

# *Router cutters for solid surface materials*



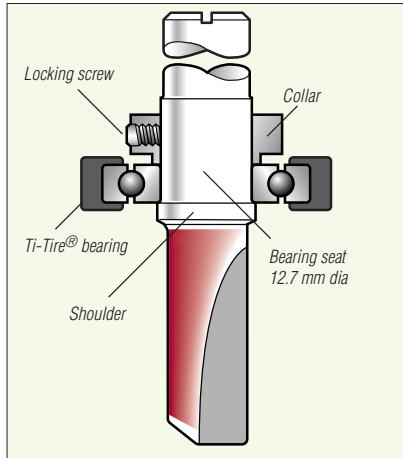
from **Titman**



*The best in router tooling*

## Titman/Corian® cutter

These Titman cutters have been developed in conjunction with DuPont CORIAN® for the world market. The objective being to produce the highest quality products with profiles to minimise dirt retention, using tungsten carbides and geometries especially developed and tested for optimum performance with CORIAN®.



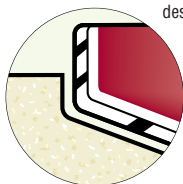
A patented system of repair and decorative design cutters for CORIAN® is available - *please contact Titman Tip Tools Limited for further details.*

## Titman Ti-Tire® bearings

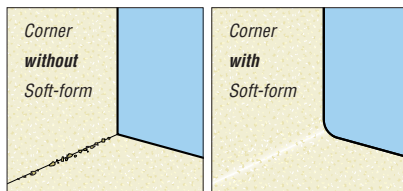
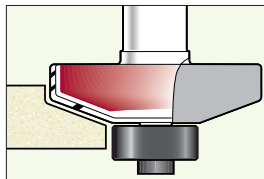
Titman bearings are **Ti-Tire®** using a lipped construction feature minimising the possibility of tire removal. The plastic coated Ti-Tire® bearings will prevent marks on Corian® type materials.

## Soft-form cutters

Our cutters specially made for CORIAN® have been designed with a 1.5mm (1/16") radius on all corners to minimise dirt retention, and reduce stress fractures. It also creates a smooth blend when curves join the flat surface.



The Soft-form profile will minimise the chance of stress fractures.



## BS570 / ISO9002

In October 1992, Titman Tip Tools Limited achieved the prestigious BS5750/ISO9002 Part 2 approval. This is the manufacturers approved accreditation and is a major indication of our company's dedication to quality.

Coupled with our Holz-BG Certification it gives you guaranteed quality of our tooling, plus the reassurance that the materials and methods used in our production have correct traceability, conformity and the consistency expected from one of Europe's major tooling manufacturers. We are the first Router Cutter Manufacturer and Distributor to gain BS5750/ISO9002.

## Holz-BG

Our tools have passed the extensive tests carried out by the Holz-BG Institute of Munich. These tests include dynamic balance over speed testing (to twice maximum 48,000 rpm) material structure and manufacturing design. The Holz-BG numbers are as follows:

BG-TEST  
145-001

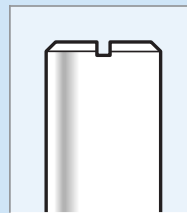
BG-TEST  
145-002

**BG Test 145-001** profile/shaped cutters

**BG Test 145-002** straight fluted panel cutters

## The index slot

The index slot provides for accurate production indexing during manufacture and when servicing the cutter. Provide a safeguard when 180° indexing is to be verified.



## The N-Max chart

| Cutter diameter     | Recommended maximum RPM |
|---------------------|-------------------------|
| 3 - 25mm (1/8 - 1") | 18,000 - 24,000         |
| 25 - 50mm (1 - 2")  | 16,000 - 18,000         |
| 50 - 75mm (2 - 3")  | 12,000 - 16,000         |
| 75 - 100mm (3 - 4") | 8,000 - 12,000          |

## Machinery



Our continuing upgrading of machinery enables our technical engineers to operate with quicker response times whilst ensuring our products are developed and produced consistently to our highest specification.

## Symbols

BG-TEST  
145-001

This symbol shows the cutter has passed the Holz BG tests for profile/shaped cutters.

BG-TEST  
145-002

This symbol shows the cutter has passed the Holz BG tests for straight fluted panel cutters.



This symbol shows the cutter has the facility to 'ramp' into the chosen material.

n. max

This symbol shows the european equivalent to maximum RPM.



This symbol denotes that the cutter is **NOT** designed for use in portable routing machines.



This symbol denotes the cutter **WAS NOT** designed with a plunging facility.



This symbol denotes the cutter **WAS** designed with a plunging facility.



This symbol indicates which Torx Screwdriver is supplied.

**See 'mm - inch' conversion chart on inside back cover**

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### Titman Tip Tools Limited

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**Solid surface materials are sold under a number of brand names including:**

**Avonite**

by Avonite Inc.

**Corian®**

by DuPont, the first solid surface product on the market.

**Fountainhead**

by Nevamar.

**Gibraltar**

by Wilsonart International.

**Surell**

by Formica Corp.

**Karadon**

by Karadon Technologies.

**Staron**

by Samsung.

**Premium Solid Source**

by LG Hi-Macs

These solid surface materials are produced by companies with many years of experience.

All of them are internationally known for the products they manufacture.

Today, a growing number of small producers and fabricators are also offering solid surface materials.

**Titman cutters are suitable for all the above materials.**

**Titman product safety guidelines**

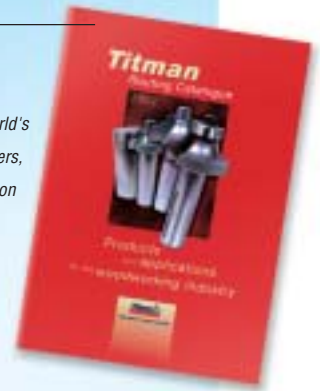
**Note the following safety points:**

- Ensure that collets are clean and not worn. Worn collets cause vibration which cause breakages.
- Do not use 2" cut length cutters for short cut depths, select shorter cut length.
- Allow machine to run up to rev setting before attempting the cut.
- Even feed rates are required to prevent undue breakages.
- Workpieces must be clamped firmly and safely.
- Always wear protective goggles.
- Ensure your machine has a good extraction for operator safety and improve cutter performance.
- Do not exceed the recommended RPM marked on the cutter shank.
- All cutters conform to the European Safety Standards.

**Other Titman Catalogues**

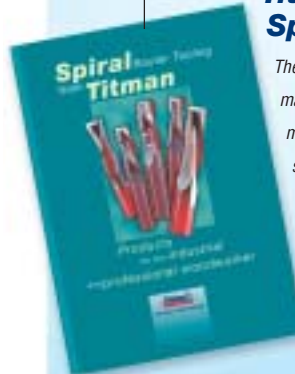
**Titman Main Catalogue**

The main UK Titman catalogue contains the entire Titman product range. The catalogue offers the world's largest range of tungsten carbide tipped router cutters, on imperial and metric shanks. There are sections on spindle moulder tooling, PCD router tooling, specialised cutters for Corian® materials, replacement tipped tooling, solid spiral tooling and a range of woodworking accessories.



**Titman Spiral Catalogue**

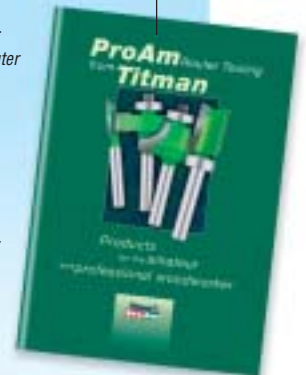
The Titman solid tungsten carbide tooling is manufactured on our world leading TX7 ANCA machines. The smaller AC range is ideally suited for routing acrylics, plastics and Perspex. The larger diameter SCM cutters cut a range of materials, including laminate, with roughing and finishing options.



**Titman Pro-Am Catalogue**

The Titman ProAm range of TCT router cutters for amateurs, as well as professional router cutter users. The ProAm range offers good quality TCT brazed router cutters, at affordable prices. Most of the popular shapes and sizes are contained within the range, as well as attractive box sets.

Titman offers German and French translated catalogues to aid our sales offices based in Germany and France. **The catalogues contain most of the Titman range but focus on offering metric dimensions.**

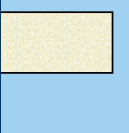
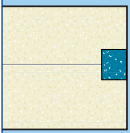
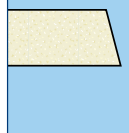
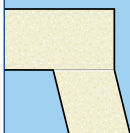
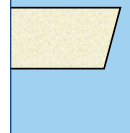
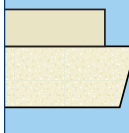

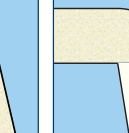
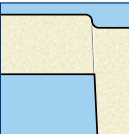
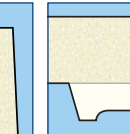
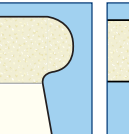
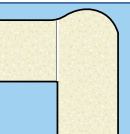
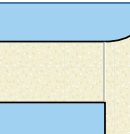
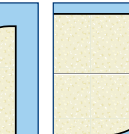
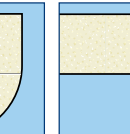
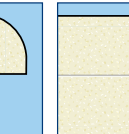
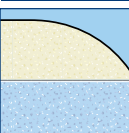
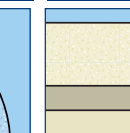
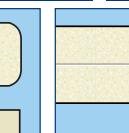
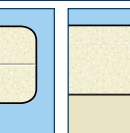
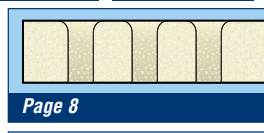
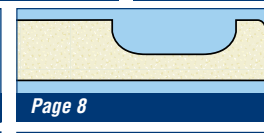
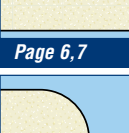
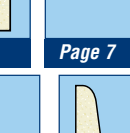
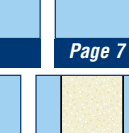




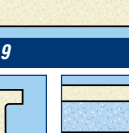

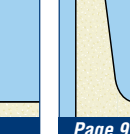
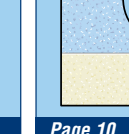
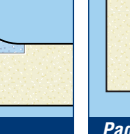
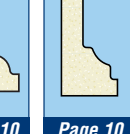

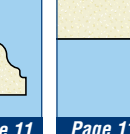

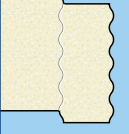
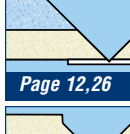
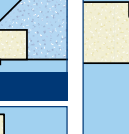
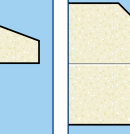
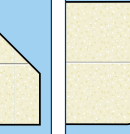
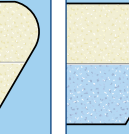
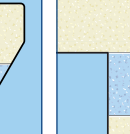
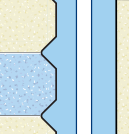
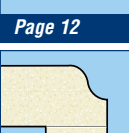
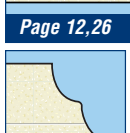

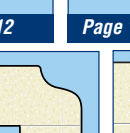
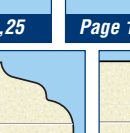
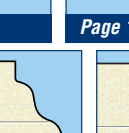
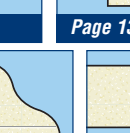

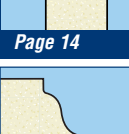
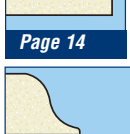
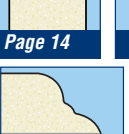
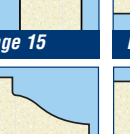
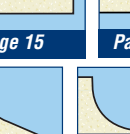
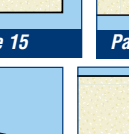
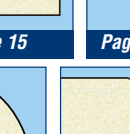
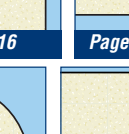
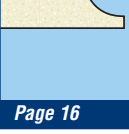

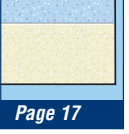
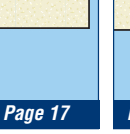

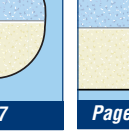




For more information, contact: [sales@titman.co.uk](mailto:sales@titman.co.uk)

**Conversion chart**

| mm   | inch  | mm   | inch  | mm    | inch  | mm    | inch  | mm    | inch  | mm    | inch  | mm    | inch  |
|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.40 | 1/64  | 4.76 | 3/16  | 8.33  | 21/64 | 12.00 |       | 15.88 | 5/8   | 19.45 | 49/64 | 23.02 | 29/32 |
| 0.79 | 1/32  | 5.00 |       | 8.73  | 11/32 | 12.30 | 31/64 | 16.00 |       | 19.84 | 25/32 | 23.42 | 59/64 |
| 1.00 |       | 5.16 | 13/64 | 9.00  |       | 12.70 | 1/2   | 16.27 | 41/64 | 20.00 |       | 23.81 | 15/16 |
| 1.19 | 3/64  | 5.56 | 7/32  | 9.13  | 23/64 | 13.00 |       | 16.67 | 21/32 | 20.24 | 51/64 | 24.00 |       |
| 1.59 | 1/16  | 5.95 | 15/64 | 9.53  | 3/8   | 13.10 | 33/64 | 17.00 |       | 20.64 | 13/16 | 24.21 | 61/64 |
| 1.98 | 5/64  | 6.00 |       | 9.92  | 25/64 | 13.49 | 17/32 | 17.07 | 43/64 | 21.00 |       | 24.61 | 31/32 |
| 2.00 |       | 6.35 | 1/4   | 10.00 |       | 13.89 | 35/64 | 17.46 | 11/16 | 21.03 | 53/64 | 25.00 | 63/64 |
| 2.78 | 7/64  | 6.75 | 17/64 | 10.32 | 13/32 | 14.00 |       | 17.86 | 45/64 | 21.43 | 27/32 | 25.40 | 1     |
| 3.00 |       | 7.00 |       | 10.72 | 27/64 | 14.29 | 9/16  | 18.00 |       | 21.83 | 55/64 | 28.58 | 11/8  |
| 3.18 | 1/8   | 7.14 | 9/32  | 11.00 |       | 14.68 | 37/64 | 18.26 | 23/32 | 22.00 |       | 31.75 | 11/4  |
| 3.57 | 9/64  | 7.54 | 19/64 | 11.11 | 7/16  | 15.00 |       | 18.65 | 47/64 | 22.23 | 7/8   | 38.10 | 11/2  |
| 4.00 | 5/32  | 7.94 | 5/16  | 11.51 | 29/64 | 15.08 | 18/32 | 19.00 |       | 22.62 | 57/64 | 44.45 | 13/4  |
| 4.37 | 11/64 | 8.00 |       | 11.91 | 15/32 | 15.48 | 39/64 | 19.05 | 3/4   | 23.00 |       | 50.80 | 2     |

# Index of shapes available

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# Cutters for Corian® and other solid surfaces materials

## OPTIONAL ACCESSORIES

All Titman Corian® cutters have a shoulder on the shank to accommodate a collar and top bearing.

| Order Ref. No      |                  |
|--------------------|------------------|
| PB12.7/6.35        | Ti-Tire® bearing |
| PB16/12.7          | Ti-Tire® bearing |
| PB19/6.35          | Ti-Tire® bearing |
| PB25/12.7          | Ti-Tire® bearing |
| PB30/12.7          | Ti-Tire® bearing |
| LC12.7             | Locating collar  |
| LS4                | Locating Screw   |
| Locating allen key | 2mm              |

Available standard accessories are listed in cutter price grids.

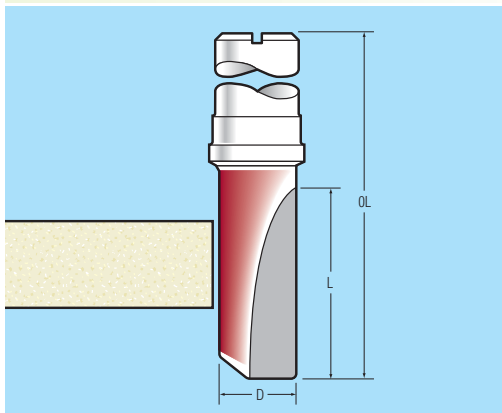
2

Soft Form Cutters

## TCT Single Flute

Nutfräser HW Z=1

Mèche à défoncer HW Z=1



XC001

n. max  
24,000



BG-TEST  
145-002

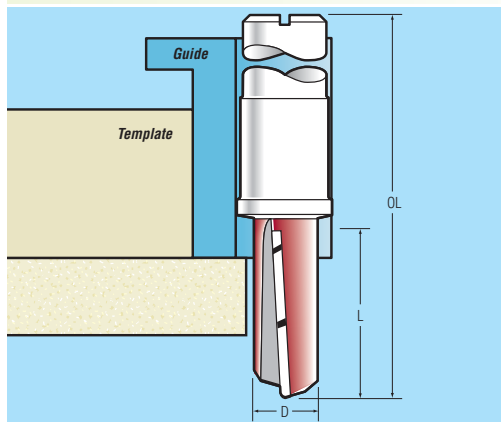
A high performance, single flute, cutter for extra clearance when cutting apertures & shaping work. The single flute gives a stronger backing support to the cutting edge. See page 22 for replacement tip alternative.

| Order Ref. No. | Dmm  | Lmm | OL mm | TCT Shank |      |
|----------------|------|-----|-------|-----------|------|
|                |      |     |       | 12mm      | 1/2" |
| XC001-8        | 8    | 19  | 88    | •         | •    |
| XC001-95       | 9.5  | 19  | 88    | •         | •    |
| XC001-10       | 10   | 19  | 88    | •         | •    |
| XC001-127      | 12.7 | 19  | 88    | •         | •    |

## TCT Two flute sheared cut

Nutfräser HW Z=2 negativer Achswinkel

Mèche à défoncer HW Z=2 Coupe négative



XC011

n. max  
24,000



BG-TEST  
145-002

Shear action downcut to reduce breakout for longer life and improved performance. Pushes waste material away from the operator.

| Order Ref. No. | Dmm  | Lmm | OL mm | TCT Shank |      |
|----------------|------|-----|-------|-----------|------|
|                |      |     |       | 12mm      | 1/2" |
| XC011-95       | 9.5  | 19  | 88    | •         | •    |
| XC011-10       | 10   | 19  | 88    | •         | •    |
| XC011-127      | 12.7 | 19  | 88    | •         | •    |
| XC016-95       | 9.5  | 41  | 105   | •         | •    |
| XC016-10       | 10   | 41  | 105   | •         | •    |
| XC016-127      | 12.7 | 41  | 105   | •         | •    |
| XC016-13       | 13   | 41  | 105   | •         | •    |

## Millimetres to Inches

See Conversion Chart on inside back cover for converting metric to imperial measurements

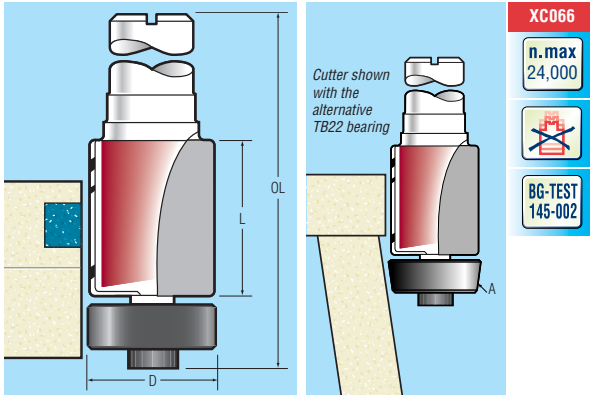


Telephone: +44 (0)1255 220123 Fax: +44 (0)1255 221422

Corian® is a DuPont registered trademark

## TCT Two flute inlay trimmer

Bündigfräser HW Z=2 mit Anlauflager stirnseitig  
Mèche à affleurer HW Z=2 avec guide à bille



XC066

n. max  
24,000



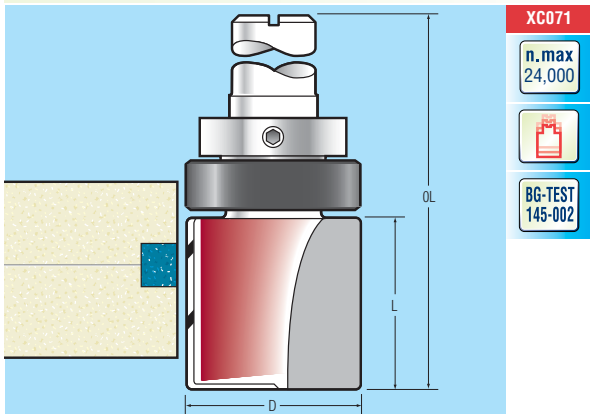
BG-TEST  
145-002

Mini trimmers give a super fine finish. Ideal for cutting into small recesses in wall cladding for electrical fittings and suitable for trimming inlay flush and other trimming operations. Use TB22 bearing for trimming overhanging counter tops, on undermount bowls. **See page 24 for replacement tip alternative.**

| Order Ref. No.        | Dmm                  | Lmm | OL mm | TCT Shank |      |
|-----------------------|----------------------|-----|-------|-----------|------|
|                       |                      |     |       | 12mm      | 1/2" |
| XC066-63              | 6.35                 | 19  | 96    | •         | •    |
| XC066-19              | 19                   | 25  | 96    | •         | •    |
| B63                   | Steel bearing        |     |       | •         | •    |
| PB19/6.35             | Ti-Tire® bearing     |     |       | •         | •    |
| TB22                  | 22 dia bearing A=11° |     |       | •         | •    |
| 4mm Steel washer      |                      |     |       |           |      |
| M4 x 6 Cap head screw |                      |     |       |           |      |

