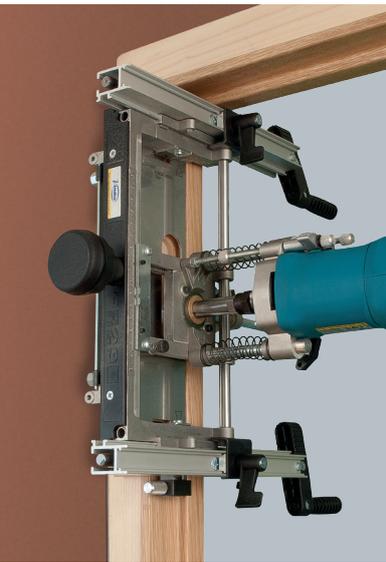




Woodworking machinery and tools



2016 / 2017



[www.ney.co.uk](http://www.ney.co.uk)

Trimmers and Routers

Professional solutions



## FR192N | Electronic trimmer

Light weight designed for several kind of jobs. Provides excellent finishing on laminate trimming. Possibility to make right or circular slots in an easy and precise way with the accessories included as standard equipment.

### Standard equipment

Carbide flush/bevel bit, lateral fence with compass, guide ring and service keys.

### Optional accessories

1222024 Chuck collet 8 mm  
 1222085 Chuck collet 6.35 mm (1/4")  
 1240046 Rabbeting bit  
 Templates for fitting hinges (see page 62)  
 Clamping systems (see page 89)

### Guide rings

1250001 Ø ext. 10 mm for 6 mm bits  
 1250002 Ø ext. 12 mm for 8 mm bits  
 1250003 Ø ext. 14 mm for 10 mm bits  
 1250004 Ø ext. 16 mm for 12 mm bits  
 1250025 Ø ext. 18 mm for 14 mm bits  
 1250035 Ø ext. 20 mm for 16 mm bits



Excellent finishing when trimming laminates.



Trimming rabbet with optional bit 1240046 (and sliding shoes ref. 1250041 or 1850042)



Making mouldings.

Equipped with electronic speed control and electronic system which maintains the speed constant independently to the working load.



Trimming circular slots.



Trimming parallel slots.

### Optional accessories

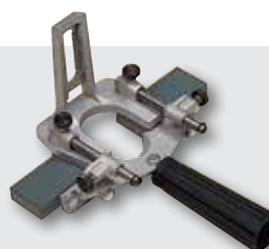
- 45° sliding shoe Ref.1850042
- Flat sliding shoe Ref.1250041
- Sliding shoe Ref. 1250040
- Flat sliding shoe 25 mm Ref. 1250078



**Bits**  
 see pag. 48

### Specifications

Input power	750 W
Max. bit diameter	25 mm
Chuck collet	6 mm
No-load speed	14,000-30,000/min
Weight	1.8 kg



**Optional**  
 Trimming head for fitting hinges ZB93 (ref. 1750000).





## FR292R | Electronic tiltable trimmer

The only trimmer capable of trimming the excess of the panel or edge surfaces flat or at any angle, without changing the bit.

Its wide base provides effective guiding and easy trimming. It offers numerous additional trimming possibilities, thanks to the unique tilting and adjustment system.

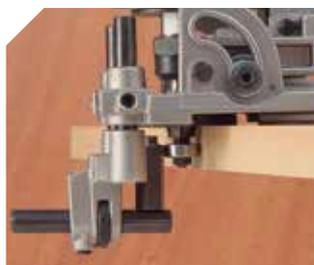
Equipped with a powerful 750 W motor with electronic speed adjustment and constant torque control for a constant motor speed under load. External dust collector connection.

### Standard equipment

Carbide 90° bit (1140087) and straight bit Ø 18 mm (1140016) for trimming and grooving. Chuck collet Ø 8 mm, copier with ball bearing, lateral fence with compass, service keys and carrying case.

### Optional accessories

- 6446073 Standard dust collector attachment 2.25 m
- 1746245 Standard dust collector attachment 5 m
- 1222084 Chuck collet 6 mm
- 1222085 Chuck collet 6,35 mm (1/4")
- Guide rings (see page 61 model FR129N)
- Clamping systems (see page 89)



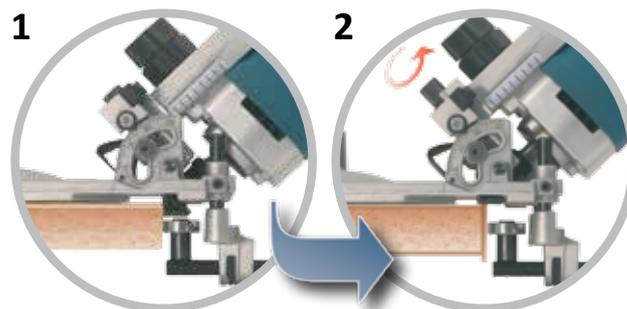
Lateral fence, avoids the irregularities of the edges can be copied.



Copier with ball bearing. Perfect guiding on straight or curved surfaces.



Guide ring for copying with template as a small router.



### Easier, more accurate trimming, with the special 90° bit.

The machine body can be tilted to approximately 46.5°, so that the edge of the bit is at 1.5° to the surface, preventing damage when trimming excess edges. Once the excess coating has been trimmed from the board surface (1), just position the bit at the level of the base to trim the excess edge level with the surface (2). By simply operating a single adjustment

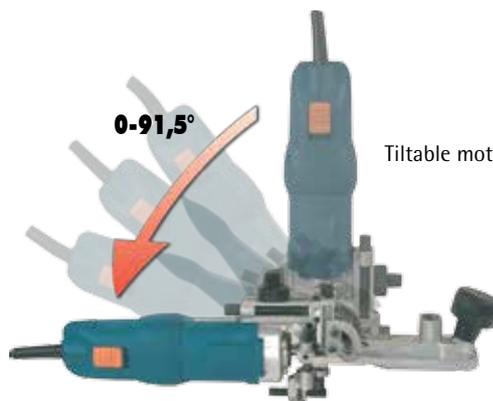
control, you can trim a further excess surface or edge. By tilting the machine to the horizontal position, you can trim 45° chamfered edges. You can also chamfer to the angle you require (A°) between 0° and 45°, by tilting the motor body to the required intermediate angle (45° + A° on the machine indicator).

### Trimming with the straight bit

The tiltable motor body permits the trimming of straight edges with the straight bit (included as standard equipment) as well as the excess surface. Excess panel is trimmed with the motor body in the vertical position, and edges with the motor body inclined to 91.5°, i.e. at 1.5° below the board surface, thereby avoiding damage.



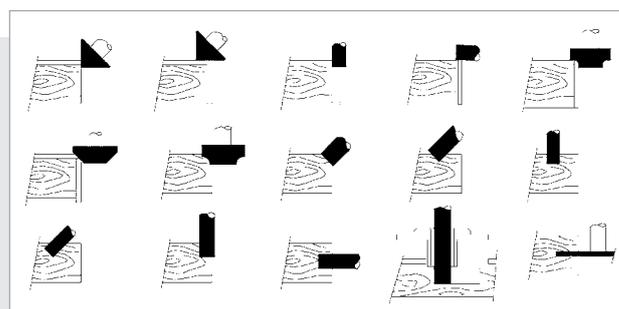
Trimming the edge with the straight bit.



Tiltable motor from 0° to 91.5°.

Bits  
see pag. 48

### Some examples of trimming



### Specifications

Input power	750 W
Max. bit diameter	25 mm
Chuck collet	8 mm
No-load speed	14,000-30,000/min
Weight	2.2 kg



## FR156N | Edge trimmer

For trimming edges of PVC and veneer. Equipped with a carbide bit  $r=3$  mm with bearing (1140106). Optional bits are available for several different radius. Powerful motor (750 W) and electronic speed adjustment. Also equipped with electronic control maintaining the speed constant, independently than the working load. Dust collector connection and three bases (hole  $\varnothing$  20, 26 and 30 mm) for using with bits of different diameters.



Easy to use and excellent finishings.



It is possible to trim all sides of the panels with radius or a chamfer.



High quality finishing on corners.



Special brake system for the ball bearing of the bit, avoiding that it can damage the panel when starting to work.



The new fine adjustment system makes it very easy to regulate the trimming head height.



The CA56U trimming head enables uninterrupted trimming of the four edges of a panel. It has a large support base and an auxiliary holding knob, designed to give it perfect stability.

### Optional accessoires

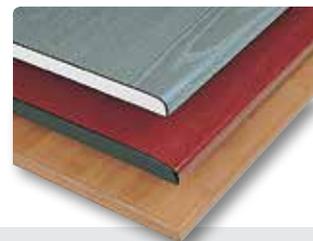
- 1222084 Chuck collet 6 mm
- 1222085 Chuck collet 6.35 mm (1/4")
- 5600060 CA56U Trimming head



- 6446073 Standard dust collector attachment 2.25 m
- 1746245 Standard dust collector attachment 5 m
- 1140123 Carbide bit  $r=2$  mm w/ bearing
- 1140109 Carbide bit  $r=6$  mm w/bearing
- 1140110 Carbide bit  $r=8$  mm w/bearing
- 6399082 Cantspray



Perfect finishing in a few time.



### Specifications

Input power	750 W
No-load speed	14,000-30,000/min
Chuck collet	8 mm
Weight	1.6 kg



Clamping systems (see page 89)



**FR256N** | Edge trimming set

This set includes the FR156N edge trimmer and the CA56U trimming head which allows to trim all the edges of the panel continuously. The CA56U trimming head has a large support surface and an auxiliary knob. Ideal for a trimming work on the panel edge.



