parts

→ Connecting Bracket

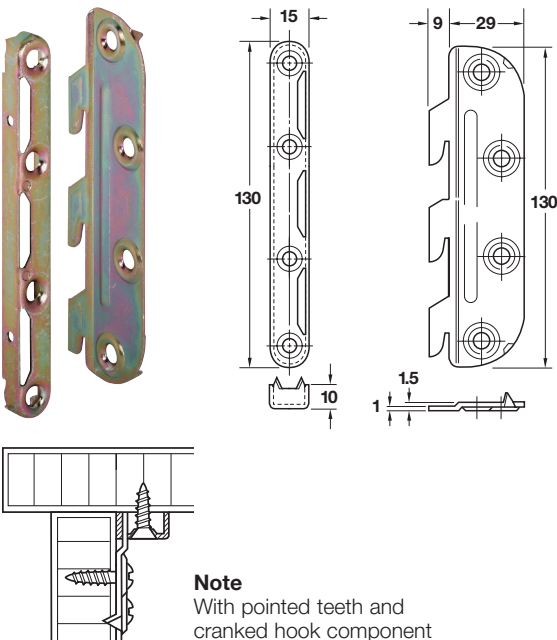


- > Screw mounted
- > Left/right hand
- > Hook-type fastening
- > Sturdy design
- > Material: Steel, galvanized

Length	Item No.
95	271.05.906
145	271.05.915

Supplied With
4 Left/right brackets

→ Noval K



- > Screw mounted
- > Material: Steel

Finish	Item No.
silver chromated	271.03.930

Supplied With
4 Female parts
2 Left/right hooks

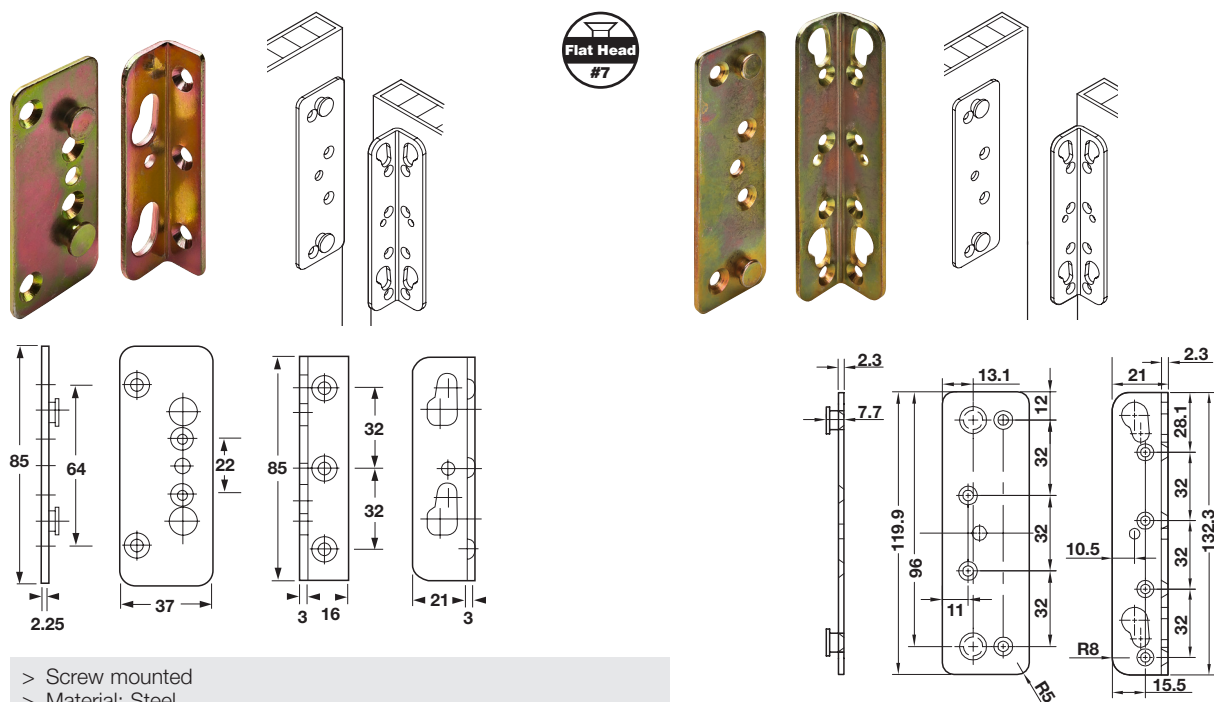
Note
1 set is required to connect 4 corners.

Note
With pointed teeth and
cranked hook component

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head screws pages 13.7-13.8, 13.10, 13.13

→ TOMMO



- > Screw mounted
- > Material: Steel

Finish

yellow galvanized

Item No.

271.09.910

Supplied With

- 2 Left hand brackets
- 2 Right hand brackets
- 4 Plates

- > Screw mounted
- > Material: Steel

Finish

yellow galvanized

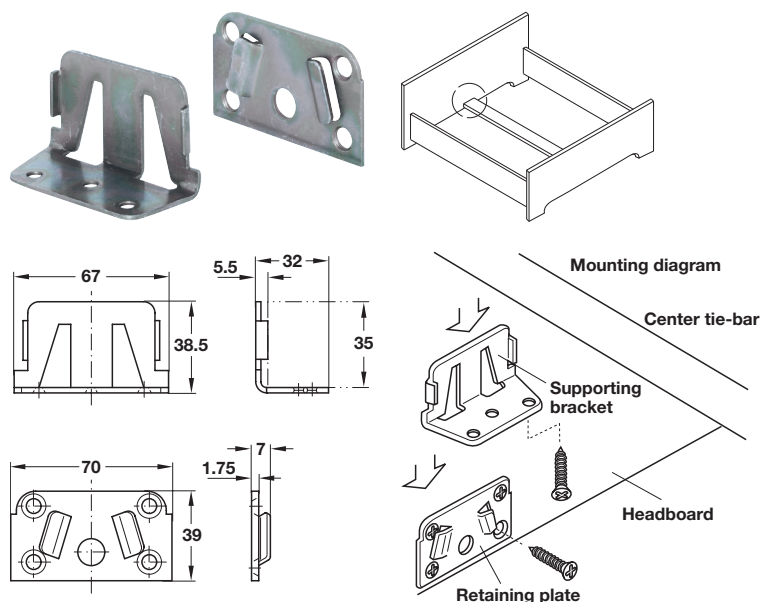
Item No.

271.09.930

Supplied With

- 4 Unhanded brackets
- 4 Plates

→ Double Fitting



- > Screw mounted
- > For beds with a central tie-bar
- > Capable of separation
- > The supporting bracket is screwed to the tie-bar, the retaining plate to the head or foot
- > The bed elements are securely held by the angled retaining flanges
- > Material: Steel, galvanized

Item No.

273.03.515

Supplied With

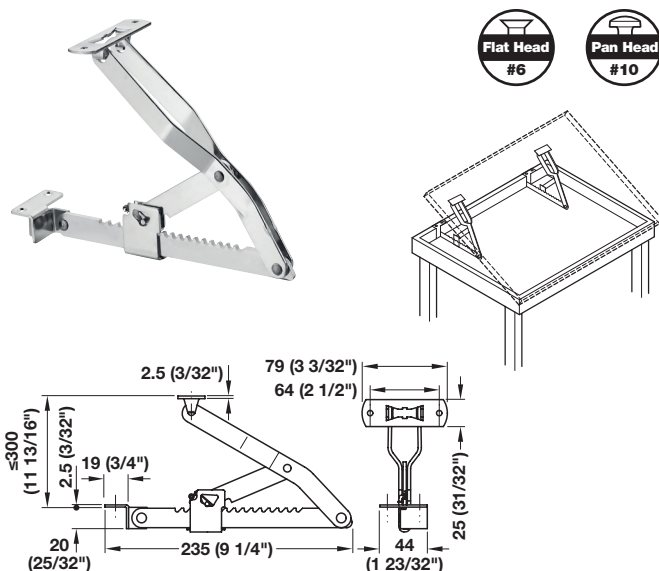
- 1 Male part
- 1 Female part



Flat head screws

pages 13.7-13.8, 13.10, 13.13

→ Scissor Jack Foot Section



- > Raising height: max. 300 mm (11 13/16'') in 18 steps
- > Material: Steel

Finish

blue galvanized

Item No.

274.00.833

Supplied With

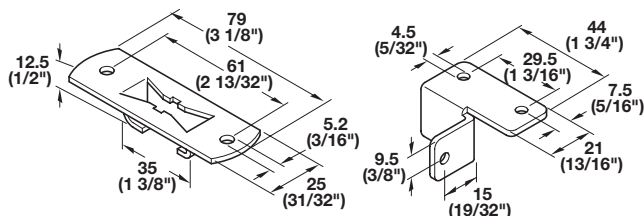
Mounting plates

Upper mounting plate

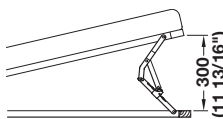
with quick-action catch

Lower mounting plate

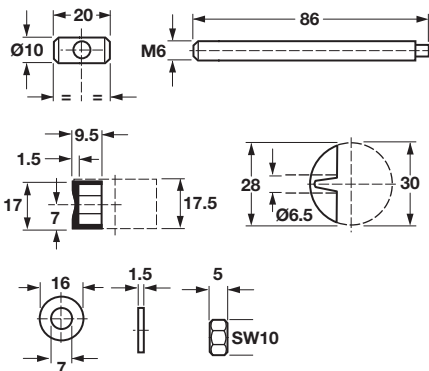
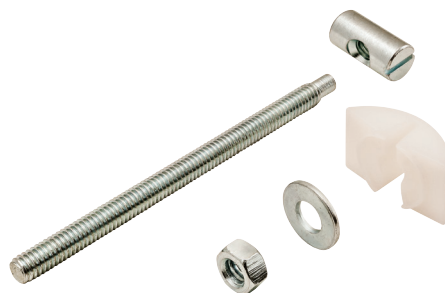
riveted



Lowering is achieved by lifting over the upper end position.



→ Universal Connector



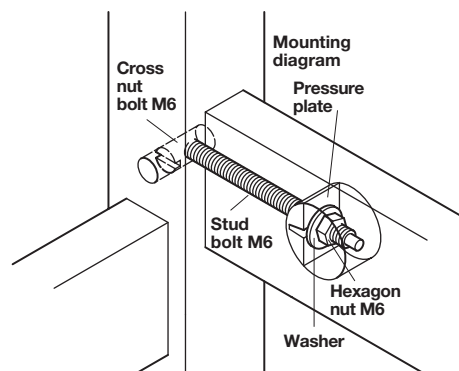
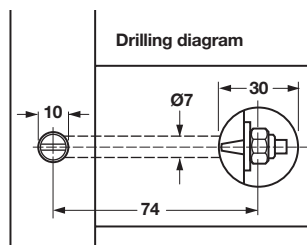
- > Ideal for joining chair, sofa, and furniture frames
- > The nylon pressure plate is forced against the threads of the stud bolt upon tightening, creating a very strong joint which never needs retightening
- > Material: Steel, galvanized; Plate: Nylon; Color: white

Supplied With

- 4 M6 cross-nut bolts, with center thread
- 4 M6 stud bolts
- 4 Pressure plates
- 4 Washers
- 4 M6 hexagon nuts

Item No.

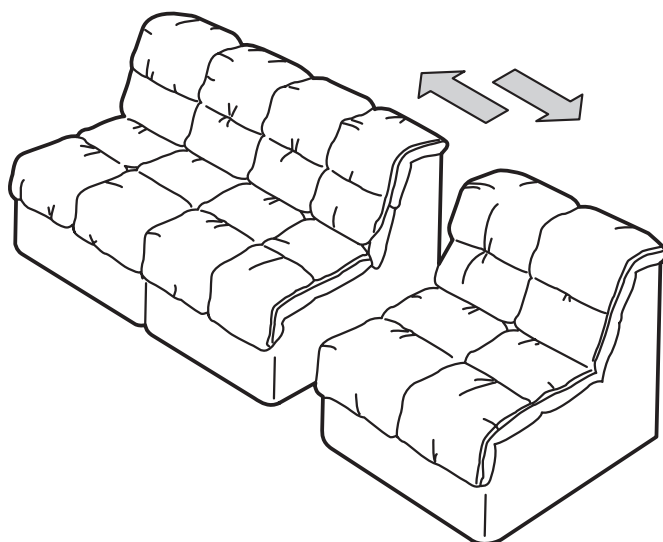
260.52.906



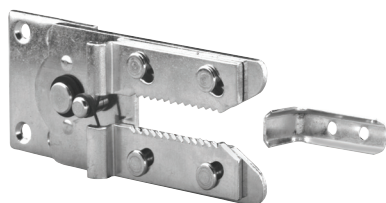
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

→ Upholstery Ganging Devices



- > Connects modular upholstered furniture to form seating rows or groups
- > Easily attaches to the bottom of the upholstered pieces and connects to the corresponding angle bracket
- > The catch fork is turned and the upholstered pieces are pushed together; the connection is released by lifting
- > When not in use the device can be pivoted under the upholstery pieces
- > Furniture should not be moved with the ganging device attached as it may cause damage to the mechanism
- > Ganging devices attach furniture laterally and are not intended to support weight



- > With attachment plate for horizontal mounting
- > Material: Steel; Finish: zinc-plated

Version

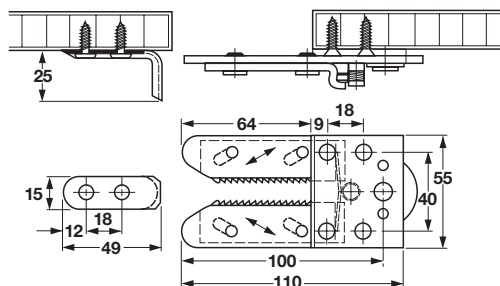
standard
premium

Item No.

635.88.910
635.88.911

Supplied With

Plate
Fork



- > With attachment plate for horizontal mounting on base
- > Material: Plate: Steel; Finish: zinc-plated; Fork: Nylon

Version

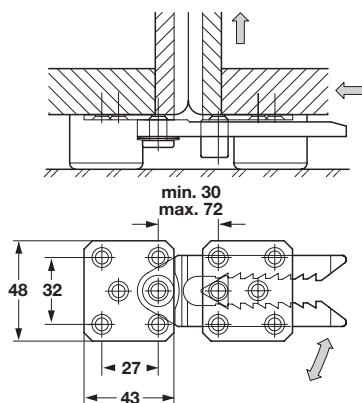
standard
premium

Item No.

635.88.928
635.88.929

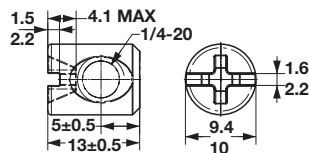
Supplied With

Plate
Fork



Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10

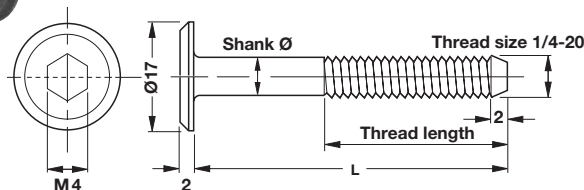
→ 1/4-20 Cross Dowel, Phillips



- > Off-center thread
- > Material: Zinc die-cast, galvanized

Item No.
264.86.913

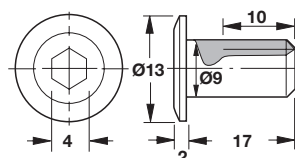
→ 1/4-20 Joint Connector Bolts, Type JCB-B



- > Flat head Ø17 mm with M4 hexagon socket
- > Material: Steel

Length	Thread length	antique bronze	black oxide	nickel-plated
30	20	264.76.130	264.76.330	264.76.730
35	26	264.76.135	264.76.335	264.76.735
40	31	264.76.140	264.76.340	264.76.740
45	35	264.76.145	-	264.76.745
50	41	264.76.150	264.76.350	264.76.750
55	41	264.76.155	-	-
60	41	264.76.160	-	264.76.760
70	41	264.76.170	264.76.370	264.76.770
80	41	264.76.180	-	264.76.780
100	41	264.76.200	-	-

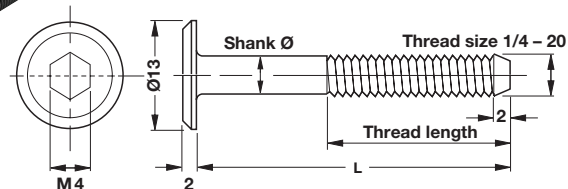
→ 1/4-20 JCN Nuts



- > Flat head Ø13 mm with M4 hexagon socket
- > Material: Steel

Finish	Item No.
black oxide	267.10.306
nickel-plated	267.10.606

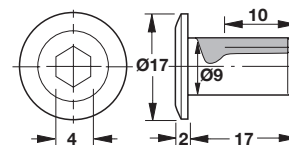
→ 1/4-20 Joint Connector Bolts, Type JCB-C



- > Flat head Ø13 mm with M4 hexagon socket
- > Material: Steel

Length	Thread length	nickel-plated	black oxide
30	21	264.88.630	264.88.330
35	26	264.88.635	264.88.335
40	31	-	264.88.340
50	41	-	264.88.350
70	41	264.88.670	-

→ 1/4-20 JCN Nuts



- > Flat head Ø17 mm with M4 hexagon socket
- > Material: Steel

Finish	Item No.
antique bronze	267.10.116
black oxide	267.10.316
nickel-plated	267.10.616

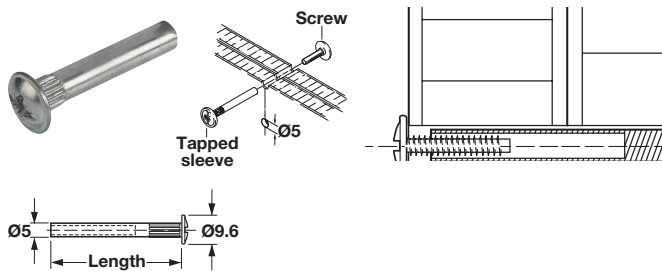
→ Hex Key



- > M4
- > Material: Steel, unfinished

Item No.
008.28.044

→ M4 Sleeves



- > With M4 internal thread and combination head for flat blade, Phillips, and cross-slot
- > Material: Steel; Finish: nickel-plated

Clamping range	Length	Item No.
28–36 (1 1/8"–1 7/16")	27 (1 1/16")	267.01.715
37–45 (1 7/16"–1 3/4")	35 (1 3/8")	267.01.717

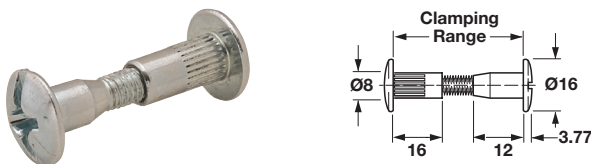
→ Fastening Screw



- > M4 screw with raised head and cross-slot Z #2
- > Material: Steel

Finish	Item No.
nickel-plated	267.00.720

→ M6 Connecting Screws



- > Complete fitting
- > For slotted or Phillips drive
- > Female component has ribs
- > Material: Steel, galvanized

Length	Item No.
32–38 (1 1/4"–1 1/2")	267.07.902
36–42 (1 7/16"–1 11/16")	267.07.903

→ M4 Screws



- > With universal head for flat blade, Phillips, and cross-slot
- > Material: Steel

Finish	Length	Item No.
nickel-plated	15 (19/32")	022.34.157
zinc	23 (29/32")	022.35.234

Supplied With
100 pcs.