## TCT Two flute inlay trimmer

Bündigfräser HW Z=2 mit Anlauflager schaftseitig  
Mèche à affleurer HW Z=2 avec détalonnage



XC071

n. max  
24,000



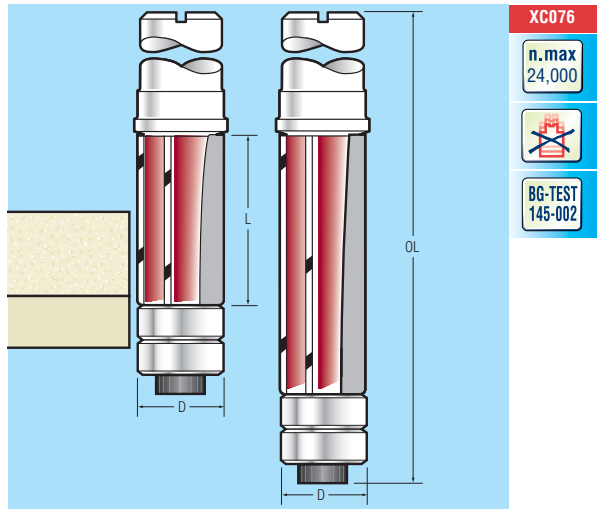
BG-TEST  
145-002

For trimming flush coloured insert strip. Suitable for most edge trimming operations. **See page 24 for replacement tip alternative.**

| Order Ref. No. | Dmm              | Lmm | OL mm | TCT Shank |      |
|----------------|------------------|-----|-------|-----------|------|
|                |                  |     |       | 12mm      | 1/2" |
| XC071          | 25               | 25  | 84    | •         | •    |
| PB25/12.7      | Ti-Tire® bearing |     |       | •         | •    |
| LC12.7         | Locating collar  |     |       | •         | •    |
| LS4            | Locating screw   |     |       | •         | •    |

## TCT Triple Flute Inlay Trimmer

Bündigfräser HW Z=3 mit Anlauflager stirnseitig  
Mèche à affleurer HW Z=3 avec guide à bille



XC076

n. max  
24,000



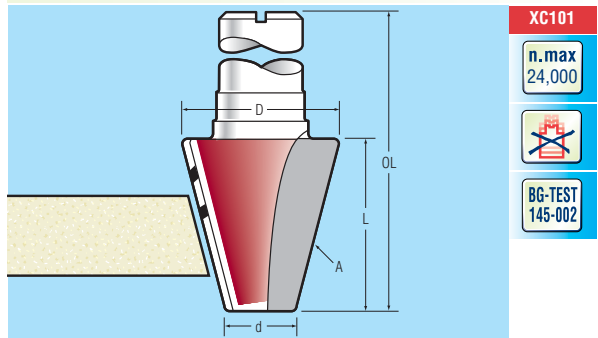
BG-TEST  
145-002

Self-guiding triple flute cutter for extra fine trimming. Suitable for most edge trimming operations.

| Order Ref. No.        | Dmm              | Lmm  | OL mm | TCT Shank |      |
|-----------------------|------------------|------|-------|-----------|------|
|                       |                  |      |       | 12mm      | 1/2" |
| XC076-127-19          | 12.7             | 19   | 96    | •         | •    |
| XC076-127-42          | 12.7             | 42   | 119   | •         | •    |
| XC076-19              | 19               | 45.5 | 116.5 | •         | •    |
| B127/6.35             | Steel bearing    |      |       | •         | •    |
| PB25/12.7             | Ti-Tire® bearing |      |       | •         | •    |
| 4mm Steel washer      |                  |      |       |           |      |
| M4 x 6 Cap head screw |                  |      |       |           |      |

## TCT Two Flute Bowl Aperture Trimmer

Fasefräser HW Z=2 für Beckeneinlassungen  
Mèche à chanfreiner HW Z=2



XC101

n. max  
24,000



BG-TEST  
145-002

Use with 30mm guide bush or bearing on shank for opening out tops for sinks and bowls. Also for most bevel operations.

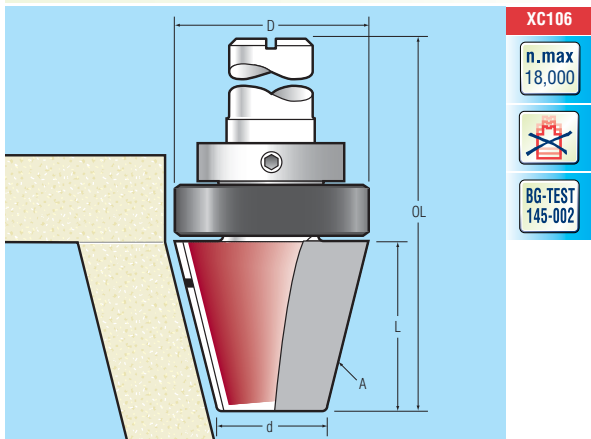
| Order Ref. No. | Dmm | d    | Lmm | A   | OL mm | TCT Shank |      |
|----------------|-----|------|-----|-----|-------|-----------|------|
|                |     |      |     |     |       | 12mm      | 1/2" |
| XC101          | 23  | 10.2 | 25  | 75° | 84    | •         | •    |

3

Soft Form Cutters

### TCT Two Flute Bevel Matching

Fasefräser HW Z=2 mit Anlauflager schaftseitig  
Mèche à chanfreiner HW Z=2 avec guide à bille



**XC106**

n.max  
18,000

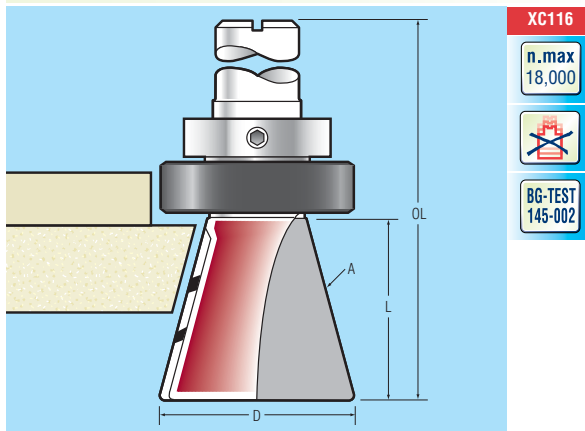
BG-TEST  
145-002

Fitted with self-guided bearing (shank mounted). For edging counter tops, bevel joints and sink profiles.  
Ideal for use with Corian® bowls nos: 809, 810, 819, 820, 871E, 872E.

| Order Ref. No. | Dmm              | d    | Lmm | A   | OL mm | TCT Shank |      |
|----------------|------------------|------|-----|-----|-------|-----------|------|
|                |                  |      |     |     |       | 12mm      | 1/2" |
| XC106          | 28               | 12.3 | 25  | 75° | 84    | •         | •    |
| PB28/12.7      | Ti-Tire® bearing |      |     |     |       | •         | •    |
| LC12.7         | Locating collar  |      |     |     |       | •         | •    |
| LS4            | Locating screw   |      |     |     |       | •         | •    |

### TCT Two Flute Undercut Bevel

Fasefräser Unterschnitt HW Z=2 mit Anlauflager  
Mèche à chanfreiner HW Z=2 avec guide à bille



**XC116**

n.max  
18,000

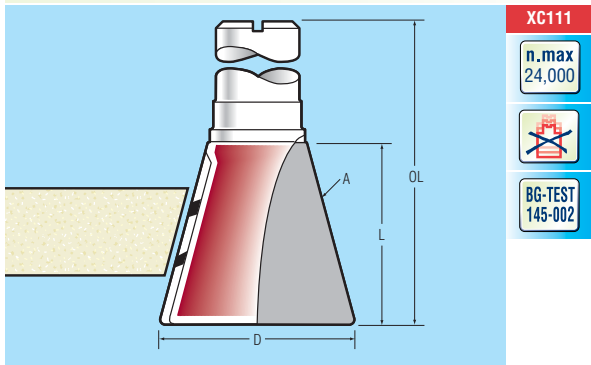
BG-TEST  
145-002

XC116 is fitted with self-guided bearing (shank mounted) ideal for undercut on sheets.  
Ideal for use with Corian® bowls nos: 809, 810, 819, 820, 871E, 872E.

| Order Ref. No. | Dmm              | Lmm | A    | OL mm | TCT Shank |      |   |
|----------------|------------------|-----|------|-------|-----------|------|---|
|                |                  |     |      |       | 12mm      | 1/2" |   |
| XC116          | 27.09            | 25  | 105° | 84    | •         | •    |   |
| PB28/12.7      | Ti-Tire® bearing |     |      |       |           | •    | • |
| LC12.7         | Locating collar  |     |      |       |           | •    | • |
| LS4            | Locating screw   |     |      |       |           | •    | • |

### TCT Two Flute Reverse Bevel

Fasefräser HW Z=2 mit Unterschnitt  
Mèche queue d'aronde HW Z=2 avec détalonnage



**XC111**

n.max  
24,000

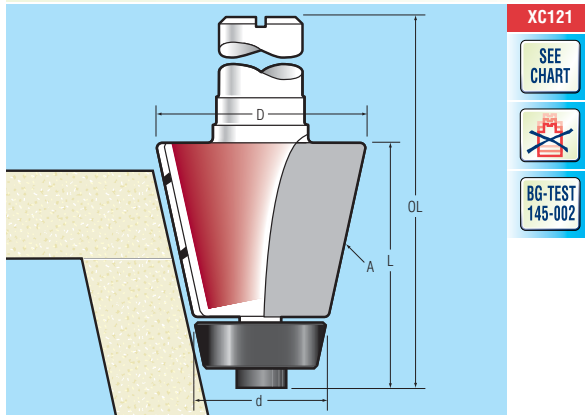
BG-TEST  
145-002

For bevelling inside bowl tops and similar applications. Avoids need to turn workpiece.

| Order Ref. No. | Dmm   | Lmm | A    | OL mm | TCT Shank |      |
|----------------|-------|-----|------|-------|-----------|------|
|                |       |     |      |       | 12mm      | 1/2" |
| XC111          | 25.09 | 25  | 105° | 84    | •         | •    |

### TCT Two Flute Overlay Trimmer

Fasefräser HW Z=2 mit konischem Anlauflager  
Mèche à affleurer HW Z=2 conique avec guide à bille



**XC121**

SEE CHART

BG-TEST  
145-002

For edging sinks and vanity bowls. The special taper on the bearing sleeve allows for perfect guide following around the inside of the bowl.  
Ideal for use with Corian® bowls nos: 802, 809, 871, 810, 854.

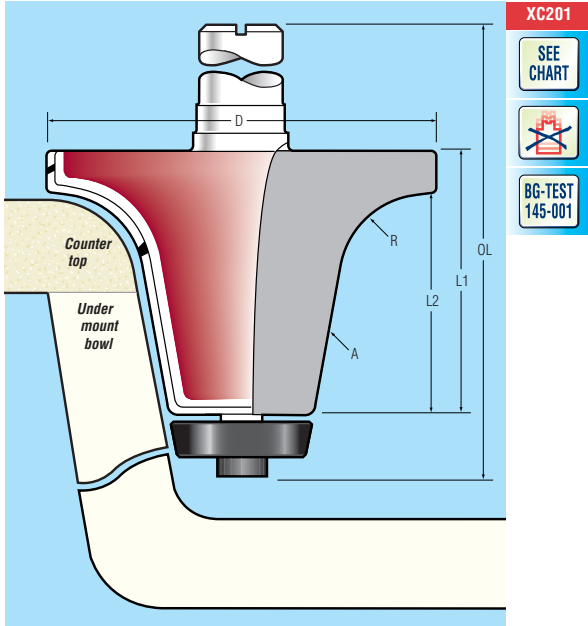
| Order Ref. No.      | Dmm                    | dmm | Lmm | A   | OL mm | TCT Shank |      |
|---------------------|------------------------|-----|-----|-----|-------|-----------|------|
|                     |                        |     |     |     |       | 12mm      | 1/2" |
| XC121-11            | 31.7                   | 22  | 25  | 79° | 96    | •         | •    |
| XC121-6             | 25.26                  | 20  | 25  | 84° | 96    | •         | •    |
| TB22-11/6.35        | Taper Ti-Tire® bearing |     |     |     |       | •         | •    |
| TB20-6/6.35         | Taper Ti-Tire® bearing |     |     |     |       | •         | •    |
| 4mm Steel washer    |                        |     |     |     |       | •         | •    |
| M4x6 Cap head screw |                        |     |     |     |       | •         | •    |



## TCT Two Flute Overlay Trimmer

Abrund-/Fasefräser HW Z=2 für Unterbaubecken

Mèche à arrondir HW Z=2 avec guide à bille



XC201

SEE CHART

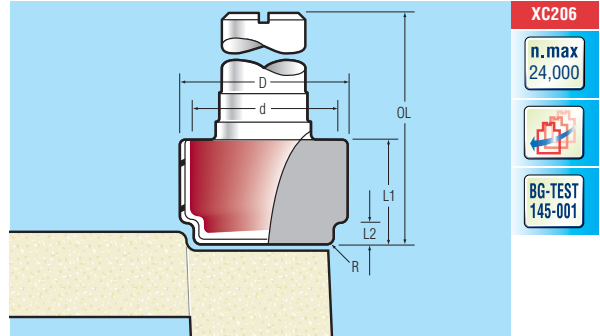


BG-TEST 145-001

## TCT Two Flute Step Down

Stufenfräser HW Z=2 für Schattenfuge

Mèche à surfer HW Z=2



XC206

n. max 24.000



BG-TEST 145-001

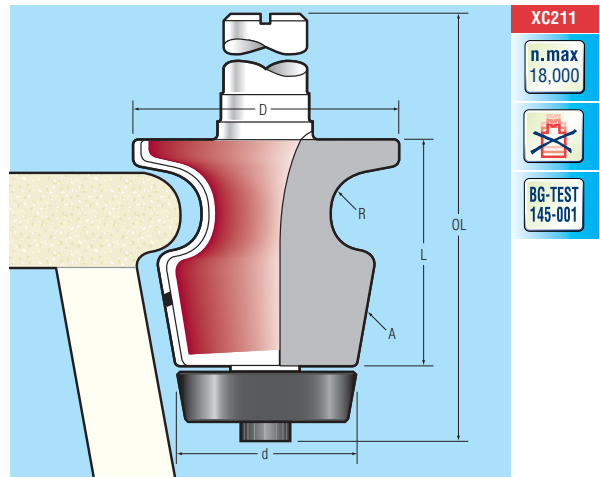
For creating a 'step down' shadow line between bowl and sheet.

| Order Ref. No. | Dmm | dmm   | L1mm | L2mm | Rmm | OL mm | TCT Shank |      |
|----------------|-----|-------|------|------|-----|-------|-----------|------|
|                |     |       |      |      |     |       | 12mm      | 1/2" |
| XC206          | 24  | 15.87 | 15   | 3    | 2   | 74    | •         | •    |

## TCT Two Flute Undermount Profile Bowl Cutter

Profilfräser HW Z=2 für Unterbaubecken

Mèche à profiler HW Z=2 avec guide à bille



XC211

n. max 18.000



BG-TEST 145-001

Produces masked bowl profile on undermounted bowls.

| Order Ref. No. | Dmm                      | dmm | Lmm | Rmm | A   | OL mm | TCT Shank |      |   |
|----------------|--------------------------|-----|-----|-----|-----|-------|-----------|------|---|
|                |                          |     |     |     |     |       | 12mm      | 1/2" |   |
| XC211          | 42                       | 22  | 33  | 6   | 80° | 104   | •         | •    |   |
| TB22-6/6.35    | Ti-Tire® tapered bearing |     |     |     |     |       |           | •    | • |
| TB22-9/6.35    | Taper Ti-Tire® bearing   |     |     |     |     |       |           | •    | • |
| TB22-12/6.35   | 4mm Steel washer         |     |     |     |     |       |           | •    | • |
| TB22-15/6.35   | M4x6 Cap head screw      |     |     |     |     |       |           | •    | • |
| TB22-18/6.35   |                          |     |     |     |     |       |           | •    | • |



### Bearing Options

See Optional Accessories for top bearing options - page 2

A range of cutters for most popular bowl angles and cut lengths, including Corian® bowls nos: 802, 809, 810, 871.

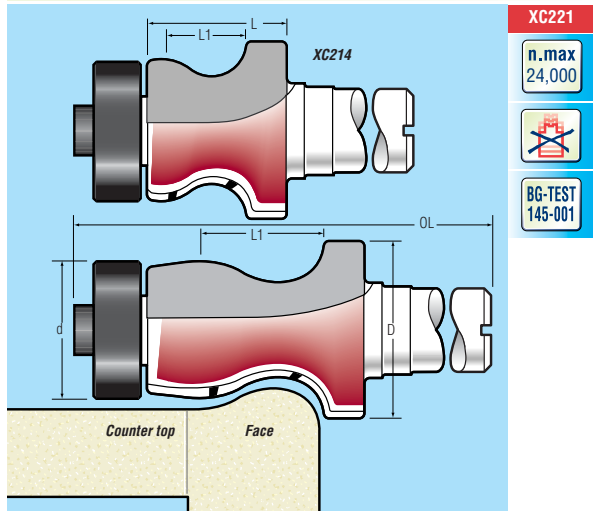
| Order Ref. No.      | Dmm                      | L1mm | L2mm  | Rmm  | A   | OL mm | TCT Shank |      |   |
|---------------------|--------------------------|------|-------|------|-----|-------|-----------|------|---|
|                     |                          |      |       |      |     |       | 12mm      | 1/2" |   |
| XC201-635-18-25     | 53.47                    | 31   | 25.25 | 6.35 | 72° | 102   | •         | •    |   |
| XC201-635-15-25     | 51.14                    | 31   | 25.25 | 6.35 | 75° | 102   | •         | •    |   |
| XC201-635-12-25     | 48.91                    | 31   | 25.25 | 6.35 | 78° | 102   | •         | •    |   |
| XC201-635-9-25      | 46.77                    | 31   | 25.25 | 6.35 | 81° | 102   | •         | •    |   |
| XC201-635-6-25      | 44.69                    | 31   | 25.25 | 6.35 | 84° | 102   | •         | •    |   |
| XC201-635-18-38     | 61.92                    | 44   | 38.25 | 6.35 | 72° | 115   | •         | •    |   |
| XC201-6.35-15-38    | 58.11                    | 44   | 38.25 | 6.35 | 75° | 115   | •         | •    |   |
| XC201-6.35-12-38    | 54.44                    | 44   | 38.25 | 6.35 | 78° | 115   | •         | •    |   |
| XC201-6.35-9-38     | 50.88                    | 44   | 38.25 | 6.35 | 81° | 115   | •         | •    |   |
| XC201-6.35-6-38     | 47.42                    | 44   | 38.25 | 6.35 | 84° | 115   | •         | •    |   |
| XC201-12.7-18-25    | 62.70                    | 31   | 25.3  | 12.7 | 72° | 102   | •         | •    |   |
| XC201-12.7-15-25    | 60.89                    | 31   | 25.3  | 12.7 | 75° | 102   | •         | •    |   |
| XC201-12.7-12-25    | 59.20                    | 31   | 25.3  | 12.7 | 78° | 102   | •         | •    |   |
| XC201-12.7-9-25     | 57.61                    | 31   | 25.3  | 12.7 | 81° | 102   | •         | •    |   |
| XC201-12.7-6-25     | 56.13                    | 31   | 25.3  | 12.7 | 84° | 102   | •         | •    |   |
| XC201-12.7-18-38    | 71.15                    | 44   | 38.3  | 12.7 | 72° | 115   | •         | •    |   |
| XC201-12.7-15-38    | 67.85                    | 44   | 38.3  | 12.7 | 72° | 115   | •         | •    |   |
| XC201-12.7-12-38    | 64.72                    | 44   | 38.3  | 12.7 | 78° | 115   | •         | •    |   |
| XC201-12.7-9-38     | 61.73                    | 44   | 38.3  | 12.7 | 81° | 115   | •         | •    |   |
| XC201-12.7-6-38     | 58.86                    | 44   | 38.3  | 12.7 | 84° | 115   | •         | •    |   |
| TB22-6/6.35         | Ti-Tire® tapered bearing |      |       |      |     |       |           | •    | • |
| TB22-9/6.35         | Ti-Tire® tapered bearing |      |       |      |     |       |           | •    | • |
| TB22-12/6.35        | Ti-Tire® tapered bearing |      |       |      |     |       |           | •    | • |
| TB22-15/6.35        | Ti-Tire® tapered bearing |      |       |      |     |       |           | •    | • |
| TB22-18/6.35        | Ti-Tire® tapered bearing |      |       |      |     |       |           | •    | • |
| 4mm Steel washer    |                          |      |       |      |     |       |           | •    | • |
| M4x6 Cap head screw |                          |      |       |      |     |       |           | •    | • |



## TCT Two Flute Non-Drip Edge

Schwallrandprofilfräser HW Z=2 für gerade Fronten

Mèche à profiler HW Z=2 avec guide à bille



XC221

n.max  
24,000



BG-TEST  
145-001

Helps to reduce the effect of overlay joint line, sometimes called waterfall effect giving a non-drip edge to a work top.