Very easy trimming of either straight or shaped pieces.



Easy preparation for corner trimming



Precise guiding for corner trimming.



Vacuum connection equipped with a bearing brake to prevent leaving marks on the edge.



The new fine adjustment system makes it very easy to regulate trimming head height.



Round head (V3) included with the set. Very practical for trimming with support on edges and essential for jobs that require this type of work.



**Standard equipment**

FR156N Edge trimmer (with standard head), carbide bit r=2 mm with bearing (1140123), CA56U trimming head (5600060) and carrying case.



The V3 head includes its own vacuum collector with a brake, and is also supplied with three sliding bases. (Holes d= 20, 26 and 30 mm).

Clamping systems (see page 89)

**Specifications**

Input power	750 W
No-load speed	14,000-30,000/min
Chuck collet	8 mm
Weight	1.6 kg



**Optional accessoires**

- 1222084 Chuck collet 6 mm
- 1222085 Chuck collet 6.35 mm (1/4")
- 6446073 Standard dust collector attachment 2.25 m
- 1140106 HM bit r=3 mm with bearing
- 1140109 HM bit r=6 mm with bearing
- 1140110 HM bit r=8 mm with bearing
- 6399082 Cantspray





## AS93 | Trimmer

Trimmer for laminate shaping. Its powerful 1,100 W motor makes it specially suited for heavy work. It can be easily converted into a surface router with the routing head CA66F for working with the PL11 template for dovetail joints or other routing works.



Trimming laminates.



Making mouldings.



Fitting hinges with the CPN66 head.

### Standard equipment

Flush/bevel carbide bit and service keys.

### Optional accessories

6027056 Chuck collet 8 mm  
6727020 Chuck collet 6.35 mm (1/4")  
6600050 CA66F Routing head  
6650088 CPN66 Hinge fitting head  
Clamping systems (see page 89)  
Templates for fitting hinges (see page 62)

### Bits

see pag. 48

### Guides rings

#### To be used with CA66F routing head

7722168 Ø ext. 10 mm (for 6 mm bits)  
7722120 Ø ext. 12 mm (for 8 mm bits)  
7722121 Ø ext. 14 mm (for 10 mm bits)  
7722122 Ø ext. 16 mm (for 12 mm bits)  
7722169 Ø ext. 18 mm (for 14 mm bits)  
7722118 Ø ext. 20 mm (for 16 mm bits)  
7722119 Ø ext. 27 mm (for 23 mm bits)  
7722114 Ø ext. 30 mm (for 26 mm bits)  
7722123 Guide for PL11 width 26 mm  
7722161 Guide for PL11 width 16 mm  
7722162 Guide for PL11 width 34 mm  
7722160 Guide for AGB template  
6640125 Bit for AGB template for bottom-hung fittings

Routing head CA66F (optional) to transform the AS93 into a router.



### Specifications

Input power	1,100 W
Chuck collet	6 mm
No-load speed	23,000/min
Weight	3.7 kg





**FR277R | Router**

Surface routers for routing wood and plastic. Ideal for deburring edges, cutting out knots, copy routing, trimming, constructing frames and tooling, etc. Quick adjustment of routing depth with 3 pre-established positions. The model FR278R has a powerful 1,300 W motor and electronic speed control. External dust collection connector.



High precision and stability during routing.

**FR278R | Electronic router**



Model FR278R with electronic speed adjustment.



Quick adjustment of routing depth with 3 positions.

**Standard equipment**

Lateral fence, dust collector connection and service keys.

**Optional accessories (models FR277R & FR278R)**

- 6446073 Standard dust collector attachment 2.25 m
- 1746245 Standard dust collector attachment 5 m
- 6045669 Compass guide
- 6045715 UC60 Universal compass guide
- 7722116 Reducer 6 mm
- 7722115 Reducer 6.35 mm (1/4")
- 7722161 Guide PL11 width 16 mm
- 7722123 Guide PL11 width 26 mm
- 7722162 Guide PL11 width 34 mm
- 7722160 Guide for AGB template
- 7722342 Guide for AGB template
- 7740117 Bit for AGB template for bottom-hung fittings
- Templates for fitting hinges (see page 62)
- Clamping systems (see page 89)
- 9045705 UC90P Cutting guide



Lever for blocking the routing head, accesible from the handle.



Lateral fence with micrometric adjustment.

**Guide rings (models FR277R & FR278R)**

- 7722168 Ø ext. 10 mm for 6 mm bits
- 7722120 Ø ext. 12 mm for 8 mm bits
- 7722121 Ø ext. 14 mm for 10 mm bits
- 7722122 Ø ext. 16 mm for 12 mm bits
- 7722169 Ø ext. 18 mm for 14 mm bits
- 7722118 Ø ext. 20 mm for 16 mm bits
- 7722119 Ø ext. 27 mm for 23 mm bits
- 7722114 Ø ext. 30 mm for 26 mm bits

**Bits**  
see pag. 48

**Specifications**

Input power	1,010 W
Chuck collet	8 mm
No-load speed	24,000/min
Routing depth	0-50 mm
Weight	2.9 kg



**Specifications**

Input power	1,300 W
Chuck collet	8 mm
No-load speed	6,000-27,000/min
Routing depth	0-50 mm
Weight	3 kg





**FR66P** | Router

Router for wood and plastic materials. High precision and stability when routing. Full control of the machine without releasing the handle. Rapid depth adjustment with three positions. Its powerful 1,300 W motor makes it specially suitable for hard, continuous jobs. Ideal for roughfacing edges, cutting knots, copy milling, dovetail assemblies (PL11 dovetailing attachment), making recesses for carpentry hardware, etc... Equipped with external dust collection connector.



Six adjustable depth positions for rapid selection of the desired routing depth.



On-Off switch and head blocking may be activated from the knob, giving total, safe control of the machine.



Total locking system for the routing depth, ideal for dovetailing assemblies and other jobs which requiring total locking of the headpiece.

**Standard equipment**

Lateral fence, dust collector connection, guide ring Ø 19 mm for dovetailing pitch plate 26 mm and service key.

**Optional accessories**

- 6045669 Compass guide
- 6045715 UC60 Universal compass guide (see pag. 37)
- 6027020 Chuck collet 6 mm
- 6727020 Chuck collet 6.35 mm (1/4")
- 6446073 Standard dust collector attachment 2.25 m
- 1746245 Standard dust collector attachment 5 m
- 6640125 Bit for AGB template for bottom-hung fittings
- Templates for fitting hinges (see page 62)
- 9045705 UC90P Cutting guide
- Clamping systems (see page 89)

**Guide rings**

- 7722168 Ext. Ø 10 mm (for 6 mm bits)
- 7722120 Ext. Ø 12 mm (for 8 mm bits)
- 7722121 Ext. Ø 14 mm (for 10 mm bits)
- 7722122 Ext. Ø 16 mm (for 12 mm bits)
- 7722169 Ext. Ø 18 mm (for 14 mm bits)
- 7722118 Ext. Ø 20 mm (for 16 mm bits)
- 7722119 Ext. Ø 27 mm (for 23 mm bits)
- 7722114 Ext. Ø 30 mm (for 26 mm bits)
- 7722161 Guide for PL11 width 16 mm
- 7722123 Guide for PL11 width 26 mm
- 7722162 Guide for PL11 width 34 mm
- 7722160 Guide for AGB template Ø 27 mm
- 7722342 Guide for AGB template Ø 21 mm



Supplied with lateral fence with micrometric adjustment and adjustable rules.

**Bits**

see pag. 48

**Specifications**

Input power	1,300 W
Chuck collet	8 mm
Routing depth	0-60 mm
No-load speed	26,000/min
Max. bit diameter	30 mm
Weight	3.8 kg



Double fence 6045665 (optional)



**FR160P | Router**

Professional routers for wood and plastic materials. High precision and stability when routing. Fast depth adjustment with 6 pre-adjusted positions. Their powerful motors (FR160: 1,500 W. FRE160P: 1,800 W) make them suitable for hard, continuous jobs. Ideal for trimming edges, cutting knots, copy milling, dovetail assemblies (with the optional PL11 dovetailing attachment), making recesses for carpentry hardware, etc... Equipped with fine adjustment of the routing depth and a lateral fence (delivered as standard equipment). Blocking system of the motor shaft for an easy change of bit. External dust collector connection for a clean and safe working area.

**Optional accessories (models FR160P and FRE160P)**

- 6045669 Compass guide
- 6045715 UC60 Universal compass guide
- 66446073 Standard dust collector attachment 2.25 m
- 1746245 Standard dust collector attachment 5 m
- 6040313 Bit for AGB template for bottom-hung fittings
- Templates for fitting hinges (see page 62)
- 9045705 UC90P Cutting guide
- Clamping systems (see page 89)



Micrometric adjustment of routing depth. 6 adjustable depth positions for rapid selection of the desired depth.



Supplied with lateral fence with micrometric adjustment and adjustable rules.

**Standard equipment**

Lateral fence, dust collector connection, guide ring Ø 19 mm for dovetailing pitch plate 26 mm and service key, reducer 8 mm and reducer 6 mm.

**FRE160P | Electronic router**



Total locking system for the routing depth, ideal for dovetailing and other jobs requiring total locking of the machine head.



Model FRE160P equipped with electronic speed control and electronic system which maintains the speed constant independently to the working load.