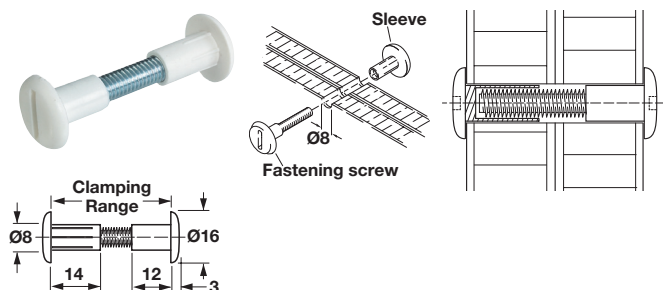
→ Sleeves



- > With M4 internal thread
- > Material: Steel; Finish: zinc-plated

Length	Item No.
15 (19/32")	267.00.911
18 (23/32")	267.00.912
22 (7/8")	267.00.913
30 (1 3/16")	267.00.916

→ M6 Connecting Screws

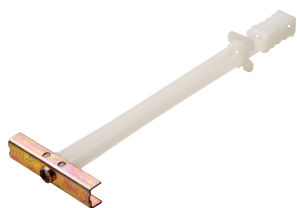


- > Complete fitting
- > With slotted drive
- > Female component has ribs
- > Material: Plastic; Color: white; Bolt: Steel, galvanized

Clamping range	Item No.
30–36 (1 3/16"–1 7/16")	267.25.701
34–40 (1 3/8"–1 9/16")	267.25.702

Wall Anchors

→ Snaptoggle® Bolts



- > Ideal for heavy loads in hollow walls, ceilings, and floors
- > Installs through hollow material: 10–92 mm (13/32"–3 5/8")
- > Easy and clean to install, only requires hole Ø: 13 mm (1/2")
- > Hangs max. 102 kg (225 lbs.) shear strength
- > Requires a machine bolt for fixture attachment, sold separately, below
- > Material: Steel; Straps: Nylon

1/4" - 20

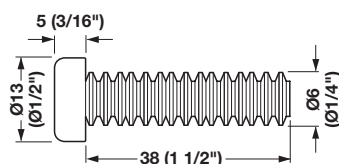
Color	Item No.
white	051.17.952

3/16" - 24

Color	Item No.
white	051.17.951

Supplied With
100 pcs.

- > Pan head with #2 Phillips Drive



1/4" - 20

Length	Item No.
38 (1 1/2")	020.42.275
51 (2")	020.42.277
64 (2 1/2")	020.42.280
76 (3")	020.42.282

3/16" - 24

Length	Item No.
38 (1 1/2")	020.44.275
64 (2 1/2")	020.44.278
76 (3")	020.44.280

Supplied With
50 pcs.

→ Furniture Anti-tip Kit

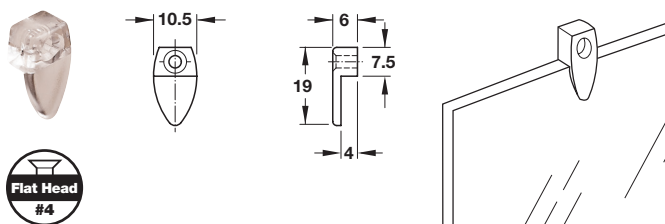


- > Prevents furniture tip overs
- > Attach to solid wood only
- > Exceeds ASTM standard F 3096-14
- > Weight capacity: 181 kg (400 lbs.)

Item No.
271.98.110



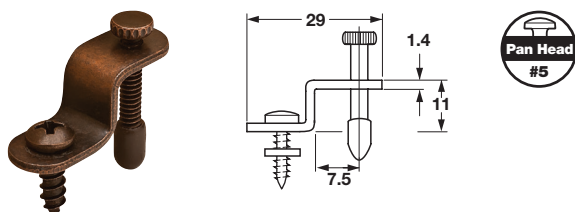
Mirror Fitting



- > Oval shaped
- > Material: Plastic, transparent

Item No.
291.09.402

→ Glass Retainer Clips



- > Material: Steel

Finish

bronzed

Item No.

291.02.109



- > Retainer clip includes pre-installed screw for easy installation
- > Material: Plastic, transparent

Offset

0.8 (1/32") retainer clip

4 (5/32") insert

7 (9/32") insert

8 (5/16") insert

Item No.

291.03.451

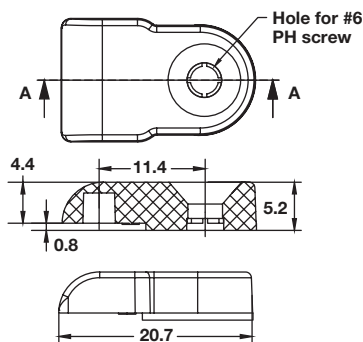
291.03.457

291.03.453

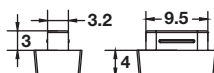
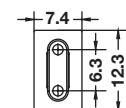
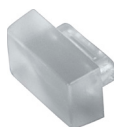
291.03.455

Note

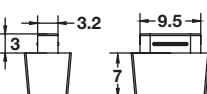
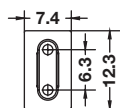
Must order retainer clip and insert separately.



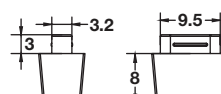
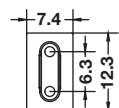
291.03.457



291.03.453

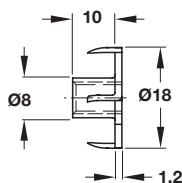


291.03.455



Multi-Purpose Connectors - Internal Thread 1/4-20

→ T-Nut



- > Pronged
- > Material: Steel

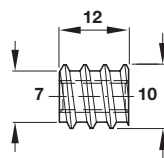
Finish

zinc-plated

Item No.

031.06.004

→ Screw-In Socket

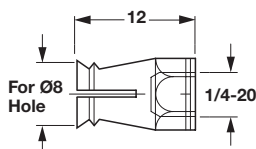


- > Screwdriver slot
- > Material: Steel, unfinished

Item No.

030.12.031

→ Spreading Dowels

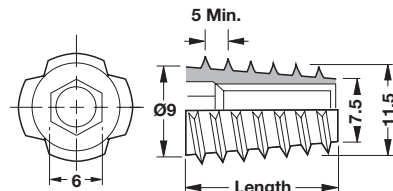


- > Without nylon ball
- > Extremely high pull-out strength
- > Press fit installation in hole Ø: 8 mm
- > Drill depth: min. 12.25 mm (13.5 mm recommended)
- > Material: Brass

Item No.

039.01.160

→ Type E Inserts



- > Screw mounted
- > 6 mm hexagonal socket
- > Material: Zinc die-cast

Finish

nickel-plated

zinc-plated

Length

13

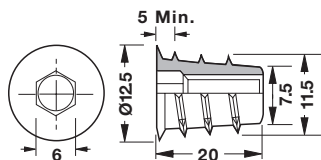
20

Item No.

030.06.166

030.06.269

→ Type D Insert

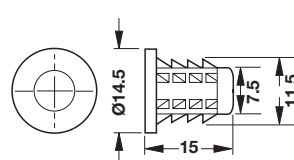


- > Screw mounted
- > 6 mm hexagonal socket
- > Blind hole size: 9 mm
- > Material: Zinc die-cast

Item No.

030.02.266

→ Type B Insert



- > Knock-in
- > Blind hole size: 9 mm
- > Material: Zinc die-cast

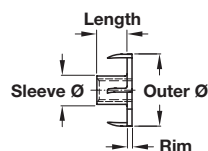
Item No.

039.03.062

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Multi-Purpose Connectors

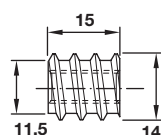
→ T-Nuts



- > Pronged
- > Material: Steel, galvanized

Internal thread	Outer diameter	Sleeve diameter	Rim	Length	Item No.
M4	15	5.5	1	7.5	031.00.445
M6	19	7.5	1.3	8	031.00.463
M10	26	11.5	2	11	031.00.490

→ Screw-in Socket

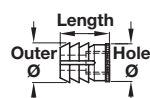


- > Screwdriver slot
- > M8 internal thread
- > Material: Steel, unfinished

	Item No.
	030.00.404

Supplied With
100 pcs.

→ Glue-in Sockets



- > Glue grooves
- > M4 internal thread
- > Material: Nylon; Color: natural

Outer diameter	Hole diameter	Length	Item No.
8.5	8	10	039.33.042

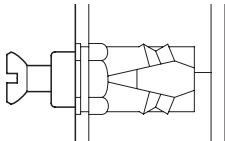
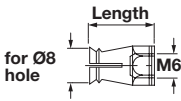
- > M6 internal thread

Outer diameter	Hole diameter	Length	Item No.
8.5	8	11	039.33.462
11	10	11	039.33.266

Supplied With
5,000 pcs.

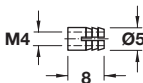
Dowel Connectors

→ Spreading Dowels



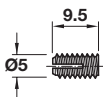
- > M6 internal thread for press fit installation
- > Extremely high pull-out strength
- > Drill depth: dowel length + 2 mm
- > Material: Brass, bright

Version	Length	Item No.
without nylon ball	9.5	039.00.267
with nylon ball	12	039.00.061



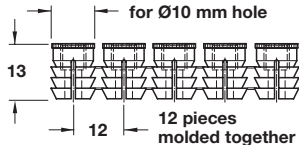
- > M4 internal thread
- > Material: Brass, bright

	Item No.
	051.45.004



- > Without collar
- > Material: Nylon

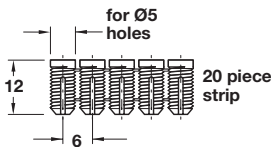
Color	Item No.
natural	042.98.033



- > M6 internal thread
- > Material: Nylon

Color	Item No.
natural	039.35.064

→ Spreading Sleeve



Strip of 20 spreading
dowels integrally
injection moulded.

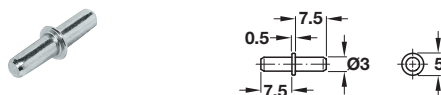
- > Without collar
- > Material: Nylon

Color	Item No.
natural	042.98.051

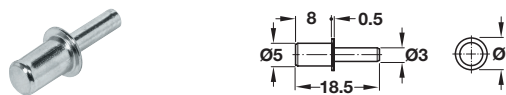
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Wood Shelf Supports

→ Ø3 mm



- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel, galvanized



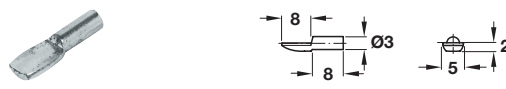
- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel

Item No.
282.43.914

Finish	Item No.
nickel-plated	282.43.727



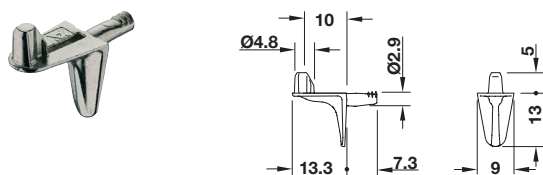
- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel



- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.06.706

Finish	Item No.
nickel-plated	282.04.720



- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs and shelf fixing plug
- > Weight capacity: 25 kg (55 lbs.)
- > Material: Zinc die-cast

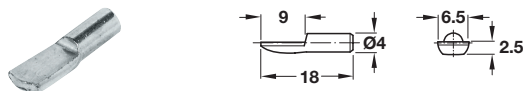


- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs
- > Weight capacity: 37.6 kg (83 lbs.)
- > Material: Zinc die-cast

Finish	Item No.
nickel-plated	282.25.727

Finish	Item No.
nickel-plated	282.25.717
black passivated	282.25.317

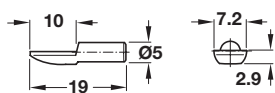
→ Ø4 mm



- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel

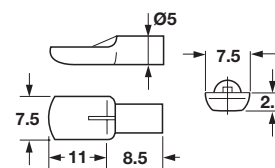
Finish	Item No.
nickel-plated	282.04.702

Wood Shelf Supports Ø5 mm



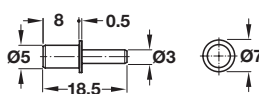
- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.04.711
brass-plated	282.04.515
bronze	282.04.113
black	282.04.311



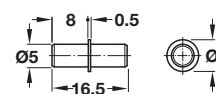
- > With anti-slide feature
- > Tap gently to prevent shelf movement
- > The fin cuts itself into the shelf and prevents it from sliding
- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.04.712
brass-plated	282.04.512



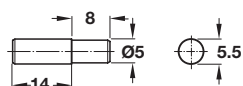
- > Weight capacity: 60 kg (130 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.43.727



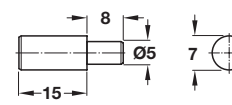
- > Weight capacity: 34 kg (75 lbs.)
- > Material: Steel

Finish	Item No.
bronzed	282.43.101
zinc-plated	282.43.905



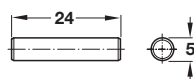
- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.42.702



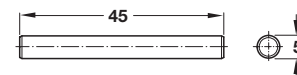
- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.38.708
brass-plated	282.38.502



- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

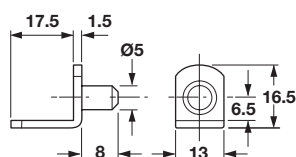
Finish	Item No.
nickel-plated	282.40.708
brass-plated	282.40.502



- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

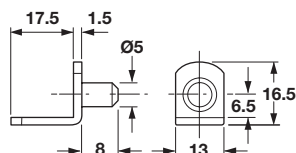
Finish	Item No.
nickel-plated	282.41.705

Wood Shelf Supports Ø5 mm



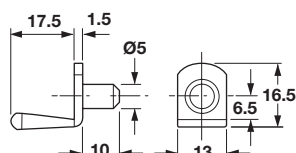
- > Angular with riveted pin
- > Material: Steel

Finish	Item No.
brass-plated	282.11.501
nickel-plated	282.11.707



- > Angular with riveted pin and securing screw hole
- > Material: Steel

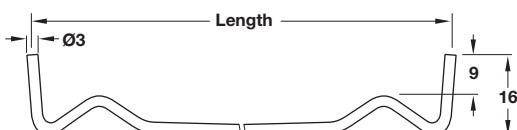
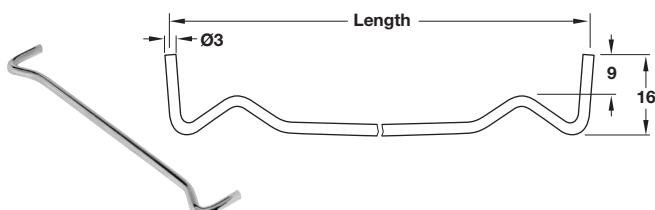
Finish	Item No.
brass-plated	282.11.510
nickel-plated	282.11.710
bronzed	282.11.110



- > Angular for glass shelves
- > With riveted pin and protective cover
- > Material: Steel; Cover: Plastic; Color: brown

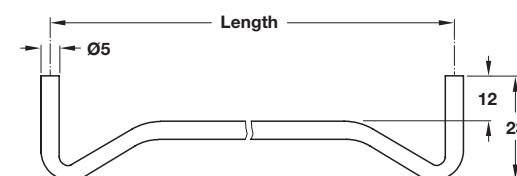
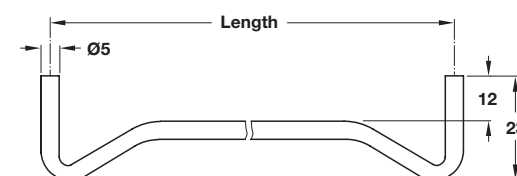
Finish	Item No.
brass-plated	282.11.120

→ Swedish-type Shelf Supports

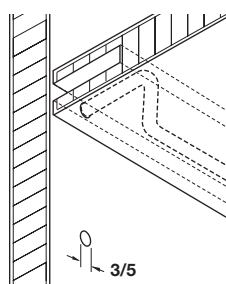


- > Plugs into two drilled holes to provide invisible mounting of grooved shelf
- > Material: Steel wire; Finish: nickel-plated

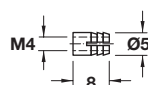
Length	Diameter 3	Diameter 5
160	282.71.703	282.73.707
224	282.71.712	282.73.716
320	-	282.73.725



For inserting in drilled holes:



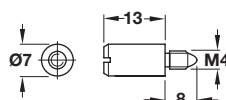
→ Expanding Sleeve



- > M4 internal thread
- > Drill hole Ø: 5 mm
- > Material: Brass, bright

Item No.
051.45.004

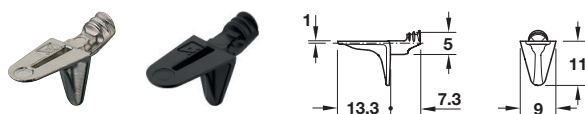
→ Support with M4 Thread



- > Screw mounts in expanding sleeve
- > Weight capacity: 80 kg (175 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.39.705

Wood Shelf Supports Ø5 mm



- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs
- > Weight capacity: 37.6 kg (83 lbs.)
- > Material: Zinc die-cast

Finish

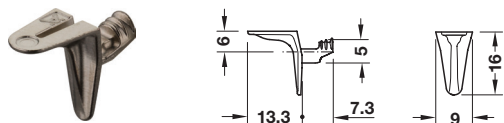
nickel-plated

Item No.

282.24.717

black passivated

282.24.817



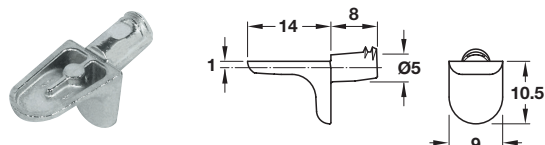
- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs
- > Weight capacity: 37.6 kg (83 lbs.)
- > Material: Zinc die-cast

Finish

nickel-plated

Item No.

282.24.718



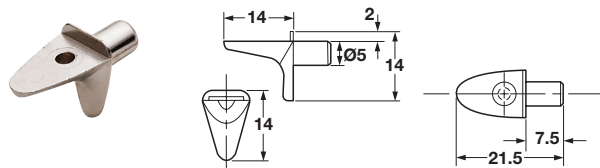
- > Wedged ribs with twin grooves
- > Weight capacity: 12.5 kg (27.5 lbs.) with 4 supports: 50 kg (110 lbs.)
- > Material: Zinc die-cast

Finish

nickel-plated

Item No.

282.24.710



- > Material: Zinc die-cast

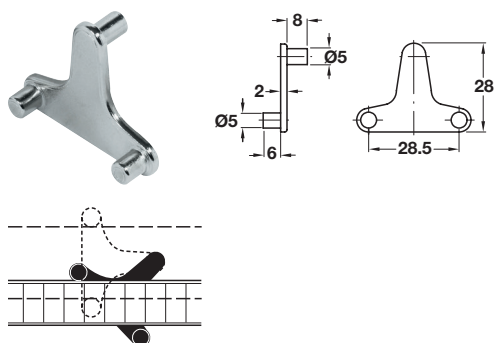
Finish

nickel-plated

Item No.

282.24.711

→ Ex-Cellent H®



- > Shelf clamp support for wood shelves: 16–22 mm
- > Material: Zinc die-cast

Finish

nickel-plated

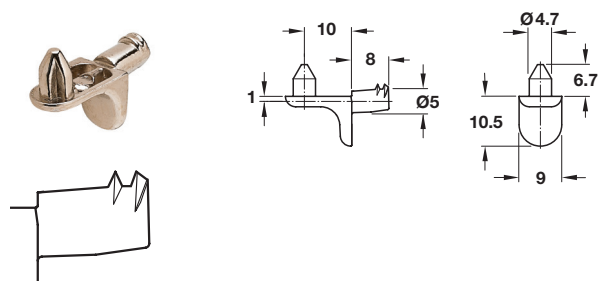
Item No.

282.23.725

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

Wood Shelf Supports Ø5 mm



- > With 2 wedged ribs and shelf-fixing plug
- > Material: Zinc die-cast

Finish

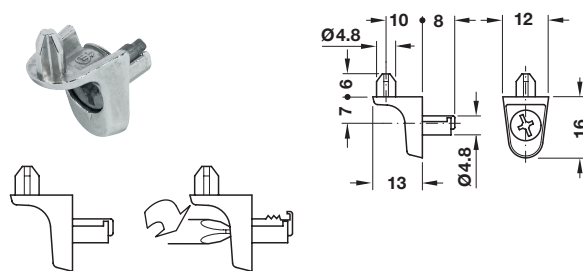
nickel-plated

Item No.

282.24.720

Note

Ribs anchor themselves in the system holes due to pressure from the shelf, which is an important feature for areas prone to earthquakes.