The XC214 has a shorter cut length, ideal for use on 12.5mm thick material.

XC216 is fitted with self guided bearing for use with 15mm thick material.

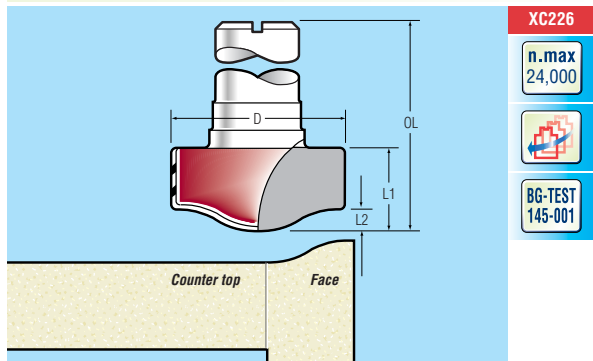
XC221 is for use on 19mm (3/4") thick material.

| Order Ref. No.        | Dmm              | dmm | Lmm | L1mm | OLmm | TCT Shank |      |
|-----------------------|------------------|-----|-----|------|------|-----------|------|
|                       |                  |     |     |      |      | 12mm      | 1/2" |
| XC214 <b>NEW</b>      | 25.4             | 20  | 20  | 12   | 90   | •         | •    |
| XC216                 | 25.4             | 20  | 23  | 15   | 94   | •         | •    |
| XC221                 | 25.4             | 20  | 33  | 18   | 104  | •         | •    |
| PB20/6.35             | Ti-Tire® bearing |     |     |      |      | •         | •    |
| 4mm Steel Washer      |                  |     |     |      |      | •         | •    |
| M4 x 6 Cap head screw |                  |     |     |      |      | •         | •    |

## TCT Two Flute Non Drip

Schwallrandprofilfräser HW Z=2 für geschwungene Fronten

Mèche à profiler HW Z=2



XC226

n.max  
24,000



BG-TEST  
145-001

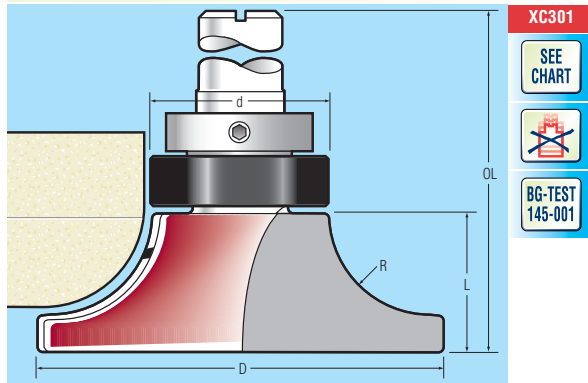
Using this cutter a 'waterfall' effect may be produced on the worktop. Can be used to put against wall for splashback.

| Order Ref. No. | Dmm | L1mm | L2mm | OL mm | TCT Shank |      |
|----------------|-----|------|------|-------|-----------|------|
|                |     |      |      |       | 12mm      | 1/2" |
| XC226          | 25  | 12   | 3    | 71    | •         | •    |

## TCT Two Flute Rounding Over

Abrundfräser HW Z=2 Unterschnitt mit Anlauflager

Mèche à arrondir HW Z=2 avec guide à bille



XC301

SEE CHART



BG-TEST  
145-001

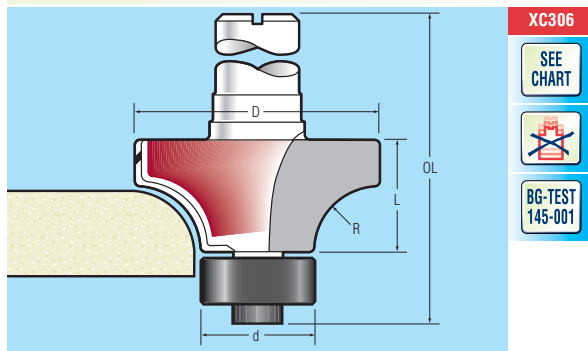
Fitted with a shank mounted bearing. First cut with XC301, second cut using matching XC321. Eliminates flat on edge.

| Order Ref. No. | Dmm              | dmm | Lmm | Rmm  | OL mm | Max Material thickness | TCT Shank |      |
|----------------|------------------|-----|-----|------|-------|------------------------|-----------|------|
|                |                  |     |     |      |       |                        | 12mm      | 1/2" |
| XC301-635      | 44.7             | 28  | 13  | 6.35 | 72    | 12.7 / 1/2"            | •         | •    |
| XC301-127      | 57.4             | 28  | 20  | 12.7 | 79    | 25.4 / 1"              | •         | •    |
| XC301-19       | 70               | 28  | 25  | 19   | 84    | 38 / 1 1/2"            | •         | •    |
| PB28/12.7      | Ti-Tire® bearing |     |     |      |       | •                      | •         |      |
| LC12.7         | Locating collar  |     |     |      |       | •                      | •         |      |
| LS4            | Locating screw   |     |     |      |       | •                      | •         |      |

## TCT Two Flute Radius

Abrundfräser HW Z=2 mit geradem Anlauflager

Mèche à arrondir HW Z=2 avec guide à bille



XC306

SEE CHART



BG-TEST  
145-001

Fitted with self-guided bearing.

For rounding over see cutters XC301 and XC321 for complete rounding over.

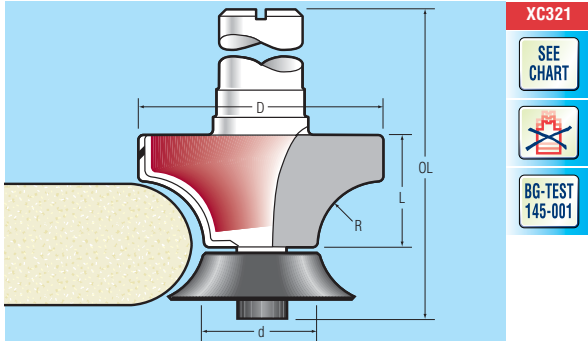
| Order Ref. No.        | Dmm              | dmm | Lmm  | Rmm  | OL mm | TCT Shank |      |
|-----------------------|------------------|-----|------|------|-------|-----------|------|
|                       |                  |     |      |      |       | 12mm      | 1/2" |
| XC306-3               | 22               | 16  | 9    | 3    | 80    | •         | •    |
| XC306-5               | 26               | 16  | 11   | 5    | 82    | •         | •    |
| XC306-635             | 28.7             | 16  | 13   | 6.35 | 84    | •         | •    |
| XC306-8               | 32               | 16  | 14   | 8    | 85    | •         | •    |
| XC306-127             | 41.4             | 16  | 18.7 | 12.7 | 89.7  | •         | •    |
| XC306-19              | 54               | 16  | 25   | 19   | 96    | •         | •    |
| XC306-254             | 66.8             | 16  | 31.4 | 25.4 | 102.4 | •         | •    |
| PB16/6.35             | Ti-Tire® bearing |     |      |      |       | •         | •    |
| 4mm Steel washer      |                  |     |      |      |       | •         | •    |
| M4 x 6 Cap head screw |                  |     |      |      |       | •         | •    |



## TCT Two Flute Radius

Abrundfräser HW Z=2 mit Radius-Anlauflager

Mèche à arrondir HW Z=2 avec guide à bille arrondi



XC321

SEE CHART

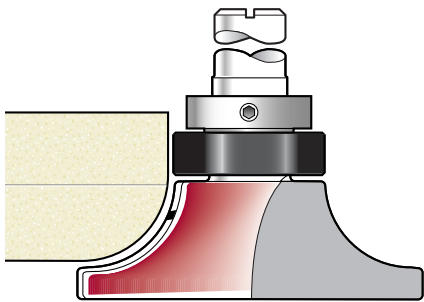


BG-TEST 145-001

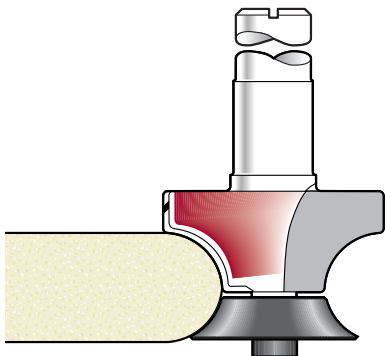
Rounding over effect or full bullnose for three and four sheet thickness. First cut with XC301, finishing using matching XC321. Eliminates flat on edge.

| Order Ref. No.        | Dmm                       | dmm | Lmm  | Rmm  | OL mm | TCT Shank |      |
|-----------------------|---------------------------|-----|------|------|-------|-----------|------|
|                       |                           |     |      |      |       | 12mm      | 1/2" |
| XC321-127             | 41.4                      | 16  | 18.7 | 12.7 | 89.7  | •         | •    |
| XC321-19              | 54                        | 16  | 25   | 19   | 96    | •         | •    |
| XC321-254             | 66.8                      | 16  | 31.4 | 25.4 | 102.4 | •         | •    |
| PBR127/6.35           | Radiused Ti-Tire® bearing |     |      |      |       | •         | •    |
| PBR19/6.35            | Radiused Ti-Tire® bearing |     |      |      |       | •         | •    |
| PBR254/6.35           | Radiused Ti-Tire® bearing |     |      |      |       | •         | •    |
| 4mm Steel washer      |                           |     |      |      |       | •         | •    |
| M4 x 6 Cap head screw |                           |     |      |      |       | •         | •    |

**Using the Radius Bearing to create complete rounding over procedure**



First Cut

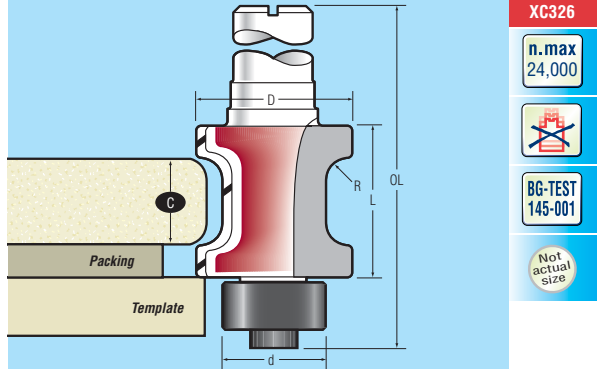


Second Cut

## TCT Two Flute Double Radius

Doppelradiusfräser HW Z=2 mit Anlauflager stirnseitig

Mèche à arrondir double rayon HW Z=2 avec guide à bille



XC326

n. max 24.000



BG-TEST 145-001

Not actual size

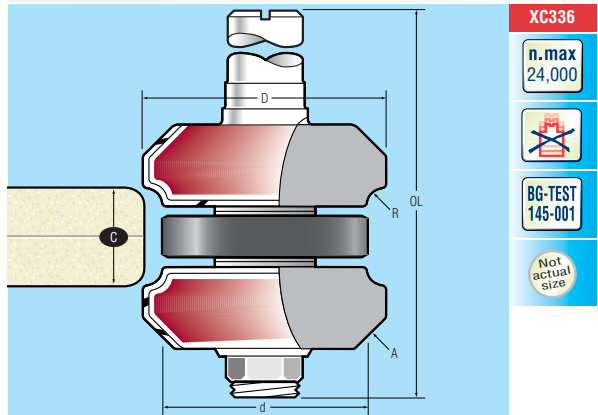
Use with 1/2" thick material produces double radius in one pass.

| Order Ref. No.        | Dmm              | dmm  | Lmm | Cmm     | Rmm | OL mm | TCT Shank |      |
|-----------------------|------------------|------|-----|---------|-----|-------|-----------|------|
|                       |                  |      |     |         |     |       | 12mm      | 1/2" |
| XC326-1.5             | 20.7             | 12.7 | 23  | 12.1-13 | 1.5 | 94    | •         | •    |
| XC326-3               | 20.7             | 12.7 | 23  | 12.1-13 | 3   | 94    | •         | •    |
| PB127/6.35            | Ti-Tire® bearing |      |     |         |     | •     | •         |      |
| 4mm Steel washer      |                  |      |     |         |     | •     | •         |      |
| M4 x 6 Cap head screw |                  |      |     |         |     | •     | •         |      |

## TCT Two Flute Adjustable Double Radius

Doppelabrundfräser HW Z=2+2 verstellbar

Mèche à profiler combinée HW Z=2+2



XC336

n. max 24.000



BG-TEST 145-001

Not actual size

For fine work to produce double radius in one pass, adjustable should material thicknesses vary. XC331 range come with steel bearing and plastic shims.

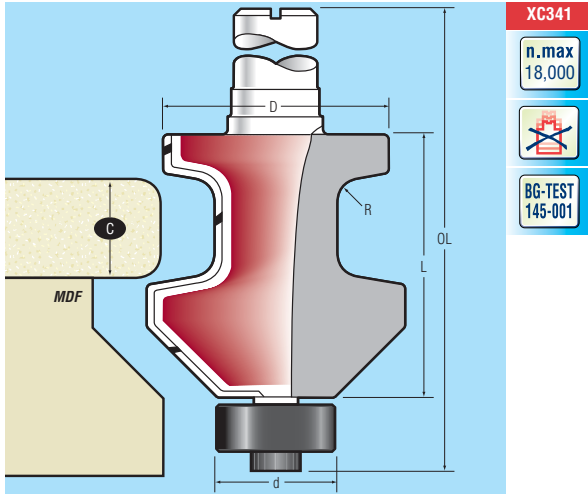
XC336 range come with plastic bearing and shims.

| Order Ref. No. | Dmm              | dmm  | Cmm     | Rmm | A   | OL mm | TCT Shank |      |
|----------------|------------------|------|---------|-----|-----|-------|-----------|------|
|                |                  |      |         |     |     |       | 12mm      | 1/2" |
| XC331-1.5      | 17.7             | 12.7 | 12.1-13 | 1.5 | 45° | 101   | •         | •    |
| XC331-3        | 20.7             | 12.7 | 12.1-13 | 3   | 45° | 101   | •         | •    |
| XC331-5        | 28               | 16   | 12.1-13 | 5   | 45° | 101   | •         | •    |
| XC336-3L       | 37               | 28   | 18-42   | 3   | 45° | 105   | •         | •    |
| XC336-5L       | 38               | 28   | 18-42   | 5   | 45° | 110   | •         | •    |
| B127/6.35      | Steel bearing    |      |         |     |     | •     | •         |      |
| PB28/9.5       | Ti-Tire® Bearing |      |         |     |     | •     | •         |      |
| B16/6.35       | Steel bearing    |      |         |     |     | •     | •         |      |
| Shims          |                  |      |         |     |     | •     | •         |      |
| Nut            |                  |      |         |     |     | •     | •         |      |

### TCT Two Flute Hob Cutter with bearing

Kochmuldenausschnittfräser HW Z=2

Mèche de découpe de plaque de cuisson HW Z=2+2



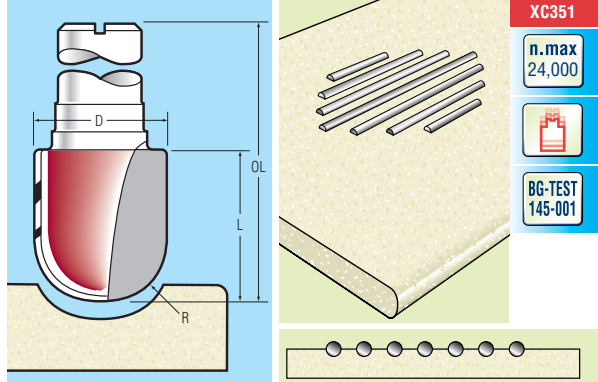
Used to produce, in one pass, the aperture in which the hob unit sits.

| Order Ref. No.             | Dmm | dmm | Cmm     | Rmm | OL mm | TCT Shank |      |
|----------------------------|-----|-----|---------|-----|-------|-----------|------|
|                            |     |     |         |     |       | 12mm      | 1/2" |
| XC341                      | 35  | 16  | 12.1-13 | 3   | 107   | •         | •    |
| PB16/6.35 Ti-Tire® bearing |     |     |         |     |       |           |      |
| 4mm Steel washer           |     |     |         |     |       |           |      |
| M4 x 6 Cap head screw      |     |     |         |     |       |           |      |

### TCT Two Flute Box Cove

Hohlkehlfräser HW Z=2

Mèche à gorge HW Z=2+2



A further extension of the guttering cutter range with deeper cut for shallow fingerpull applications. Can also be used for cove cut on worktop upstands.