**Guide rings (models FR160P and FRE160P)**

- 7722168 Ext. Ø 10 mm (for 6 mm bits)
- 7722120 Ext. Ø 12 mm (for 8 mm bits)
- 7722121 Ext. Ø 14 mm (for 10 mm bits)
- 7722122 Ext. Ø 16 mm (for 12 mm bits)
- 7722169 Ext. Ø 18 mm (for 14 mm bits)
- 7722118 Ext. Ø 20 mm (for 16 mm bits)
- 7722119 Ext. Ø 27 mm (for 23 mm bits)
- 7722114 Ext. Ø 30 mm (for 26 mm bits)
- 7722161 Guide for PL11 width 16 mm
- 7722123 Guide for PL11 width 26 mm
- 7722162 Guide for PL11 width 34 mm
- 7722160 Guide for AGB template Ø 27 mm
- 7722342 Guide for AGB template Ø 21 mm

**Specifications**

Input power FR160P/FRE160P	1,500 W/1,800 W
Chuck collet	12 mm
Routing depth	0-60 mm
No-load speed FR160P	25,000/min
No-load speed FRE160P	11,500-23,000/min
Max. bit diameter	40 mm
Weight	5.4 kg



Double fence 6045665 (optional)

**Bits**  
see pag. 48



## FR356Z | Electronic router COMBI

The FR356Z is a convertible multifunction router using different routing and trimming heads. Includes as standard a routing head providing a high precision routing and stability. Equipped with fast depth adjustment with 6 positions and lateral fence with fine adjustment and adjustable guides.

Its ability "COMBI" allows it to couple to different types of heads and may also perform not only routing jobs, but also trimming jobs or grinding. The optional trimming heads are equipped with dust collector nozzle.

It is equipped with a powerful 1,000 W motor with electronic speed control and an electronic system to maintain constant speed under load.



Powerful motor (1,000 W). Equipped with electronic speed control as well as electronic power control that keeps the power constant even under load.



Micrometric adjustment of routing depth. 6 adjustable depth positions for rapid selection of the desired depth.



Supplied with lateral fence with micrometric adjustment and adjustable rules.

### Standard equipment

Lateral fence, dust collector connection, guide ring Ø 19 mm for dovetailing pitch plate 26 mm and service key.

### Bits

see pag. 48

### Optional accessories (use as a router)

Accessories for routers: pages. 34 to 39

6045665 Double fence **A**

6446073 Standard dust collector attachment 2.25 m

1746245 Standard dust collector attachment 5 m

Templates for fitting hinges (see page 62)

### Guide rings

7722168 Ext. Ø 10 mm (for 6 mm bits)

7722120 Ext. Ø 12 mm (for 8 mm bits)

7722121 Ext. Ø 14 mm (for 10 mm bits)

7722122 Ext. Ø 16 mm (for 12 mm bits)

7722169 Ext. Ø 18 mm (for 14 mm bits)

7722118 Ext. Ø 20 mm (for 16 mm bits)

7722119 Ext. Ø 27 mm (for 23 mm bits)

7722114 Ext. Ø 30 mm (for 26 mm bits)

7722161 Guide for PL11 width 16 mm

7722123 Guide for PL11 width 26 mm

7722162 Guide for PL11 width 34 mm



The COMBI router can be used with several heads:

It can work as a router, can be transformed into a trimmer and also as a straight grinder



**Routing head included as standard equipment**

Routing head equipped with micrometric depth adjustment with 6 depth stoppers. Lateral fence equipped also with micrometric adjustment. With dust collection nozzle.



Trimming head with large support for straight or shapped panels. Brake for the bit bearing, avoiding that it can damage the panel when starting to work. Optional (5600060).



Round head for trimming on edge. Brake for the bit bearing, avoiding that it can damage the panel when starting to work. Optional (5646365).



Without any head can be used as a straight grinder.



Optional accessory (5646343): Precise guiding for corner trimming.

Trimming heads 5600060 and 5646365 are equipped with dust collection nozzle.

For finishing and sanding metals. (Grinding tool not included).

**Optional accessories (use as a trimmer)**

- 1222084 Chuck collet 6 mm
- 1222085 Chuck collet 6.35 mm (1/4")
- 6446073 Standard dust collector attachment 2.25 m
- 1140123 HM bit r=2 mm with bearing
- 1140106 HM bit r=3 mm with bearing
- 1140109 HM bit r=6 mm with bearing
- 1140110 HM bit r=8 mm with bearing
- 6399082 Cantspray



**Specifications**

Input power	1,000 W
No-load speed	14,000-27,000/min <sup>-1</sup>
Chuck collet	8 mm
Weight	3.8 kg



## PL11 | Dovetailing attachment

Precision attachment for dovetail jointing. Equipped from factory with a dovetail template pitch 26 mm. Possibility to use other pitch dimensions with the additional kits. Fine adjustment of the dovetail beginning. Perfect dovetail joints.

Can be used with our routers models FR66P, FR160P, FRE160P, FR277R, FR278R and the trimmer AS93 with the CA66F routing head.



Start of dowel can be adjusted from both sides. High precision joints.



Can be secured to the workbench.



4 types of dovetail joints. Perfect finish on dovetail joints.

### Standard equipment

Template pitch plate 26 mm

### Optional accessories

- 6045710 Set of two clamp screws <sup>A</sup>
- 7745149 Dovetailing kit pitch plate 16 mm
- 7745150 Dovetailing kit pitch plate 34 mm
- 6040050 Dovetailing bit Ø 15 mm
- 1140060 Straight bit Ø 12 mm



As the machine is fully supported by the dovetailing attachment you can work with total stability, with no risk of damaging joints.

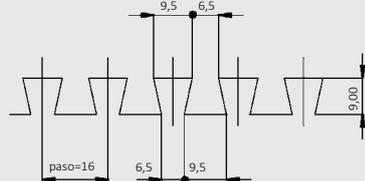


### Specifications

Working width	360 mm
Pitch plate	26 mm
Optional pitch plates	16 or 34 mm
Minimum workpiece thickness	10 mm
Maximum workpiece thickness	30 mm
Weight	6.2 kg

## Types of dovetailing

### DOVETAIL PITCH 16 mm



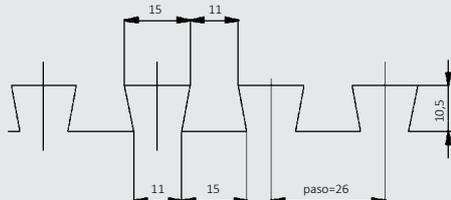
Made with optional kit:  
For FR66P, AS93 + CA66F, FR277R and FR278R: ref. 7745149



kit contents

1 template pitch 16 mm, 1 guide ring/bit 12/9.5 mm, 1 dovetail bit HM Ø 9.5 mm, 2 guide stoppers and millimeter gauge.

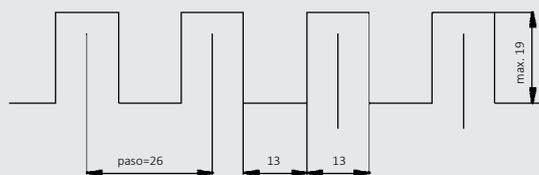
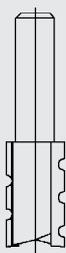
### DOVETAIL PITCH 26 mm



Made with the template and stoppers included with the PL11 + bit + guide ring indicated below.

Dovetail bit Ø HM 15 mm  
ref. 6040050  
Guide ring ext. Ø 19 mm  
For FR66P, AS93+CA66F, already included  
For FR277R and FR278R ref. 7722123

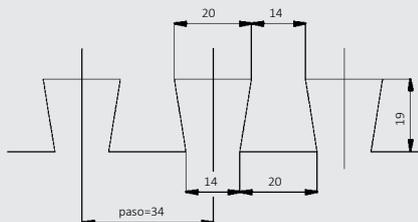
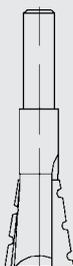
### STRAIGHT JOINT PITCH 26 mm



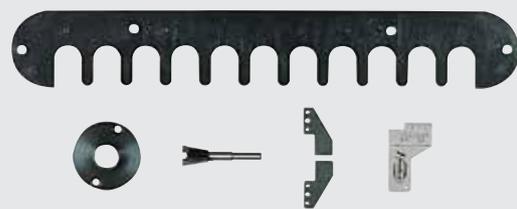
Made with the template and stoppers included with the PL11 + bit + guide ring indicated below.

Straight bit Ø HM 13 mm  
réf. 1140060  
Guide ring ext. Ø 19 mm  
For FR66P, AS93+CA66F, already included  
For FR277R and FR278R ref. 7722123

### DOVETAIL PITCH 34 mm

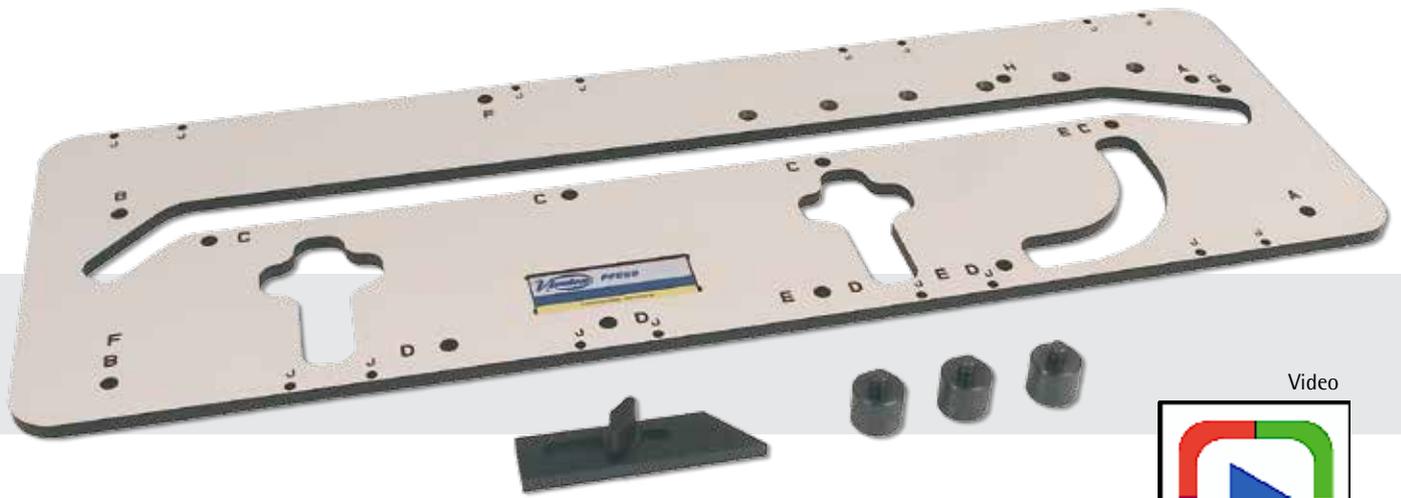


Made with optional kit:  
For FR66P, AS93 + CA66F, FR277R and FR278R: ref. 7745150



kit contents

1 template pitch 34 mm, 1 guide ring/bit 23/20 mm, 1 dovetail bit HM Ø 20 mm, 2 guide stoppers and millimeter gauge.