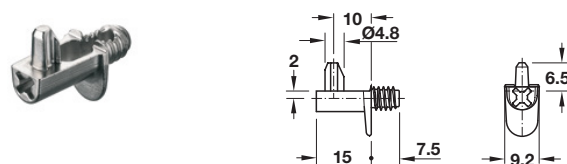
- > For insertion and tightening into a drilled hole
- > Weight capacity: 75 kg (165 lbs.)
- > Material: Zinc Alloy

Finish

nickel-plated

Item No.

282.26.715



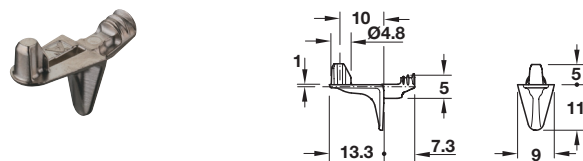
- > Threaded pin for tightening into a drilled hole with Phillips #2 driver
- > With shelf fixing plug
- > Weight capacity: 125 kg (275 lbs.)
- > Material: Zinc die-cast

Finish

nickel-plated

Item No.

282.26.706



- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs and shelf fixing plug
- > Weight capacity: 62.4 kg (137 lbs.)
- > Material: Zinc die-cast

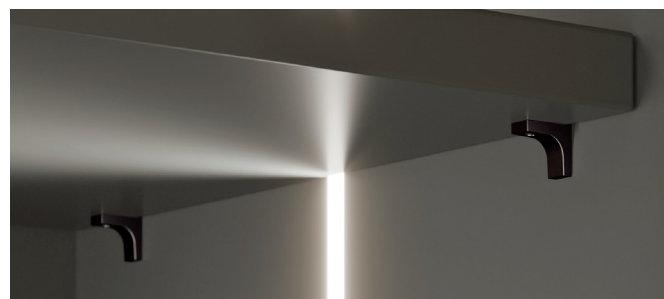
Finish

nickel-plated

Item No.

282.24.727

→ K-Line



- > Material: Zinc die-cast

Finish

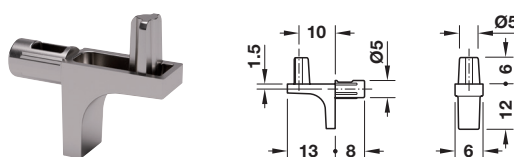
nickel-plated

Item No.

282.84.710

black

284.84.310



- > With plug
- > Material: Zinc die-cast

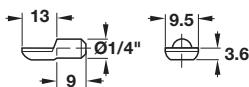
Finish

nickel-plated

Item No.

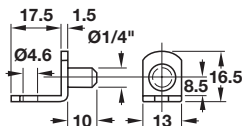
282.84.720

→ Shelf Supports Ø1/4"



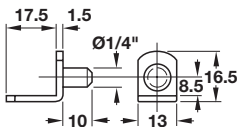
- > Spoon-shaped with riveted pin
- > Material: Steel

Finish	Item No.
black	282.04.337
nickel-plated	282.04.739
brass-plated	282.04.533



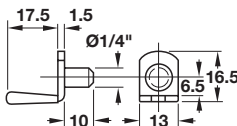
- > Angular with riveted pin and securing screw hole
- > Material: Steel

Finish	Item No.
brass-plated	282.11.556
nickel-plated	282.11.752
bronzed	282.11.154



- > Angular with riveted pin
- > Material: Steel

Finish	Item No.	Packing
brass-plated	282.11.565	2,500 pcs.
nickel-plated	282.11.761	2,500 pcs.
bronzed	282.11.163	1,000 pcs.

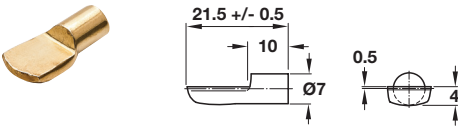


- > For glass shelves
- > Angular with riveted pin and protective cover
- > Material: Steel

Finish	Item No.
brass-plated	282.11.574

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

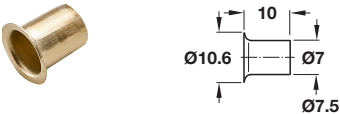
→ Shelf Supports Ø7 mm



- > Inserted into grommet below
- > Weight capacity: 99 kg (220 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.01.701
brass-plated	282.01.505

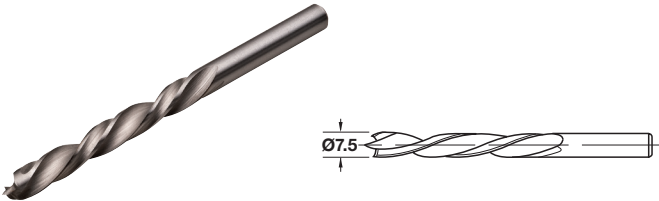
→ Grommets



- > For Ø7 mm shelf supports above
- > Weight capacity: 99 kg (220 lbs.)
- > Material: Steel

Finish	Item No.
nickel-plated	282.50.704
brass-plated	282.50.508

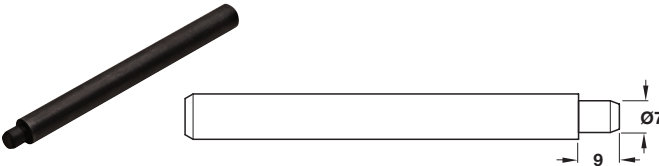
→ Twist Drill Bit



- > For Ø7.5 mm grommet
- > Material: Steel

Item No.
001.20.061

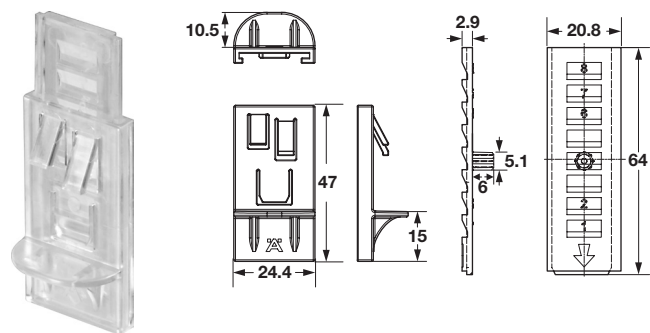
→ Grommet Insertion Tool



- > Ø7.5 mm
- > Material: Steel

Item No.
006.36.752

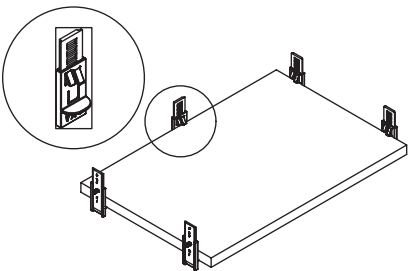
Mullion Shelf Clip



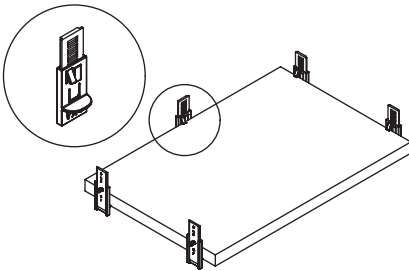
- > Multiple adjustment positions ensure proper alignment of shelving
- > Two-part assembly allows for easy height adjustment
- > Hold-down clips for material thickness: 16 mm and 19 mm (5/8" and 3/4")
- > Pin mounted in hole Ø: 5 mm (3/16")
- > Bumper optional for glass shelf applications
- > Material: Polyurethane, transparent

Item No.

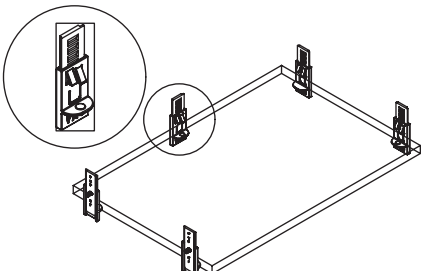
282.28.490



16 mm (5/8") material



19 mm (3/4") material



13 mm (1/2") glass

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

- Ø5 mm

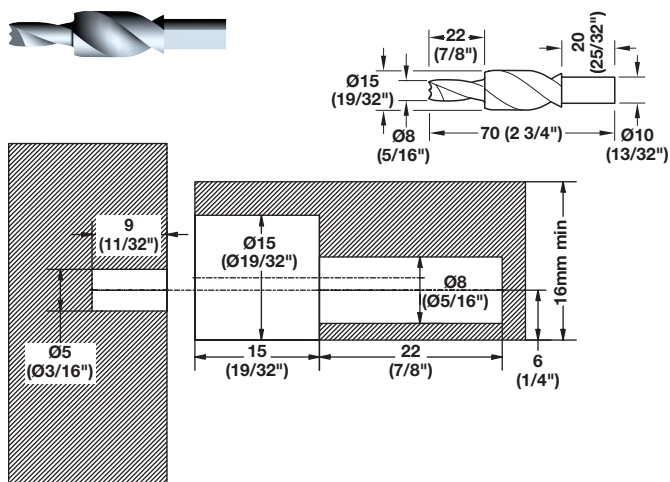
[illegible]

- Item No. 001.25.650

- | | |
|-----------------|------------|
| Item No. | 001.25.651 |
|-----------------|------------|

- Item No.**
001.22.920

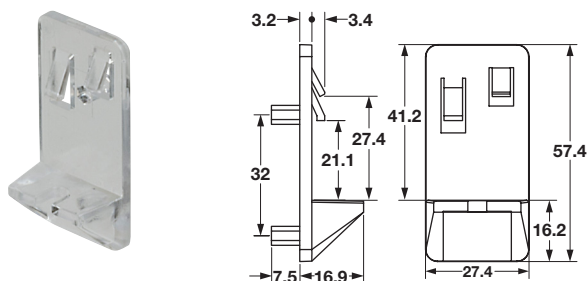
→ **Drill Bit**



- | | |
|----------|------------|
| Item No. | 001.22.911 |
|----------|------------|

Wood Shelf Supports

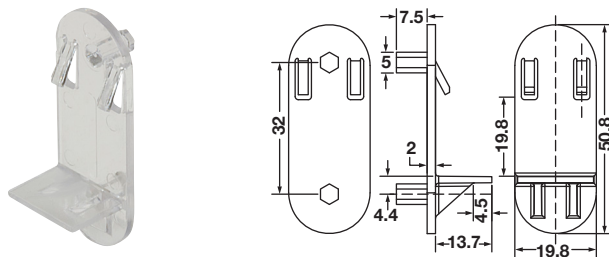
→ Ø5 mm



- > Double pin Ø5 mm for 32 mm system
- > Secures shelf thickness: 19 or 25 mm (3/4" or 31/32")
- > Weight capacity/4 supports: 227 kg (500 lbs.)
- > Material: Plastic

Color	Item No.
white	282.47.703
transparent	282.47.403

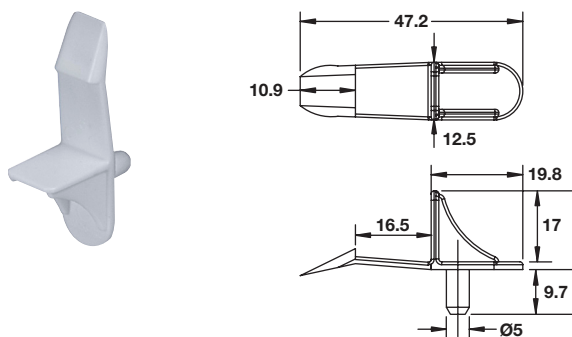
→ Ø5 mm



- > Double pin Ø5 mm for 32 mm system
- > Secures shelf thickness: 19 mm (3/4")
- > Weight capacity/4 supports: 227 kg (500 lbs.)
- > Material: Plastic, transparent

Item No.
282.47.404

→ Ø5 mm



- > With spring clip
- > Wood shelf thickness: 16 mm (5/8")
- > Material: Plastic

Color	Item No.
white	282.47.730

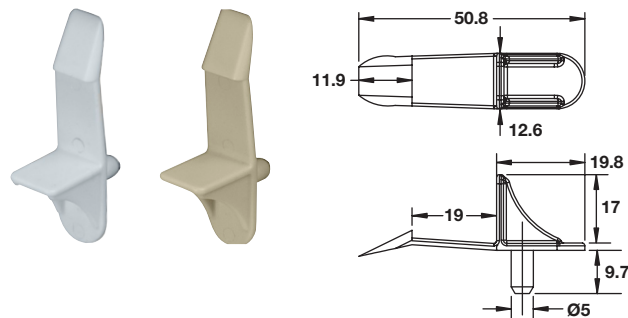
→ Bumper, optional



- > Material: 100% Polyurethane, transparent

Item No.
356.25.445

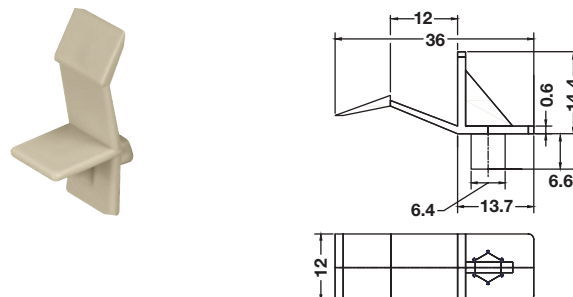
→ Ø5 mm



- > With spring clip
- > Wood shelf thickness: 19 mm (3/4")
- > Material: Plastic

Color	Item No.
white	282.47.740
beige	282.47.140

→ Ø1/4"

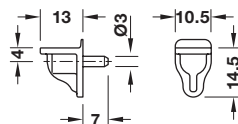


- > With grooved plug and spring clip
- > Wood shelf thickness: 12 mm (15/32")
- > Material: Plastic

Color	Item No.
beige	282.47.150

Wood and Glass Shelf Supports

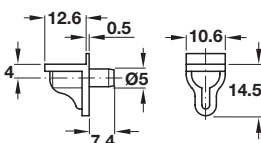
→ Ø3 mm



- > With steel pin
- > Weight capacity: 36 kg (80 lbs.)
- > Material: Plastic, transparent; Pin: Steel, galvanized

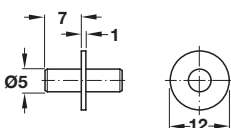
Item No.
282.12.403

→ Ø5 mm



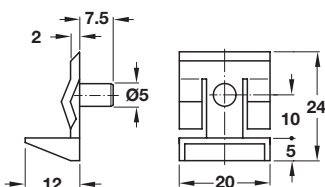
- > With steel pin
- > Material: Plastic; Pin: Steel, galvanized

Color	Item No.
white	282.12.705
brown	282.12.105
transparent	282.12.405



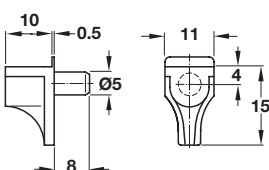
- > Material: Plastic

Color	Item No.
white	282.36.704



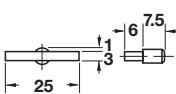
- > With spring clip
- > Material: Plastic

Color	Item No.
white	282.33.703
beige	282.33.409



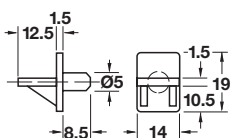
- > With steel pin
- > Material: Plastic; Pin: Steel, galvanized

Color	Item No.
beige	282.27.509
black	282.27.303



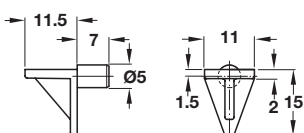
- > Provides invisible mounting for grooved shelf
- > Material: Plastic

Color	Item No.
white	282.21.703



- > Angular with collar
- > Material: Plastic, transparent

Item No.
282.22.013

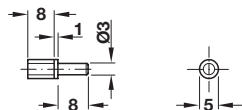


- > Weight capacity: 75 kg (165 lbs.)
- > Material: Plastic

Color	Item No.
white	283.63.715

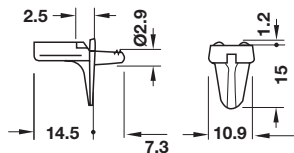
Glass Shelf Supports

→ Ø3 mm



- > With cap
- > Material: Steel, galvanized; Cap: Plastic, transparent

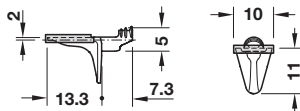
Item No.
281.40.712



- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs
- > Weight capacity: 37.6 kg (83 lbs.)
- > Material: Zinc die-cast; Pad: Rubber, transparent

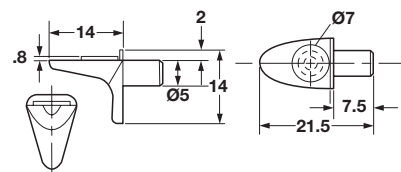
Finish	Item No.
nickel-plated	282.25.733

→ Ø5 mm



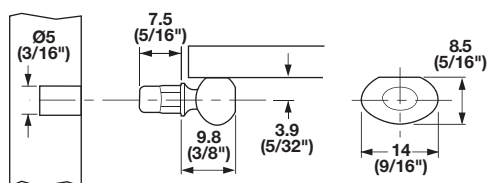
- > Patented design assures minimum lowering of shelf under heavy weight
- > With three wedged ribs
- > Weight capacity: 25 kg (55 lbs.)
- > Material: Zinc die-cast; Pad: Rubber, transparent

Finish	Item No.
nickel-plated	282.24.733
black passivated	282.24.333



- > Material: Zinc die-cast; Pad: Rubber, transparent

Finish	Item No.
nickel-plated	282.24.731



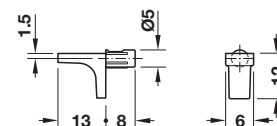
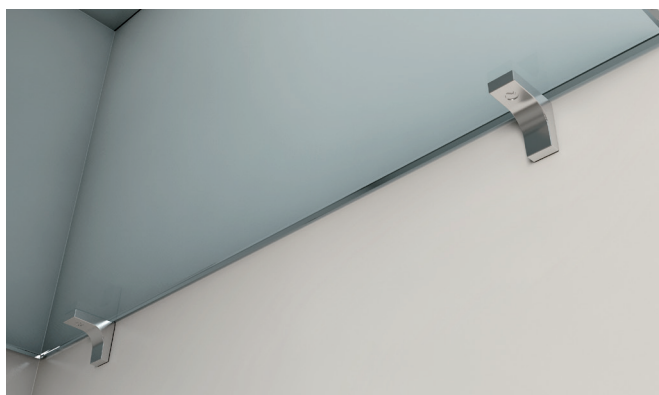
- > Material: Zinc Alloy; Cap: Plastic/Rubber, transparent

Finish	Item No.
nickel-plated	281.43.700

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

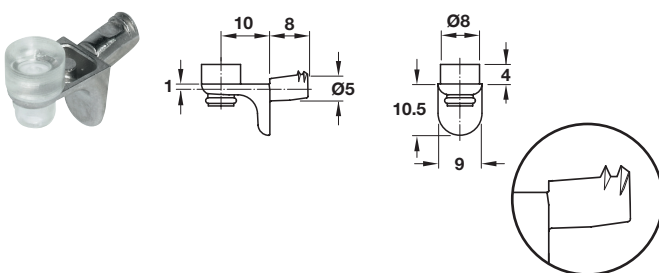
Glass Shelf Supports

→ Ø5 mm



> Material: Zinc die-cast

Finish	Item No.
nickel-plated	282.84.721
black	284.84.330

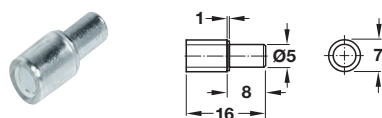


> With 2 wedged ribs
 > Material: Zinc die-cast; Glass support: Plastic, transparent

Finish	Item No.
nickel-plated	282.24.730

Note

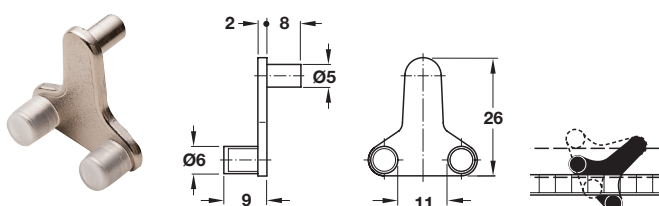
The ribs anchor themselves in the system holes due to pressure from the shelf. This is an important feature for areas prone to earthquakes.



