

NEW PRODUCTS



June 2016

Quality products - quality service

In addition to the new hand routing products in this leaflet we also have a catalogue with CNC specific tooling, which includes many new products such as:

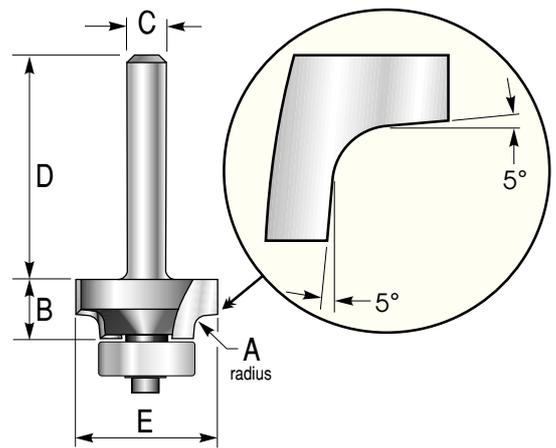
- STC 3 flute finishing and chipbreaker finishing spirals
- Arris rounding cutters - replaceable tip
- Ball nose - replaceable tip
- PCD bookcase strip cutter
- PCD down shear trenching

Ask for a copy today



ARRIS ROUNDING

This two flute TC tipped cutter is designed to remove the arris from timber, having a taper after the radius to produce a soft edge to the cut. This design helps produce a smooth cut without the need for any additional finishing.



| Part No. | A | B | C | D | E | Price inc. VAT |
|------------|-------|------|------|------|--------|----------------|
| T1301B | 1.5mm | 10mm | 1/4" | 38mm | 18.7mm | £17.50 |
| T1302B | 2.0mm | 10mm | 1/4" | 38mm | 19.7mm | £17.50 |
| T1302B - 8 | 2.0mm | 10mm | 8mm | 38mm | 19.7mm | £17.50 |
| T1303B | 3.0mm | 10mm | 1/4" | 38mm | 21.7mm | £17.50 |

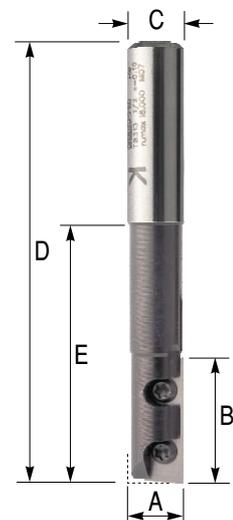
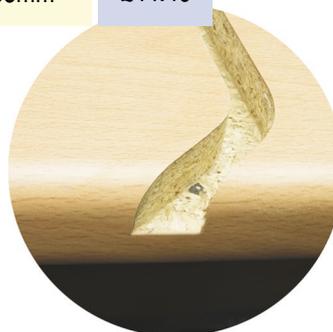
EASI-TIP® REPLACEABLE TIP WORKTOP CUTTER

A single flute replaceable tip worktop cutter. The relieved neck allows cuts of up to 58mm in a series of passes. The turnover blades have two cutting edges, making the tool more economical in daily use. Supplied complete with blade and key.

| Part No. | A | B | C | D | E | Price inc. VAT |
|-----------|--------|------|------|-------|------|----------------|
| T8313 1/2 | 12.7mm | 29mm | 1/2" | 100mm | 68mm | £44.40 |

Replacement parts

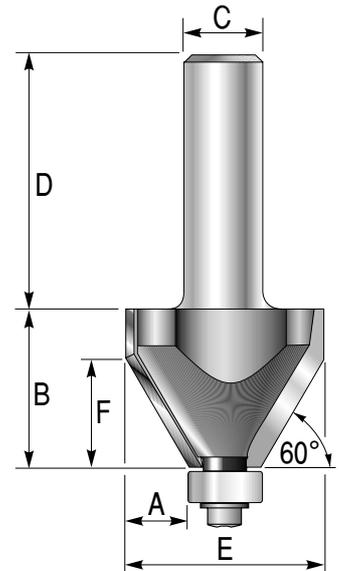
| Part No. | Description | Price inc. VAT |
|----------|------------------------|----------------|
| TK27 | Replacement blade | £4.02 |
| TK27B | Box of 10 blades | £36.00 |
| TQ354 | Clamp screw M3.5 x 4.4 | £1.62 |
| KT15 | Torx key | £2.45 |



CHAMFER – 60 DEGREE

Two flute cutter with guide bearing to produce 60° chamfered edges. Used for relieving edges on frames, legs, sills, mouldings etc.