Video



## PFE60 | Template for trimming work tops

Precise and solid template manufactured in phenolic material 12 mm thick. Specially designed for trimming and assembling work tops from 420 mm to 650 mm width. The assembling angle can be 45° or 90°. It is also possible to trim radiuses for making the external round trimming. It is ideal to use with the routers model FR160P. Very easy to place and fix following the marked references on the template. Reduced trimming time, just about 15 minutes for the two sides of a work top.



Cross form trimming for jointing both sides of work top.



Steel stoppers.



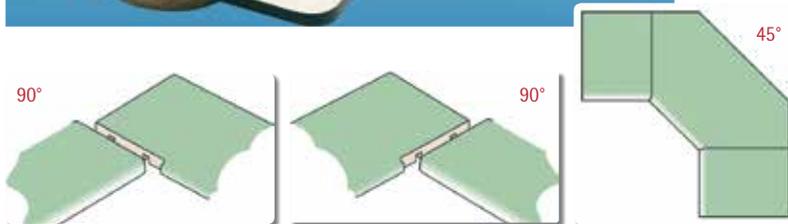
Adjustable stopper for a correct positioning. It allows to correct the angle between the wall and the work top.



Minimum trimming time, just in about 15 minutes the trimming on both sides of the work top is made.

### Standard equipment

Template for trimming work tops, 3 steel stoppers and adjustable stopper.



The assembling angle can be 45° or 90°.



### Specifications

Minimum work top width	420 mm
Maximum work top width	650 mm
Assembling angle	45° or 90°

### Optional accessories

- 6045699 Suction pad for fixing the template (2 pcs. needed) **A**
- 6045710 Set of 2 jointing screws
- 7722114 Guide ring, external dia. 30 mm., h=10 mm
- 1640258 Bit Ø 12 mm L35 Z3 for 12 mm collet
- 6040310 Bit Ø 12 mm L32 Z2 for 8 mm collet
- 6045711 Set of 10 jointing screws



## PE60 | Template for trimming ellipses and circles

Multiradius template for trimming circular or elliptical forms. Ideal for manufacturing mirrors, windows, doors or any other decorative items by means of an elliptical or circular trimming.

The use of the two guide supports (standard equipment) allows the elliptical trimming and the use of only one support allows the circular external trimming or moulding.

The PE60 is also equipped with two suction pads for fixing it to the panel to be trimmed. Thanks to them it is possible to trim in an easy way without to perforate the surface. If it is not possible to use the suction pads there are several holes to fix the template by means of screws.

Includes two rod guides Ø 8 mm for using with all the Virutex routers.



Fixation by suction pads (included) or screws.

Ellipses, max. length of main axis: 3200 mm, min. length of minor axis: 600 mm (with a router).  
Circle, max. diameter: 3200 mm, min. diameter 600 mm.

### Standard equipment

Template for trimming ellipses and circles, two suction pads, extendable guide and coupling system plus rods Ø 8 mm for Virutex routers.

### Optional accessories for PE60 & UC60

- 6045714 Special coupling rods for FR292R
- 6045708 Set of coupling rods Ø 10 mm
- 6045709 Set of coupling rods Ø 12 mm
- 6045710 Set of two clamp screws

### UC60 Universal compass guide

For trimming circles between 400 and 3200 mm. (ref. 6045715)

Includes: Support, suction pad, adjustable holding rod and coupling with Ø 8 mm rods for fixing the router.



Oval table

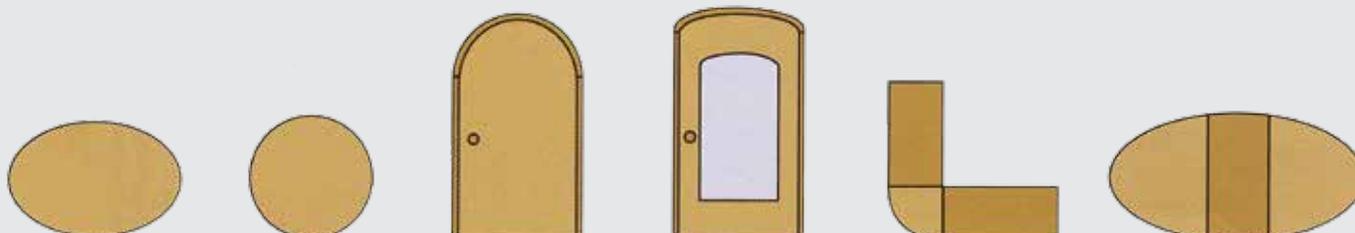
Round table

Opening for rounded door

Opening for oval door

Round corner on a desk

Extendable round or oval table





### UCP90 | Cutting guide

The UCP90 guide allows a guided cutting, with total stability and precision. Adaptable to all models of Virutex routers allows to make straight mouldings, grooves... in a very easy way.

Equipped from factory with two fixing systems, allowing a safe holding on the piece to work: two suction pads, for smooth and non-porous surfaces and a set of two clamp screws to be fixed on the lower side of the guide, even if the guide is longer than the panel.

The guide is also provided with non-slip strips to protect the panel from possible scratches.



Non-slip strips for a better fixing. They protect the panel from possible scratches.



The guide can be fixed by means of the two suction pads included (on smooth and non-porous surfaces).



Two clampscrews included for fixing the guide from the lower guide.

#### Standard equipment

Guide 1400 mm long, 2 suction pads and 2 clamp screws.



Adaptable to all Virutex routers by means of the optional adaptor 9045758.



#### Optional accessories

- 9045758 Adaptor for routers
- 9045754 Guide 1400 mm length **A**
- 9045755 Guide 2400 mm length **B**
- 6045756 Set of 2 suction pads UCP90
- 6045710 Set of 2 clamp screws
- 9045812 Jointing kit for UCP90 guide





### PF1 | Template for stairs

Template designed specially for routing open stairs or with riser. Provides a quick and easy routing of the recesses on the stringers without to draw all the dimensions. Reversible, for right and left stringers. Ensures a high precision of routing simplifying the assembly of the treads.



Quick and easy routing of the recesses on the stringers

### PF400/PF700 | Routing templates

Routing templates PF400 and PF700 allow complex trimmings with the aid of a router. Among the various working possibilities they offer, include lace and routing grooves, routing perimeter edges or frames or routing arcs and circles.



The routing process is performed with high stability and efficacy.

#### Optional accessories

- 6046578 Extension set for stair landings from 600 mm to 1000 mm
- 3345634 Anglecopy TC133R



Equipped with a special stopper for a 90° trimming.

- Max. working area with PF400: 120x320 mm
- Max. working area with PF700: 320x620 mm



The use of PF400 and PF700 templates allows multiple applications.

Video



On demand, different kind of special nosing tread templates (ref. 6033167).



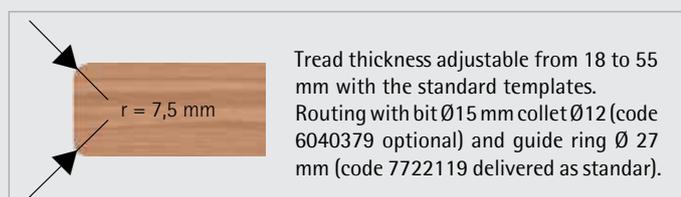
#### Optional accessories

- 6046519 Extension set PF200
- 6046520 Extension set PF400
- 6046521 Extension set PF700
- 6045710 Set of 2 clamp screws

The optional base adapter ref. 6046478 is especially useful in those works necessary to work the inside of a large workspace



#### Standard nosing tread



Tread thickness adjustable from 18 to 55 mm with the standard templates. Routing with bit Ø15 mm collet Ø12 (code 6040379 optional) and guide ring Ø 27 mm (code 7722119 delivered as standar).

#### Optional guide rings

- 7722118 Guide ring for bits Ø max. 13 mm
- 7722162 Guide ring for bits Ø max. 16 mm
- 7722119 Guide ring for bits Ø max. 20 mm
- 7722114 Guide ring for bits Ø max. 23 mm



## AB111N | Jointing machine

The jointing machine AB111N is specially designed for slotting panels in any position. Thanks to the design of its micrometric fence, which can be adjusted at any height and angle, and to a graphic signs it is not necessary to take exact measurements, due that it is possible a lateral displacement of 2 cm for adjusting the joint once made the slot. A preadjusted stopper allows to select the different slotting depths fast and easy. Equipped with electronic control system which maintains the speed constant independently to the working load, allowing to make the slots in a easy and precise way in all kind of woods.