> With cap
 > Material: Steel, galvanized; Cap: Plastic, transparent

Item No.
281.41.907

→ Ex-Cellent H® Ø5 mm

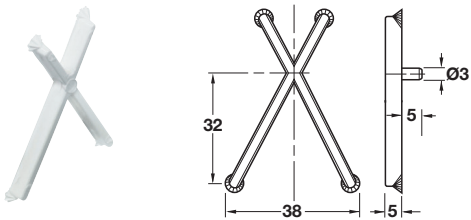


> Shelf clamp support
 > Glass thickness: 6–10 mm (1/4"–13/32")
 > Material: Zinc die-cast; Clamping pins: Plastic-coated

Finish	Item No.
nickel-plated	282.23.716

Shelf Hold-Downs

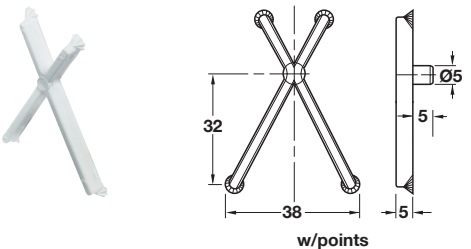
→ Ø3 mm



- > 32 mm intervals
- > Shelf thickness: variable
- > Material: Plastic

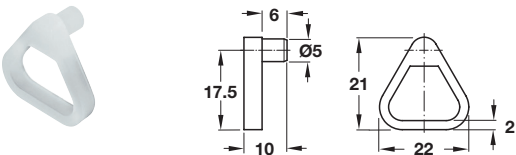
Color	Item No.
white	282.28.711

→ Ø5 mm



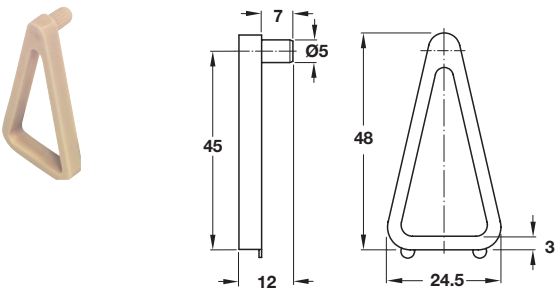
- > With points
- > 32 mm intervals
- > Shelf thickness: variable
- > Material: Plastic

Color	Item No.
white	282.28.702



- > Inserts in Ø5 mm system holes
- > 32 mm intervals
- > Shelf thickness: 16 mm (5/8")
- > Material: Plastic

Color	Item No.
white	282.28.727



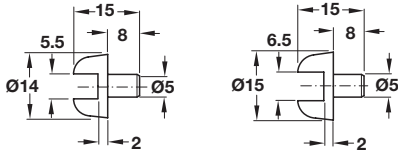
- > 32 mm intervals
- > Shelf thickness: 19 mm (3/4")
- > Material: Plastic

Color	Item No.
white	282.28.730
beige	282.28.739

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Glass Shelf Supports

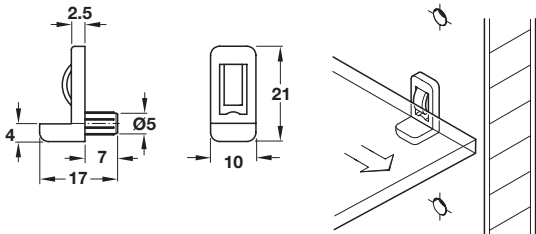
→ Ø5 mm



> Material: Plastic, transparent

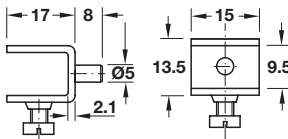
Glass shelf thickness

Glass shelf thickness	Item No.
5 (3/16")	287.28.450
6 (1/4")	287.28.470



> With safety catch
> Glass shelf thickness: max. 6 mm (1/4")
> Material: Plastic, transparent

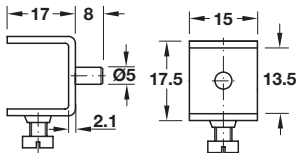
Item No.
281.42.403



> With set screw
> Glass shelf thickness: 9 mm (11/32")
> Material: Steel; Set screw: Plastic

Finish

Finish	Item No.
nickel-plated	282.20.715



> Glass shelf thickness: 13 mm (1/2")
> Material: Steel; Set screw: Plastic

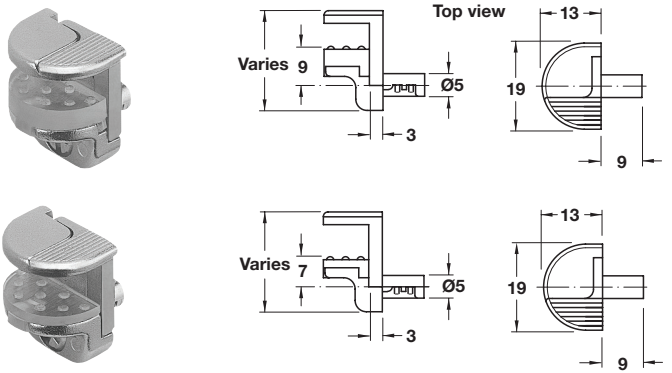
Finish

Finish	Item No.
nickel-plated	282.20.724

Glass Shelf Supports

> Shelf width must be 6–7 mm less than the inside cabinet width

→ Ø5 mm



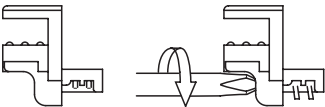
- > Inserts and tightens into a drilled hole
- > Variable for glass thickness: 6/8/10 mm
- > Material: Zinc Alloy; Glass rest: Plastic, transparent

Finish	Item No.
nickel-plated	282.13.711

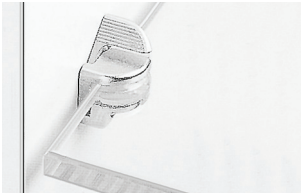
> Variable for glass thickness: 8/10/12 mm

Finish	Item No.
nickel-plated	282.13.712

Tightening in drilled hole Ø5 mm



After the shelf support has been tightened in the side panel the glass shelf is put into place...



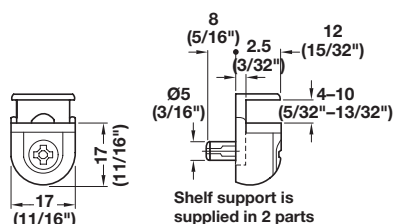
...then the tightening element is inserted.



Pressing down on the tightening element fixes the glass shelf in position. The shelf support prevents it from tipping as well as being unintentionally lifted and removed.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

-

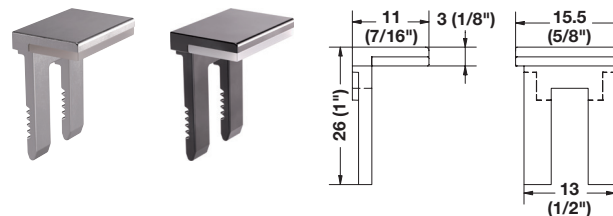
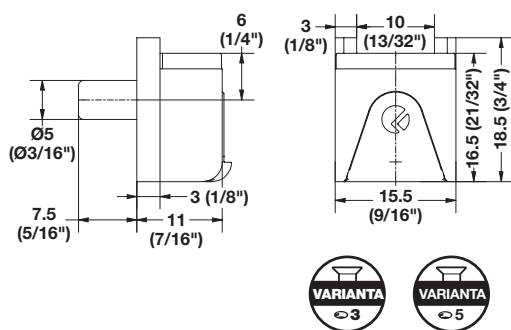


nickel-plated

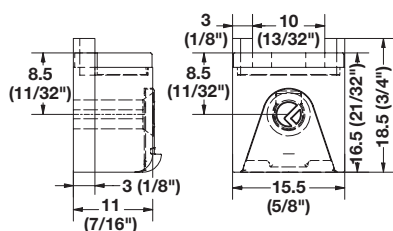
284.04.611

A close-up photograph of a black metal bracket mounted on a wall, supporting a white shelf. The bracket has a curved, L-shaped design. The wall is a light, neutral color, and the shelf is a clean, white rectangular piece. The lighting is soft, highlighting the textures of the metal and the wall.

- 



Finish	Component	Mounting	Item No.
nickel-plated	lower element	pin	284.04.641
nickel-plated	lower element	screw	284.04.644
nickel-plated	upper element	-	284.04.643
black	lower element	pin	284.04.647
black	upper element	pin	284.04.645



KRISTAL Shelf Supports



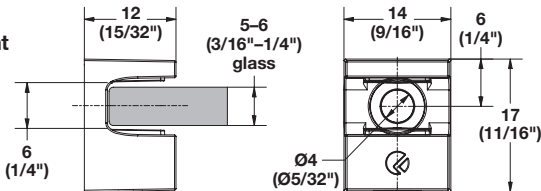
- > Integrated set screw secures glass shelf thickness: 5–6 mm (3/16"–1/4")
- > Screw mount or 5 mm pin mount versions
- > Quick and easy installation and relocation of shelf
- > PZ2 driver required to adjust set screw
- > Weight capacity/shelf: 40 kg (88 lbs.)
- > Material: Zinc; Finish: nickel-plated



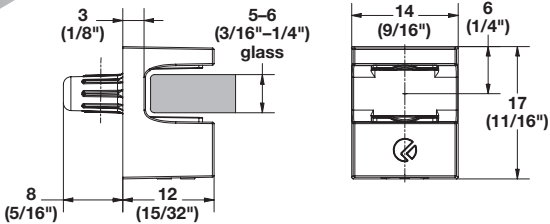
Mounting	Item No.
screw	284.04.650
pin	284.04.654



screw mount

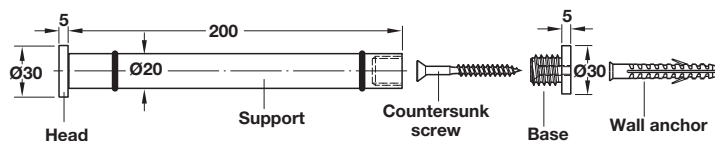


pin mount



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

→ Glass Shelf Support



- > Distance between supports: max. 700 mm (27 9/16")
- > Wall thickness: 1.5 mm (1/16")
- > Weight capacity: max. 85 kg (187 lbs.) per m² with evenly distributed load
- > Material: Support and base: Stainless Steel
Countersunk screw: Steel, galvanized
Wall anchor: Plastic
O-ring: Rubber; Color: black

Finish

matte, brushed

Item No.

283.38.020

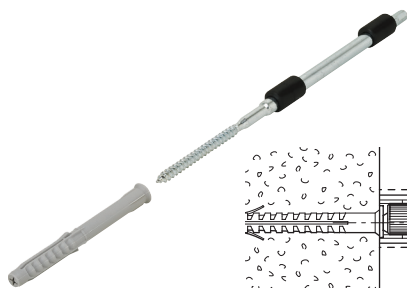
Supplied With

Support, Ø20 mm; Base
2 O-rings
Countersunk screw M6 x 60 mm
Wall anchor
Assembly instructions

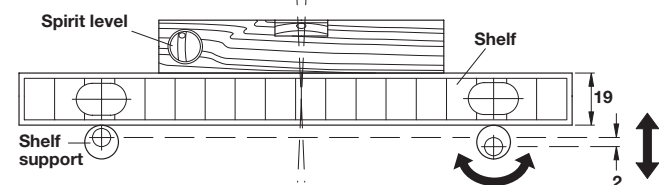
Note

2 sets needed for one shelf.

→ Wood Shelf Support



Height and level adjustment possible as shown on the right



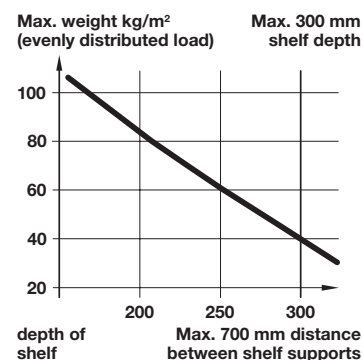
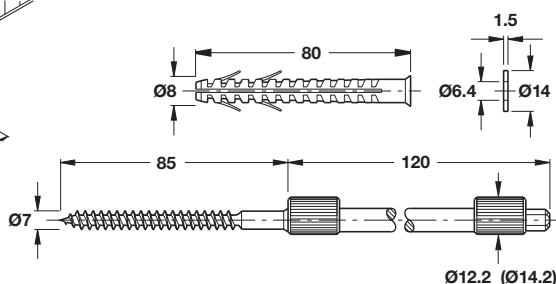
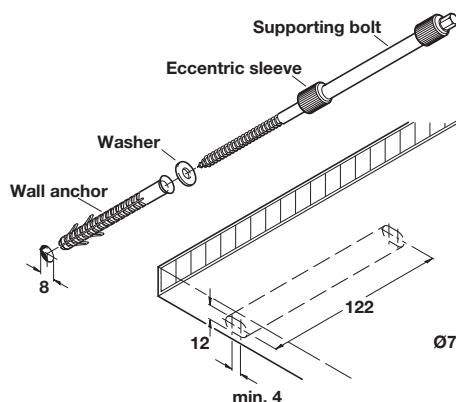
- > 12 mm (15/32")
- > Invisible fastening for shelf thickness: 19 mm (3/4")
- > Tool-free adjustment by turning the plastic sleeve
- > The hexagonal end on the shelf support permits installation with 6 mm (1/4") bit using a cordless drill or a 6 mm (1/4") open end or box-end wrench
- > Installs directly into masonry walls or woodwork
- > To make adjustments possible, the insertion hole must be laterally elongated, with a slot drilling machine or a chain mill
- > Adjust height and level, set the shelf on the shelf supports mounted in the wall and then adjust by turning the plastic sleeves
- > Press fit
- > Material: Steel, galvanized; Sleeves: Plastic/Polyamide

Item No.

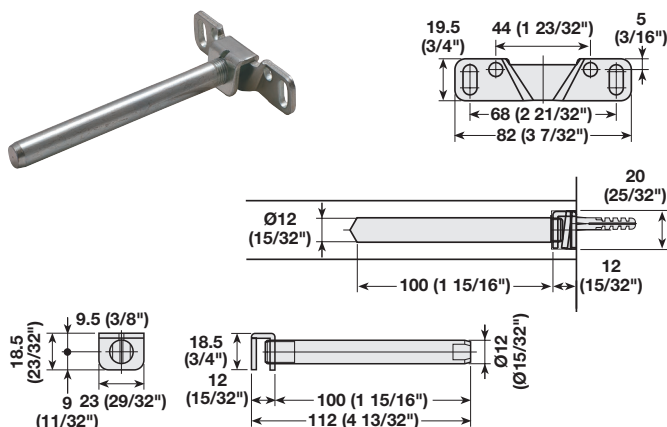
283.32.014

Supplied With

Support bolt with wood thread
2 Sleeves, pre-mounted
Washer
Fischer structural wall anchor S 8H 80 R



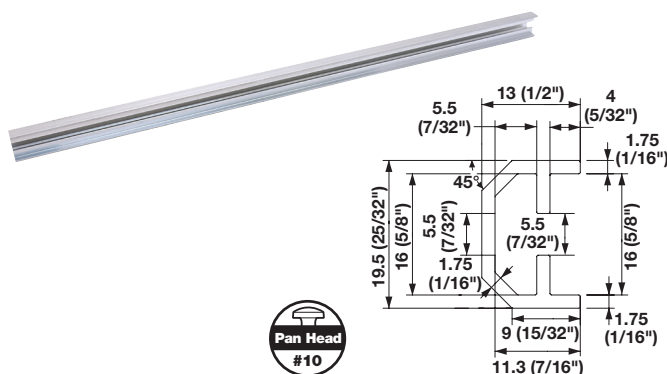
→ Concealed Shelf Support



Weight capacity with two supports on 900 mm (35 7/16") shelf, adding one support for every 450 mm (17 11/16") increase in length.

Shelf depth	Weight capacity max.
175 (6 7/8")	20 kg (44 lbs.)
200 (7 7/8")	17 kg (37 lbs.)
225 (8 27/32")	15 kg (33 lbs.)
250 (9 27/32")	14 kg (31 lbs.)
275 (10 13/16")	13 kg (29 lbs.)
300 (11 13/16")	12 kg (26 lbs.)

→ Floating Shelf Extrusion Rail



- > Ideal for floating shelves combined with shelf support above
- > Provides strength and stability over long spans
- > Attaches to stud walls with #10 pan head screws
- > Can be cut and drilled
- > L x W x H: 2,500 x 13 x 19.5 mm (98 13/32" x 1/2" x 25/32")
- > Material: Aluminum, unfinished

Item No.

833.74.894

- > Concealed installation with screw mount plate and adjustment
- > Shelf thickness: min. 24 mm (15/16")
- > Inclination adjustment and side adjustment with support bolt
- > Height adjustment with slots in screw mount plate
- > Screw mounts to support element and mounts in drilled hole in shelf
- > Material: Steel, galvanized; Wall plugs: Plastic

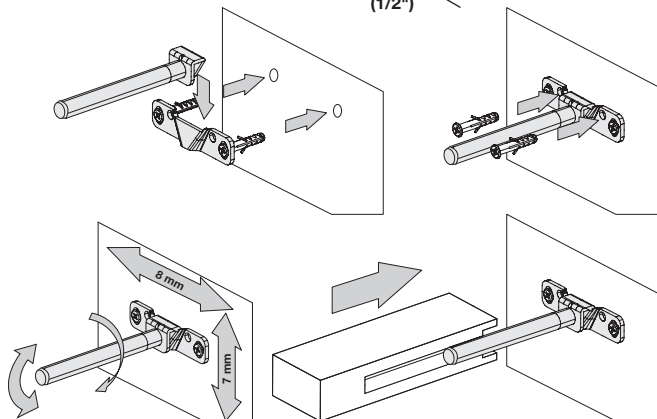
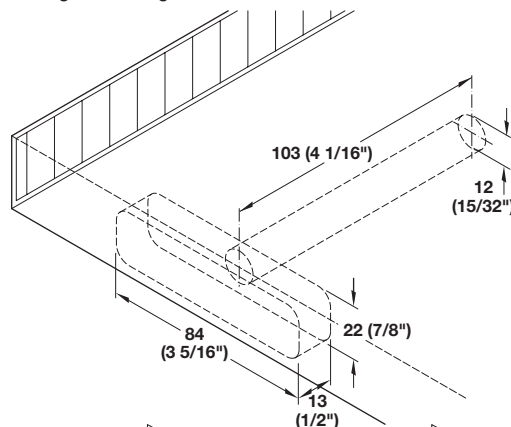
Item No.

283.33.941

Supplied With

- 4 Plastic wall plugs
- 4 Screws

Drilling and routing dimensions in shelf



→ Hardware for Floating Shelf System



- > For attaching shelf support to rail
- > Material: Steel

Item No.