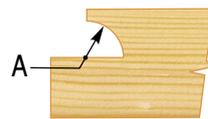
| Part No. | A | B | C | D | E | F | Price inc. VAT |
|-------------|------|------|------|------|--------|------|----------------|
| T924B – 8 | 14mm | 30mm | 8mm | 38mm | 40.8mm | 25mm | £30.60 |
| T924B – 1/2 | 14mm | 30mm | 1/2" | 40mm | 40.8mm | 25mm | £30.60 |



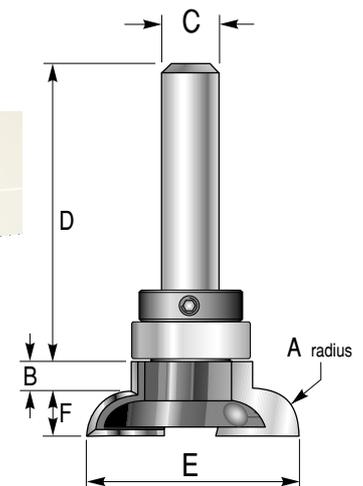
OVOLO SCRIBE / FINGER PULL

These tungsten carbide tipped 2 flute cutters may be used as scribes for ovolo profiles, and are also suitable for use as a finger pull profile and window drip groove.

When used as a finger pull for cabinet doors the 11mm radius will allow a finger grip on 18mm MDF drawers and doors.

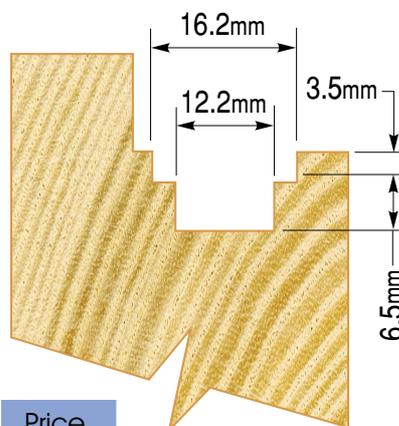


| Part No. | A | B | C | D | E | F | Price inc. VAT |
|------------|--------|-----|-----|------|--------|--------|----------------|
| T1585B – 8 | 9.5mm | 6mm | 8mm | 50mm | 35.0mm | 9.5mm | £36.36 |
| T1586B – 8 | 11.0mm | 6mm | 8mm | 50mm | 38.0mm | 11.0mm | £39.48 |
| T1588B – 8 | 12.7mm | 6mm | 8mm | 50mm | 41.4mm | 12.7mm | £43.68 |

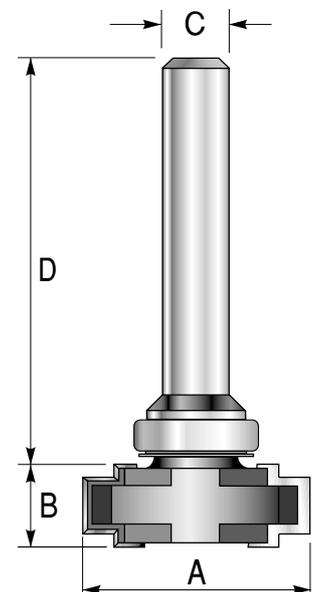


ESPAGNOLETTE GROOVE CUTTER – 16mm

These tungsten carbide tipped eurogroove cutters will cut grooves for 16mm wide espagnolette locking systems. They have a shank mounted bearing enabling them to cut rebated door sets.



| Part No. | A | B | C | D | Price inc. VAT |
|-----------|------|--------|-----|------|----------------|
| T5930 – 8 | 44mm | 16.2mm | 8mm | 55mm | £47.50 |
| T5930 3/8 | 44mm | 16.2mm | 3/8 | 55mm | £47.50 |
| T5930 1/2 | 44mm | 16.2mm | 1/2 | 80mm | £47.50 |