Angle and height of the front fence can be adjusted on a graded scale.



Quick adjustment of different slotting depths.



Frontal fence with non slide rubber stoppers for a better machine stability.

### Optional accessories

6446073 Standard dust collector attachment 2.25 m

2546409 Gluing set SEM1



### Standard equipment

Carbide blade 100 x 22 x 4, of 2 teeth and 2+2 spurs, carrying case, external dust collection connector.



### Lateral fence CB64B

Cutting back skirting board for placing parquet.



### Repairing head CA64B

Optional accessory for the repair of damaged wood (small pockets of resin, knots, etc), blade not included.



### Bit for CA64B

Bit for repairing resin pockets on wood. (ref. 6440376) D. 100 MD

### Specifications

Input power	800 W
Blade	100x22x4 mm
No-load speed	10,000/min
Max. slotting depth	20 mm
Weight	2.6 kg



## Types of joints

With the AB111N it is possible to perform multiple types of assembly, whether in the middle of the board, a miter square or even frame assemblies.



Joints in middle of board.



Square joints.



Mitre joints.



Stronger joints with No. 6 splines.



## Assembly wooden splines

Specially designed for joints. They work like dowels or blocks but with greater advantage.

The joint is assured thanks to the resistance of the wooden splines which are more resistant than dowels or blocks.



Ref.	Model	Specifications	Box
1405001	No. "0"	47x15x4 mm. Slot depth 8 mm	1000 un.
1405002	No. "10"	53x19x4 mm. Slot depth 10 mm	1000 un.
1405003	No. "20"	56x23x4 mm. Slot depth 12 mm	1000 un.
1405004	No. "6"	85x30x4 mm. Slot depth 20 mm x2*	500 un.

(\* ) 2 contiguous slots at 15 mm

### Optional accessory

2546409 Hand gluing set SEM1

Contents:

- Plastic bottle of 250 ml
- Dispensers for splines and dowels
- Gluing roller 60 mm width
- Gluing brush
- Caps for each element



**AB181** | Trimmer for connectors

Machinespecially designed for trimming the slots to place the OVO™ automatic connectors for assembling panels. Easy to use, it makes the trimming fast and accurate.



Patented model

Video



Powerful 1000 W motor with electronics for speed adjustment and to keep the speed constant under load.

Trimming in several angles.

Dust collector nozzle. For a connection to an external dust collection.

Fast trimming depth adjustment for several dimensions of the connectors. No tools or other machine adjustments needed.

Adjustable fence for trimming in several angles.

Precise adjustment of the panel thickness.

Precise adjustment of the trimming depth.

Automatic stoppers for 0°, 45° and 90°.

Positioning of the machine by mean of retractable stoppers and visual references.No need to take measures.

Non-slip double base with non-scratch protection.



Trimming at 90°



Trimming at 45°

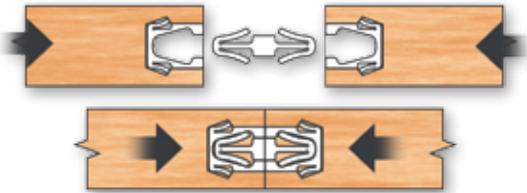


Trimming at 0°

## New assembling system

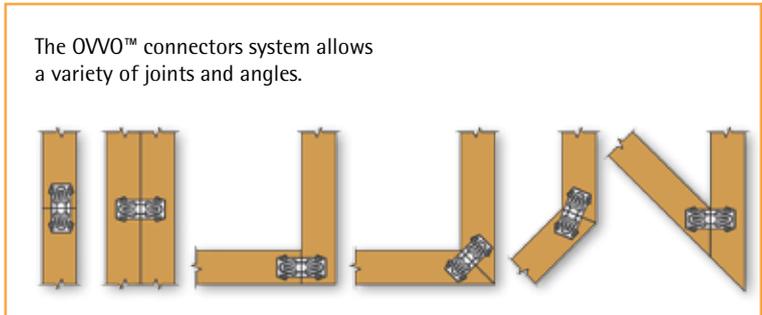
**Patented**

The OVVO™ connection system saves assembling time and allows to transport the furnitures in flat parcels, saving time and volume. It is not necessary to use tools, screws or glue to assembly the pieces. The OVVO™ system is a solution to join two pieces easily without to use traditional systems.

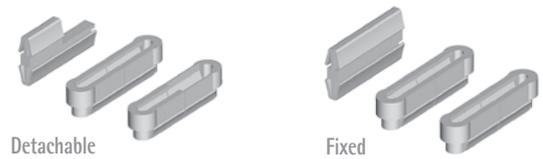


### Invisible and detachable. Joints without glue

Very easy operation. Just press both pieces to be assembled, with the connector aligned, until to hear a "click". The assembly is done. It is an invisible solution, with a internal automatic clamp, that creates a perfect union between the two assembled pieces.

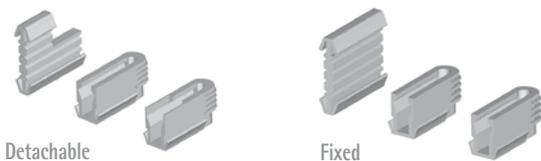


The OVVO™ connectors system allows a variety of joints and angles.



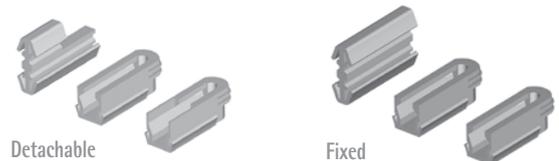
#### Connectors 12x51 for 19 mm boards or thicker

Ref.	Specifications	Boxes
7905005	Detachable connector 12x51	1000 un.
7905006	Detachable connector 12x51	300 un.
7905007	Detachable connector 12x51	100 un.
7905008	Fixed connector 12x51	1000 un.
7905009	Fixed connector 12x51	300 un.
7905010	Fixed connector 12x51	100 un.



#### Connectors 9x21 (high) for 15 mm boards or thicker

Ref.	Specifications	Boxes
7905019	Detachable connector 9x21 (high)	1000 un.
7905018	Detachable connector 9x21 (high)	300 un.
7905017	Detachable connector 9x21 (high)	100 un.
7905022	Fixed connector 9x21 alto	1000 un.
7905021	Fixed connector 9x21 alto	300 un.
7905020	Fixed connector 9x21 alto	100 un.



#### Connectors 9x21 for 12 mm boards or thicker

Ref.	Specifications	Boxes
7905013	Detachable connector 9x21	1000 un.
7905012	Detachable connector 9x21	300 un.
7905011	Detachable connector 9x21	100 un.
7905016	Fixed connector 9x21	1000 un.
7905015	Fixed connector 9x21	300 un.
7905014	Fixed connector 9x21	100 un.

The AB181 trimmer is also “COMBI”

The AB181 is also a multifunctional trimmer convertible by mean of several kind of trimming heads. It can be coupled to several kind of trimming heads, to work like a router, an edge trimmer and even a straight grinder. The different trimming heads are equipped with a dust collection nozzle.



**Optional**  
Routing head with lateral fence and fine adjustment.  
Ref. 5646670

**Optional**  
Trimming head for straight or shaped pieces.  
Ref. 5600060

**Optional**  
Round trimming head, for working with support on the tape.  
Ref. 5646365

With no head can be used as a straight grinder.

**Optional**

- Carbide bit for connector 12x51 ref. 7940398 (standard equipment)
- Carbide bit for connector 9x21 ref. 7940393
- Carbide bit for connector 9x21 (high) ref. 7940392
- Carbide bit for connector 12x51 for CNC (not valid for AB181) ref. 7940400
- Pneumatic clamping system SVN250 ref. 5046347
- Dust collection attachment 5 m ref. 1746245
- Dust collection attachment 2.25 m ref. 6446073



**Specifications**

Input power	1,000 W
No-load speed	14,000-27,000/min
Chuck collet	8 mm
Weight	4.7 kg



### FR217S | Angle trimmer

Specially designed for trimming the concave radiuses in the joints between rims and work tops made of materials such as Corian or Ra-solid. Fitted with a front feeler that prevents the rim from becoming damaged and allows for quick, easy trimming, giving a perfect finish. Equipped with a powerful 750 W motor with electronic speed adjustment and constant torque control for a constant motor speed under load. Delivered with two special carbide bits for radius 5 and 10 mm. The machine is also fitted with a dust collection connector.



First trimming.

Perfect finishing, total integration of the rim and the work top, leaving them like a single piece.



**Standard equipment**

- Radius bit R5 HM (1740306)
- Radius bit R10 HM (1740307)
- Chuck collet 8 mm
- Carrying case

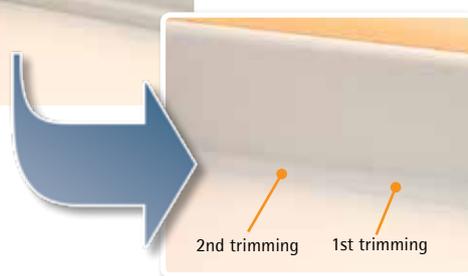


**Optional bits**

- 1740311 Carbide radius bit R6
- 1740312 Carbide radius bit R8



**Trimming process in two passes**



**Specifications**

Input power	750 W
No-load speed	14,000-30,000/min
Chuck collet	8 mm
Max. bit diameter	20 mm
Weight	1.6 kg



Video



## FRE317S | Tilttable router

Specially designed for installing or repairing Corian®. Its features make the FRE317S the perfect machine for the Corian® installation.