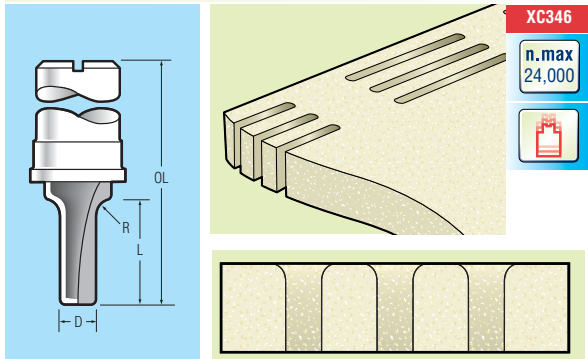
For use with a template and guide bush for draining board grooves. Is suitable for producing grooves to take insulation rods.

| Order Ref. No. | Dmm | Lmm  | Rmm | OL mm | TCT Shank |      |
|----------------|-----|------|-----|-------|-----------|------|
|                |     |      |     |       | 12mm      | 1/2" |
| XC351-4        | 8   | 20   | 4   | 79    | •         | •    |
| XC351-5        | 10  | 22.5 | 5   | 81.5  | •         | •    |
| XC351-6        | 12  | 25   | 6   | 84    | •         | •    |
| XC351-95       | 19  | 23.7 | 9.5 | 82.75 | •         | •    |
| XC351-11       | 22  | 27.5 | 11  | 86.5  | •         | •    |

### TCT Two Flute Ventilation Slot

Lüftungsschlitzfräser VHW Z=2

Mèche profil HW Z=2 pour écoulement d'eau



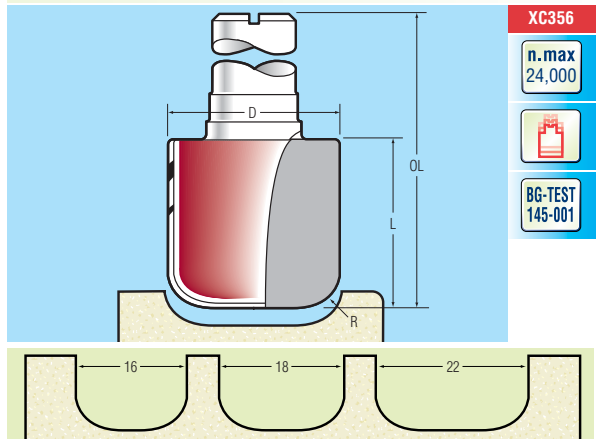
Slots and produces a radius on the upper edge in one pass.

| Order Ref. No. | Dmm | Lmm | Rmm | OL mm | TCT Shank |      |
|----------------|-----|-----|-----|-------|-----------|------|
|                |     |     |     |       | 12mm      | 1/2" |
| XC346-5        | 5   | 15  | 1.5 | 85    | •         | •    |
| XC346-8        | 8   | 15  | 3   | 85    | •         | •    |

### TCT Two Flute Drain Board heavy duty

Wasserablauffräser HW Z=2

Mèche à gorge HW Z=2 à angle arrondi



Primarily used to produce drain board channels. For window sections, designed to help displace water and moisture off window and door frames. Can also be used as soap dish cutter. For use with template and guide bush.

| Order Ref. No. | Dmm | Lmm | Rmm | OL mm | TCT Shank |      |
|----------------|-----|-----|-----|-------|-----------|------|
|                |     |     |     |       | 12mm      | 1/2" |
| XC356-16       | 16  | 25  | 5   | 84    | •         | •    |
| XC356-18       | 18  | 25  | 5   | 84    | •         | •    |
| XC356-22       | 22  | 25  | 5   | 84    | •         | •    |
| XC356-25       | 25  | 25  | 5   | 84    | •         | •    |

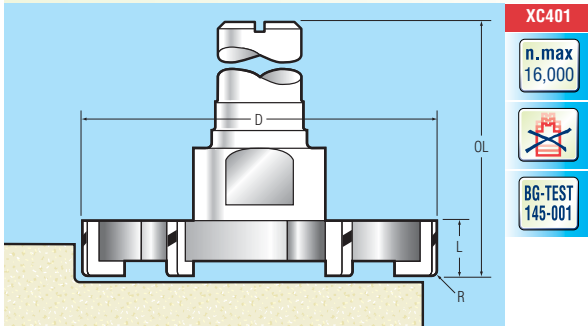
**Bearing Options**  
See Optional Accessories for top bearing options - page 2



## TCT Six Flute Rebate

Planfräser HW Z=6

Mèche à surfer HW Z=6



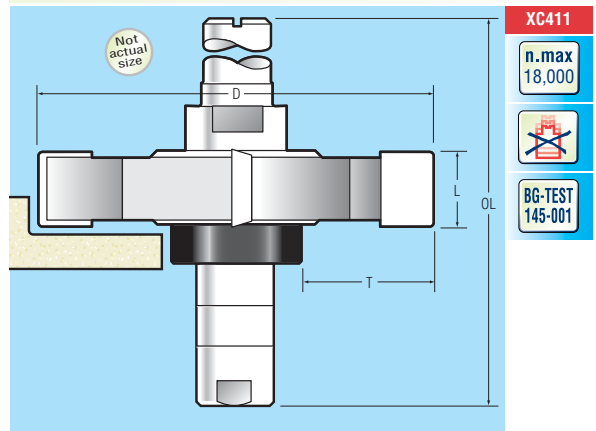
For trimming bowls, trepanning and face milling. Ideal for removing flashing and large surface areas of raised draining board channels.

| Order Ref. No. | Dmm | Lmm | Rmm | OL mm | TCT Shank |      |
|----------------|-----|-----|-----|-------|-----------|------|
|                |     |     |     |       | 12mm      | 1/2" |
| XC401-1.5      | 52  | 7.3 | 1.5 | 74.5  | •         | •    |
| XC401-3        | 52  | 7.5 | 3   | 74.5  | •         | •    |
| XC401-5        | 52  | 7.5 | 5   | 74.5  | •         | •    |

## TCT Four Flute cutter

Falzfräser HW Z=4

Mèche à feuillurer HW Z=4



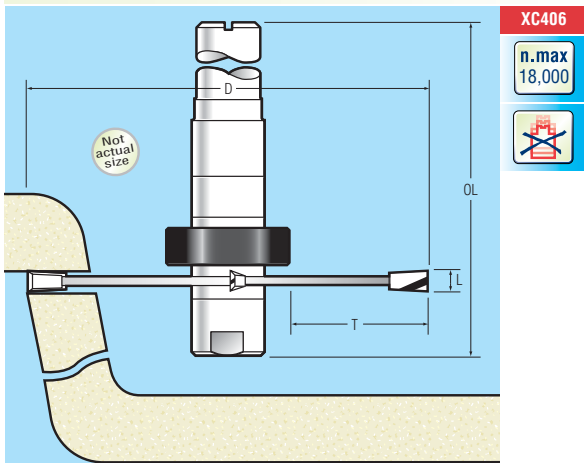
For grooving and heavy rebate work.

| Order Ref. No. | Dmm  | Lmm | Tmm  | OL mm | TCT Shank |      |
|----------------|------|-----|------|-------|-----------|------|
|                |      |     |      |       | 12mm      | 1/2" |
| XC411          | 76.2 | 13  | 25.4 | 84    | •         | •    |

## TCT Four Flute Sink Repair

Beckenaustrennfräser HW Z=4

Mèche à découper HW Z=4



Has many cutting and grooving uses in decorative and repair work. Particularly suitable for bowl replacement.

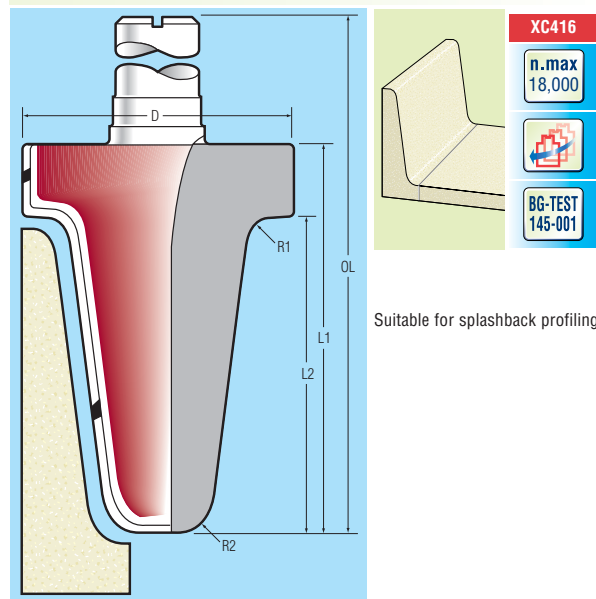
Pic to left shows method of removing bowl from worktop.

| Order Ref. No. | Dmm | Lmm | Tmm | OL mm | TCT Shank |      |
|----------------|-----|-----|-----|-------|-----------|------|
|                |     |     |     |       | 12mm      | 1/2" |
| XC406-30       | 75  | 6   | 25  | 84    | •         | •    |

## TCT Two Flute Splashback

Wandabschlußleistenfräser HW Z=2

Mèche pour plinthe murale HW Z=2

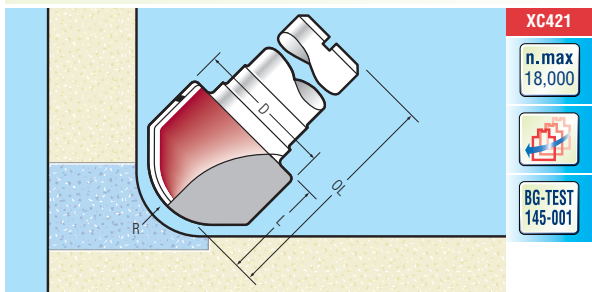


Suitable for splashback profiling.

| Order Ref. No. | Dmm | L1mm | L2mm | R1mm | R2mm | OL mm | TCT Shank |      |
|----------------|-----|------|------|------|------|-------|-----------|------|
|                |     |      |      |      |      |       | 12mm      | 1/2" |
| XC416-30       | 39  | 40   | 30   | 3    | 6    | 95    | •         | •    |
| XC416-45       | 39  | 55   | 45   | 3    | 6    | 114   | •         | •    |

### TCT Two Flute Coving

Hohlkehlfräser für Wandabschlußbleisten HW Z=2  
Mèche à gorge pour plinthe murale HW Z=2



XC421

n. max  
18,000



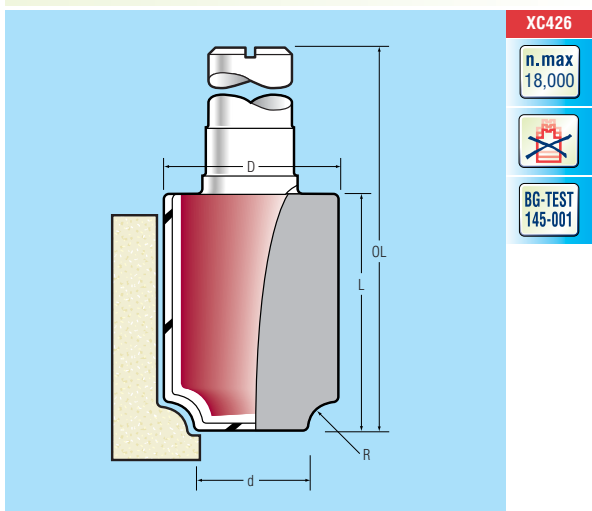
BG-TEST  
145-001

90° joint fabrication radius cutter, suitable for splashback and other 90° joints.

| Order Ref. No. | Dmm | Lmm | Rmm | OL mm | TCT Shank<br>12mm 1/2" |
|----------------|-----|-----|-----|-------|------------------------|
| XC421          | 20  | 16  | 10  | 71    | • •                    |

### TCT Two Flute Ovolo Effect Upstand

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC426

n. max  
18,000



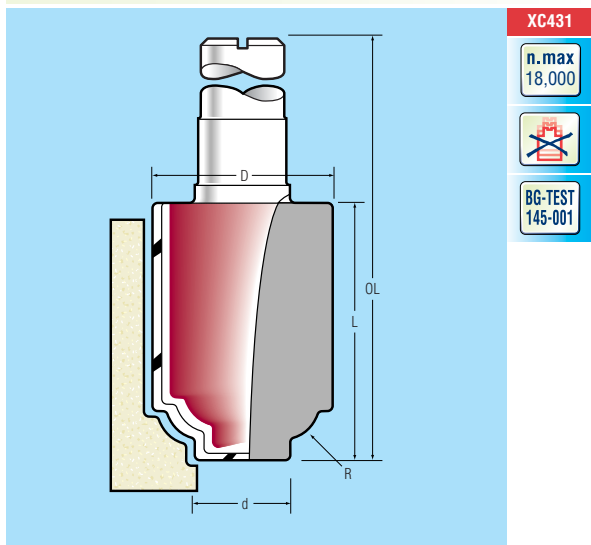
BG-TEST  
145-001

Joint profiling for many types of fabrication giving a decorative effect.

| Order Ref. No. | Dmm | dmm  | Lmm | Rmm | OL mm | TCT Shank<br>12mm 1/2" |
|----------------|-----|------|-----|-----|-------|------------------------|
| XC426          | 26  | 18.3 | 35  | 4   | 94    | • •                    |

### TCT Two Flute Cove Effect Upstand

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC431

n. max  
18,000



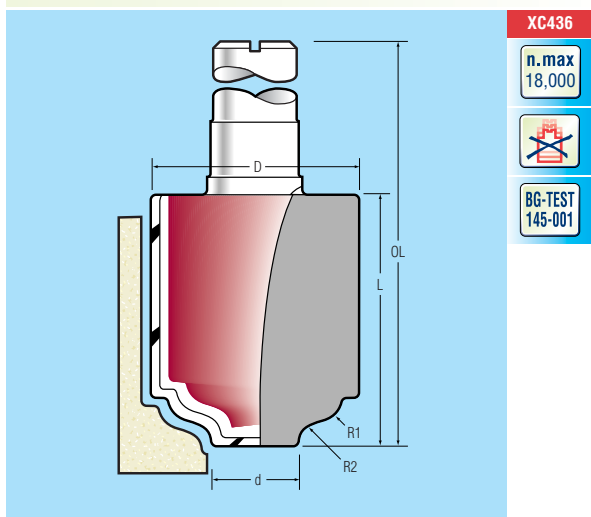
BG-TEST  
145-001

Joint profiling for many types of fabrication giving a decorative effect.

| Order Ref. No. | Dmm | dmm | Lmm | Rmm | OL mm | TCT Shank<br>12mm 1/2" |
|----------------|-----|-----|-----|-----|-------|------------------------|
| XC431          | 26  | 14  | 37  | 4   | 96    | • •                    |

### TCT Two Flute Ogee Mould Effect Upstand

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC436

n. max  
18,000



BG-TEST  
145-001

For cutting upstands. Joint profiling for several types of fabrication giving decorative effect.

| Order Ref. No. | Dmm | dmm | Lmm | R1mm | R2mm | OL mm | TCT Shank<br>12mm 1/2" |
|----------------|-----|-----|-----|------|------|-------|------------------------|
| XC436          | 30  | 14  | 37  | 3    | 3    | 96    | • •                    |

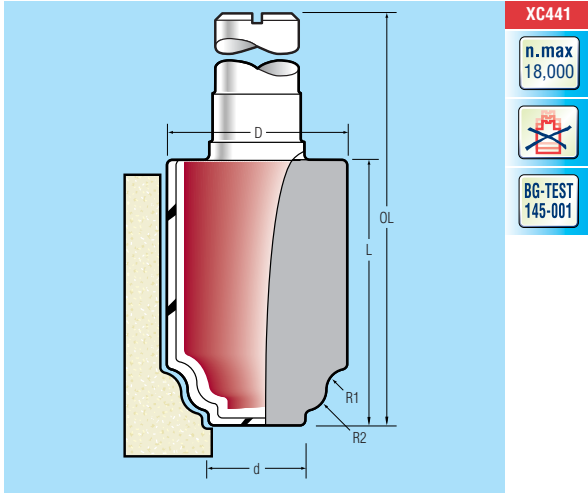
**WWW**  
Titman  
Cutters for  
Corian can  
be found  
online at  
[www.titman.co.uk](http://www.titman.co.uk)



## TCT Two Flute Ovolo Effect Upstand

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC441

n.max  
18,000



BG-TEST  
145-001

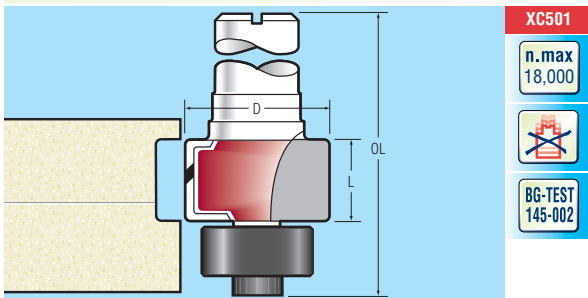
Ideal for use inverted on the Titman Router Table. Joint profiling for many types of fabrication giving decorative effect.

| Order Ref. No. | Dmm | dmm | Lmm | R1mm | R2mm | OL mm | TCT Shank |      |
|----------------|-----|-----|-----|------|------|-------|-----------|------|
|                |     |     |     |      |      |       | 12mm      | 1/2" |
| XC441          | 26  | 14  | 37  | 3    | 3    | 96    | •         | •    |

## TCT Two Flute Inlay

Inlay-Fräser HW Z=2 mit Anlauflager

Mèche pour Inlay HW Z=2 avec guide à bille



XC501

n.max  
18,000



BG-TEST  
145-002

A cutter to produce slots to take inlays of different colours or to produce a line feature joint. Use alternative bearings to give different inlay rebate depth. (PB16 supplied as standard)

See page 23-24 for Replacement Tip alternative.

| Order Ref. No.       | Dmm              | Lmm  | OL mm | TCT Shank |      |
|----------------------|------------------|------|-------|-----------|------|
|                      |                  |      |       | 12mm      | 1/2" |
| XC501-635            | 25.7             | 6.35 | 77.35 | •         | •    |
| XC501-127            | 25.7             | 12.7 | 83.7  | •         | •    |
| XC501-19             | 25.7             | 19   | 90    | •         | •    |
| PB16/6.35            | Ti-Tire® bearing |      |       | •         | •    |
| 4mm Steel washer     |                  |      |       | •         | •    |
| 4 x 6 Cap head screw |                  |      |       | •         | •    |

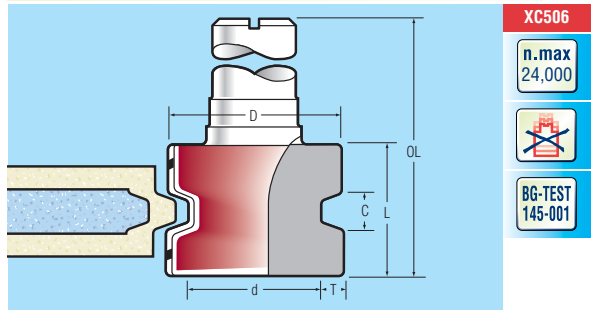
### Inlay Depth Chart

| Bearing | Depth    | Bearing | Depth    |
|---------|----------|---------|----------|
| PB127   | = 6.5mm  | PB19    | = 3.35mm |
| PB16    | = 4.85mm | PB22    | = 1.85mm |
| PB18    | = 3.85mm |         |          |

## TCT Two Flute Tongue & Groove

Nut- und Federfräser HW Z=2

Mèche pour joint encastré HW Z=2



XC506

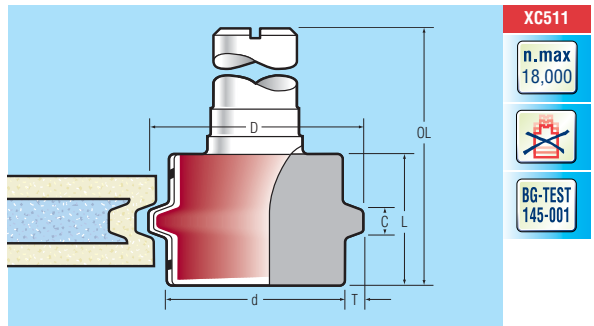
n.max  
24,000



BG-TEST  
145-001

These cutters are designed to produce top surface perfect butt joints. Suitable for materials 6mm (<sup>15</sup>/<sub>64</sub>") to 17mm (<sup>49</sup>/<sub>64</sub>") thick.

| Order Ref. No. | Dmm  | dmm   | Lmm | Tmm | Cmm  | OL mm | TCT Shank |      |
|----------------|------|-------|-----|-----|------|-------|-----------|------|
|                |      |       |     |     |      |       | 12mm      | 1/2" |
| XC506          | 25.4 | 19.56 | 19  | 3   | 6-17 | 78    | •         | •    |

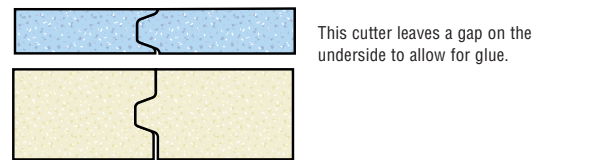


XC511

n.max  
18,000



BG-TEST  
145-001



This cutter leaves a gap on the underside to allow for glue.

| Order Ref. No. | Dmm   | dmm | Lmm | Tmm | Cmm  | OL mm | TCT Shank |      |
|----------------|-------|-----|-----|-----|------|-------|-----------|------|
|                |       |     |     |     |      |       | 12mm      | 1/2" |
| XC511          | 26.35 | 20  | 19  | 3   | 6-17 | 78    | •         | •    |



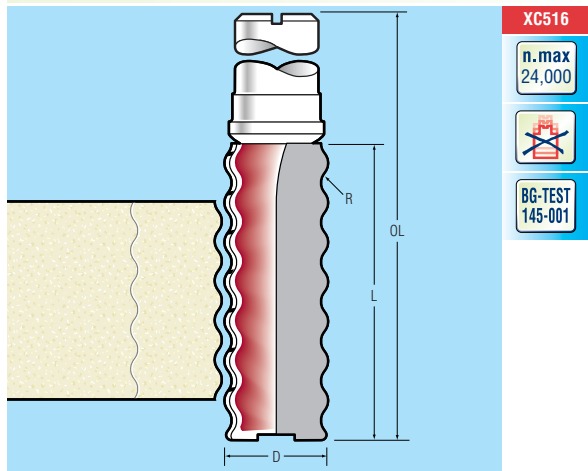
## Optional Accessories

All Titman Corian® cutters have a shoulder on the shank to accommodate a collar and top bearing.

See Optional Accessories for top bearing options - page 2

## TCT Knuckle Bone

Wellenprofilfräser HW Z=2  
Mèche pour joint HW Z=2

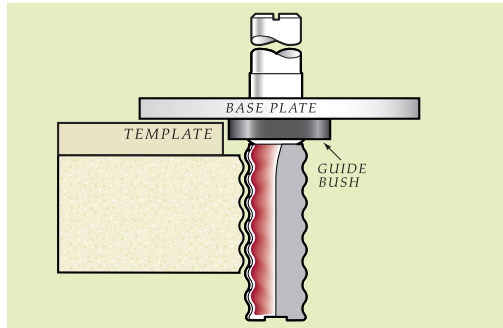


XC516

n. max  
24,000



BG-TEST  
145-001



Great care should be exercised when using this cutter to avoid 'cutter wander'.  
Use correct jig, template or side fence. This cutter gives the glue line more strength.  
Use a guide bush in conjunction with an offset template.