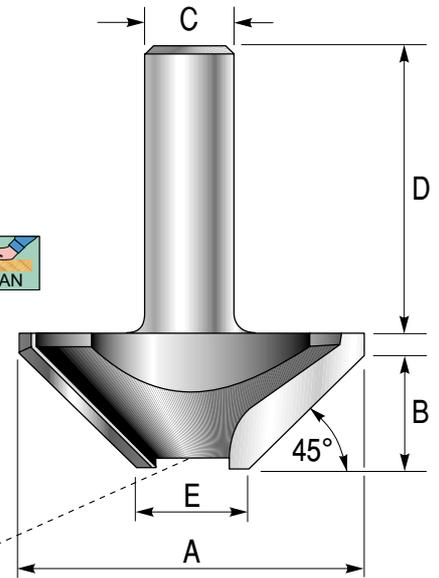
CHAMFER DOWN-SHEAR

Two flute TC tipped cutters with down-shearing cutting action. The down-shear helps to ensure a clean cut on the top face, especially when working with veneered boards. Suitable for hand use or on a CNC machine.

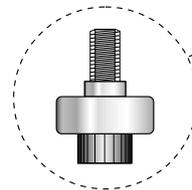
A bearing kit is available as an optional extra for use on hand routers.

| Part No. | A | B | C | D | E |
|-----------|------|------|------|------|------|
| NA1911315 | 45mm | 15mm | 1/2" | 50mm | 15mm |

Price
inc. VAT
£32.60



Bearing kit TB1911
(order separately)



Guide bearing kit

| Part No. | Price inc. VAT |
|----------|-------------------|
| TB1911 | £3.00 |

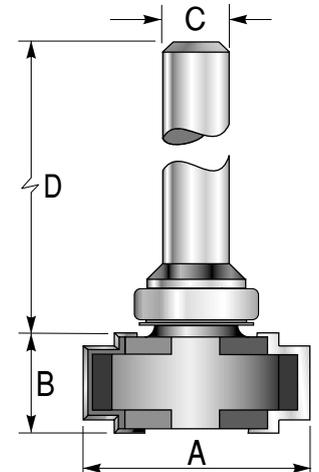
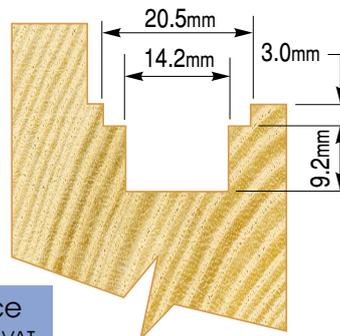


ESPAGNOLETTE GROOVE CUTTER – 20mm

These tungsten carbide tipped eurogroove cutters will cut grooves for 20mm wide espagnolette locking systems. They have a shank mounted bearing enabling them to cut rebated door sets.

| Part No. | A | B | C | D |
|-----------|------|--------|-----|------|
| T5935 – 8 | 44mm | 20.5mm | 8mm | 55mm |
| T5935 3/8 | 44mm | 20.5mm | 3/8 | 55mm |
| T5935 1/2 | 44mm | 20.5mm | 1/2 | 80mm |

Price
inc. VAT
£47.50
£47.50
£47.50

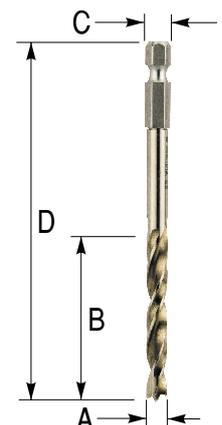


HSS DOWEL DRILLS

| Part No. | A | | B | C | | D |
|----------|-------|------|----|-----|------|---|
| | mm | inch | | mm | inch | |
| D63030 | 3.00 | | 33 | 1/4 | 74 | |
| D63040 | 4.00 | | 44 | 1/4 | 88 | |
| D63050 | 5.00 | | 52 | 1/4 | 100 | |
| D63060 | 6.00 | | 57 | 1/4 | 107 | |
| D63080 | 8.00 | | 75 | 1/4 | 117 | |
| D63100 | 10.00 | | 87 | 1/4 | 133 | |

Price
inc. VAT
£2.38
£2.50
£3.40
£3.95
£3.95
£5.50

Lip and spur (form C) dowel drills with 1/4" hexagonal shank suitable for all universal quick release holders and conventional drill chucks. For use on all timber materials, giving fast accurate cutting with centring point.