Equipped with a powerful motor (1800 W) with electronic speed control from 11500 to 23000/min this router has the biggest routing depth capacity: 100 mm.

It is also equipped with an additional base for routing the joints and angles on Corian® Worktops. The only router equipped with a gaz buffer for the vertical movement, for the routing of joints on Corian® worktops.

Routing depth adjustable by micro-metric system.

Adjustable stopper with 6 routing depth positions.



Exclusivity. The only tiltable router with a gaz buffer.



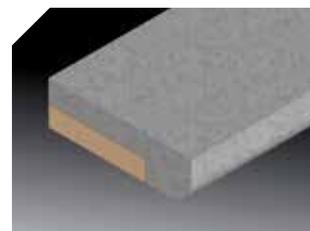
Big support surface for trimming works on edges.



Fast depth adjustment with 6 pre-adjusted positions.

### Standard equipment

Bit for rims r. 10 mm HM, slotting bit d.10 mm HM, lateral fence, chuck collet reducers 12-10, 12-8 & 12-6 mm, guide ring Ø ext. 30 mm, wrench e/c 3 mm, wrench e/c 5 mm, wrench e/c 13 mm, wrench e/c 24 mm, locking rod D. 6, dust collection cover for trimming radius, dust collection connector 5 m with clamps, bit protection and carrying case.



Some applications of the FRE317S



Carrying case included on standard equipment.

### Specifications

Input power	1,800 W
Standard chuck collet	12 mm
Max. bit Ø	61 mm
No-load speed	11,500-23,000/min
Routing depth	0-100 mm
Weight	5.5 kg



Special bits for solid surface material see pag. 48

Accessories for FRE317S



**1745838 Cutting guide UF317S (with suction pads)**  
For a guided routing. Allows a stable and perfect finishing on repairing works.



**6045756 Set of suction pads**  
For fixing the machine when drilling holes or caps on Corian® worktops.

- Other accessories:**  
 9045754 Rail guide long. 1.40 m  
 9045755 Rail guide long. 2.40 m  
 9045812 Jointing kit for 2 guides  
 6045710 Set of 2 clamp screws

**Special bits for solid surface material**  
see pag. 51

**Other accessories as router**  
see pags. 34-39

**Guide rings**  
see pag 31



**1745927 Clamping device ASU317S**  
Allows a solid and stable fixing when gluing two panels in horizontal position.



**1745928 Elastic clamping device ATU317S**  
Allows to fix two panels at a different angle, when gluing them.

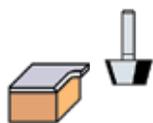


**1746254 Routing guide UC317S\***  
For routing in an easy way the gutters on Corian® worktops.  
Length, depth and inclination are adjustable.

(\* Should be used with the cutting guide UF317S

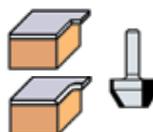
## Professional bits

### Bevel



Ref.	D	L	Z	S	d	T	EXP
1140012	22	12	2	15°	6	HM	64
1140013	22	12	2	30°	6	HM	64/36
1140023	24	12	4	30°	6	HM	64

### Flush/bevel combination



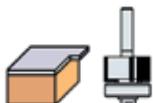
Ref.	D	L	Z	S	d	T	EXP
1140021	24	12	4 mixed	30°	6	HM	64
1040011	22	12	2 mixed	30°	6	HM	64/36

### Bevel



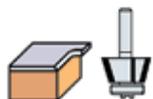
Ref.	D	L	Z	S	d	T	EXP
1140014	22	9	2	45°	6	HM	64/36

### Flush cut with bearing



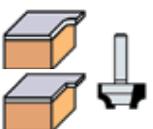
Ref.	D	L	Z	S	d	T	EXP
1140037	22	12	4	0°	6	HM	64/36

### Bevel with bearing



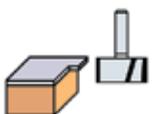
Ref.	D	L	Z	S	d	T	EXP
1140038	22	12	4	15°	6	HM	64

### Corner-rounding



Ref.	D	L	Z	S	d	T	EXP
1140075	22	12	2	r:5	6	HM	64/36

### Flush cut



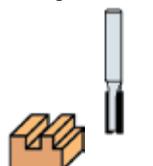
Ref.	D	L	Z	S	d	T	EXP
1140010	18	15	2	0°	6	HM	64/36
1140020	24	12	4	0°	6	HM	64

### V-groove

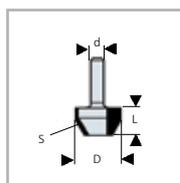


Ref.	D	L	Z	S	d	T	EXP
1140087	20	14	2	45°	8	HM	64/36

### Straight



Ref.	D	L	Z	S	d	T	EXP
1130055	6	17	2	0°	8	HSS	64
1130056	8	20	2	0°	8	HSS	64
1130057	10	20	2	0°	8	HSS	64



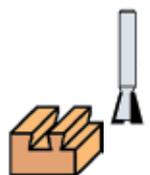
D: Bit diameter,  
L: Cutting height,  
Z: Number of cuts,  
S: Side profile,  
d: Shank diameter (chuck collet),  
T: HSS= High speed steel HM= Carbide,  
EXP: Display

### Straight



Ref.	D	L	Z	S	d	T	EXP
1130058	12	20	2	0°	8	HSS	64
1130059	7,6	20	2	0°	8	HSS	64
1140055	6	15	2	0°	8	HM	64/36
1140056	8	20	2	0°	8	HM	64/36
1140057	10	20	2	0°	8	HM	64/36
1140058	12	20	2	0°	8	HM	64/36
6040310	12	32	2	0°	8	HM	
1140059	7,6	20	2	0°	8	HM	64/36
1240024	12	10	2	0°	8	HM	64
1240025	13	10	2	0°	8	HM	64/36
1240026	14	10	2	0°	8	HM	64/36
1240027	15	10	2	0°	8	HM	64/36
1240028	16	10	2	0°	8	HM	64/36
1240029	17	10	2	0°	8	HM	64/36
1240030	18	10	2	0°	8	HM	64
1240031	19	10	2	0°	8	HM	64
1240032	20	10	2	0°	8	HM	64/36
1140257	10	32	2	0°	12	HM	33
1140258	12	32	2	0°	12	HM	33
1640258	12	35	3	0°	12	HM	33
1140259	14	32	2	0°	12	HM	33
6040379	15	30	2	0°	12	HM	
1140260	16	32	2	0°	12	HM	33

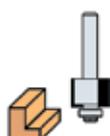
### Dovetailing



For FR66P,  
FR160P, FRE160P,  
AS93+CA66F, FR277R  
& FR278R.  
Marked with \*  
only for FR160P &  
FRE160P.

Ref.	Description	d	T	EXP
6040050	Dovetail bit Ø 15 mm (PL11 pitch 26 mm)	8	HM	64/36
1140060	Straight bit Ø 12 mm (PL11 pitch 26 mm)	8	HM	64
5040119	Dovetail bit Ø 9,5 mm (PL11 pitch 16 mm)	8	HM	64/36
5040120	Dovetail bit Ø 19 mm (PL11 pitch 34 mm)	8	HM	64/36
6040053*	Dovetail bit Ø 15 mm	12	HM	33
5040122*	Dovetail bit Ø 19 mm	12	HM	33

### Rabbeting with bearing



Ref.	D	L	Z	S	d	T	EXP
1132029	20	15	2	0°	8	HSS	64
1142030	26	13	2	0°	8	HM	64/36
1142031	32	13	2	r:9,5	12	HM	33

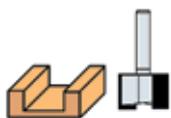
### Chanfer with bearing



Ref.	D	L	Z	S	d	T	EXP
1132026	20	11	2 mixed	45°	8	HSS	64
1142027	25	15	2 mixed	45°	8	HM	64/36

Professional bits

Straight



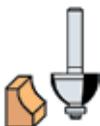
Ref.	D	L	Z	S	d	T	EXP
1132035	20	15	2	0°	8	HSS	64
1132036	27	20	2	0°	8	HSS	64
1140016	18	20	2	0°	8	HM	64/36

Radius bits for rims



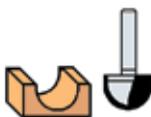
Ref.	D	L	Z	S	d	T
1740306	10	12	2	r:5	8	HM
1740311	12	12	2	r:6	8	HM
1740312	16	14	2	r:8	8	HM
1740307	20	14	2	r:10	8	HM

Cove with bearing



Ref.	D	L	Z	S	d	T	EXP
1142042	26	17	2	r:16	8	HM	64
1142242	38	16	2	r:13	12	HM	33

Core box



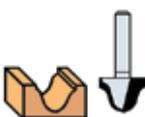
Ref.	D	L	Z	S	d	T	EXP
1132020	20	15	2	r:10	8	HSS	64
1142020	26	18	2	r:13	8	HM	64/36
1142220	38	13	2	r:19	12	HM	33

Double bead



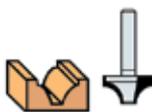
Ref.	D	L	Z	S	d	T	EXP
1142041	25	15	2	r:5	8	HM	64/36

Roman ogee



Ref.	D	L	Z	S	d	T	EXP
1132047	20	15	2	r:7	8	HSS	64
1132048	27	20	2	r:9	8	HSS	64
1142047	25	18	2	r:6	8	HM	64/36