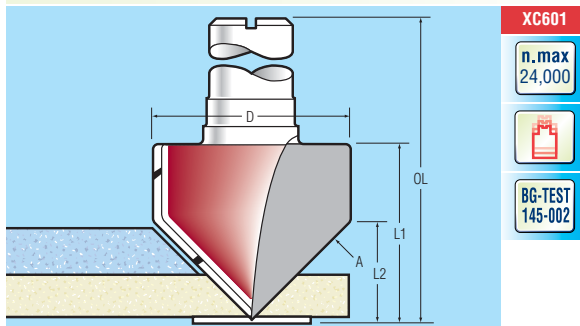
| Order Ref. No. | Dmm   | Lmm | Rmm | OL mm | TCT Shank |      |
|----------------|-------|-----|-----|-------|-----------|------|
|                |       |     |     |       | 12mm      | 1/2" |
| XC516          | 15.88 | 42  | 2   | 104   | •         | •    |

### Millimetres to Inches

See **Conversion Chart** on inside back cover for converting metric to imperial measurements

## TCT Two Flute 'V' Grooving

V-Nut-Fräser HW Z=2  
Mèche à rainner en V HW Z=2



XC601

n. max  
24,000



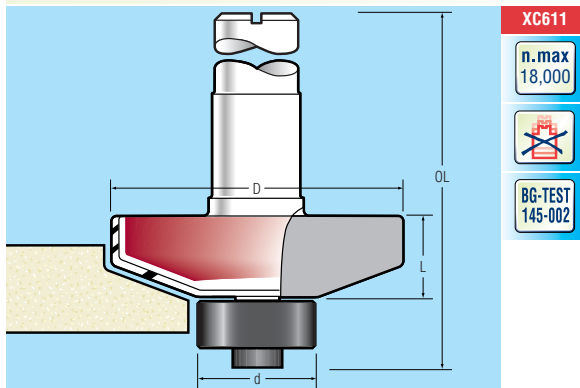
BG-TEST  
145-002

**XC601** Particularly suitable for producing a 'V' groove joint in conjunction with a strong flexible tape stabiliser multi-use 'V' cutter.  
See page 25-26 for alternative replacement tip cutter.  
**New single flute alternative available, see page 26.**  
**XC606** Versatile cutter for engraving 'V' grooving or 'V' channel work.

| Order Ref. No. | Dmm   | L1mm  | L2mm | A   | OLmm  | TCT Shank |      |
|----------------|-------|-------|------|-----|-------|-----------|------|
|                |       |       |      |     |       | 12mm      | 1/2" |
| XC601          | 30    | 20    | 12.7 | 45° | 79    | •         | •    |
| XC606-3/8"     | 9.52  | 18.33 |      | 45° | 77.33 | •         | •    |
| XC606-1/2"     | 12.7  | 18.38 |      | 45° | 77.38 | •         | •    |
| XC606-5/8"     | 15.88 | 18.35 |      | 45° | 77.35 | •         | •    |
| XC606-3/4"     | 19.05 | 18.38 |      | 45° | 77.38 | •         | •    |
| XC606-7/8"     | 22.23 | 19.38 |      | 45° | 78.38 | •         | •    |
| XC606-1"       | 25.4  | 19.38 |      | 45° | 78.38 | •         | •    |
| XC606-1.1/4"   | 31.75 | 27.62 |      | 45° | 86.62 | •         | •    |
| XC606-1.1/2"   | 38.1  | 27.38 |      | 45° | 86.38 | •         | •    |

## TCT Two Flute Raised Panel with bearing

Fasefräser HW Z=2 mit Anlauflager stirnseitig  
Mèche à chanfreiner HW Z=2 avec guide à bille



XC611

n. max  
18,000



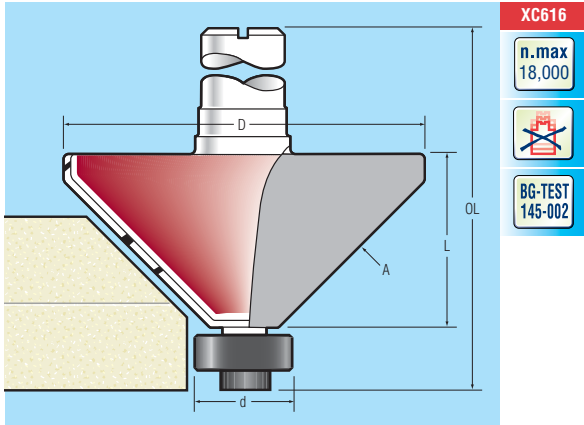
BG-TEST  
145-002

**XC611** is the perfect cutter for panel raising work. Changing bearings will remove quirks. Ensure when running bevels with a bearing guide that sufficient flat is left on material for the bearing to run on, or use support template fitted flush with the workpiece.

| Order Ref. No. | Dmm              | dmm | Lmm | A   | OLmm | TCT Shank |      |
|----------------|------------------|-----|-----|-----|------|-----------|------|
|                |                  |     |     |     |      | 12mm      | 1/2" |
| XC611          | 42               | 16  | 12  | 24° | 83   | •         | •    |
| PB127/6.35     | Ti-Tire® bearing |     |     |     |      | •         | •    |
| LC12.7         | Locating collar  |     |     |     |      | •         | •    |
| LS4            | Locating screw   |     |     |     |      | •         | •    |



**TCT Two Flute Raised Panel** with bearing  
 Fasefräser HW Z=2 mit Anlaulager stirnseitig  
 Mèche à chanfreiner HW Z=2 avec guide à bille



**XC616**

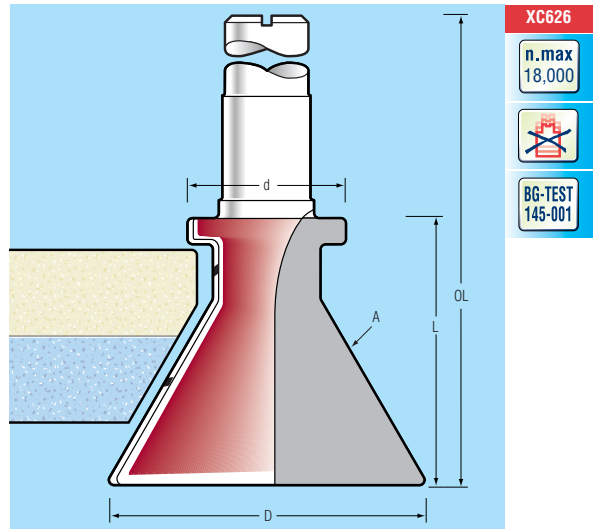
n.max  
18,000

BG-TEST  
145-002

A cutter designed for large 45° chamfer work with guide bearing.

| Order Ref. No.        | Dmm              | dmm  | Lmm | A   | OLmm | TCT Shank |      |
|-----------------------|------------------|------|-----|-----|------|-----------|------|
|                       |                  |      |     |     |      | 12mm      | 1/2" |
| XC616                 | 52               | 12.7 | 26  | 45° | 97   | •         | •    |
| PB127/6.35            | Ti-Tire® bearing |      |     |     |      | •         |      |
| 4mm Steel washer      |                  |      |     |     |      |           |      |
| M4 x 6 Cap head screw |                  |      |     |     |      |           |      |

**TCT Two Flute Profile**  
 Kantenfase-/Profilfräser HW Z=2  
 Mèche à profiler HW Z=2



**XC626**

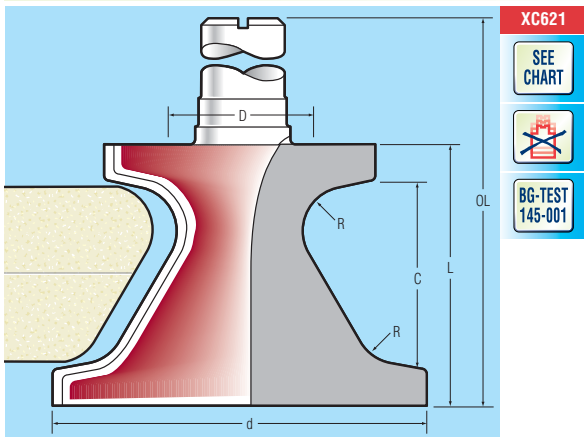
n.max  
18,000

BG-TEST  
145-001

To produce a minimal edge effect in massive joints.

| Order Ref. No. | Dmm   | dmm | Lmm  | A   | OLmm | TCT Shank |      |
|----------------|-------|-----|------|-----|------|-----------|------|
|                |       |     |      |     |      | 12mm      | 1/2" |
| XC626          | 39.45 | 16  | 34.5 | 30° | 93.5 | •         | •    |

**TCT Two Flute Tapered Profile**  
 Kantenabrund-/Fasefräser HW Z=2  
 Mèche à profiler HW Z=2



**XC621**

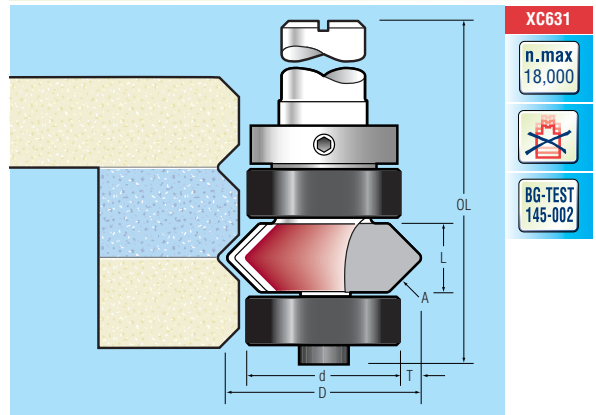
SEE CHART

BG-TEST  
145-001

To enhance the edge of heavy constructions.

| Order Ref. No. | Dmm   | dmm   | Lmm  | C       | R    | OLmm  | TCT Shank |      |
|----------------|-------|-------|------|---------|------|-------|-----------|------|
|                |       |       |      |         |      |       | 12mm      | 1/2" |
| XC621-3/16     | 37.2  | 16    | 24.7 | 24.2-26 | 4.75 | 83.7  | •         | •    |
| XC621-1/4      | 54.4  | 19.05 | 37.4 | 12.1-13 | 6.35 | 96.4  | •         | •    |
| XC621-3/8      | 71.28 | 22.23 | 50.1 | 36.3-39 | 9.52 | 109.1 | •         | •    |

**TCT Two Flute Edged Face 'V' Groove**  
 Kanten-V-Nutfräser HW Z=2 mit Anlaulager  
 Mèche quart de rond HW Z=2 avec guide à bille



**XC631**

n.max  
18,000

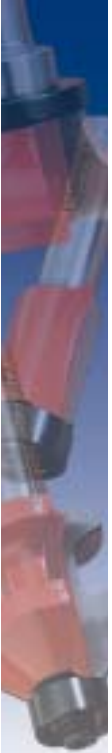
BG-TEST  
145-002

A decorative 'V' effect cutter particularly useful to enhance multi-colour joints.

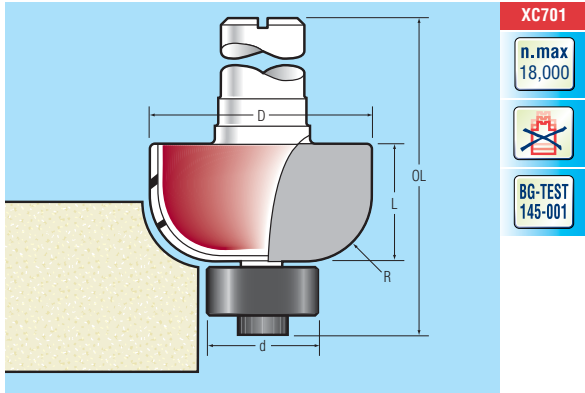
| Order Ref. No.        | Dmm              | dmm | Lmm | A   | T    | OLmm | TCT Shank |      |
|-----------------------|------------------|-----|-----|-----|------|------|-----------|------|
|                       |                  |     |     |     |      |      | 12mm      | 1/2" |
| XC631                 | 25.6             | 22  | 9.5 | 90° | 3.17 | 80.5 | •         | •    |
| PB22/6.35             | Ti-Tire® bearing |     |     |     |      | •    |           |      |
| PB22/12.7             | Ti-Tire® bearing |     |     |     |      | •    |           |      |
| 4mm Steel washer      |                  |     |     |     |      |      |           |      |
| M4 x 6 Cap head screw |                  |     |     |     |      |      |           |      |
| LC12.7                | Locating Collar  |     |     |     |      | •    |           |      |
| LS4                   | Locating Screw   |     |     |     |      | •    |           |      |







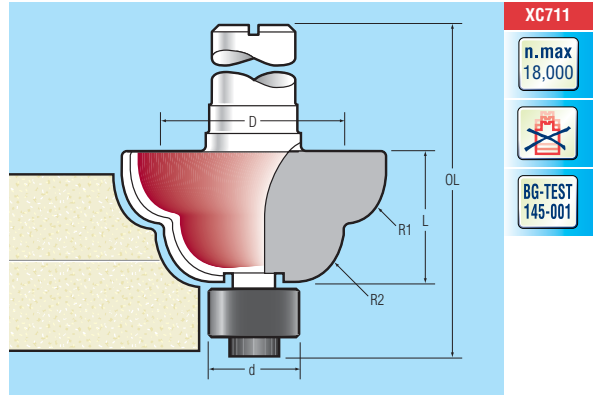
**TCT Two Flute Cove Mould** with bearing  
*Halb-Hohlkehlfräser HW Z=2 mit Anlauflager*  
*Mèche quart de rond HW Z=2 avec guide à bille*



Two flute half round cutter. Ideal for a scalloped edge finish. For all types of decorative edge profiling.

| Order Ref. No. | Dmm                   | dmm  | Lmm | R   | OLmm | TCT Shank |      |
|----------------|-----------------------|------|-----|-----|------|-----------|------|
|                |                       |      |     |     |      | 12mm      | 1/2" |
| <b>XC701</b>   | 31.7                  | 12.7 | 16  | 9.5 | 87   | •         | •    |
| PB127/6.35     | Ti-Tire® bearing      |      |     |     |      | •         |      |
|                | 4mm Steel washer      |      |     |     |      | •         |      |
|                | M4 x 6 Cap head screw |      |     |     |      | •         |      |

**TCT Two Flute Double Cove**  
*Profilfräser HW Z=2*  
*Mèche à profiler HW Z=2*



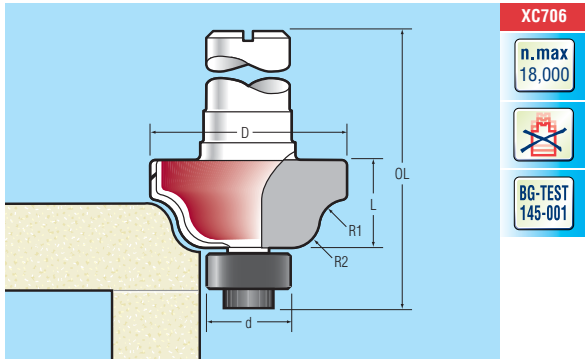
A double cove decorative finishing cutter.

| Order Ref. No. | Dmm                   | dmm  | Lmm   | R1mm | R2 mm | OLmm  | TCT Shank |      |
|----------------|-----------------------|------|-------|------|-------|-------|-----------|------|
|                |                       |      |       |      |       |       | 12mm      | 1/2" |
| <b>XC711</b>   | 38.1                  | 12.7 | 19.05 | 6.35 | 6.35  | 90.05 | •         | •    |
| PB127/6.35     | Ti-Tire® bearing      |      |       |      |       | •     |           |      |
|                | 4mm Steel washer      |      |       |      |       | •     |           |      |
|                | M4 x 6 Cap head screw |      |       |      |       | •     |           |      |

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Soft Form Cutters

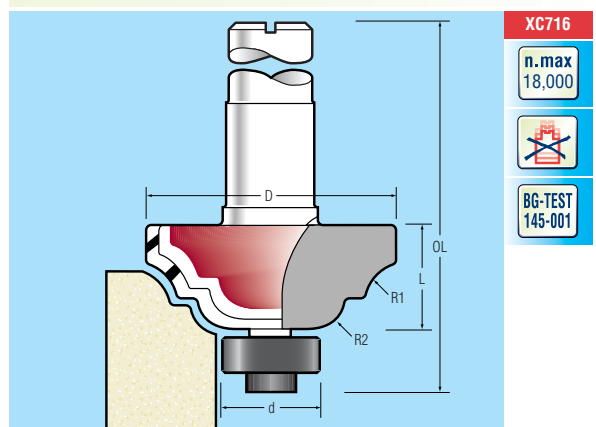
**TCT Two Flute Roman Ogee** with bearing  
*Profilfräser HW Z=2*  
*Mèche à profiler HW Z=2*



For all types of decorative edge profiling.

| Order Ref. No. | Dmm                   | dmm  | Lmm | R1mm | R2 mm | OLmm | TCT Shank |      |
|----------------|-----------------------|------|-----|------|-------|------|-----------|------|
|                |                       |      |     |      |       |      | 12mm      | 1/2" |
| <b>XC706</b>   | 38.1                  | 12.7 | 19  | 6.35 | 6.35  | 90   | •         | •    |
| PB127/6.35     | Ti-Tire® bearing      |      |     |      |       | •    |           |      |
|                | 4mm Steel washer      |      |     |      |       | •    |           |      |
|                | M4 x 6 Cap head screw |      |     |      |       | •    |           |      |

**TCT Two Flute Classic Decorative**  
*with bearing*  
*Profilfräser HW Z=2*  
*Mèche à profiler HW Z=2*



This classic shape is a fine cutter for creating a safety edge on worktop or counter areas. For all types of decorative edge profiling.

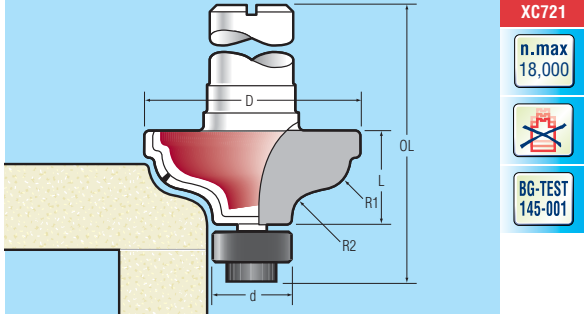
| Order Ref. No. | Dmm                   | dmm  | Lmm  | R1mm | R2 mm | OLmm | TCT Shank |      |
|----------------|-----------------------|------|------|------|-------|------|-----------|------|
|                |                       |      |      |      |       |      | 12mm      | 1/2" |
| <b>XC716</b>   | 38.1                  | 12.7 | 15.5 | 4.8  | 4.8   | 86.5 | •         | •    |
| PB127/6.35     | Ti-Tire® bearing      |      |      |      |       | •    |           |      |
|                | 4mm Steel washer      |      |      |      |       | •    |           |      |
|                | M4 x 6 Cap head screw |      |      |      |       | •    |           |      |



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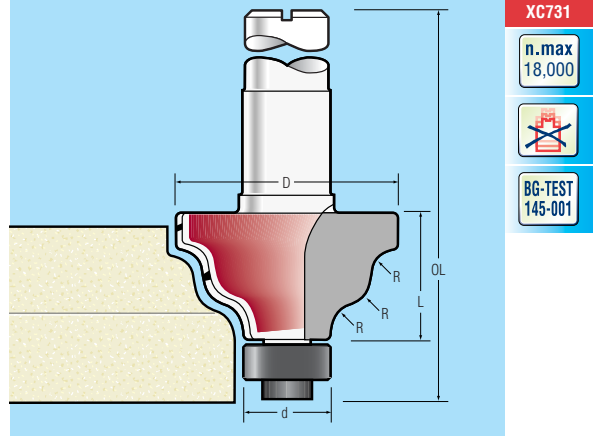
**TCT Two Flute Roman Ogee with bearing**  
 Profilfräser HW Z=2  
 Mèche à profiler HW Z=2



A double cove decorative finishing cutter.

| Order Ref. No.        | Dmm              | dmm  | Lmm | R1mm | R2 mm | OLmm | TCT Shank |      |
|-----------------------|------------------|------|-----|------|-------|------|-----------|------|
|                       |                  |      |     |      |       |      | 12mm      | 1/2" |
| XC721                 | 40               | 12.7 | 18  | 6.35 | 6     | 89   | •         | •    |
| PB127/6.35            | Ti-Tire® bearing |      | •   |      |       |      |           |      |
| 4mm Steel washer      |                  | •    |     |      |       |      |           |      |
| M4 x 6 Cap head screw |                  | •    |     |      |       |      |           |      |

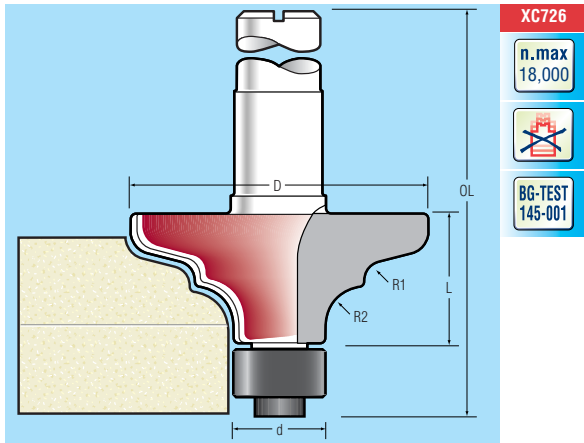
**TCT Two Flute Roman Ogee Profile**  
 Profilfräser HW Z=2  
 Mèche à profiler HW Z=2



For all types of decorative edge profiling.

| Order Ref. No.        | Dmm              | dmm  | Lmm   | Rmm | OLmm  | TCT Shank |      |  |
|-----------------------|------------------|------|-------|-----|-------|-----------|------|--|
|                       |                  |      |       |     |       | 12mm      | 1/2" |  |
| XC731                 | 31.75            | 12.7 | 15.78 | 4   | 86.78 | •         | •    |  |
| PB127/6.35            | Ti-Tire® bearing |      | •     |     |       |           |      |  |
| 4mm Steel washer      |                  | •    |       |     |       |           |      |  |
| M4 x 6 Cap head screw |                  | •    |       |     |       |           |      |  |

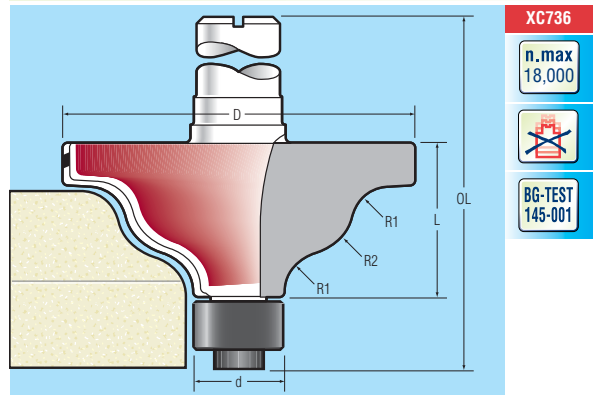
**TCT Two Flute Reverse Bead Profile with bearing**  
 Profilfräser HW Z=2  
 Mèche à profiler HW Z=2



Produces a classical type, reverse bead, edge mould.