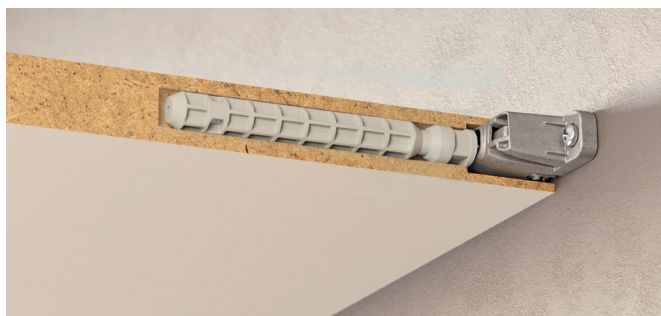
020.92.761

Supplied With

- 4 – M5 x 12 mm screws
- 4 – M5 weld nuts

Pan head screws

pages 13.9-13.10



- > Concealed mounting for floating shelves
- > Material thickness: 30–40 mm (1 3/16"–1 9/16")
- > Inclination adjustment: -1 + 4° 10 mm spanner
- > Height adjustment: +/- 2 mm with slotted plate
- > Side adjustment: +/- 2.5 mm with locking screw
- > Weight capacity/support for shelf depth 160–250 mm (6 5/16"–9 13/16"): 7.5 kg (16.5 lb), 15 kg/pair (33 lb)
- > Material: Zinc/Steel

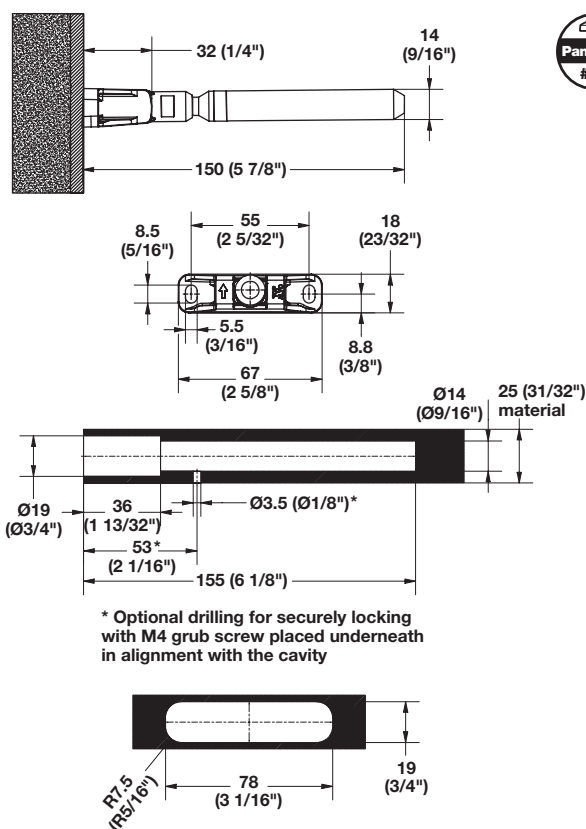
→ TRIADE MINI Shelf Support



→ TRIADE MINI Shelf Support Bracket



Item No.
283.39.050



- > Provides extra support to TRIADE shelf supports by providing 3 fixing points via Ø8 mm pin and screw fix
- > Material: Steel

Finish

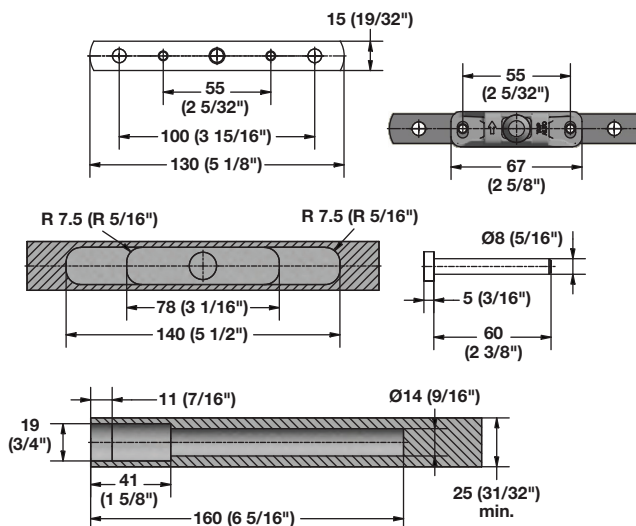
zinc-plated

Item No.

283.39.022

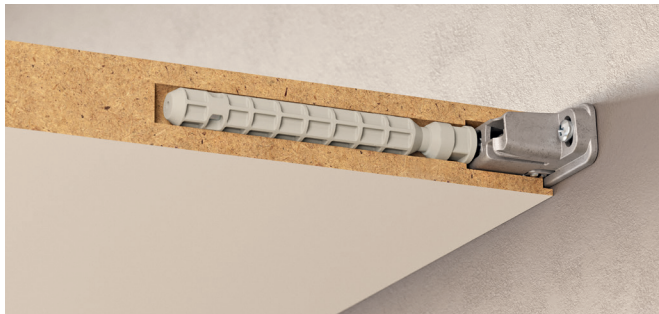
Supplied With

M5 x 12 mm screws



Pan head screws

pages 13.9-13.10



- > Concealed mounting for floating shelves
- > Material thickness: 30–40 mm (1 3/16"–1 9/16")
- > Inclination adjustment: -1 + 4° 10 mm spanner
- > Height adjustment: +/- 2 mm via slotted plate
- > Side adjustment: +/- 2.5 mm via locking screw
- > Weight capacity/support for shelf depth 160–300 mm (6 5/16"–11 13/16"): 15 kg (33 lb), 30 kg/pair (66 lb)
- > Material: Zinc/Steel

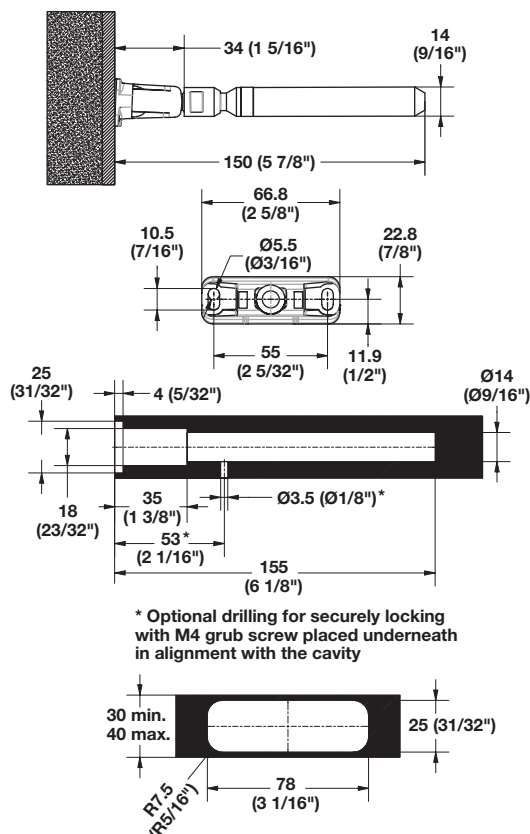
→ TRIADE Shelf Support



→ TRIADE Shelf Support Bracket



Item No.
283.39.053



- > Provides extra support to TRIADE shelf supports by providing 3 fixing points via Ø8 mm pin and screw fix
- > Material: Steel

Finish

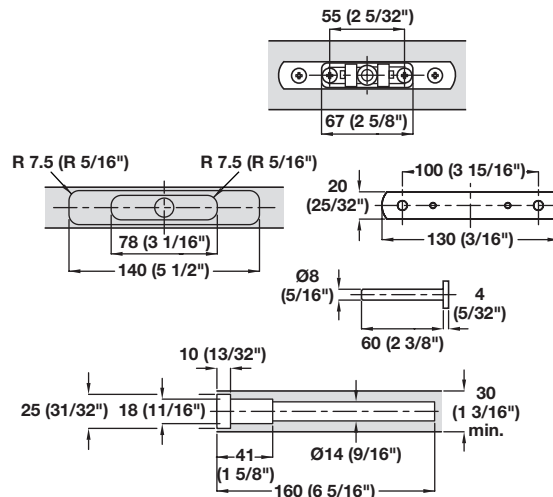
zinc-plated

Item No.

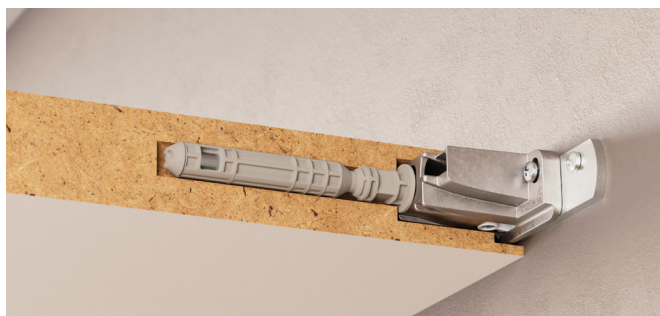
283.39.019

Supplied With

M5 x 12 mm screws

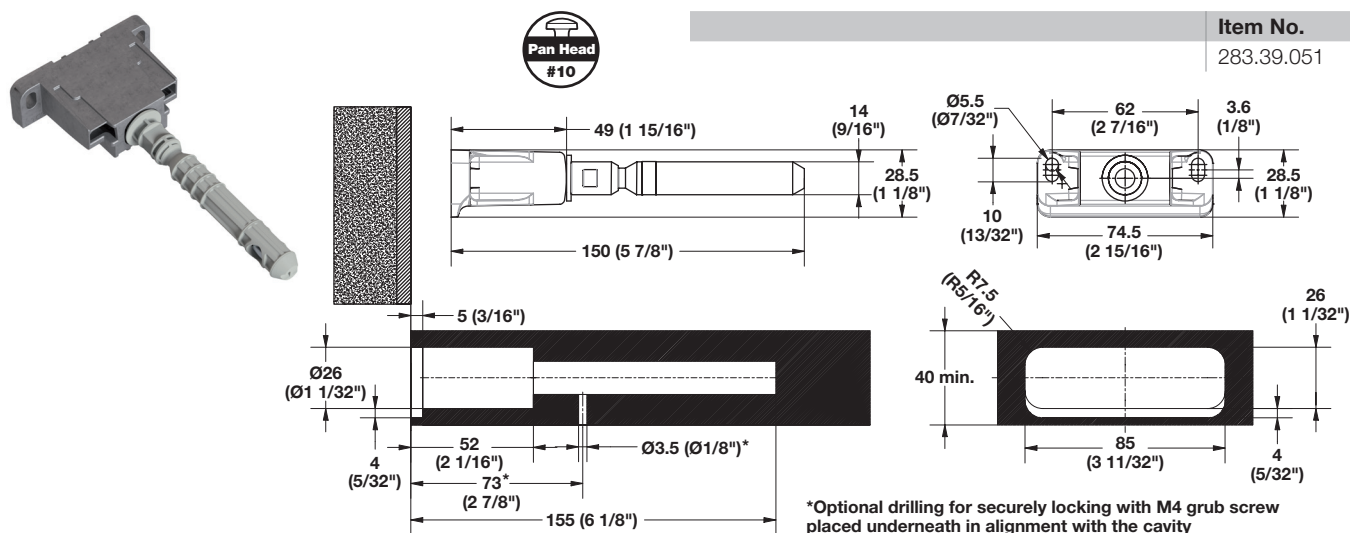


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

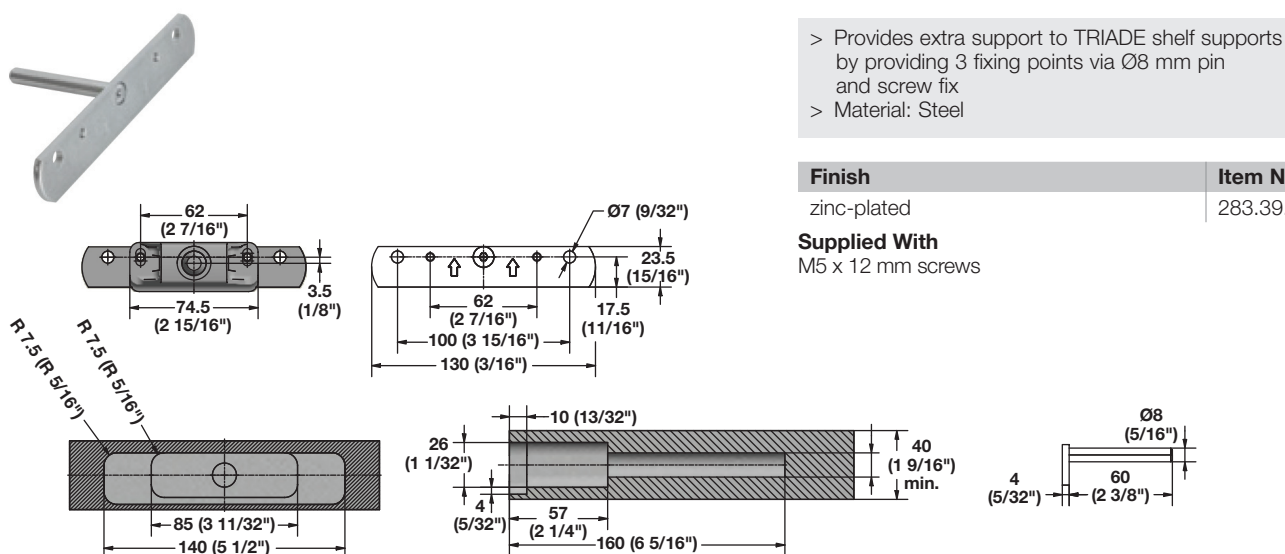


- > Concealed mounting for floating shelves
- > Material thickness: 40 mm (1 9/16")
- > Inclination adjustment: -8 to 20 mm with 10 mm spanner
- > Height adjustment: +/- 2.5 mm with slotted plate
- > Side adjustment: +/- 2.5 mm with locking screw
- > Weight capacity/support for shelf depth 200–400 mm (7 7/8"–15 3/4"): 20 kg
- > Material: Zinc/Steel

→ TRIADE MAXI Shelf Support



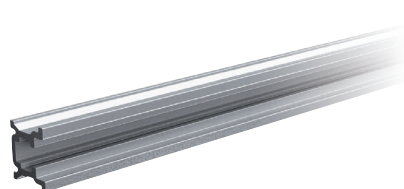
→ TRIADE MAXI Shelf Support Bracket





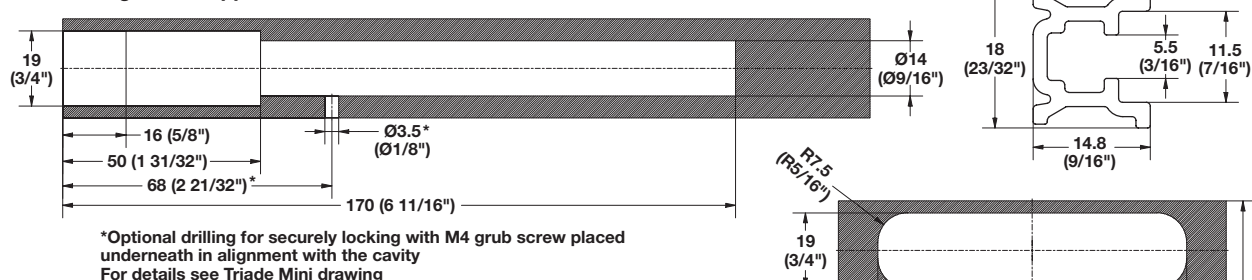
- > Optional solution for mounting on drywall surfaces with framework
- > Use with TRIADE or TRIADE Mini supports
- > Can be cut and drilled
- > Attaches to framework with #10 pan head screw
- > Length: 2,400 mm (94 15/32")
- > Material: Aluminum

→ TRIADE/TRIADE Mini Aluminum Profile

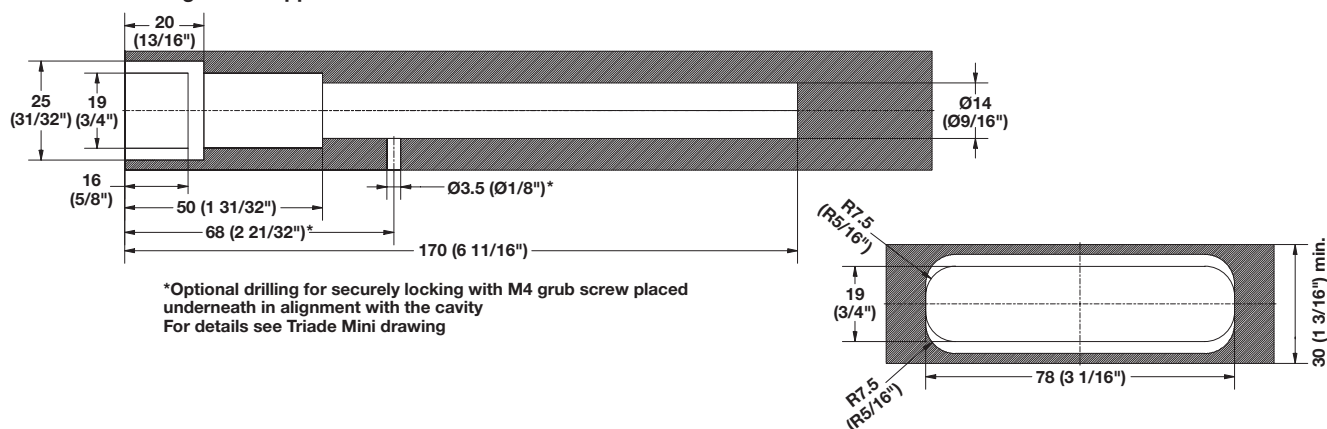


Item No.
283.39.030

Drilling for the application with Triade Mini



Drilling for the application with Triade

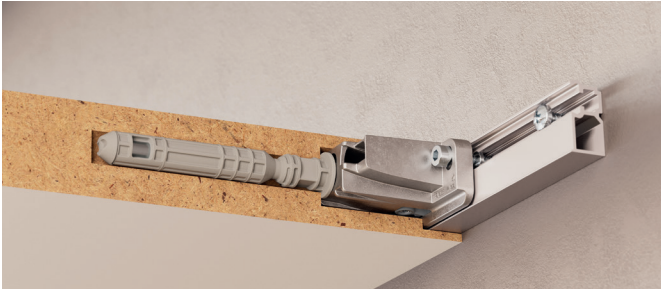


→ Hardware for TRIADE Shelf Supports

- > For attaching any TRIADE shelf support to aluminum profile
- > Material: Steel

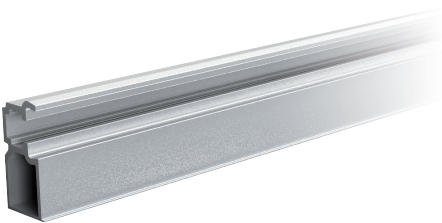
Item No.
283.39.032

Supplied With
4 - M5 x 20 mm screws
4 - M5 square nuts



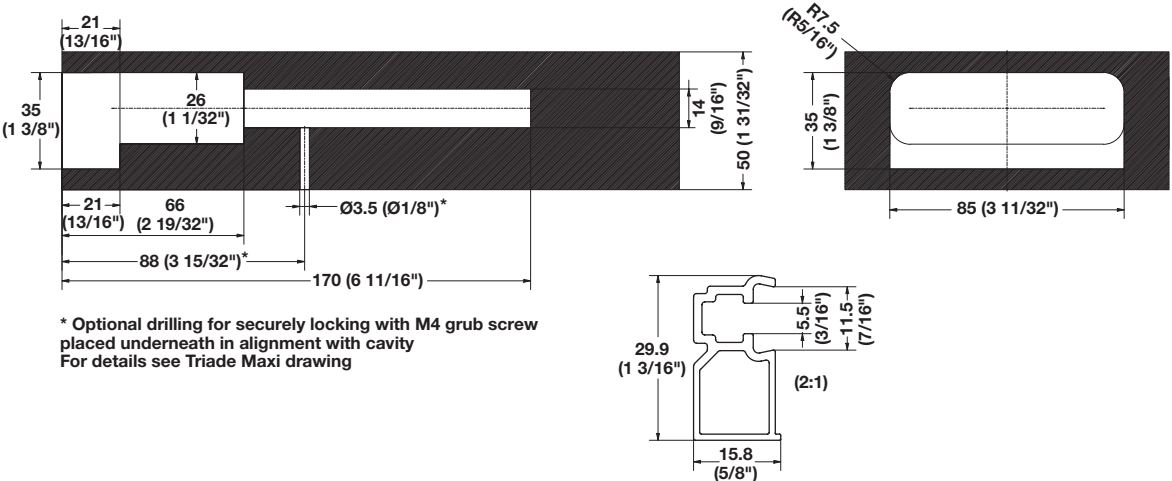
- > Optional solution for mounting on drywall surfaces with framework
- > Use with TRIADE Maxi supports
- > Can be cut and drilled
- > Attaches to framework with #10 pan head screw
- > Length: 2,400 mm (94 15/32")
- > Material: Aluminum

→ TRIADE Maxi Aluminum Profile



Item No.
283.39.031

Drilling for the application with Triade Maxi



→ Hardware for TRIADE Shelf Supports

- > For attaching any TRIADE shelf support to aluminum profile
- > Material: Steel

Item No.
283.39.032

Supplied With
4 - M5 x 20 mm screws
4 - M5 square nuts



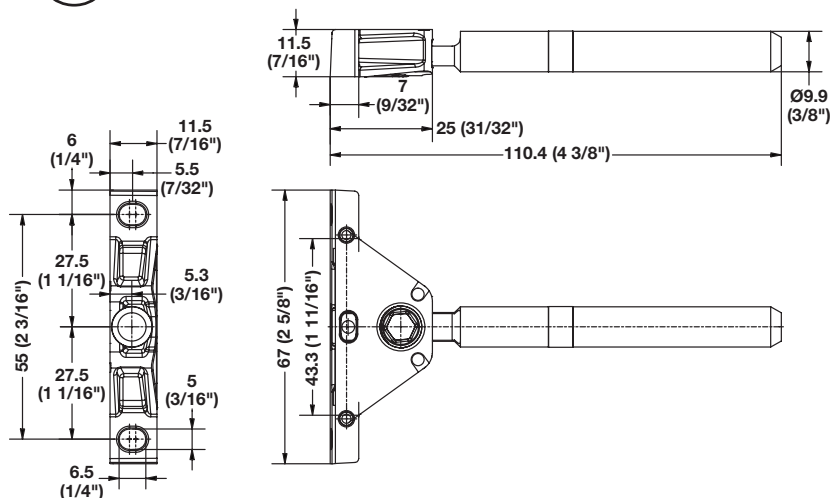
- > Concealed mounting for floating shelves
- > Material thickness: min. 18 mm (23/32")
- > Adjustments: Inclination: -1-5 mm with 2 mm hex key
(lock with 6 mm hex key)
Height: +/- 1 mm with slotted plate
Side: +/- 2 mm (lock with 6 mm hex key)
- > Weight capacity/pair for shelf depth 200 mm (7 7/8"):
15 kg (33 lbs.)
- > Material: Zinc/Steel

→ TRIADE PRO SLIM Shelf Support



Item No.