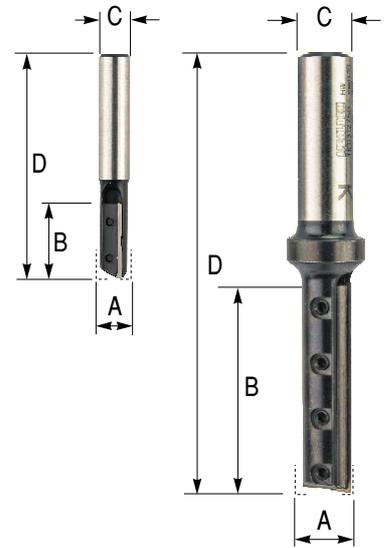
EASY-FIX[®] STRAIGHT SINGLE FLUTE

A range of single flute replaceable TC tip cutters.

These economical production cutters have low cost solid tungsten carbide replaceable knives with positive location for easy replacement and long life.

Supplied complete with blade and key.

| Part No. | A | B | C | D | Blade | Price inc. VAT |
|------------|--------|------|-----|-------|--------|----------------|
| TE10808020 | 8.0mm | 20mm | 8mm | 60mm | TK4120 | £39.60 |
| TE11308020 | 8.0mm | 20mm | 1/2 | 67mm | TK4120 | £39.60 |
| TE10801030 | 10.0mm | 30mm | 8mm | 70mm | TK5530 | £41.50 |
| TE11312730 | 12.7mm | 30mm | 1/2 | 80mm | TK5530 | £43.20 |
| TE11312050 | 12.0mm | 50mm | 1/2 | 103mm | TK5550 | £49.20 |
| TE11312750 | 12.7mm | 50mm | 1/2 | 103mm | TK5550 | £49.20 |
| TE11314050 | 14.0mm | 49mm | 1/2 | 103mm | TK5649 | £52.20 |
| TE11318030 | 18.0mm | 29mm | 1/2 | 103mm | TK5629 | £55.80 |



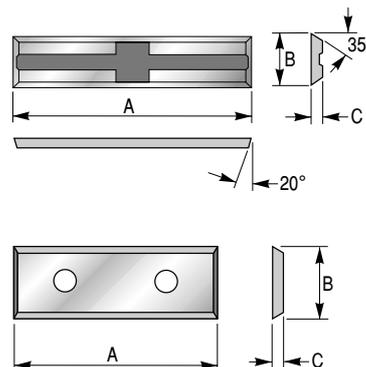
EASY-FIX[®] REPLACEMENT BLADES

| Part Number each | box 10 | A | B | C | Price each | inc. VAT Box 10 |
|------------------|---------|------|--------|-------|------------|-----------------|
| TK4120 | TK4120B | 20mm | 4.1mm | 1.1mm | £1.95 | £15.60 |
| TK5530 | TK5530B | 30mm | 5.5mm | 1.1mm | £2.06 | £16.50 |
| TK5550 | TK5550B | 50mm | 5.5mm | 1.1mm | £2.64 | £23.40 |
| TK5629 | TK5629B | 29mm | 12.0mm | 1.5mm | £4.32 | £39.00 |
| TK5649 | TK5649B | 49mm | 9.0mm | 1.5mm | £4.74 | £42.60 |



Replacement parts

| Part No. | Description | Price inc. VAT |
|----------|------------------------|----------------|
| F002079 | Torx key T8 | £3.10 |
| F002085 | Torx key T9 | £3.10 |
| KT15 | Torx key T15 | £2.45 |
| TQ254 | Clamp screw M2.5 x 4.5 | £1.55 |
| TQ256 | Clamp screw M2.5 x 6 | £1.55 |
| TQ404 | Clamp screw M4 x 4 | £1.35 |
| TQ408 | Clamp screw M4 x 6 | £1.65 |
| TQ406 | Clamp screw M4 x 6 | £1.65 |



TCT replacement blades for our Easy-Fix[®] cutters. They can be rotated, giving two cutting edges per blade. They are in grade HC05 carbide.

IMPORTANT: To prevent blade fracture, when fitting a new blade ensure that the tip seating area is completely clean.