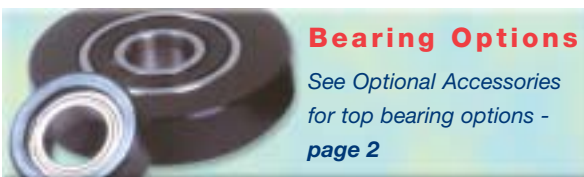
| Order Ref. No.        | Dmm              | dmm  | Lmm   | R1mm | R2 mm | OLmm  | TCT Shank |      |
|-----------------------|------------------|------|-------|------|-------|-------|-----------|------|
|                       |                  |      |       |      |       |       | 12mm      | 1/2" |
| XC726                 | 42.86            | 12.7 | 19.05 | 2    | 6     | 90.05 | •         | •    |
| PB127/6.35            | Ti-Tire® bearing |      | •     |      |       |       |           |      |
| 4mm Steel washer      |                  | •    |       |      |       |       |           |      |
| M4 x 6 Cap head screw |                  | •    |       |      |       |       |           |      |

**TCT Two Flute Ogee Profile**  
 Profilfräser HW Z=2  
 Mèche à profiler HW Z=2



Classic edge mould ogee profile.

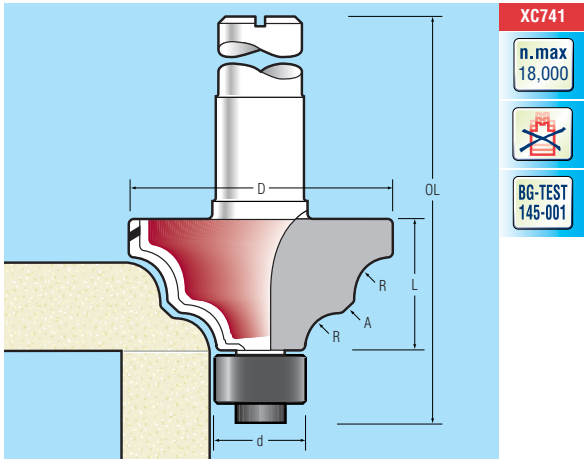
| Order Ref. No.        | Dmm              | dmm  | Lmm   | R1mm | R2 mm | OLmm  | TCT Shank |      |
|-----------------------|------------------|------|-------|------|-------|-------|-----------|------|
|                       |                  |      |       |      |       |       | 12mm      | 1/2" |
| XC736                 | 50.8             | 12.7 | 22.25 | 5    | 6.5   | 93.25 | •         | •    |
| PB127/6.35            | Ti-Tire® bearing |      | •     |      |       |       |           |      |
| 4mm Steel washer      |                  | •    |       |      |       |       |           |      |
| M4 x 6 Cap head screw |                  | •    |       |      |       |       |           |      |



## TCT Two Flute Stepped Roman Ogee Profile

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC741

n.max  
18,000



BG-TEST  
145-001

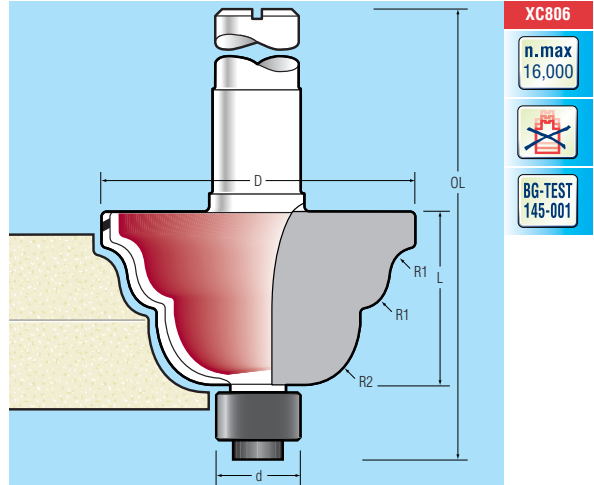
Stepped between the radii to produce robust profile.

| Order Ref. No. | Dmm                   | dmm  | Lmm   | Rmm  | A   | OLmm  | TCT Shank |      |   |
|----------------|-----------------------|------|-------|------|-----|-------|-----------|------|---|
|                |                       |      |       |      |     |       | 12mm      | 1/2" |   |
| XC741          | 38.1                  | 12.7 | 19.05 | 4.75 | 45° | 90.05 | •         | •    |   |
| PB127/6.35     | Ti-Tire® bearing      |      |       |      |     |       |           | •    | • |
|                | 4mm Steel washer      |      |       |      |     |       |           | •    | • |
|                | M4 x 6 Cap head screw |      |       |      |     |       |           | •    | • |

## TCT Two Flute Combined Reverse Profile

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC806

n.max  
16,000



BG-TEST  
145-001

Can be used in reverse to give a similar pleasing edge effect.

| Order Ref. No. | Dmm                   | dmm  | Lmm   | R1mm | R2mm | OLmm  | TCT Shank |      |   |
|----------------|-----------------------|------|-------|------|------|-------|-----------|------|---|
|                |                       |      |       |      |      |       | 12mm      | 1/2" |   |
| XC806          | 50.8                  | 12.7 | 28.57 | 4.5  | 9.5  | 99.57 | •         | •    |   |
| PB127/6.35     | Ti-Tire® bearing      |      |       |      |      |       |           | •    | • |
|                | 4mm Steel washer      |      |       |      |      |       |           | •    | • |
|                | M4 x 6 Cap head screw |      |       |      |      |       |           | •    | • |

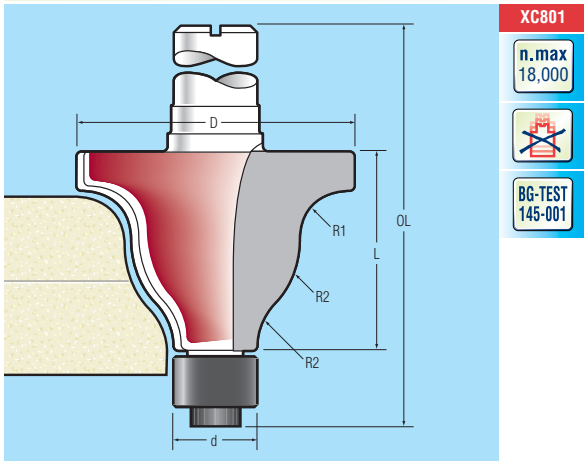
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Soft Form Cutters

## TCT Two Flute Extended Ogee Profile

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC801

n.max  
18,000



BG-TEST  
145-001

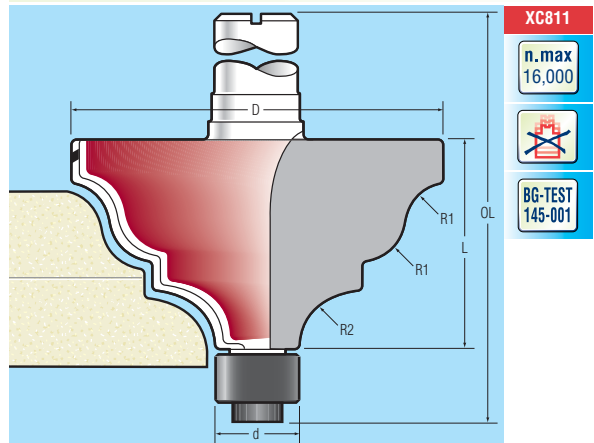
A variation on the classical ogee cutter shape.

| Order Ref. No. | Dmm                   | dmm  | Lmm   | R1mm | R2mm | OLmm   | TCT Shank |      |   |
|----------------|-----------------------|------|-------|------|------|--------|-----------|------|---|
|                |                       |      |       |      |      |        | 12mm      | 1/2" |   |
| XC801          | 44.45                 | 12.7 | 31.75 | 6    | 13   | 102.75 | •         | •    |   |
| PB127/6.35     | Ti-Tire® bearing      |      |       |      |      |        |           | •    | • |
|                | 4mm Steel washer      |      |       |      |      |        |           | •    | • |
|                | M4 x 6 Cap head screw |      |       |      |      |        |           | •    | • |

## TCT Two Flute Classical Profile

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC811

n.max  
16,000



BG-TEST  
145-001

Can be used in reverse to give a similar pleasing edge effect.

| Order Ref. No. | Dmm                   | dmm  | Lmm  | R1mm | R2mm | OLmm  | TCT Shank |      |   |
|----------------|-----------------------|------|------|------|------|-------|-----------|------|---|
|                |                       |      |      |      |      |       | 12mm      | 1/2" |   |
| XC811          | 57.15                 | 12.7 | 32.5 | 6    | 9.5  | 103.5 | •         | •    |   |
| PB127/6.35     | Ti-Tire® bearing      |      |      |      |      |       |           | •    | • |
|                | 4mm Steel washer      |      |      |      |      |       |           | •    | • |
|                | M4 x 6 Cap head screw |      |      |      |      |       |           | •    | • |

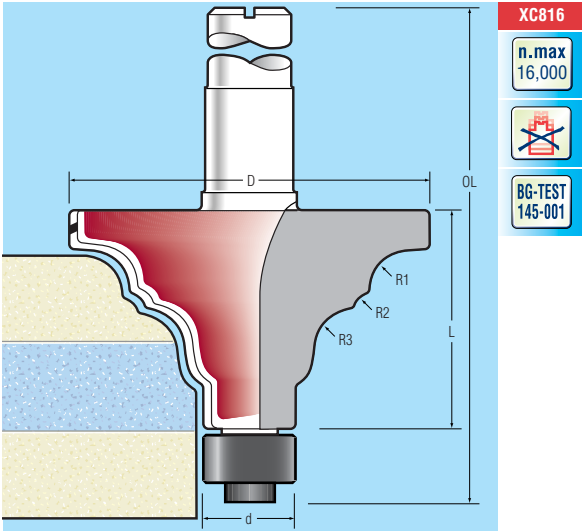


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## TCT Two Multi-Radius Profile

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC816

n.max  
16,000



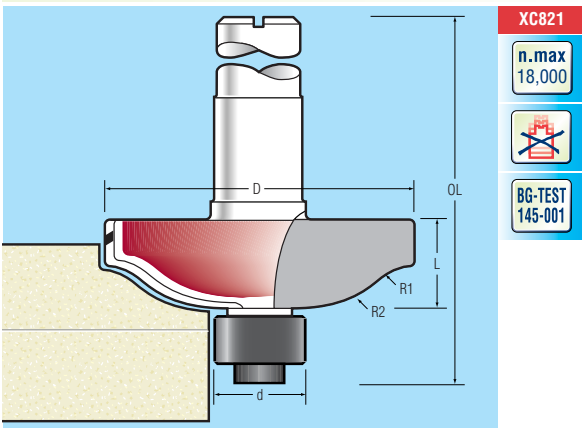
BG-TEST  
145-001

Multi-radius profile suitable for heavy worktops reducing apparent edge thickness.

| Order                 | TCT Shank        |      |      |      |      |      |        |      |      |  |
|-----------------------|------------------|------|------|------|------|------|--------|------|------|--|
| Ref. No.              | Dmm              | dmm  | Lmm  | R1mm | R2mm | R3mm | OLmm   | 12mm | 1/2" |  |
| XC816                 | 57.15            | 12.7 | 34.9 | 6    | 2.5  | 7    | 105.92 | •    | •    |  |
| PB127/6.35            | Ti-Tire® bearing |      |      |      |      |      |        |      |      |  |
| 4mm Steel washer      |                  |      |      |      |      |      |        |      |      |  |
| M4 x 6 Cap head screw |                  |      |      |      |      |      |        |      |      |  |

## TCT Two Flute Raised Panel Profile

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC821

n.max  
18,000



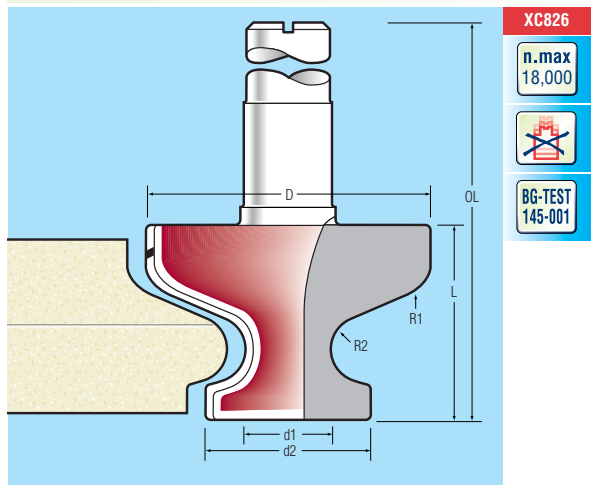
BG-TEST  
145-001

Raised panel effect cutter.

| Order                 | TCT Shank        |      |      |      |      |      |      |      |  |  |
|-----------------------|------------------|------|------|------|------|------|------|------|--|--|
| Ref. No.              | Dmm              | dmm  | Lmm  | R1mm | R2mm | OLmm | 12mm | 1/2" |  |  |
| XC821                 | 44.45            | 12.7 | 12.7 | 6    | 17   | 83.7 | •    | •    |  |  |
| PB127/6.35            | Ti-Tire® bearing |      |      |      |      |      |      |      |  |  |
| 4mm Steel washer      |                  |      |      |      |      |      |      |      |  |  |
| M4 x 6 Cap head screw |                  |      |      |      |      |      |      |      |  |  |

## TCT Two Flute Sweeping Edge Mould

Vollkanten-Profilfräser HW Z=2  
Mèche à profil divers HW Z=2



XC826

n.max  
18,000



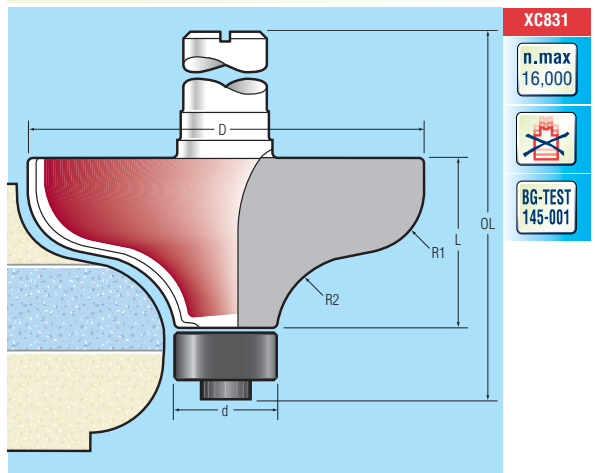
BG-TEST  
145-001

Also attractive when reversed producing slim edge effect.

| Order    | TCT Shank |      |      |       |      |      |       |      |      |  |
|----------|-----------|------|------|-------|------|------|-------|------|------|--|
| Ref. No. | Dmm       | d1mm | d2mm | Lmm   | R1mm | R2mm | OLmm  | 12mm | 1/2" |  |
| XC826    | 44.45     | 13   | 26   | 31.75 | 5    | 5    | 90.75 | •    | •    |  |

## TCT Two Flute Bull Ogee Profile

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC831

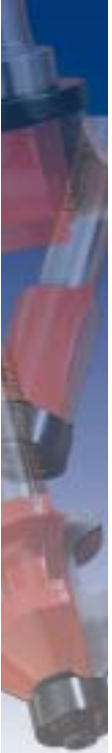
n.max  
16,000



BG-TEST  
145-001

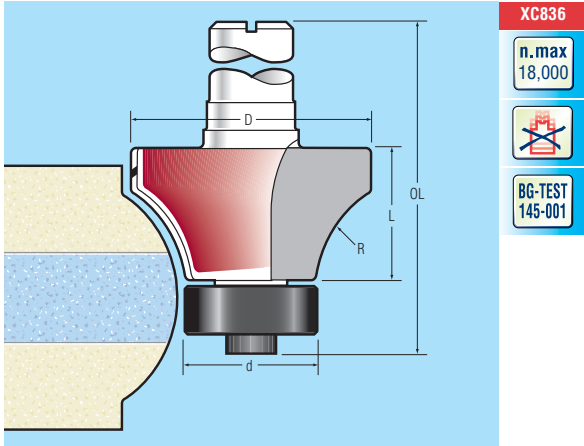
Combines the bull nose and ogee sweeping curve.

| Order                 | TCT Shank        |      |      |      |      |      |      |      |  |  |
|-----------------------|------------------|------|------|------|------|------|------|------|--|--|
| Ref. No.              | Dmm              | dmm  | Lmm  | R1mm | R2mm | OLmm | 12mm | 1/2" |  |  |
| XC831                 | 57.15            | 12.7 | 25.4 | 10   | 12   | 96.4 | •    | •    |  |  |
| PB127/6.35            | Ti-Tire® bearing |      |      |      |      |      |      |      |  |  |
| 4mm Steel washer      |                  |      |      |      |      |      |      |      |  |  |
| M4 x 6 Cap head screw |                  |      |      |      |      |      |      |      |  |  |



## TCT Two Flute Half Staff Bead Profile

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC836

n.max  
18,000



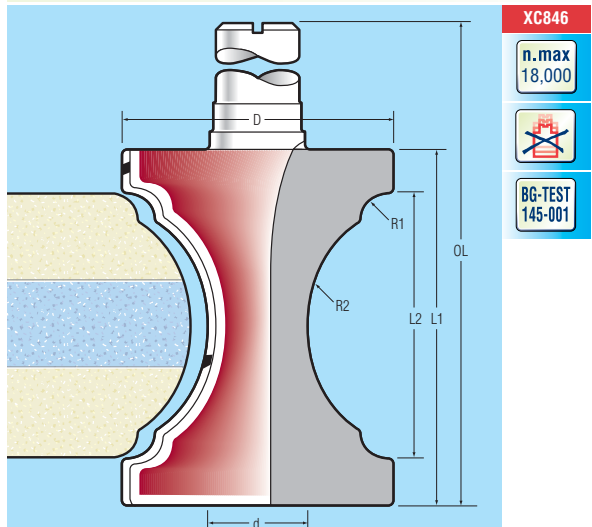
BG-TEST  
145-001

Produces a half staff or full staff bead profile using a double pass.

| Order Ref. No. | Dmm                   | dmm | Lmm   | Rmm | OLmm  | TCT Shank |      |
|----------------|-----------------------|-----|-------|-----|-------|-----------|------|
|                |                       |     |       |     |       | 12mm      | 1/2" |
| XC836          | 34.92                 | 20  | 19.05 | 18  | 90.05 | •         | •    |
| PB20/6.35      | Ti-Tire® bearing      |     |       |     |       | •         | •    |
|                | 4mm Steel washer      |     |       |     |       | •         | •    |
|                | M4 x 6 Cap head screw |     |       |     |       | •         | •    |

## TCT Two Flute Enhanced Edge Mould Profile

Vollkanten-Profilfräser HW Z=2  
Mèche à profil divers HW Z=2



XC846

n.max  
18,000



BG-TEST  
145-001

Adds a pleasing mini radius to the traditional radius edge mould cutter.