283.39.049

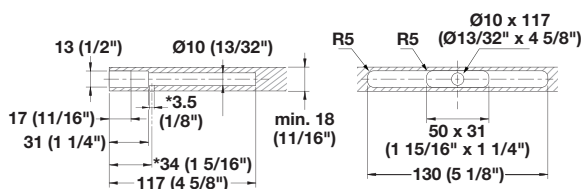


→ TRIADE PRO SLIM Bracket



Item No.

283.39.060



*Optional drilling for security locking with M4 grub screw placed underneath in alignment with the cavity. For details refer to Triade Slim section.

→ Hex Key



- > Material: Steel; Finish: zinc-plated

Size

Item No.

2

008.28.017

6

008.28.260

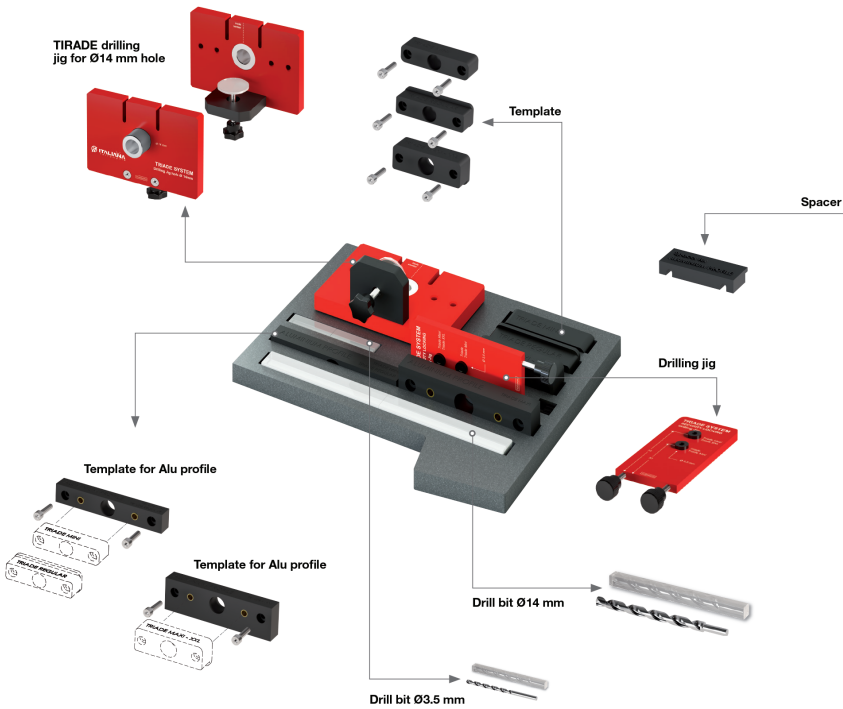
→ TRIADE Drilling Jig Kit



> Complete kit for TRIADE Mini, TRIADE, and TRIADE Maxi

Item No.
356.12.091

Supplied With
 Plastic case
 TRIADE drilling jig
 14 mm drill bit
 Drilling jig for security locking
 Template and spacer for TRIADE Mini, TRIADE, and TRIADE Maxi
 Aluminum profile
 3.5 mm drill bit
 Instruction book
 4 mm hex key
 Mounting screws



→ TRIADE Drill Bit



> Ø14 mm for shelf drilling
 > Material: Steel

Item No.
001.41.364

PAGE RESERVED FOR
NEW PRODUCT

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

12

PAGE RESERVED FOR
NEW PRODUCT

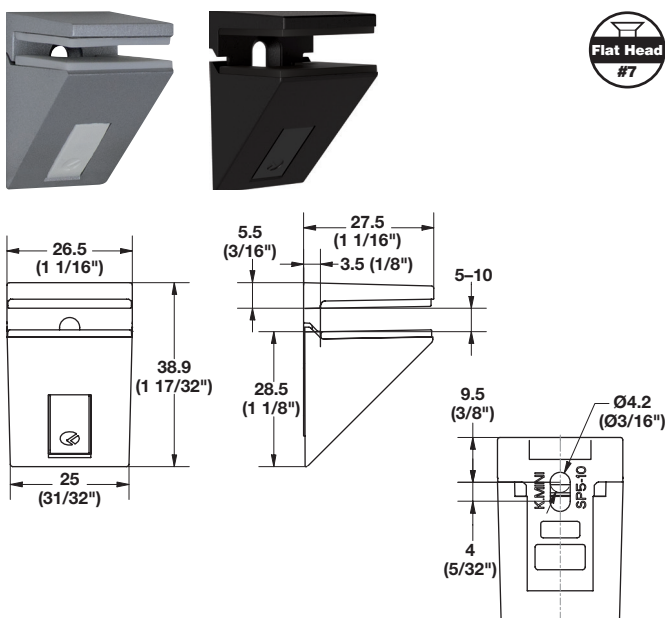
PAGE RESERVED FOR
NEW PRODUCT

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Connectors and Shelf Supports

12

→ KALABRONE MINI Glass Shelf Support

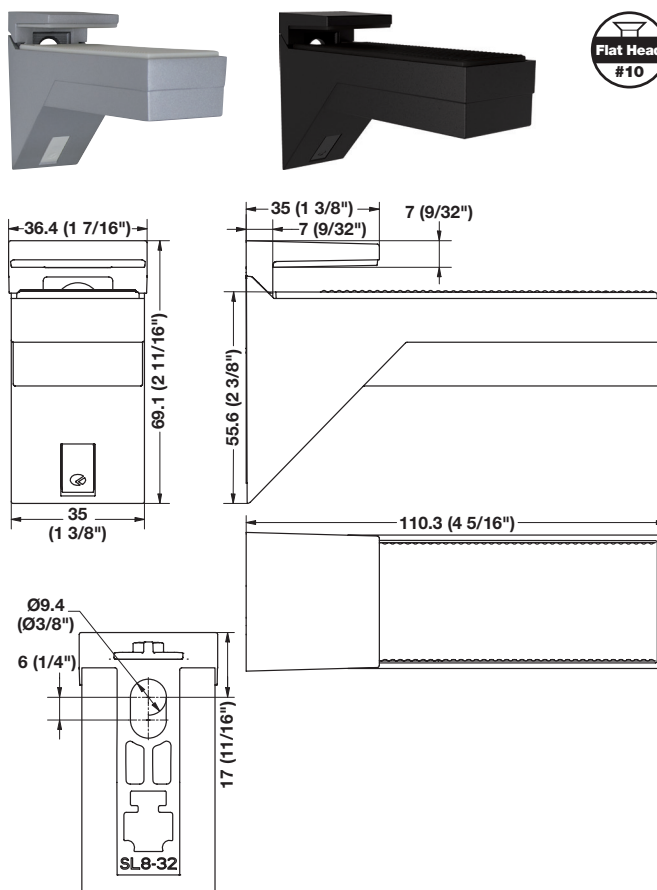
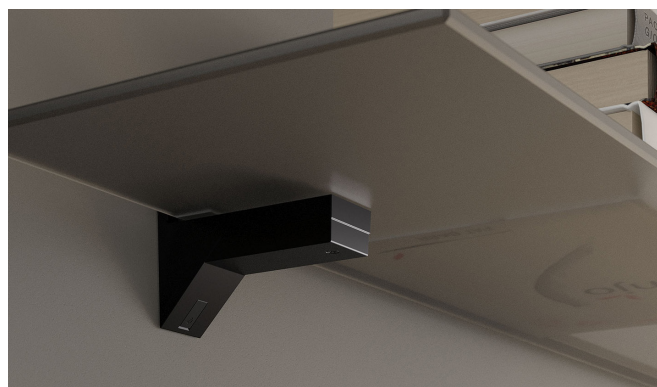


- > Adjustable for glass thickness: 5–10 mm (3/16"–13/32")
- > Wall mounted
- > Soft rubber inserts on clamping surfaces
- > Weight capacity/shelf with 150 mm (5 29/32") depth: 6 kg (13 lbs.)
- > Material: Zinc

Finish	Item No.
silver, RAL 9006	284.09.930
black	284.09.330

Supplied With
Clamping screw
Plastic cover
Mounting instructions

→ KALABRONE Glass Shelf Support



- > Adjustable for glass thickness: 8–30 mm (5/16"–1 3/16")
- > Adjustment screw for inclination of shelf
- > Wall mounted
- > Soft rubber inserts on clamping surfaces
- > Weight capacity/shelf with 320 mm (12 19/32") depth: 25 kg (55 lbs.)
- > Material: Zinc

Finish	Item No.
silver, RAL 9006	284.09.980
black	284.09.381

Supplied With
Clamping screw, Plastic cover, Mounting instructions

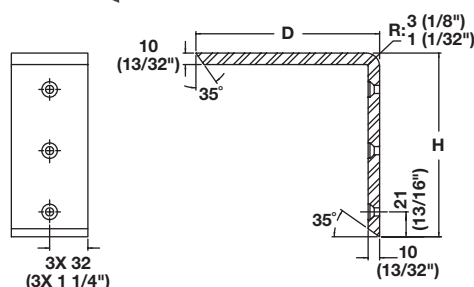
Flat head screws pages 13.7-13.8, 13.10, 13.13

Centerline Countertop Support Brackets



- > Designed to create a floating countertop effect
- > Provides support for overhanging granite and stone countertops
- > Surface mounted in vertical plate at stud location
- > Made in USA from domestically-sourced steel
- > Width x thickness: 63 x 10 mm (2 1/2" x 13/32")
- > Material: Steel, powder-coated; Finish: black

→ Front Mounting Bracket

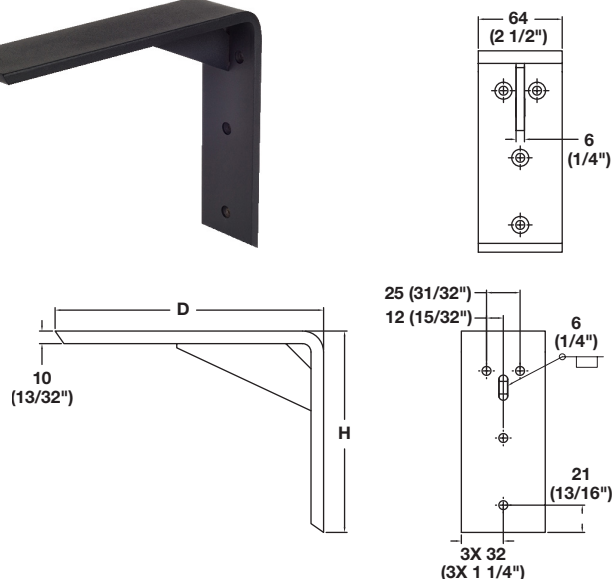


- > Supports overhang: max. 406 mm (16")

D x H	Finish	Item No.
254 x 203 (10" x 8")	black	287.75.332
305 x 254 (12" x 10")	black	287.75.333
356 x 254 (14" x 10")	black	287.75.334
356 x 254 (14" x 10")	white	287.75.734

Supplied With
Mounting screws

→ Front Mounting Plus Bracket



- > Creates floating countertops, vanities, shelves, benches, and worksurfaces
- > Low-profile gusset feature for additional support
- > Supports overhang: max. 610 mm (24")

D x H	Finish	Item No.
356 x 254 (14" x 10")	black	287.75.313
406 x 305 (16" x 12")	black	287.75.314
467 x 305 (18" x 12")	black	287.75.315
508 x 356 (20" x 14")	black	287.75.316
508 x 356 (20" x 14")	white	287.75.716
559 x 356 (22" x 14")	black	287.75.317
610 x 406 (24" x 16")	black	287.75.318

Supplied With
Mounting screws

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

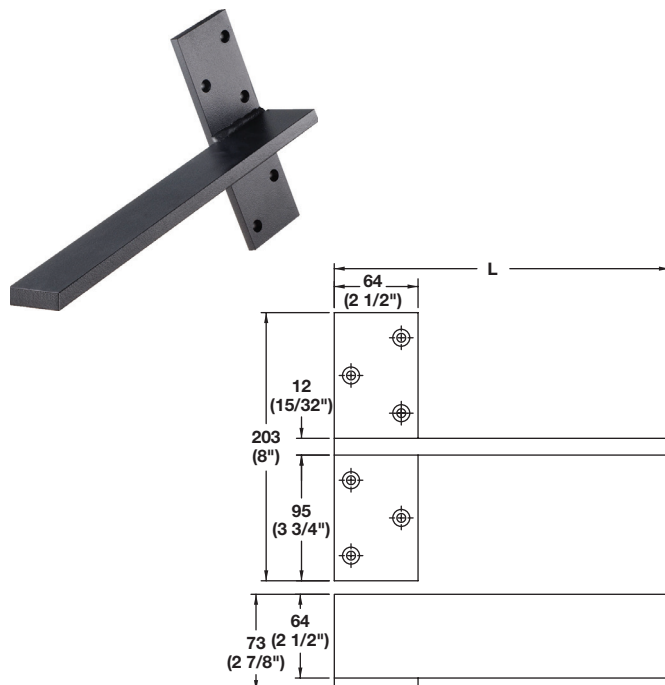
Connectors and Shelf Supports

12

Centerline Countertop Support Brackets

- > Designed to create a floating countertop effect
- > Provides support for overhanging granite and stone countertop surfaces
- > Surface mount in vertical plate at stud location
- > Made in USA from domestically-sourced steel
- > Width x thickness: 63 x 10 mm (2 1/2" x 13/32")
- > Material: Steel, powder-coated; Finish: black

→ Floating Wall Mounting Bracket

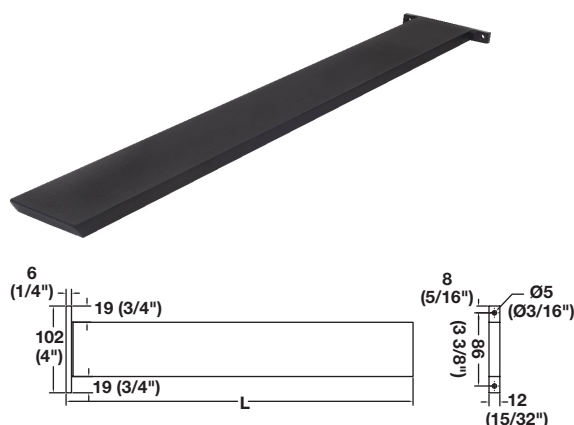


- > Designed for floating countertops, vanities, shelves, benches, and work surfaces
- > Concealed mount to stud behind drywall
- > 76 mm (3") of bracket length is hidden inside wall
- > Non-handed
- > Material: Steel, powder-coated; Finish: black

Length	Item No.
305 (12")	287.75.352
356 (14")	287.75.354
457 (18")	287.75.357
508 (20")	287.75.358
559 (22")	287.75.360

Supplied With
Mounting screws

→ Island Bracket



- > Designed for cantilever support of island or peninsula countertops
- > 102 mm (4") flange for attachment to inside of cabinet face frame
- > Notch cabinet for flush fit
- > Width x thickness: 63 x 13 mm (2 15/32" x 1/2")
- > Material: Steel, powder-coated; Finish: black

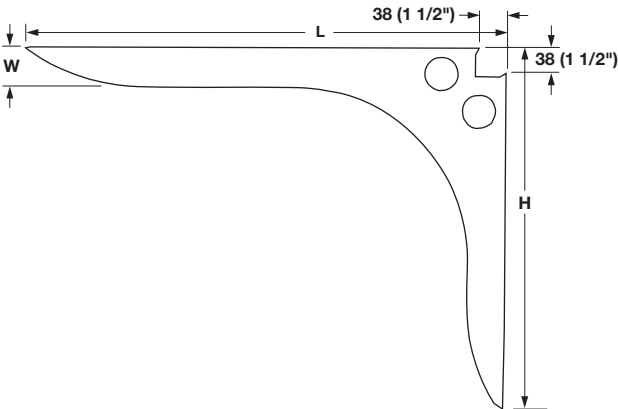
Length	Item No.
762 (30")	287.75.380
813 (32")	287.75.382
864 (34")	287.75.384
914 (36")	287.75.386

Supplied With
Mounting screws

SpeedBrace



- > 19 x 38 mm (3/4" x 1 1/2") notching system for fast and easy alignment after installing a level wall cleat
- > Two different sized arm lengths, which allow for one brace to be used for two different sized countertops
- > Heavy-duty folded steel design for strength
- > Two conduit holes, which are designed for running power and communication cables independently
- > Countersunk screw holes allow screws to be mounted flush, recommended screw size is a #8 with a countersunk head
- > Countertop overhang: max. 152 mm (6")
- > Weight capacity/pair: 454 kg (1,000 lbs.) mounted on 406 mm (16") centers
- > Material: Steel, epoxy or Stainless Steel



Finish	L x W x H	Item No.
stainless steel	711 x 45 x 533 (28" x 1 3/4" x 21")	287.77.003
black	711 x 45 x 533 (28" x 1 3/4" x 21")	287.74.307
white	711 x 45 x 533 (28" x 1 3/4" x 21")	287.74.707
black	610 x 45 x 533 (24" x 1 3/4" x 21")	287.74.305
white	610 x 45 x 533 (24" x 1 3/4" x 21")	287.74.705
stainless steel	457 x 38 x 381 (18" x 1 1/2" x 15")	287.77.002
black	457 x 38 x 381 (18" x 1 1/2" x 15")	287.74.304
white	457 x 38 x 381 (18" x 1 1/2" x 15")	287.74.704
stainless steel	305 x 38 x 203 (12" x 1 1/2" x 8")	287.77.001
black	305 x 38 x 203 (12" x 1 1/2" x 8")	287.74.301
white	305 x 38 x 203 (12" x 1 1/2" x 8")	287.74.701

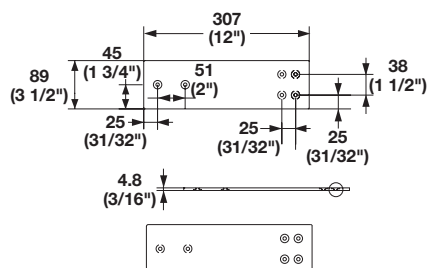
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head screws	pages 13.7-13.8, 13.10, 13.13
Snaptoggle® bolts	page 12.107

SpeedBrace

- > Supports overhanging countertops without visible cleats or expensive corbels
- > Material: Steel

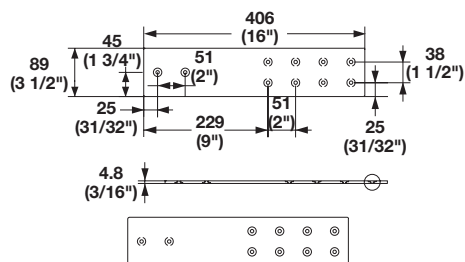
→ Stealth, 307 mm (12") length



- > L x W x H: 307 x 89 x 4.8 mm (12" x 3 1/2" x 3/16")
- > Weight capacity/pair: max. 300 lbs.