Beading



Ref.	D	L	Z	S	d	T	EXP
1132038	20	15	2	r:7,5	8	HSS	64
1132039	27	15	2	r:10	8	HSS	64
1142039	25	19	2	r:15	8	HM	64/36
1142239	32	16	2	r:10	12	HM	33
1142339	38	19	2	r:12	12	HM	33

Roman ogee w/bearing



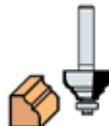
Ref.	D	L	Z	S	d	T	EXP
1142045	26	17	2	r:7	8	HM	64/36
1142245	38	17	2	r:6	12	HM	33

Beading with bearing



Ref.	D	L	Z	S	d	T	EXP
1142024	26	15	2	r:12	8	HM	64/36
1142224	38	19	2	r:12	12	HM	33

Cove and bead w/bearing



Ref.	D	L	Z	S	d	T	EXP
1142040	26	15	2	r:5	8	HM	64/36
1142140	35	17	2	r:6+5	12	HM	33

Moulding bit with bearing



Ref.	D	L	Z	S	d	T	EXP
1142150	32	16	2	r:8	12	HM	33

Corner rounding



Ref.	D	L	Z	S	d	T	EXP
1140107	23	12	2	r:6	8	HM	64
1140108	27	16	2	r:8	8	HM	64

Corner rounding with bearing



Ref.	D	L	Z	S	d	T	EXP
1140123	19	10	2	r:2	8	HM	
1140106	20	10	2	r:3	8	HM	64/36
1140109	25	11	2	r:6	8	HM	64
1140110	29	15	2	r:8	8	HM	64

Moulding bit



Ref.	D	L	Z	S	d	T	EXP
1140300	24	24,5	2	r:16	12	HM	33

Moulding bit



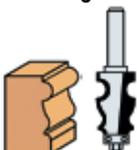
Ref.	D	L	Z	S	d	T	EXP
1140301	32	36	2	r:10	12	HM	33

Moulding bit



Ref.	D	L	Z	S	d	T	EXP
1140302	21	22	2	r:3	12	HM	33

Moulding bit



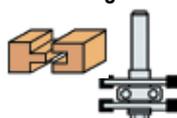
Ref.	D	L	Z	S	d	T	EXP
1140303	19	32	2	r:5	12	HM	33

Moulding bit



Ref.	D	L	Z	d	T	EXP
1140304	44	20	2	12	HM	33

Moulding bit



Ref.	D	L	Z	S	d	T	EXP
1140305	40	25	2	e=6+6	12	HM	33

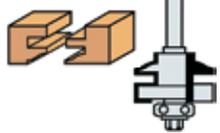
## Professional router bits

### Moulding bit



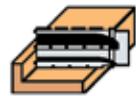
Ref.	D	L	Z	d	T	EXP
1142160	35	25	2	12	MD	33

### Counter moulding bit



Ref.	D	L	Z	d	T	EXP
1142161	35	25	2	12	MD	33

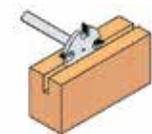
### Rabbeting



(For use with FR192N only)

Ref.	D	L	Z	S	d	T	EXP
1240046	22	41	4	0°	EJE	MD	64/36

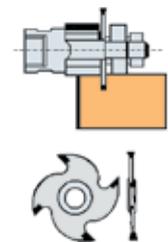
### Slotting cutter



(\*) L=Slot thickness

Ref.	D	L**	Z	S	d	T	EXP
1140111	41	2,5	4	0°	8	MD	
1140112	41	3	4	0°	8	MD	
1140113	41	4	4	0°	8	MD	64/36
1140114	41	5	4	0°	8	MD	

### Slotting and trimming device



Ref.	Description	d	T
1100008	Slotting device 2.2 mm	Shaft	HM
1100009	Slotting device 1.8 mm	Shaft	HM
1140066	Saw blade Ø 41 thick. 2.2 mm		HM
1140067	Saw blade Ø 41 thick. 1.8 mm		HM
1140072	Saw blade Ø 41 thick. 1.6 mm		HM

(For use with AS93)

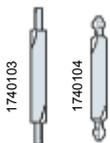
### Bits for trimming corners

(For use with FR817T or FR217S)

Ref.	D	L	Z	S	d	T
1740189	12	9	2	45°	8	MD

### Double bits for slotting

(For use with RA17D, RA17VB)



Ref.	Description	d	T	EXP
1740103	Slotting bit e=3 MD	6	MD	64/36
1740104	Anchor slotting bit	6	MD	64/36
1740124	Mixed slotting bit	6	MD	

### Slotting device



(For use with CR94D)

Ref.	Description	d	T
1850046	Bit holder w/bit Ø 38x3,5	Shaft	MD
1840040	Slotting bit Ø 38x3,5	Shaft	MD
1840051	Slotting bit Ø 55x3,5	Shaft	MD
1840083	Slotting bit Ø 38x4	Shaft	MD
1840084	Slotting bit Ø 55x4	Shaft	MD
1850045	Bit holder without bit		

### Mortising bit for FR160P, FRE160P y FR66P



Ref.	Description	d	D	T
1640258	Mortising bit (FR/FRE160P)	12	12	MD
1640157	Mortising bit (FR66P)		12	MD

### Cutter for placing bottom-hung fittings

Ref.	Description	D	L	Z	d
7740117	For AGB fittings (For use with FR277R, FR278R)	16	25	2	Shaft
6640125	For AGB fittings (For use with FR66P, AS93+CA66F)	16	25	2	Shaft
6040313	For AGB fittings	16	35	2	12

### Router bits display

Ref.	Description
1299119	Display with 36 bits
1299120	Display with 64 bits
1299200	Display with 33 bits (for collet 12 mm) & mortising bits

The column "EXP" indicates the contents of each display.

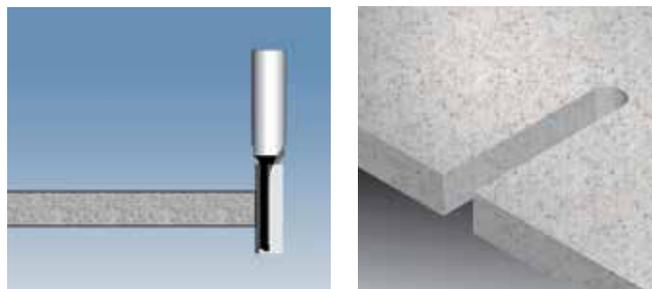


Bits for Corian® and other solid surface materials

D: Max. cutting diameter  
 d: Collet diameter or diameter as showed on the picture.  
 L: Cutting length  
 R: Main radius  
 r: Radius as showed on the picture  
 a°: Angle  
 TL: Total length  
 Rpm máx.: Max. speed x min<sup>-1</sup>

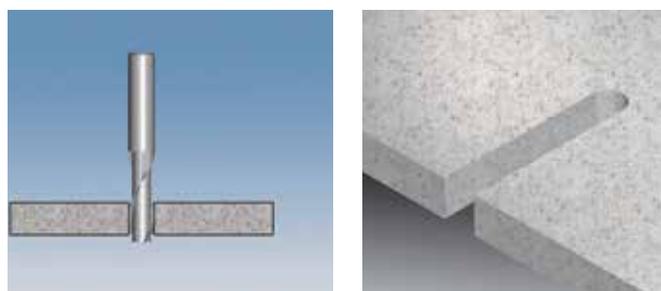
NOMENCLATURE

**2 cuts carbide straight bit**



Ref.	EAN13	D	d	L	TL	Rpm max.
1140257	8421752065000	10	12	32	73	
1140258	8421752065017	12	12	32	73	

**2 cuts helicoidal full carbide bit**



Ref.	EAN13	D	d	L	TL	Rpm max.
1740332	8421752077317	10	10	35	73	
1740333	8421752077324	12	12	45	84	

**Carbide bit for rims**



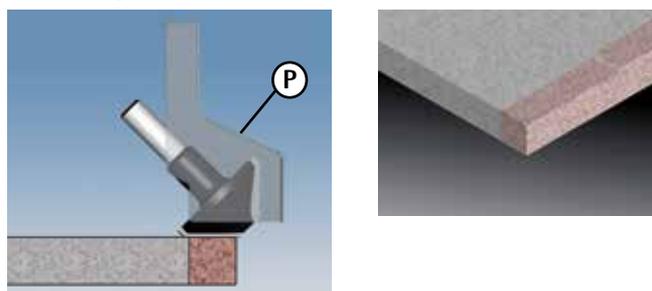
Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740362	8421752078369	20	12	14	10	65	18000
1740363	8421752078376	10	12	13	5	69	20000

**Carbide bit for rims**



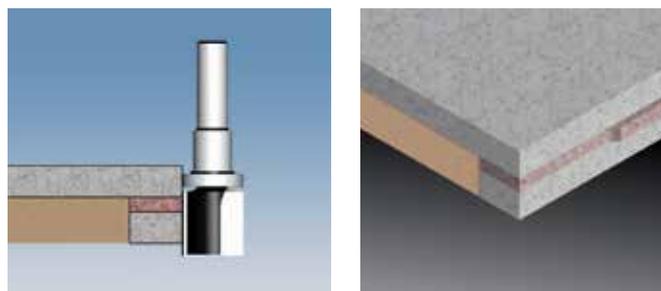
Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740322	8421752077614	10	12	13	5	69	20000
1740324	8421752075801	20	12	14	10	65	18000