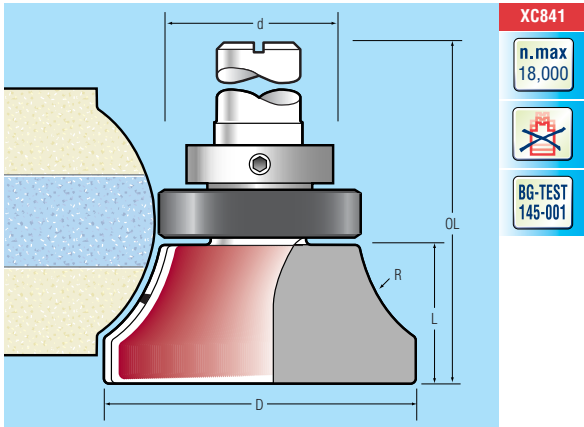
| Order Ref. No. | Dmm | dmm | L1mm | L2mm | R1mm | R2mm | OLmm  | TCT Shank |      |
|----------------|-----|-----|------|------|------|------|-------|-----------|------|
|                |     |     |      |      |      |      |       | 12mm      | 1/2" |
| XC846          | 40  | 16  | 50.8 | 38.1 | 4    | 19   | 109.8 | •         | •    |

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Soft Form Cutters

## TCT Two Flute Half Staff Bead Profile

Profilfräser HW Z=2  
Mèche à profiler HW Z=2



XC841

n.max  
18,000



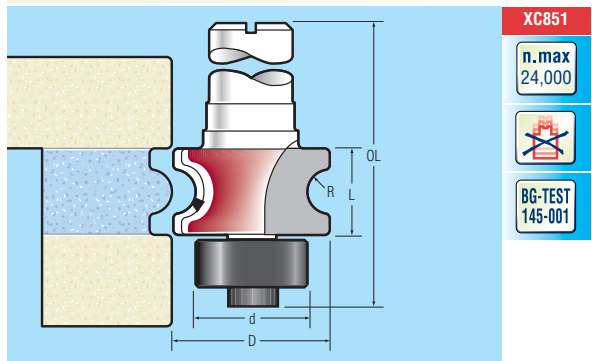
BG-TEST  
145-001

Produces an attractive double bull nose particularly effective with multi-colours.

| Order Ref. No. | Dmm   | dmm | L1mm  | R1mm | OLmm  | TCT Shank |      |
|----------------|-------|-----|-------|------|-------|-----------|------|
|                |       |     |       |      |       | 12mm      | 1/2" |
| XC841          | 44.45 | 30  | 19.05 | 18   | 78.05 | •         | •    |

## TCT Two Flute Edge Bull Nose

Inlay-Profilfräser HW Z=2  
Mèche à profiler HW Z=2 avec guide à bille



XC851

n.max  
24,000



BG-TEST  
145-001

Produces a unique mini bull nose in multicolour joints.

| Order Ref. No. | Dmm                   | dmm   | Lmm  | Rmm  | OLmm | TCT Shank |      |
|----------------|-----------------------|-------|------|------|------|-----------|------|
|                |                       |       |      |      |      | 12mm      | 1/2" |
| XC851-1/8      | 22.4                  | 16.05 | 12.7 | 3.18 | 83.7 | •         | •    |
| PB16/6.35      | Ti-Tire® bearing      |       |      |      |      | •         | •    |
|                | 4mm Steel washer      |       |      |      |      | •         | •    |
|                | M4 x 6 Cap head screw |       |      |      |      | •         | •    |

**Bearing Options**  
See Optional Accessories for top bearing options - page 2



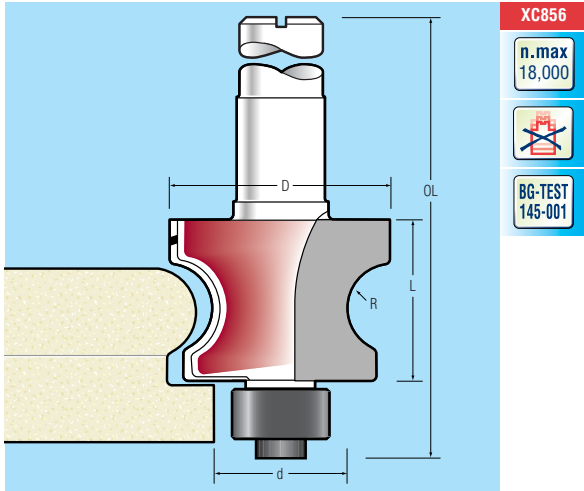
Telephone: +44 (0)1255 220123 Fax: +44 (0)1255 221422

Corian® is a DuPont registered trademark

## TCT Two Flute Edge Beading

Kantenprofilfräser HW Z=2

Mèche à profil divers HW Z=2



XC856

n. max  
18,000



BG-TEST  
145-001

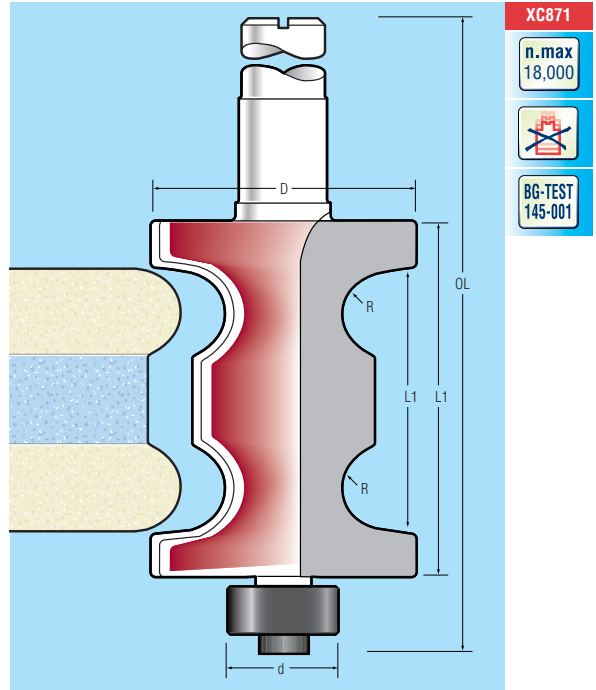
Produces a unique mini bull nose in multicolour joints.

| Order Ref. No.        | Dmm              | dmm | Lmm   | Rmm  | OLmm  | TCT Shank |      |
|-----------------------|------------------|-----|-------|------|-------|-----------|------|
|                       |                  |     |       |      |       | 12mm      | 1/2" |
| XC856-3/16            | 28.57            | 20  | 19.05 | 4.75 | 90.05 | •         | •    |
| XC856-1/4             | 31.75            | 20  | 22.5  | 6.35 | 93.25 | •         | •    |
| XC856-3/8             | 38.1             | 20  | 28.58 | 9.52 | 99.6  | •         | •    |
| PB20/6.35             | Ti-Tire® bearing |     |       |      |       | •         | •    |
| 4mm Steel washer      |                  |     |       |      |       | •         | •    |
| M4 x 6 Cap head screw |                  |     |       |      |       | •         | •    |

## TCT Two Flute Double Bull Nose Profile

Inlay-Vollkanten-Profilfräser HW Z=2

Mèche à profil divers HW Z=2



XC871

n. max  
18,000



BG-TEST  
145-001

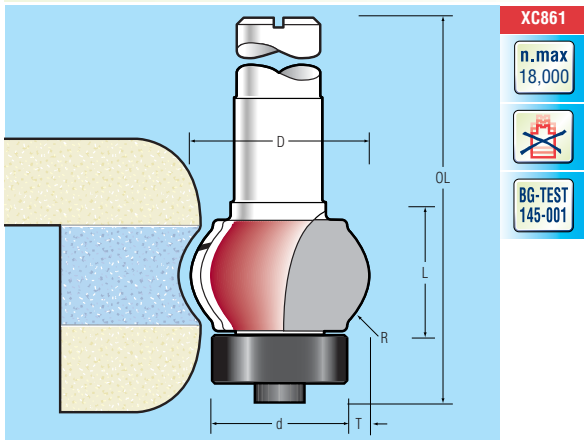
Produces an attractive double bullnose particularly effective with multi-colours.

| Order Ref. No.        | Dmm              | dmm | L1mm | L2mm | Rmm | OLmm  | TCT Shank |      |
|-----------------------|------------------|-----|------|------|-----|-------|-----------|------|
|                       |                  |     |      |      |     |       | 12mm      | 1/2" |
| XC871                 | 38.1             | 17  | 50.8 | 38.1 | 6   | 121.8 | •         | •    |
| PB16/6.35             | Ti-Tire® bearing |     |      |      |     | •     | •         |      |
| 4mm Steel washer      |                  |     |      |      |     | •     | •         |      |
| M4 x 6 Cap head screw |                  |     |      |      |     | •     | •         |      |

## TCT Two Flute Edge Face Cove

Profilfräser HW Z=2

Mèche à profiler HW Z=2



XC861

n. max  
18,000



BG-TEST  
145-001

A wave form decorative effect cutter used in conjunction with multi-layer work.

| Order Ref. No.        | Dmm              | dmm | Lmm   | Rmm | Tmm   | OLmm  | TCT Shank |      |
|-----------------------|------------------|-----|-------|-----|-------|-------|-----------|------|
|                       |                  |     |       |     |       |       | 12mm      | 1/2" |
| XC861                 | 26.34            | 20  | 15.88 | 8   | 3.175 | 86.88 | •         | •    |
| PB20/6.35             | Ti-Tire® bearing |     |       |     |       | •     | •         |      |
| 4mm Steel washer      |                  |     |       |     |       | •     | •         |      |
| M4 x 6 Cap head screw |                  |     |       |     |       | •     | •         |      |

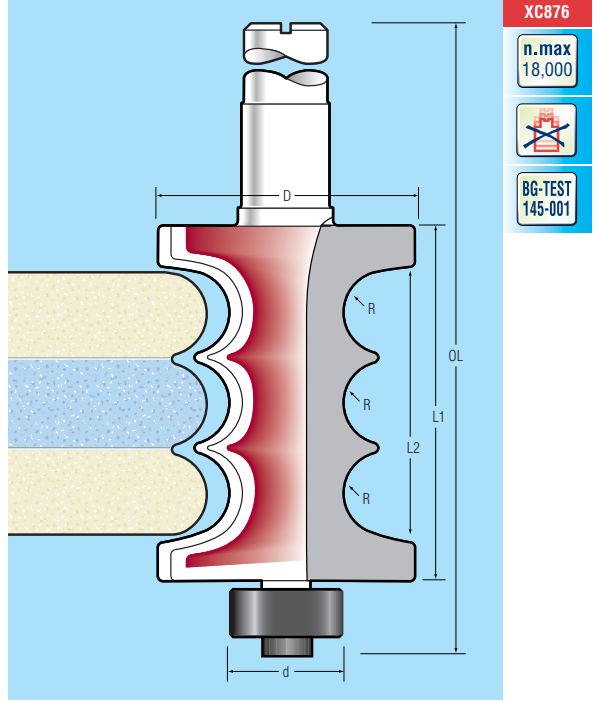
**www.titman.co.uk**

Titman Cutters for Corian®  
can be found online.



### TCT Two Flute Profile Reeded

Vollkanten-Wellenprofilfräser HW Z=2  
 Mèche à profil divers HW Z=2

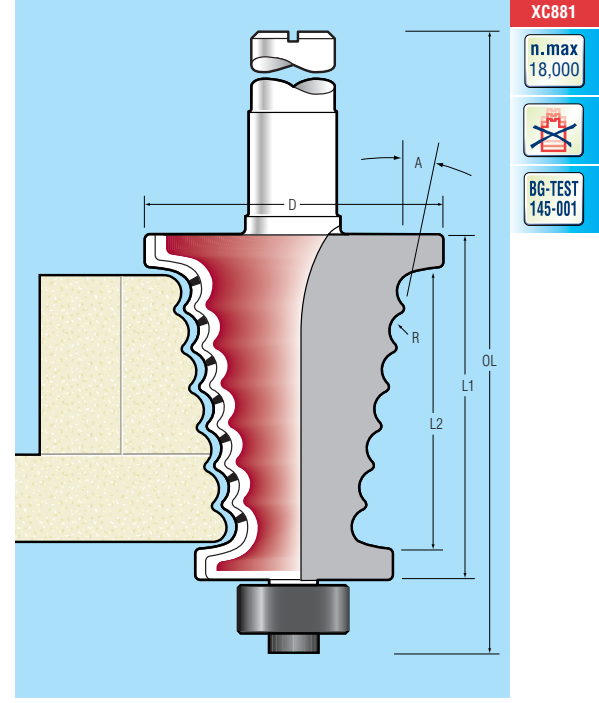


Enhances the effect of multi-colour jointing with a pleasing reeded type profile.

| Order Ref. No.        | Dmm              | dmm | L1mm | L2mm | Rmm | OLmm  | TCT Shank |      |  |
|-----------------------|------------------|-----|------|------|-----|-------|-----------|------|--|
|                       |                  |     |      |      |     |       | 12mm      | 1/2" |  |
| XC876                 | 38.1             | 17  | 50.8 | 38.1 | 6   | 121.8 | •         | •    |  |
| PB16/6.35             | Ti-Tire® bearing |     |      |      |     |       |           | •    |  |
| 4mm Steel washer      |                  |     |      |      |     |       |           | •    |  |
| M4 x 6 Cap head screw |                  |     |      |      |     |       |           | •    |  |

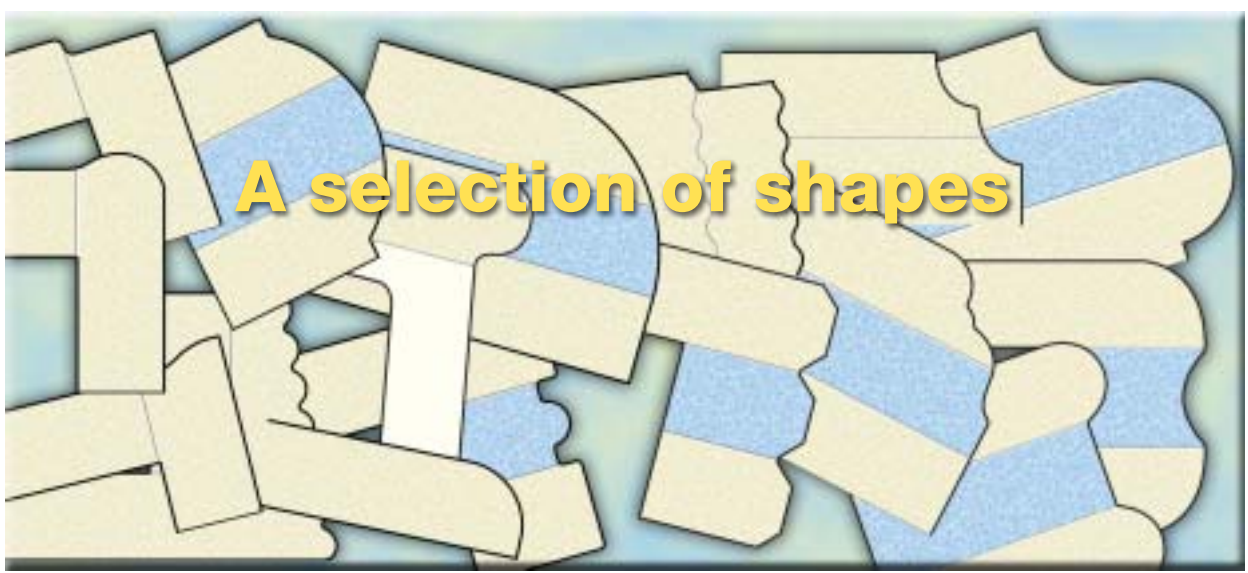
### TCT Two Flute Tapered Reed Effect

Vollkanten-Wellenprofilfräser HW Z=2  
 Mèche à profil divers HW Z=2



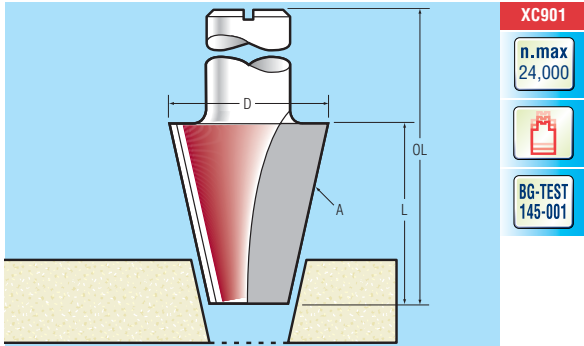
Produces a pleasant reeded effect at 12°. Can be used at varying thicknesses.

| Order Ref. No.        | Dmm              | dmm | L1mm | L2mm | Rmm  | A   | OLmm  | TCT Shank |      |  |
|-----------------------|------------------|-----|------|------|------|-----|-------|-----------|------|--|
|                       |                  |     |      |      |      |     |       | 12mm      | 1/2" |  |
| XC881                 | 50.23            | 17  | 50.8 | 38.1 | 3.14 | 78° | 121.8 | •         | •    |  |
| PB16/6.35             | Ti-Tire® bearing |     |      |      |      |     |       |           | •    |  |
| 4mm Steel washer      |                  |     |      |      |      |     |       |           | •    |  |
| M4 x 6 Cap head screw |                  |     |      |      |      |     |       |           | •    |  |



## TCT RPS Bevel Hole

Fasefräser HW Z=2 für Reparatur- und Inlayfräsarbeiten  
Mèche à percer HW Z=2



XC901

n. max  
24,000



BG-TEST  
145-001

These bevel hole cutters are specially developed to bevel an existing hole or to make new bevelled holes.

| Order Ref. No. | Dmm | Lmm | A   | OLmm | n. max | TCT Shank |      |
|----------------|-----|-----|-----|------|--------|-----------|------|
|                |     |     |     |      |        | 12mm      | 1/2" |
| XC901-23       | 23  | 25  | 75° | 66   | 18,000 | •         | •    |
| XC901-34       | 34  | 25  | 75° | 66   | 16,000 | •         | •    |
| XC901-45       | 45  | 25  | 75° | 66   | 12,000 | •         | •    |

## TCT RPS Cutter Set

Reparatur- und Inlayfräser-Set  
Malette à chanfreiner et bouchonner



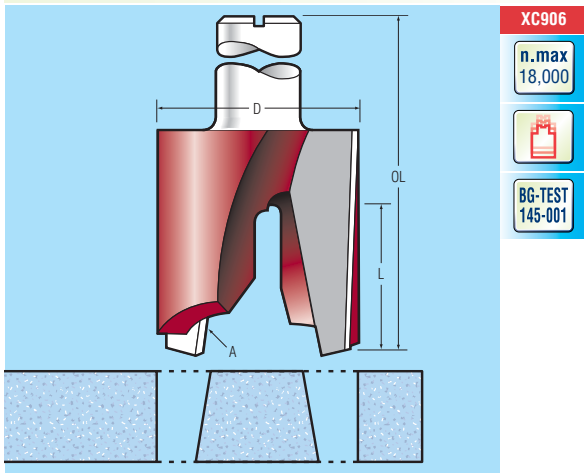
*Use the Titman Plug system for a perfect repair.*

Specially made tooling for repair of 'wrongly made' holes and also for decorative effects using plugs in other colours. Incorporates the bevel hole and plug range.

| Order Ref. No. | TCT Shank |      |
|----------------|-----------|------|
|                | 12mm      | 1/2" |
| XC906          | •         | •    |

## TCT RPS Bevel Plug

Zapfenfräser HW Z=2/3 für Reparatur- und Inlayfräsarbeiten  
Mèche à bouchonner HW Z=2/3  
pour reparation ou décoration



XC906

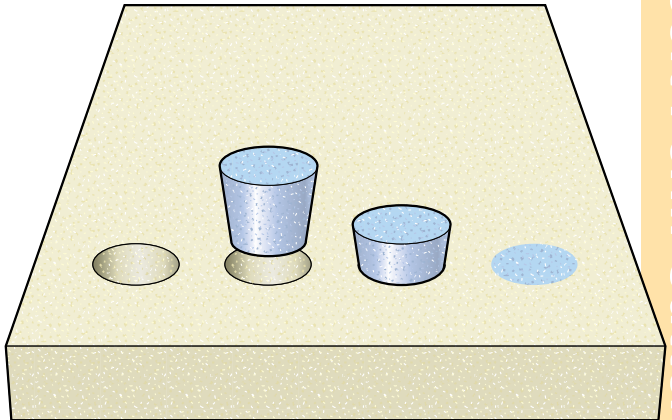
n. max  
18,000



BG-TEST  
145-001

To make accurate plugs which will fit into the bevel holes for repair or decoration.

| Order Ref. No. | Dmm | Lmm | A    | OLmm | n. max | TCT Shank |      |
|----------------|-----|-----|------|------|--------|-----------|------|
|                |     |     |      |      |        | 12mm      | 1/2" |
| XC906-18       | 18  | 19  | 105° | 72   | 24,000 | •         | •    |
| XC906-23       | 23  | 19  | 105° | 72   | 18,000 | •         | •    |
| XC906-34       | 34  | 19  | 105° | 72   | 16,000 | •         | •    |
| XC906-45       | 45  | 19  | 105° | 72   | 12,000 | •         | •    |



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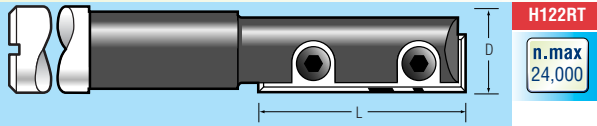
Soft Form Cutters



# Replacement Tip Cutters

## TC Replacement Tip – single flute

Wendeplatten Schafffräser Z=1  
Mèche à plaquette HW Z=1



Not recommended for use in portables.