Finish	Item No.
black	287.74.310

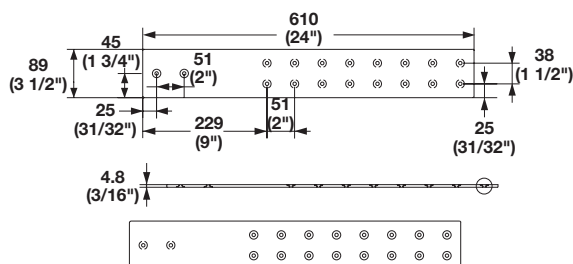
→ Stealth, 406 mm (16") length



- > L x W x H: 406 x 89 x 4.8 mm (16" x 3 1/2" x 3/16")
- > Weight capacity/pair: max. 300 lbs.

Finish	Item No.
black	287.74.311

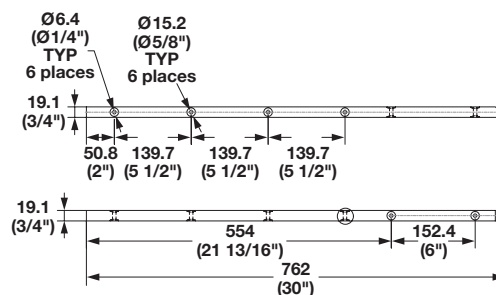
→ Stealth, 610 mm (24") length



- > L x W x H: 610 x 89 x 4.8 mm (24" x 3 1/2" x 3/16")
- > Weight capacity/pair: max. 300 lbs.

Finish	Item No.
black	287.74.312

→ Stealth, 762 mm (30") length

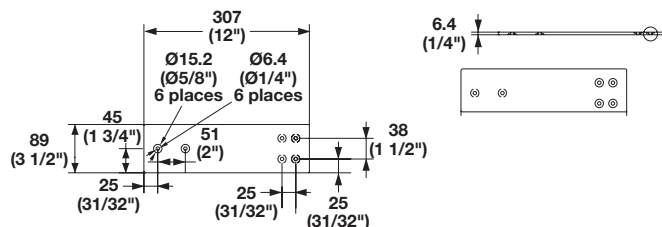


- > L x W x H: 762 x 19 x 19 mm (30" x 3/4" x 3/4")
- > Weight capacity/pair: max. 1,000 lbs.

Finish	Item No.
black	287.74.313

SpeedBrace

→ Stealth HD, 307 mm (12") length



> L x W x H: 307 x 89 x 6.4 mm (12" x 3 1/2" x 1/4")
> Weight capacity/pair: max. 500 lbs.

Finish

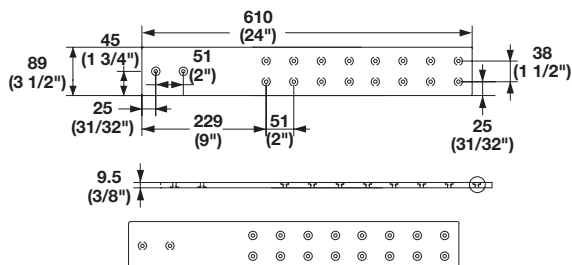
black

Item No.

287.74.315

- > Supports overhanging countertops without visible cleats or expensive corbels
- > Material: Steel

→ Stealth HD, 610 mm (24") length



> L x W x H: 610 x 89 x 9.5 mm (24" x 3 1/2" x 3/8")
> Weight capacity/pair: max. 500 lbs.

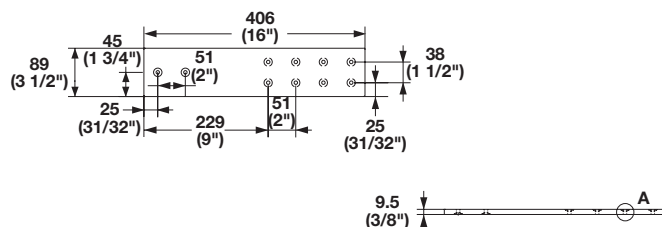
Finish

black

Item No.

287.74.317

→ Stealth HD, 406 mm (16") length



> L x W x H: 406 x 89 x 9.5 mm (16" x 3 1/2" x 3/8")
> Weight capacity/pair: max. 500 lbs.

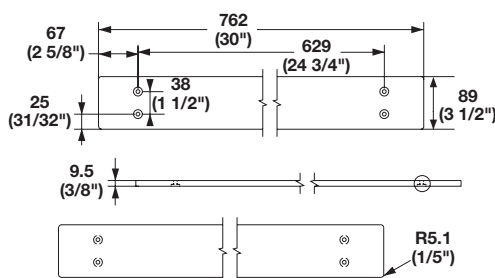
Finish

black

Item No.

287.74.342

→ Stealth HD, 762 mm (30") length



> L x W x H: 762 x 89 x 4.8 mm (30" x 3 1/2" x 3/16")
> Weight capacity/pair: max. 500 lbs.

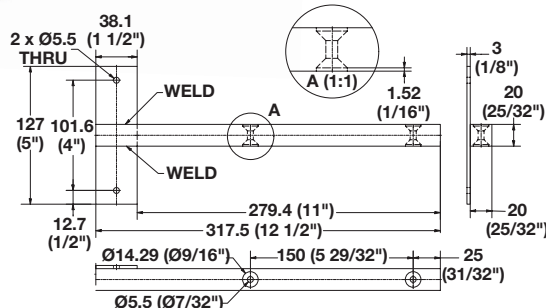
Finish

black

Item No.

287.74.318

→ SpeedBrace T-Brace



- > Provides support for floating shelves
- > Reversible for left/right hand attachment
- > W x L: 19 x 279 mm (3/4" x 11")
- > Weight capacity/pair: max. 300 lbs.

Finish

black

Item No.

287.74.360

Supplied With
Mounting screws
Driver bit

→ Rigid Brackets

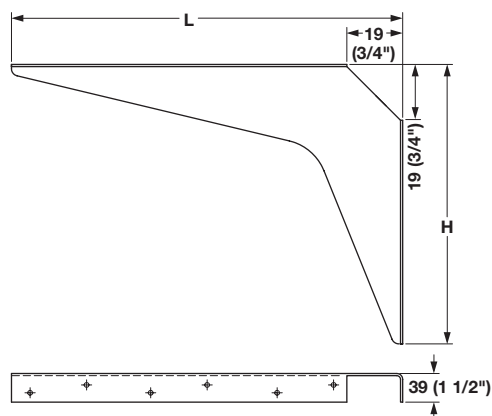


- > Larger sizes feature cut-outs for wire management
- > Thickness: 3 mm (1/8")
- > Weight capacity/pair: 690–1,318 kg (1,520–2,900 lbs.)
- > W x D x H: 214 x 25 x 68 mm (8 7/16" x 31/32" x 2 11/16")
- > Material: Steel, powder-coated

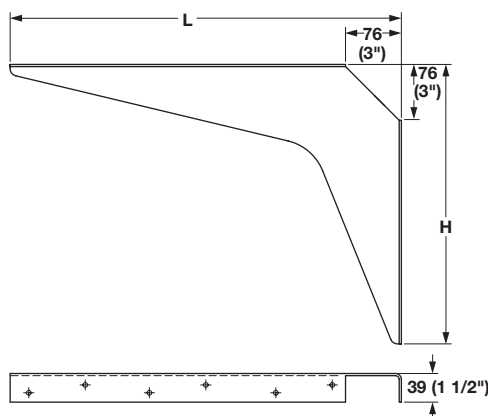
L x H	black	white
203 x 127 (8" x 5")	287.80.300	287.80.700
305 x 203 (12" x 8")	287.80.301	287.80.701
457 x 305 (18" x 12")	287.80.303	287.80.703
533 x 381 (21" x 15")	287.80.305	287.80.705
457 x 457 (18" x 18")	287.80.306	287.80.706
610 x 457 (24" x 18")	287.80.307	287.80.707
533 x 533 (21" x 21")	287.80.308	287.80.708

Note

Packaged in equal quantities of left hand and right hand brackets.



For items No.: 287.80.300, 287.80.301, 287.80.700 and 287.80.701



All additional sizes

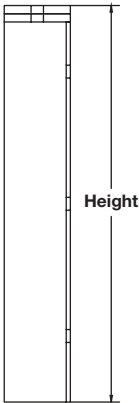
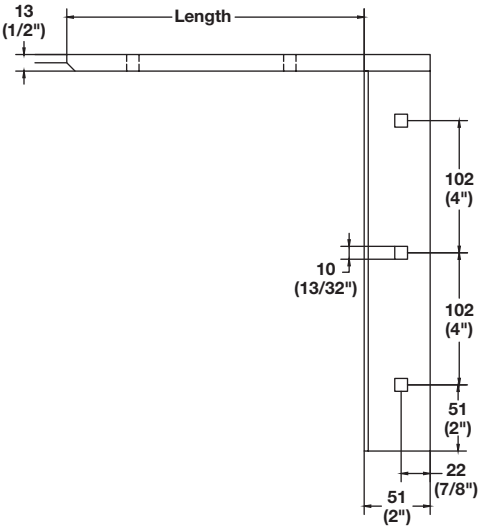
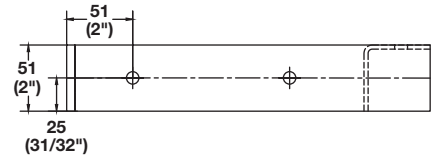
→ Concealed Flat Design Brackets



- > Concealed flat bracket design for attachment to wall studs
- > Mounts with 3/8-16 x 3" carriage bolts
- > Thickness: 3 and 13 mm (1/8" and 1/2")
- > Weight capacity/pair: 500–2,227 kg (1,100–4,900 lbs.)
- > Material: Steel, powder-coated

L x H	black	white
305 x 229 (12" x 9")	287.80.330	287.80.730
305 x 305 (12" x 12")	287.80.331	287.80.731
381 x 305 (15" x 12")	287.80.332	287.80.732
457 x 457 (18" x 18")	287.80.333	287.80.733
533 x 457 (21" x 18")	287.80.334	287.80.734
610 x 457 (24" x 18")	287.80.335	287.80.735

Supplied With
Mounting hardware



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

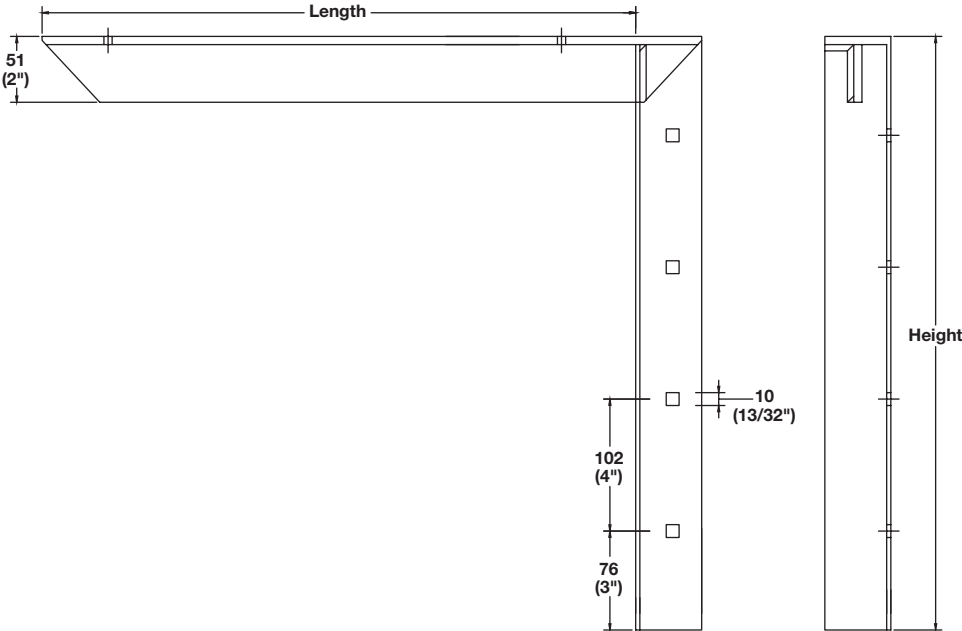
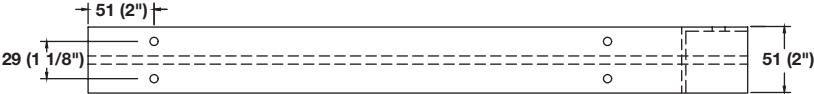
→ Concealed Design Brackets



- > Concealed bracket design for attachment to wall studs
- > Mounts with 3/8-16 x 3" carriage bolts
- > Thickness: 3 and 6 mm (1/8" and 1/4")
- > Weight capacity/pair: 454–3,618 kg (1,000–7,960 lbs.)
- > Material: Steel, powder-coated

L x H	black	white
457 x 457 (18" x 18")	287.80.323	287.80.723
533 x 457 (21" x 18")	287.80.324	287.80.724
609 x 457 (24" x 18")	287.80.325	287.80.725

Supplied With
Mounting hardware



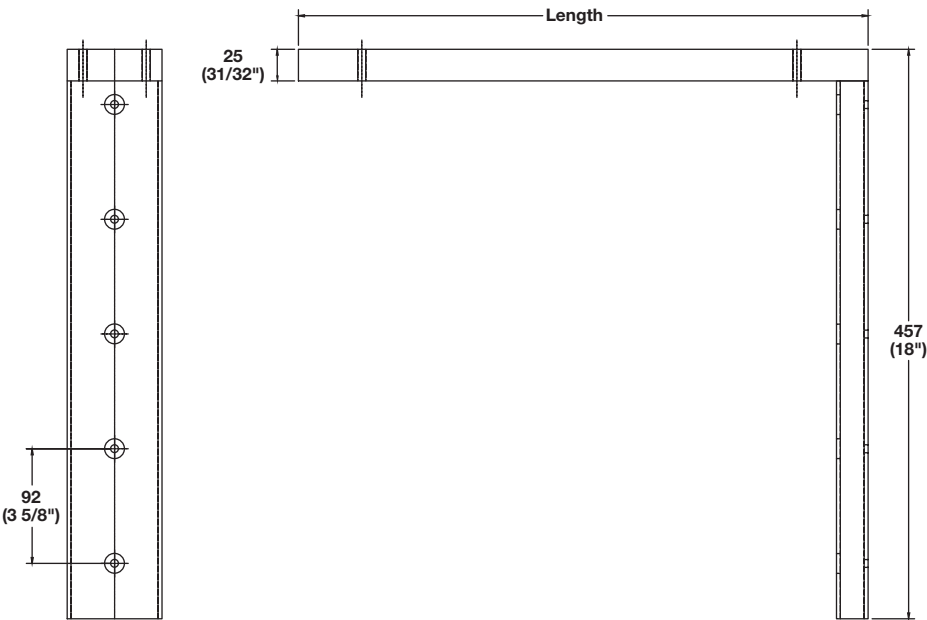
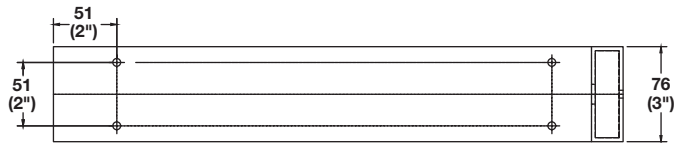
→ Heavy-Duty Hybrid Brackets



- > Double studs are recommended for installation
- > Weight capacity/pair: 614–773 kg (1,350–1,700 lbs.)
- > Material: Steel, powder-coated

L x H	black	white
457 x 457 (18" x 18")	287.80.340	287.80.740
610 x 457 (24" x 18")	287.80.341	287.80.741

Supplied With
Mounting hardware



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

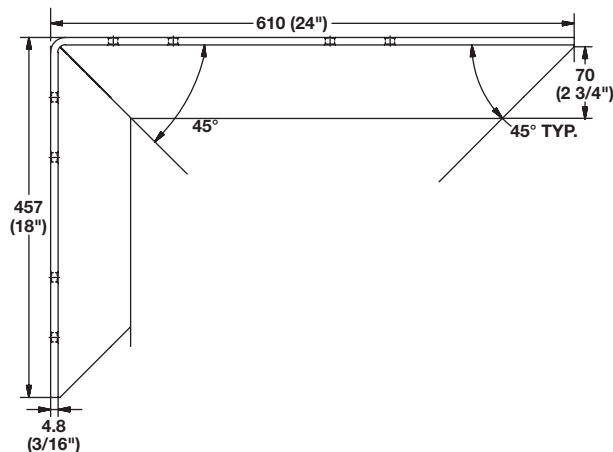
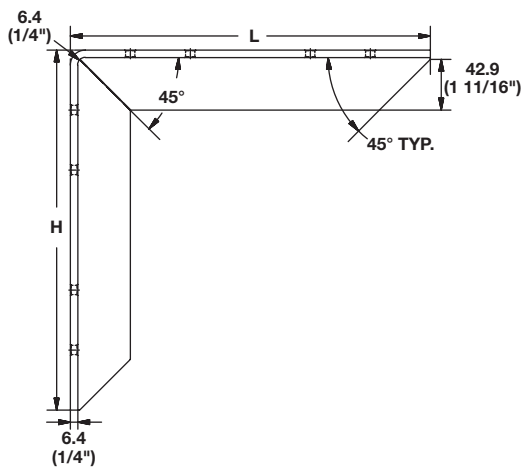
→ Countertop Support Brackets



- > Practical alternative to full-height, laminated panel supports
- > Provides accessibility for vanity applications
- > Supports counter depths: 457–762 mm (18"–30")
- > Advantages of aluminum:
 - Recyclable: more sustainable than steel
 - Corrosion resistance: non-ferrous metal
 - Lightweight: reduced transportation cost
- > Material: Aluminum



Unfinished



L x H	Weight capacity/bracket	Thickness	powder white	powder chrome	unfinished
305 x 305 (12" x 12")	295 kg (650 lbs.)	6 (1/4")	-	-	287.74.050
457 x 457 (18" x 18")	204 kg (450 lbs.)	6 (1/4")	287.74.751	287.74.451	287.74.051
457 x 610 (18" x 24")	204 kg (450 lbs.)	4.8 (3/16")	287.74.752	287.74.452	287.74.052

Supplied With
2 Brackets

Note

Fastens to single stud. Double studs and blocking are not required. Offset hole provides greater stability. Brackets may also be attached with Snaptoggle® bolts.

Pan head screws	pages 13.9-13.10
Snaptoggle® bolts	page 12.107

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

ADA Vanity Bracket



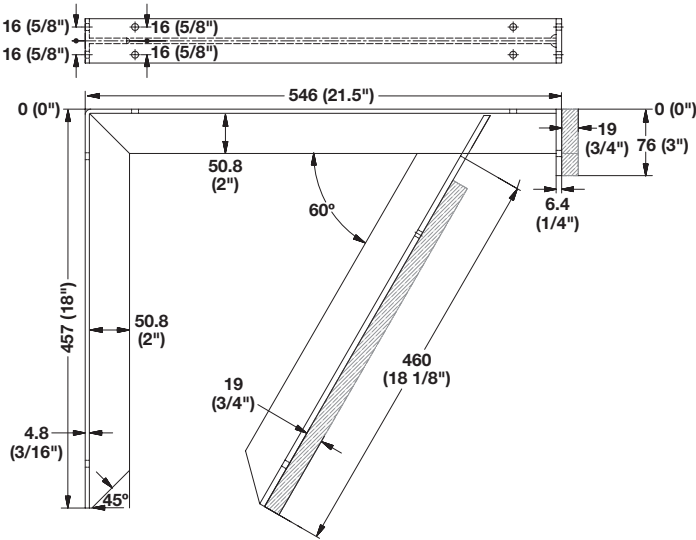
- > Designed for installation of a sink with plumbing
- > Corrosion-resistant, lightweight aluminum construction
- > 19 mm (3/4") wood strips for mounting fascia panels
- > Weight capacity: 204 kg (450 lbs.)
- > L X H: 559 x 457 mm (22" x 18")
- > Material: Aluminum, unfinished

Item No.