**Trimming carbide bit 45°x26**



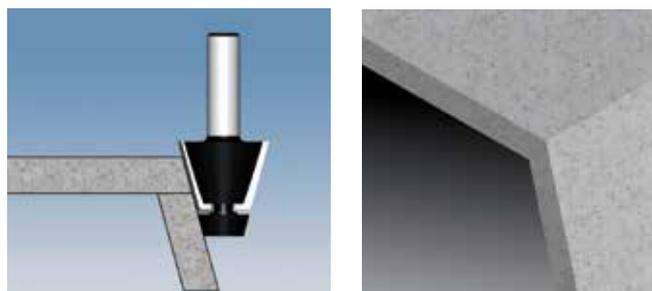
Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740349	8421752077485	50	12	26	45°	80	20000

**Carbide trimming bit w/upper bearing**



Ref.	EAN13	D	d	L	TL	Rpm max.
1740347	8421752077461	24	12	25	84	

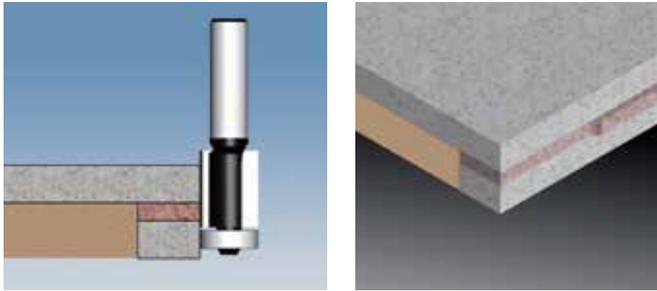
**Fraise à chanfreiner 15° avec GAB conique**



Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740341	8421752077409	33,5	12	25	15°	75	

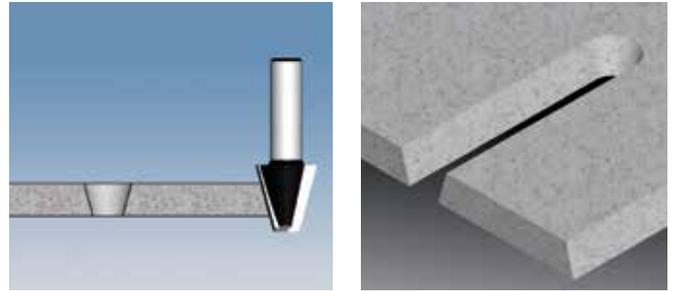
Bits for Corian® and other solid surface materials

**Carbide trimming bit w/lower bearing**



Ref.	EAN13	D	d	L	TL	Rpm max.
1740348	8421752077478	19	12	25	75	

**Carbide drilling and 15° bevel bit**



Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740344	8421752077430	23	12	25	15°	65	

**Carbide planning bit**



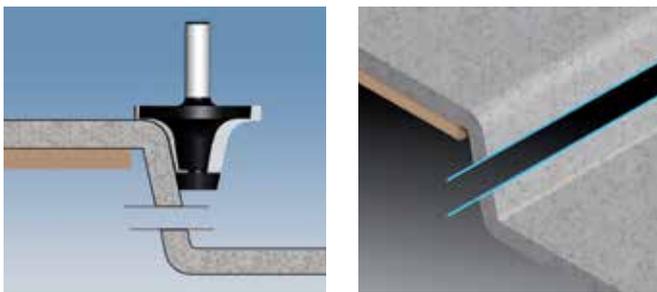
Ref.	EAN13	D	d	L	TL	Rpm max.
1740335	8421752077348	25	12	9	60	
1740334	8421752077331	52	12	8,5	60	20000

**Dovetail carbide bit 15°**



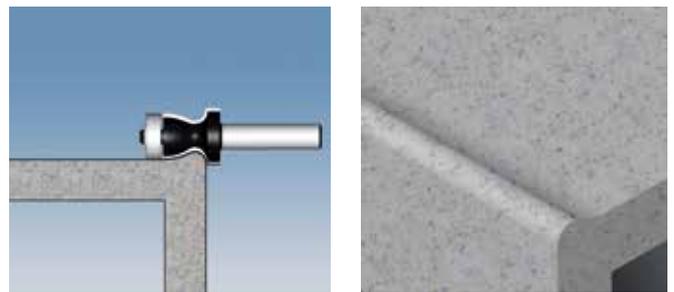
Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740346	8421752077454	25	12	25	15°	75	

**Trimming carb. bit for sinks w/bearing**



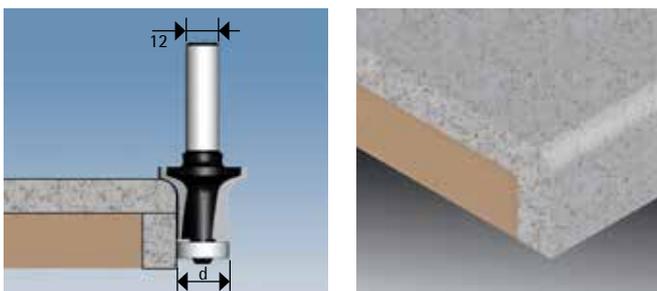
Ref.	EAN13	D	d	L	R	a°	TL	Rpm max.
1740342	8421752077416	49	12	25	6	12°	83	
1740343	8421752077423	60	12	24	12	12°	80	20000

**Carb. bit for round edge w/bearing**



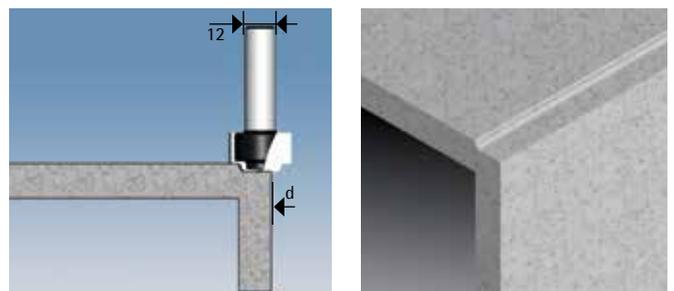
Ref.	EAN13	D	d	L	R	r	TL	Rpm max.
1740336	8421752077355	27	22	20	5	24	83	

**Straight carb. bit R 6 w/bearing**



Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740350	8421752077492	32	19	22	6	78	

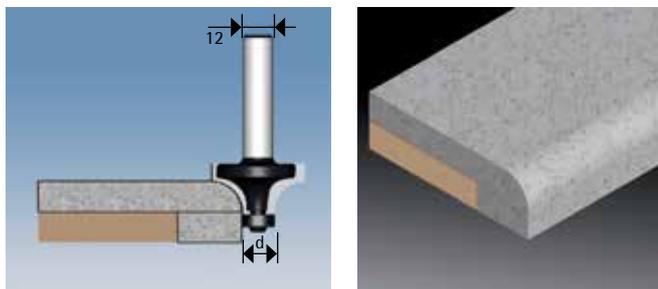
**Carbide bit for edges**



Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740345	8421752077447	24	16	12+3	2	56	

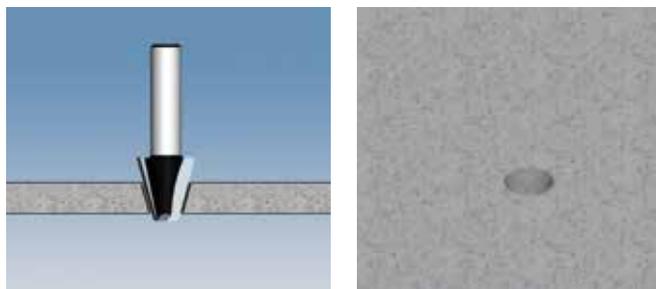
Bits for Corian® and other solid surface materials

**Upper radius carbide bit w/lower bearing**



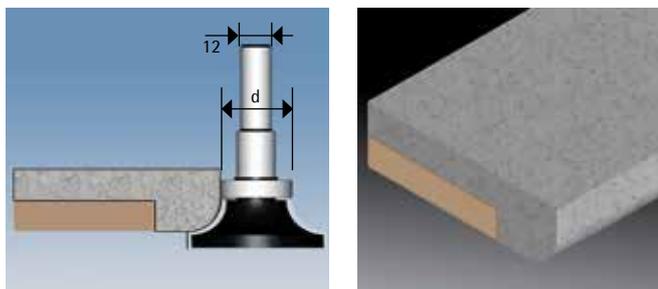
Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740337	8421752077362	28	12	13	6	68	
1740338	8421752077379	40	12	19	12	77.5	

**Conical drilling carbide bit**



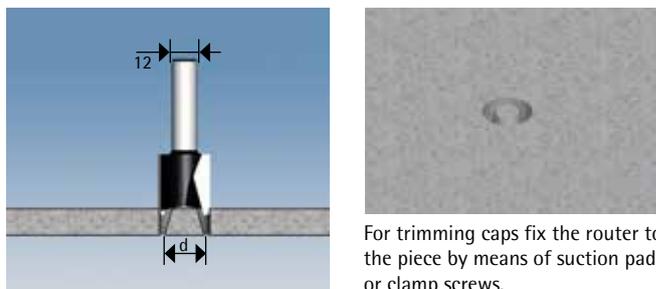
Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740353	8421752077546	23	12	25	15°	70	18000
1740354	8421752077553	34	12	25	15°	70	16000
1740355	8421752077560	45	12	25	15°	70	12000

**Lower radius carbide bit w/upper bearing**



Ref.	EAN13	D	d	L	R	TL	Rpm max.
1740339	8421752077386	40	28	12	6	80	
1740340	8421752077393	54	28	19	12	80	20000

**Caps drilling carbide bit**



Ref.	EAN13	D	d	L	a°	TL	Rpm max.
1740356	8421752077577	24	18	18	15°	74	20000
1740357	8421752077584	33	23	18	15°	74	18000
1740358	8421752077591	41	33	18	15°	74	16000
1740359	8421752077607	53	45	18	15°	74	12000

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Woodworking machinery and tools



# 2016 / 2017



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