REBATE – BEARING GUIDED

EASI-TIP

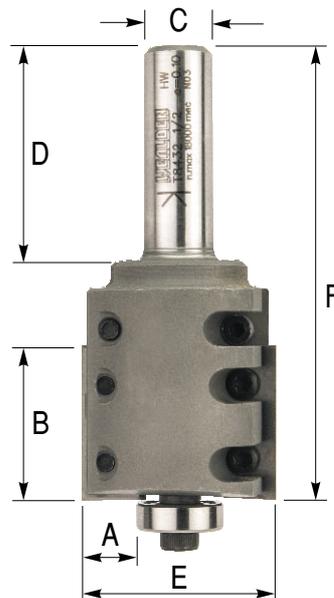
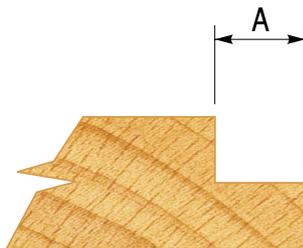
| Part No. | A | B | C | D | E | F |
|-----------|-----------|--------|-----|------|------|------|
| T8432 1/2 | See table | 29.5mm | 1/2 | 40mm | 36mm | 85mm |

Price
inc. VAT
£79.80

This heavy duty two flute replaceable tip rebating cutter has a wide range of guide bearings available. The replaceable TC knives make it an economical choice for rebating difficult and abrasive materials.

Replacement parts

| Part No. | Description |
|----------|-------------------|
| TK5629 | TC blade |
| TQ408 | Torx screw M4 x 6 |
| KT15 | Torx key |



Guide Bearings
(order separately)

| Part No. | A | Price inc. VAT |
|----------|--------|-------------------|
| TR346 | 0.7mm | £4.98 |
| TR320 | 2.0mm | £4.98 |
| TR300 | 3.0mm | £4.85 |
| TR280 | 4.0mm | £4.98 |
| TR260 | 5.0mm | £4.98 |
| TR240 | 6.0mm | £4.98 |
| TB902 | 7.0mm | £3.48 |
| TR200 | 8.0mm | £4.98 |
| TB744 | 9.0mm | £3.08 |
| TB675 | 9.5mm | £3.10 |
| TB216 | 10.0mm | £2.50 |
| TB413 | 10.5mm | £3.08 |
| TB322 | 11.0mm | £2.60 |
| TB213 | 11.5mm | £2.45 |
| TB212 | 12.0mm | £2.40 |
| TB211 | 12.5mm | £2.29 |
| TB210 | 13.0mm | £2.40 |
| TB209 | 13.5mm | £2.40 |
| TB208 | 14.0mm | £2.40 |

ADJUSTABLE GROOVER

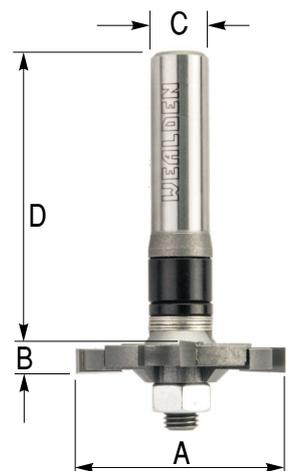
This tungsten carbide tipped shim adjustable grooving cutter will cut grooves from 6mm to 10.5mm wide with a maximum cut depth of 13mm.

The cutter may be used in place of the groover on the frame jointing sets (page 61), thus allowing for infill panel thickness between 6mm and 10.5mm.

If used with the frame jointing sets only the cutters plus shims are required, as the arbor from the set may be used. It is also available as a complete assembly including an arbor.

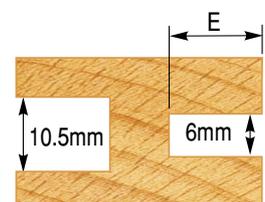
OPTIONAL BEARINGS

| Bearing | E (groove depth) |
|---------|------------------|
| TB917 | 8.0mm |
| TB915 | 9.0mm |
| TB913 | 10.0mm |
| TB912 | 11.0mm |
| TB910 | 12.0mm |



| Part No. | A | B | C | D | Description |
|-----------|------|----------|-----|------|-------------------|
| T4363 | 46mm | 6–10.5mm | – | – | cutters + shims |
| T4365 – 8 | 46mm | 6–10.5mm | 8mm | 65mm | complete assembly |
| T4366 3/8 | 46mm | 6–10.5mm | 3/8 | 65mm | complete assembly |
| T4367 1/2 | 46mm | 6–10.5mm | 1/2 | 65mm | complete assembly |

Price
inc. VAT
£45.00
£53.94
£53.94
£53.94



CNC 3 FLUTE FINISHING SPIRAL – STC

A range of three flute spiral cutters, which give an excellent top and side edge finish. The down-shear action holds the workpiece down but forces the chips down on the spoil board.