287.74.053

Note

Using double studs or blocking provides greater stability.



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

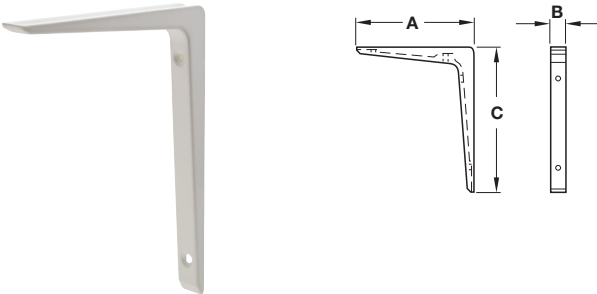
Pan head screws

pages 13.9-13.10

Note

Weight capacities are approximate and can change depending on application. These numbers were determined by static testing distributing the weight evenly over the surface, without extending the length of the bracket.

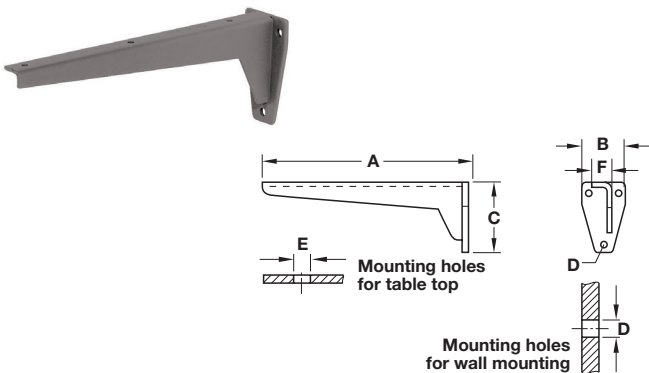
→ Shelf Support Brackets



> Material: Aluminum, lacquered; Color: white

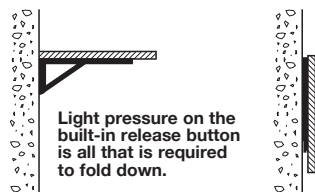
A	C	B	Screw hole	Weight capacity	Item No.
150	200	20	5.0	120 kg (265 lbs.)	287.35.741
200	250	24	5.0	130 kg (285 lbs.)	287.35.750
200	300	26	6.0	150 kg (330 lbs.)	287.35.759

→ Hebgo Brackets



> Material: Steel

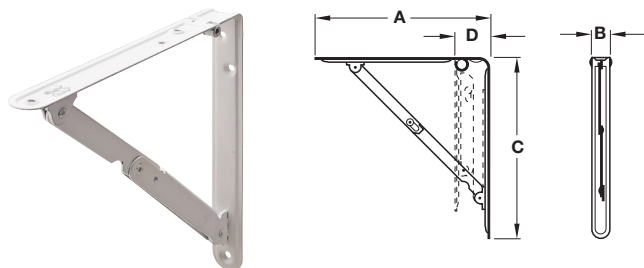
Weight capacity/ pair	A	B	C	D	E	F	gray primed	galvanized
150 kg (330 lbs.)	200	46	80	8	5	20	287.44.416	-
	240	46	80	8	5	20	287.44.425	-
	280	53	100	8	6	22	287.44.434	-
	330	53	100	8	6	22	287.44.443	-
	380	65	130	10	6	25	287.44.452	-
	480	65	130	10	6	25	287.44.461	287.44.961
	580	82	170	10	6	30	287.44.470	-
	680	82	170	10	6	30	287.44.489	-
500 kg (1100 lbs.)	380	80	180	12	6	32	287.45.459	-
	480	80	180	12	6	32	287.45.468	287.45.968
	580	100	220	15	6	40	287.45.477	-
	680	100	220	15	6	40	287.45.486	-
	780	100	220	15	6	40	287.45.495	-



Note

Weight capacities are approximate and can change depending on application. These numbers were determined by static testing distributing the weight evenly over the surface, without extending the length of the bracket.

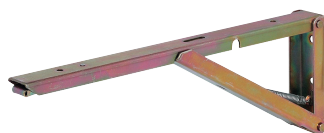
→ Folding Bracket



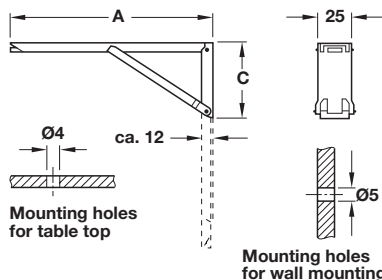
- > Folding with locking devices
- > Screw hole: 5 mm (3/16")
- > Distance between brackets: max. 600 mm (23 5/8")
- > Material: Steel, enameled; Finish: white

A	C	D	B	Weight capacity/pair	Item No.
210	200	40	24	30 kg (66 lbs.)	287.40.740
320	310	45	30	50 kg (110 lbs.)	287.40.741
430	410	55	30	60 kg (132 lbs.)	287.40.742

→ Hinged Spring Bracket

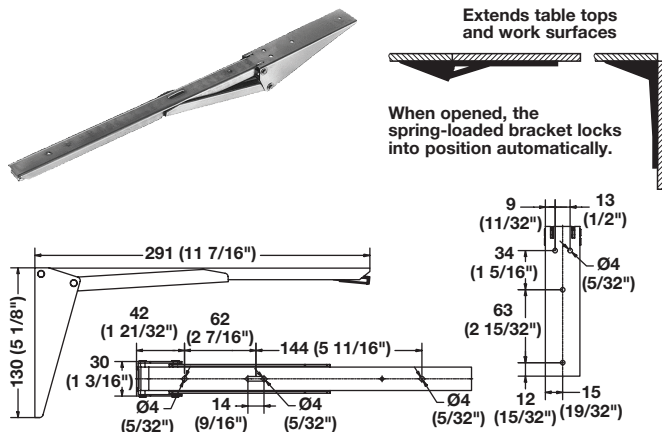


- > Screw mounted, for vertical installation
- > Weight capacity/pair: 40 kg (88 lbs.)
- > Material: Steel; Finish: yellow chromated



A	C	Item No.
250	85	287.41.906
380	120	287.41.915

→ Folding Bracket with Spring



- > For extending tabletops
- > With release lever to fold the top down
- > Weight capacity/pair: 30 kg (66 lbs.) over an evenly distributed load
- > Customer is responsible for mounting in suitable material with proper screws
- > Recommended top depth: max. 406 mm (16")
- > Material: Steel

Finish	Item No.
zinc-plated	287.41.951

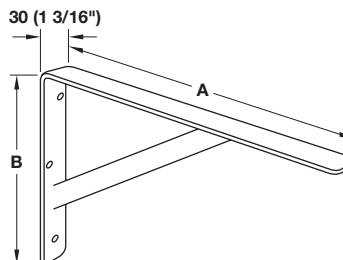
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

KV Brackets

→ 208 Series Ultimate L-Brackets, Super Duty



- > Shelf height: 305–610 mm (12"–24")
- > Weight capacity/pair: max. 544 kg (1,200 lbs.)
- > Material: Steel



Size	Finish	A	B	KV Model No.	Item No.
300 (12")	black	300 (12")	203 (8")	208 BLK 300	287.55.361
300 (12")	white	300 (12")	203 (8")	208 WH 300	287.55.761
406 (16")	black	400 (15 3/4")	254 (10")	208 BLK 400	287.55.362
406 (16")	white	400 (15 3/4")	254 (10")	208 WH 400	287.55.762
508 (20")	black	500 (19 11/16")	333 (13 1/8")	208 BLK 500	287.55.363
508 (20")	white	500 (19 11/16")	333 (13 1/8")	208 WH 500	287.55.763
559 (22")	black	550 (21 5/8")	361 (14 3/16")	208 BLK 550	287.55.364
559 (22")	white	550 (21 5/8")	361 (14 3/16")	208 WH 550	287.55.764

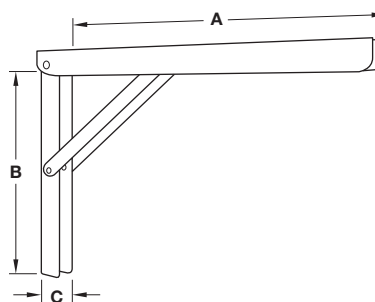
*Note

Proper installation and mounting required. Tested to meet or exceed ANSI/BHMA 156.9-2003 performance standards. Weight limits are based on standards mounted on 16" centers and are intended for use as general guidelines only. No warranty, expressed or implied, supplied by Häfele.

→ 206 Series Folding Bracket, Heavy Duty



- > Shelf height: 300–610 mm (12"–24")
- > Adjustable to 4 positions: 90°, 80°, 70° and 0° (closed position)
- > Spring-loaded release lever allows worksurface to be quickly and easily folded out of the way when no longer needed
- > One-hand adjustment makes bracket easy to open, close, and adjust
- > Material: Steel



Size	Weight capacity/pair	Gauge	A	B	C	KV Model No.	Item No.
300 (12")	340 kg (750 lbs.)	16	300 (12")	200 (7 7/8")	15 (19/32")	206 WH 12	287.31.741
406 (16")	399 kg (880 lbs.)	14	400 (15 3/4")	270 (10 5/8")	20 (25/32")	206 WH 16	287.31.742

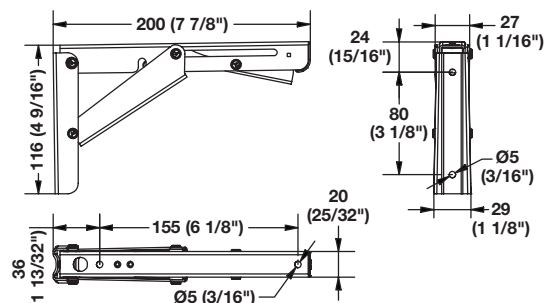
Folding Brackets



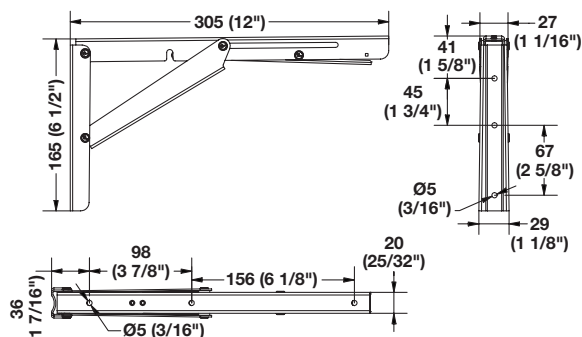
- > Automatically locks when flap is in open position
- > Press lever to release the lock
- > Hinges are not required
- > Available in 3 different sizes
- > Damper unit available for use with brackets (order separately)
- > Material: 304 Stainless Steel

Depth	Weight capacity/ pair	Finish	Item No.
200 (7 7/8")	90 kg (198 lbs.)	stainless steel	287.32.032
200 (7 7/8")	90 kg (198 lbs.)	black	287.32.033
305 (12")	75 kg (165 lbs.)	stainless steel	287.32.030
305 (12")	75 kg (165 lbs.)	black	287.32.031
317 (12 1/2")	100 kg (220 lbs.)	stainless steel	287.32.331
317 (12 1/2")	100 kg (220 lbs.)	black	287.32.330

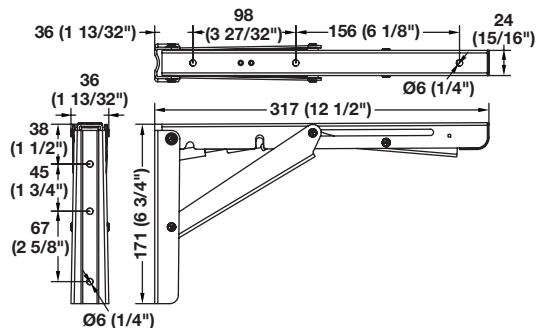
287.32.032/033



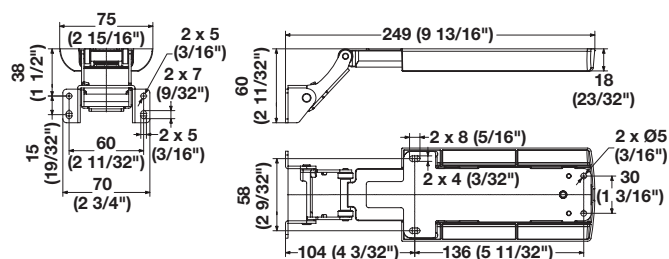
287.32.030/031



287.32.330/331



→ Folding Bracket Damper



- > For use with folding brackets
- > Provides soft close movement downward
- > Easy surface mount installation
- > Material: Plastic/Steel

Item No.
407.34.303

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

- > Automatically locks when flap is in open position
- > Press lever to release the lock
- > Hinges are not required
- > Integrated damper unit with a soft closing feature for smooth, safe opening
- > Durability tested at 50,000 cycles
- > Material: 304 Stainless Steel

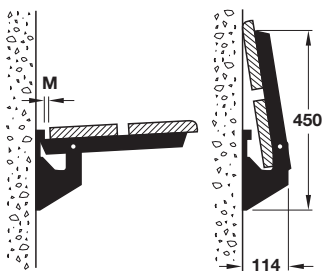
Depth	Weight capacity/ pair	Finish	Item No.
305 (12")	75 kg (165 lbs.)	stainless steel	287.32.051
305 (12")	75 kg (165 lbs.)	black	287.32.050
317 (12 1/2")	100 kg (220 lbs.)	stainless steel	287.32.052
317 (12 1/2")	100 kg (220 lbs.)	black	287.32.053

Technical drawing of a metal structure showing three views: front, side, and top. The front view shows a vertical member 165 (6 1/2'') high and a horizontal member 305 (12'') long. A diagonal member connects the top of the vertical member to the horizontal member. The side view shows a vertical member 38 (1 1/2'') high and a horizontal member 29 (1 1/8'') long. The top view shows a horizontal member 20 (25/32'') high and a vertical member 27 (1 1/16'') long. Dimensions are given in inches and millimeters.

Technical drawing of a metal bracket with dimensions in inches and fractions:

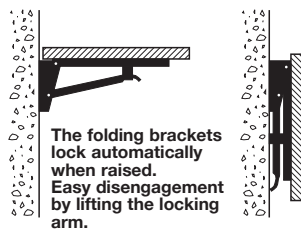
- Top horizontal dimension: 98
- Top left horizontal dimension: 36 (1 13/32")
- Top middle horizontal dimension: (3 27/32")
- Top right horizontal dimension: 156 (6 1/8")
- Top right vertical dimension: 24 (15/16")
- Top right circular hole diameter: Ø6 (1/4")
- Bottom horizontal dimension: 317 (12 1/2")
- Bottom left vertical dimension: 171 (6 3/4")
- Bottom left circular hole diameter: Ø6 (1/4")
- Left vertical dimension: 36 (1 13/32")
- Left vertical dimension: 38 (1 1/2")
- Left vertical dimension: 45 (1 3/4")
- Left vertical dimension: 67 (2 5/8")

Hebgo Folding Brackets



When folded up the bracket requires the space specified. It is pre-drilled for the seat, which can be up to 40 mm thick.

Seat thickness	Minimum gap M
25 mm	17 mm
30 mm	17 mm
35 mm	22 mm
40 mm	28 mm

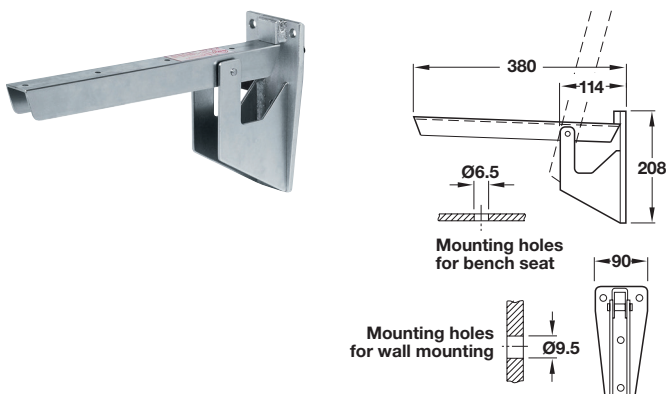


Note

Weight capacities are approximate and can change depending on application. These numbers were determined by static testing distributing the weight evenly over the surface, but not extending the length of the bracket.

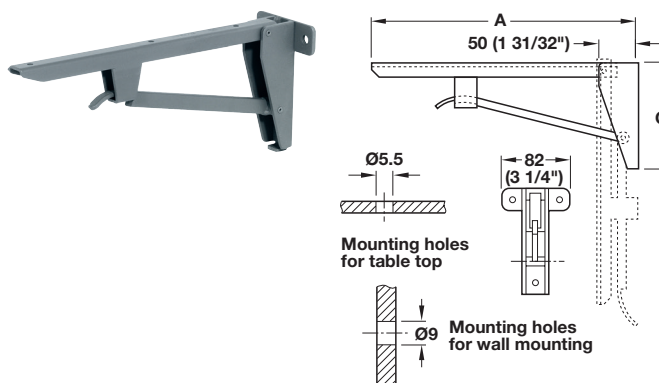


→ Folding Bench Bracket, Heavy Duty



- > Weight capacity/pair: 500 kg (1100 lbs.)
- > Material: Steel, galvanized

→ Table Brackets, Light Duty



- > Weight capacity/pair: 150 kg (330 lbs.)
- > Material: Steel; Color: gray primed

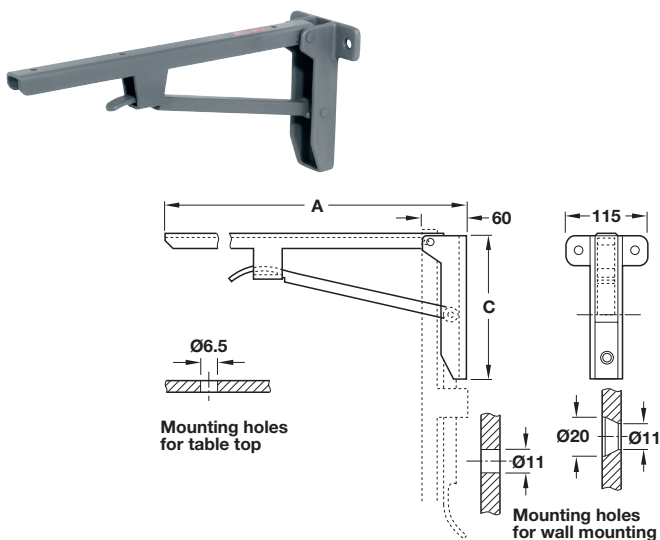
Item No.
287.47.917

Note

Maximum distance between 2 shelf supports is 700 mm (27 9/16").

A	C	Item No.
330	134	287.42.403
380	134	287.42.412
480	152	287.42.421
580	178	287.42.430
680	178	287.42.449

→ Table Brackets, Heavy Duty



- > Weight capacity/pair: 500 kg (1100 lbs.)
- > Material: Steel; Color: gray primed

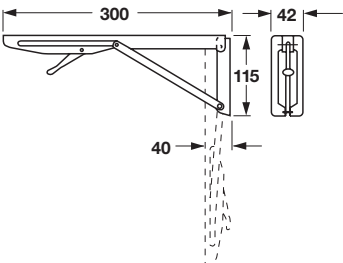
A	C	Item No.
420	180	287.43.400
480	180	287.43.419
580	220	287.43.428

Folding Bracket



- > With locking device in supporting arm
- > Weight capacity: 50 kg (110 lbs.)
- > Material: Steel, bright galvanized

Finish	Item No.
black	287.49.322
white	287.49.724



To fold, lift slightly (to release the safety device). Press the release lever and the bracket will fold down.

For table top



For wall mounting