The cutters are supplied with a locator circlip, which may be removed if not required.

FINISHING - 3 FLUTE DOWNCUT

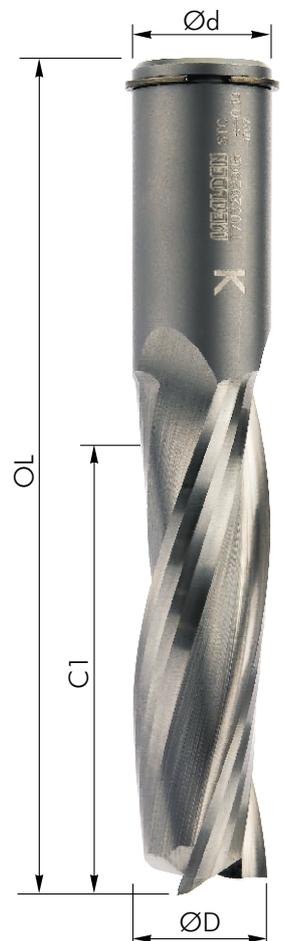
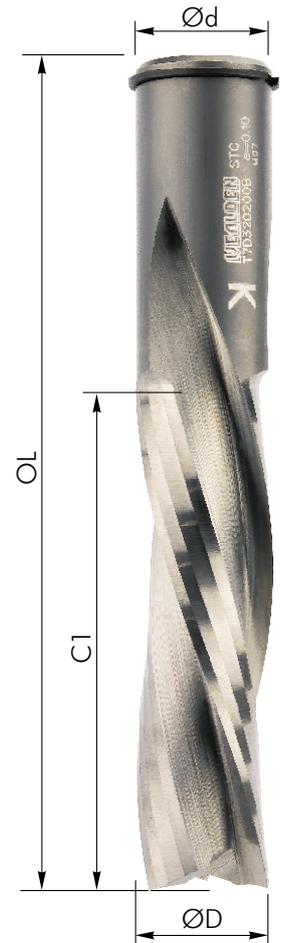
| Part No. | ØD | | C1 | Ød | OL | Price inc. VAT |
|------------------|------|-----------|--------|----------|-----------|-------------------|
| | mm | inch | | | | |
| T7D310100B ----- | 10.0 | -- 0.3937 | --- 42 | --- 10mm | ----- 90 | £48.00 |
| T7D312120B ----- | 12.0 | -- 0.4724 | --- 42 | --- 12mm | ----- 90 | £56.40 |
| T7D312120C ----- | 12.0 | -- 0.4724 | --- 52 | --- 12mm | ----- 100 | £63.00 |
| T7D316160B ----- | 16.0 | -- 0.6299 | --- 52 | --- 16mm | ----- 100 | £82.20 |
| T7D320200A ----- | 20.0 | -- 0.7874 | --- 52 | --- 20mm | ----- 100 | £112.80 |
| T7D320200B ----- | 20.0 | -- 0.7874 | --- 72 | --- 20mm | ----- 120 | £150.00 |

A range of three flute spiral cutters for general routing on all board types. These cutters give a fine finish with excellent chip removal.

The cutters are supplied with a locator circlip, which may be removed if not required.

FINISHING - 3 FLUTE UPCUT

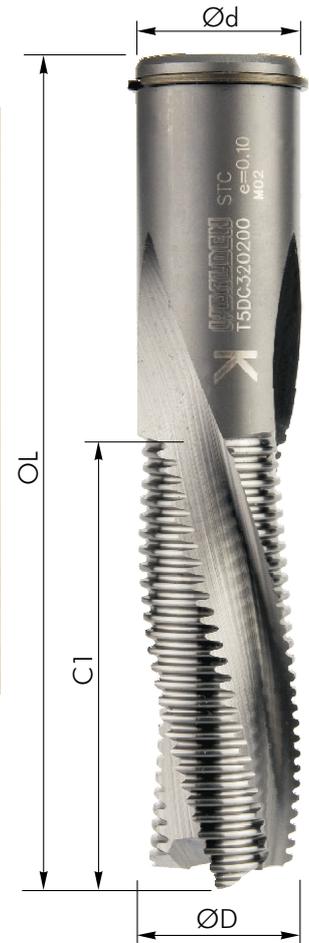
| Part No. | ØD | | C1 | Ød | OL | Price inc. VAT |
|------------------|------|-----------|--------|----------|-----------|-------------------|
| | mm | inch | | | | |
| T7U310100B ----- | 10.0 | -- 0.3937 | --- 42 | --- 10mm | ----- 90 | £48.00 |
| T7U312120B ----- | 12.0 | -- 0.4724 | --- 42 | --- 12mm | ----- 90 | £56.40 |
| T7U312120C ----- | 12.0 | -- 0.4724 | --- 52 | --- 12mm | ----- 100 | £63.00 |
| T7U316160B ----- | 16.0 | -- 0.6299 | --- 52 | --- 16mm | ----- 100 | £82.20 |
| T7U320200A ----- | 20.0 | -- 0.7874 | --- 52 | --- 20mm | ----- 100 | £112.80 |
| T7U320200B ----- | 20.0 | -- 0.7874 | --- 72 | --- 20mm | ----- 120 | £150.00 |



CNC CHIPBREAKER SPIRAL – STC

A range of three flute chipbreaker spiral cutters, which give high feed rates with low noise. The spiral chipbreaker design gives a fine serrated finish with good chip clearance and low chip loading. In many situations the finish given may be acceptable without any further machining operations.

The cutters are supplied with a locator circlip, which may be removed if not required.



FINISHING CHIPBREAKER - 3 FLUTE DOWNCUT

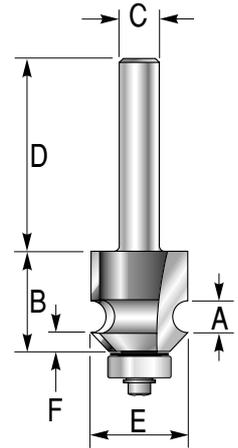
| Part No. | ØD | | C1 | Ød | OL | Price inc. VAT |
|-------------|------|--------|-----|------|-----|-------------------|
| | mm | inch | | | | |
| T5DC308080L | 8.0 | 0.3149 | 32 | 8mm | 80 | £47.23 |
| T5DC310100 | 10.0 | 0.3937 | 32 | 10mm | 80 | £49.56 |
| T5DC312120 | 12.0 | 0.4724 | 32 | 1/2" | 80 | £77.32 |
| T5DC312120X | 12.0 | 0.4724 | 52 | 1/2" | 100 | £93.43 |
| T5DC314140X | 14.0 | 0.5512 | 52 | 14mm | 100 | £101.18 |
| T5DC316160X | 16.0 | 0.6299 | 72 | 16mm | 120 | £127.70 |
| T5DC318180L | 18.0 | 0.7086 | 72 | 18mm | 120 | £154.22 |
| T5DC320200 | 20.0 | 0.7874 | 52 | 20mm | 100 | £137.70 |
| T5DC320200X | 20.0 | 0.7874 | 102 | 20mm | 150 | £213.18 |

FINISHING CHIPBREAKER - 3 FLUTE UPCUT

| Part No. | ØD | | C1 | Ød | OL | Price inc. VAT |
|-------------|------|--------|-----|------|-----|-------------------|
| | mm | inch | | | | |
| T5UC308080L | 8.0 | 0.3149 | 32 | 8mm | 80 | £47.23 |
| T5UC310100 | 10.0 | 0.3937 | 32 | 10mm | 80 | £49.56 |
| T5UC312120 | 12.0 | 0.4724 | 32 | 1/2" | 80 | £77.32 |
| T5UC312120X | 12.0 | 0.4724 | 52 | 1/2" | 100 | £93.43 |
| T5UC314140X | 14.0 | 0.5512 | 52 | 14mm | 100 | £101.18 |
| T5UC316160X | 16.0 | 0.6299 | 72 | 16mm | 120 | £127.70 |
| T5UC318180L | 18.0 | 0.7086 | 72 | 18mm | 120 | £154.22 |
| T5UC320200 | 20.0 | 0.7874 | 52 | 20mm | 100 | £137.70 |
| T5UC320200X | 20.0 | 0.7874 | 102 | 20mm | 150 | £213.18 |

BUTT BEAD

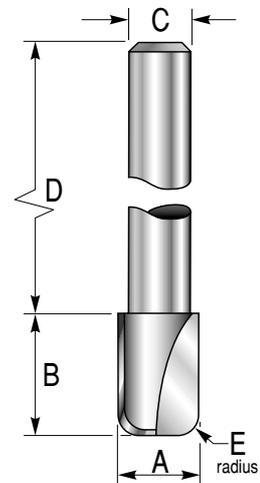
These bearing guided two flute cutters will produce a bead and V profile for bead and butt boarding.



| Part No. | A | B | C | D | E | F | Price inc. VAT |
|------------|--------|--------|------|------|--------|-------|----------------|
| T2690B-8 | 6.0mm | 19.6mm | 8mm | 38mm | 19.2mm | 3.6mm | £20.40 |
| T2693B-8 | 8.0mm | 22.6mm | 8mm | 38mm | 21.2mm | 4.6mm | £22.44 |
| T2696B-8 | 10.0mm | 25.6mm | 8mm | 38mm | 23.2mm | 5.6mm | £25.80 |
| T2697B 1/2 | 10.0mm | 25.6mm | 1/2" | 40mm | 23.2mm | 5.6mm | £25.80 |

BLENDING RADIUS

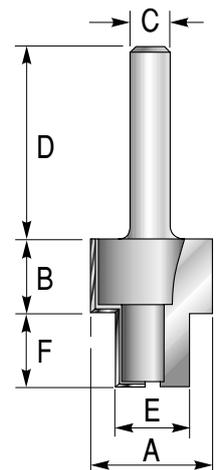
Two flute TC tipped cutters with flat bottom and radiused corners to enable smoother transitions between tool paths on three dimensional profiles.



| Part No. | A | B | C | D | E | Price inc. VAT |
|-----------|--------|--------|-----|------|-------|----------------|
| T2961 - 8 | 6.0mm | 10.0mm | 8mm | 50mm | 1.5mm | £15.54 |
| T2963 - 8 | 8.0mm | 10.0mm | 8mm | 50mm | 2.0mm | £15.54 |
| T2965 - 8 | 10.0mm | 10.0mm | 8mm | 50mm | 3.0mm | £15.54 |

ESPAGNOLETTE GROOVE VERTICAL

A cutter to cut the faceplate rebate and clearance for the mechanism for a 16mm nominal espagnolette locking system. This type of cutter will profile vertically when the traditional horizontal cutter cannot be used.



| Part No. | A | B | C | D | E | F | Price inc. VAT |
|-----------|--------|------|------|------|------|------|----------------|
| T4420-8 | 16.2mm | 10mm | 8mm | 38mm | 12mm | 10mm | £19.50 |
| T4420 1/2 | 16.2mm | 10mm | 1/2" | 40mm | 12mm | 10mm | £19.50 |

NEW SIZES IN EXISTING RANGES

| PRODUCT | PART No. | PAGE | DESCRIPTION | PRICE inc. VAT |
|--------------------|------------|------|---|----------------|
| Panel trim | T8048B 1/2 | 35 | Same as T8020B-1/2 but length "B" is 65mm | £32.70 |
| Ovolo - round over | T1340E 1/2 | 19 | Same as T1340-1/2 but radius "A" is 15mm | £32.40 |
| Straight two flute | TL212M | 3 | Same as T212M but shank length "D" is 50mm | £11.20 |
| Straight two flute | TL1112M | 3 | Same as T1112M but shank length "D" is 55mm | £11.30 |
| Straight two flute | T1416.5M | 4 | Same as T1416MM but diameter "A" is 16.5mm | £18.72 |
| Beaded edge | T2509B-8 | 42 | Same as T2503B-8 but diameter "A" is 8mm | £29.52 |