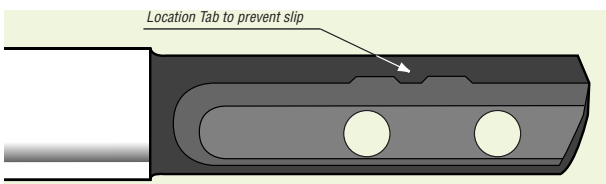
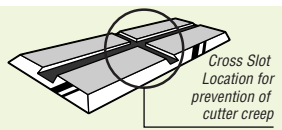
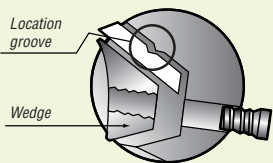
**Solid Tungsten Carbide.** Titmans functional design allows for a strong robust cutter that will withstand the stresses imposed when cutting Corian®, MDF and Chipboard. 1/2" or 12mm shank diameter.

Tips secured by wedges apart from the tips listed below which are secured by screws.

**H122RT** has 30mm cut but can clear 50mm thick board due to relief on body.

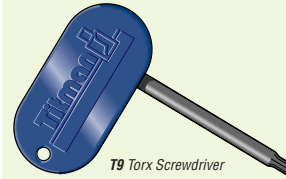
**H22RTL** has a full 50mm cut length.

Other designs and cutter diameters are available, contact our sales department.



| Order Ref. No. | D1                        | L1mm                           | OALmm | TC Shank |      |
|----------------|---------------------------|--------------------------------|-------|----------|------|
|                |                           |                                |       | 12mm     | 1/2" |
| *H38RT         | 3/8" (9.5mm)              | 19                             | 60    | •        | •    |
| *H12RT         | 1/2" (12.7mm)             | 30                             | 80    | •        | •    |
| *H12RTS        | 1/2" (12.7mm)             | 19                             | 70    | •        | •    |
| H122RT         | 1/2" (12.7mm)             | 50 (30mm cut)                  | 108   | •        | •    |
| H122RTL        | 1/2" (12.7mm)             | 50 (50mm cut)                  | 108   | •        | •    |
| *H58RT         | 5/8" (16 mm)              | 30                             | 70    | •        | •    |
| *H5860RT       | 5/8" (16mm)               | 60                             | 107   | •        | •    |
| 3/8 Tip        | 3/4" (19mm cut length)    | To suit: H38RT, H12RTS         | Wedge | •        | •    |
| 1/2 Tip        | 1 1/4" (30mm cut length)  | To suit: H12RT, H58RT          | Wedge | •        | •    |
| L9             | 9mm x 30mm                | To suit: H122RT                | Screw | •        | •    |
| L9L            | 9mm x 50mm                | To suit: H122RTL               | Screw | •        | •    |
| 5/8 Tip        | 1 1/4" (30 mm cut length) |                                | Wedge | •        | •    |
| 5/8 - 60 Tip   | 2 1/4" (60mm cut length)  |                                | Wedge | •        | •    |
| M2.5 x 4       | Torx screws               | To suit: H38RT, H12RTS         |       | •        | •    |
| M3 x 7         | Torx screws               | To suit: H12RT, H58RT, H5860RT |       | •        | •    |
| M3.5 x 5       | Torx screws               | To suit: H122RT, H122RTL       |       | •        | •    |
| Wedge 3/8      |                           |                                |       | •        | •    |
| Wedge 1/2-19   |                           |                                |       | •        | •    |
| Wedge 1/2      |                           |                                |       | •        | •    |
| Wedge 5/8      |                           |                                |       | •        | •    |
| Wedge 5/8 - 60 |                           |                                |       | •        | •    |

\* These cutters will accept the soft form tips, 3/8R Tip & 1/2 R Tip are ideal for cutting solid surface materials - please state when ordering.

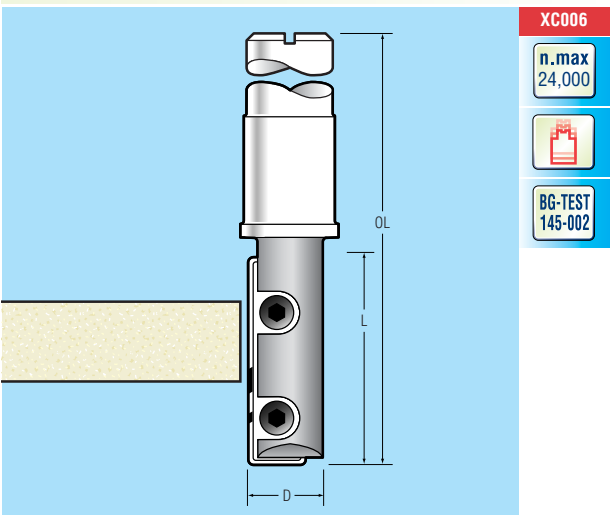


Torx Screwdriver  
Torx Schraubendreher  
Tournevis Torx

| Order Ref. No. | To suit               | Price |
|----------------|-----------------------|-------|
| T7 (red)       | H38RT, H12RTS         | •     |
| T9 (blue)      | H12RT, H58RT, H5860RT | •     |
| T15 (yellow)   | H122RT, H122RTL       | •     |

## TCT Single Flute Replacement Tip

WP Nutfräser HW Z=1  
Mèche à plaquette HW Z=1



This specially designed R.T. cutter has option to take top bearing and soft form tips. Tips are cross scored and secured by wedges.

| Order Ref. No. | Dmm  | Lmm | OLmm | TCT Shank |      |
|----------------|------|-----|------|-----------|------|
|                |      |     |      | 12mm      | 1/2" |
| XC006-9.5      | 9.5  | 19  | 88   | •         | •    |
| XC006-10       | 10   | 19  | 88   | •         | •    |
| XC006-12       | 12   | 30  | 99   | •         | •    |
| XC006-127      | 12.7 | 30  | 99   | •         | •    |

Standard accessories for cutter with 9.5 or 10mm diameter

|                      |                              |   |
|----------------------|------------------------------|---|
| 3/8 R Tip <b>New</b> | 19x5.5x1.5 with radius 1.5mm | • |
| M3 x 7               | T-star screws                | • |
| T7                   | T-star key                   | • |

Standard accessories for cutter with 12 or 12.7mm diameter

|                      |                              |   |
|----------------------|------------------------------|---|
| 1/2 R Tip <b>New</b> | 30x5.5x1.5 with radius 1.5mm | • |
| M2.5 x 6             | T-star screws                | • |
| T9                   | T-star key                   | • |

Optional accessories

|                        |                  |   |
|------------------------|------------------|---|
| PB30/12.7              | Ti-Tire® bearing | • |
| LC12                   | Locating Collar  | • |
| LS4                    | Locating Screw   | • |
| 2mm Locating Allen Key |                  | • |

## Note the following safety points:

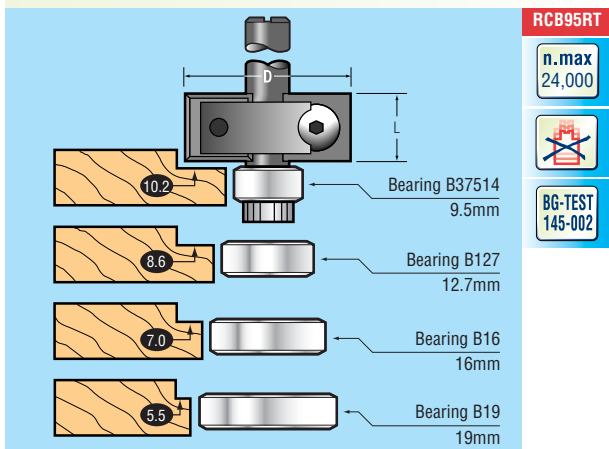
- Ensure that collets are clean and not worn. Worn collets cause vibration which cause breakages.
- Cutters must be inserted into the collet up to 3/4 of the shank length, i.e. P12 x 1/4 has 1 1/4" (32mm) shank length - ensure 25mm is inserted into collet and secure tightly, do not over tighten.
- Do not use 2" cut length cutters for short cut depths, i.e. H122 2" cut depth to produce 1/2" deep grooves, select shorter cut length Ref H12.
- Allow machine to run at full revs before attempting the cut.

- Even feed rates are required to prevent undue breakages.
- Workpieces must be clamped firmly and safely.
- Always wear protective goggles.
- Any cutter that does not perform satisfactorily or vibrates on cut or causes a high pitch screech when cutting - remove from machine and return to Titman's.
- Ensure your machine has a good extraction for operator safety and improve cutter performance.
- Do not exceed the recommended RPM marked on the cutter shank.

## TC Replacement Tip Rebate

Falzfräser mit Wendepplatten HW

Mèche à feuillurer avec plaquettes réversibles HW



This cutter is supplied with bearings B37514, B127, B16, B19. By changing the bearings supplied four different rebate depths are possible.

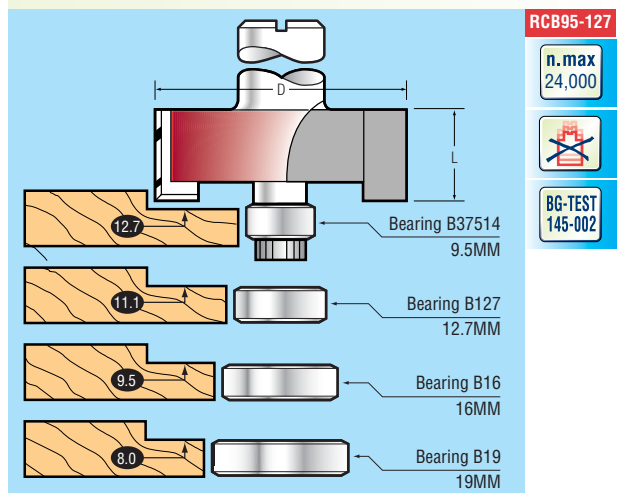
Ti-Tire bearings can be used - please state when ordering.

| Order Ref. No. | Dmm                       | Lmm | OLmm | TC Shank |     |      |
|----------------|---------------------------|-----|------|----------|-----|------|
|                |                           |     |      | 1/4"     | 8mm | 1/2" |
| RCB95RT        | 30                        | 12  | 44   | •        | •   | •    |
| B37514         | Replacement Bearing       |     |      |          |     | •    |
| B127           | Replacement Bearing       |     |      |          |     | •    |
| B16            | Replacement Bearing       |     |      |          |     | •    |
| B19            | Replacement Bearing       |     |      |          |     | •    |
| L12            | Replacement Tip 12x12x1.5 |     |      |          |     | •    |
| M4 x 6         | Torx Screw                |     |      |          |     | •    |
| T15            | Torx Screwdriver (yellow) |     |      |          |     | •    |

## TCT Rebate with Bearing Sets

Falzfräser HW Z=2 mit wechselbarem Anlauflager

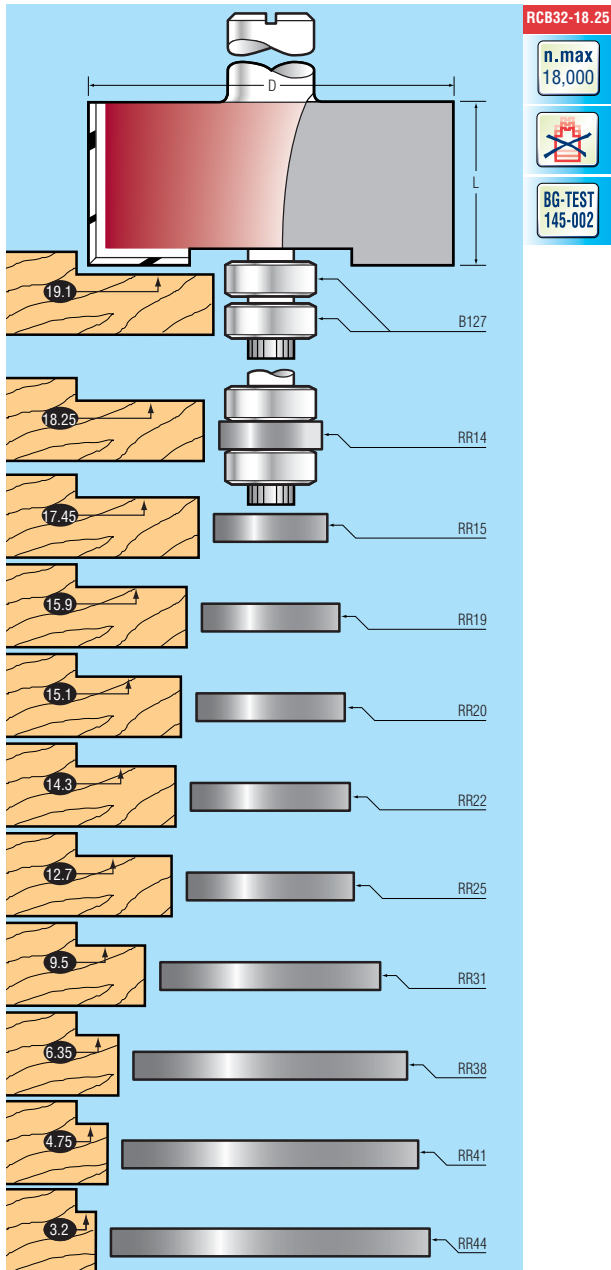
Mèche à feuillurer HW Z=2 avec guide à billes interchangeable



This cutter is supplied with bearings B37514, B127, B16, B19. By changing the bearings supplied four different rebate depths are possible.

Ti-Tire bearings can be used - please state when ordering.

| Order Ref. No. | Dmm                 | Lmm  | Shank Length | Bearing Diameter mm          | TCT Shank |     |      |
|----------------|---------------------|------|--------------|------------------------------|-----------|-----|------|
|                |                     |      |              |                              | 1/4"      | 8mm | 1/2" |
| RCB95-127      | 35                  | 12.7 | 40           | 9.5, 12.7, 16, 19            | •         | •   | •    |
| RCB95-127L     | 35                  | 12.7 | 60           | 9.5, 12.7, 16, 19 <b>new</b> | -         | -   | •    |
| B37514         | Replacement Bearing |      |              | 9.5                          |           |     | •    |
| B127           | Replacement Bearing |      |              | 12.7                         |           |     | •    |
| B16            | Replacement Bearing |      |              | 16                           |           |     | •    |



**RCB32-18.25**

n.max  
18,000

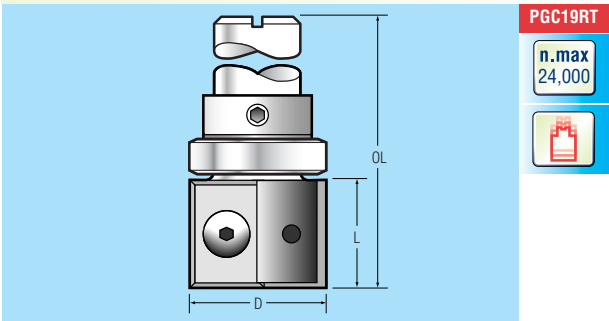
BG-TEST  
145-002

The RCB32-18-25 is supplied fitted with two bearings (B127) creating a rebate of 19.1mm. Add the bearing rings between the bearings to adjust the rebate depth.

| TCT Order Ref. No. | Dmm                 | Lmm             | Cmm        | TCT Shank 12mm | 1/2" |
|--------------------|---------------------|-----------------|------------|----------------|------|
| <b>RCB32-18.25</b> | 50.8                | 22.5            | 19.1       | •              | •    |
| Ref. No.           | Dmm                 | Rebate depth mm | Price each |                |      |
| <b>RR44</b>        | Replacement Ring    | 44.4            | 3.2        | •              |      |
| <b>RR41</b>        | Replacement Ring    | 41.3            | 4.75       | •              |      |
| <b>RR38</b>        | Replacement Ring    | 38.1            | 6.35       | •              |      |
| <b>RR31</b>        | Replacement Ring    | 31.7            | 9.5        | •              |      |
| <b>RR25</b>        | Replacement Ring    | 25.9            | 12.7       | •              |      |
| <b>RR22</b>        | Replacement Ring    | 22.0            | 14.3       | •              |      |
| <b>RR20</b>        | Replacement Ring    | 20.6            | 15.1       | •              |      |
| <b>RR19</b>        | Replacement Ring    | 19.1            | 15.9       | •              |      |
| <b>RR15</b>        | Replacement Ring    | 15.9            | 17.45      | •              |      |
| <b>RR14</b>        | Replacement Ring    | 14.3            | 18.45      | •              |      |
| <b>B127</b>        | Replacement Bearing | 12.7            | 19.1       | •              |      |

## Replacement Tip Profile Guide

Wendeplatten-Bündigräser mit Anlaufflager auf dem Schaft  
 Mèche à affleurer avec plaquettes réversibles et guide à bille  
 sur la queue



**PGC19RT**

n.max  
24,000

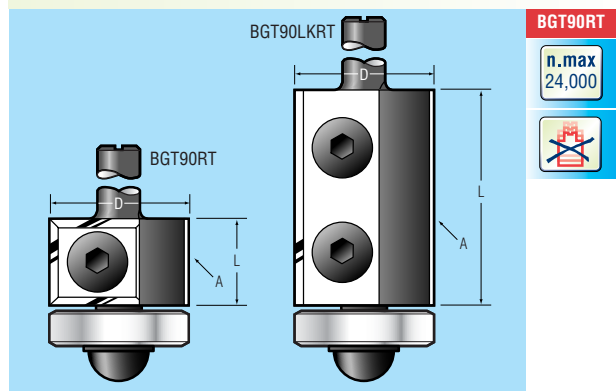
Ti-Tire bearings can be used - please state when ordering.

| Order Ref. No.   | Dmm                 | Bearing dia.mm | Lmm | OLmm | 8mm | 1/4" | 12mm | TCT Shank 12mm | 1/2" |
|------------------|---------------------|----------------|-----|------|-----|------|------|----------------|------|
| <b>PGC19RT</b>   | 19                  | 19             | 20  | 62   | •   | -    | •    | •              |      |
| <b>PGCS19RT</b>  | 19                  | 19             | 12  | 62   | -   | •    | -    | •              |      |
| <b>PGC1950RT</b> | 19                  | 19             | 50  | 94   | -   | -    | -    | •              |      |
| <b>B19</b>       | Replacement Bearing |                |     | 19   | •   |      | -    |                |      |
| <b>B1912</b>     | Replacement Bearing |                |     | 19   |     |      |      | •              |      |
| <b>L20-4</b>     | Replacement Tip     |                |     | 20   |     |      |      | •              |      |
| <b>L12</b>       | Replacement Tip     |                |     | 12   |     |      |      | •              |      |
| <b>L50-4</b>     | Replacement Tip     |                |     | 50   |     |      |      | •              |      |

Please note: 1/4" shank = 56mm OL

## TC Replacement Tip Guide Trimmers

Bündigräser mit Wendeplatten  
 Mèche à affleurer avec plaquettes réversibles



**BGT90RT**

n.max  
24,000

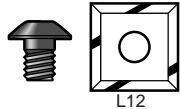
Replacement Tip Guide Trimmer with bearing guide and Replacement Solid Tungsten Turnover Knives.

L12 tip has four cutting edges.

Safe for portable machines of 800 watts and over.

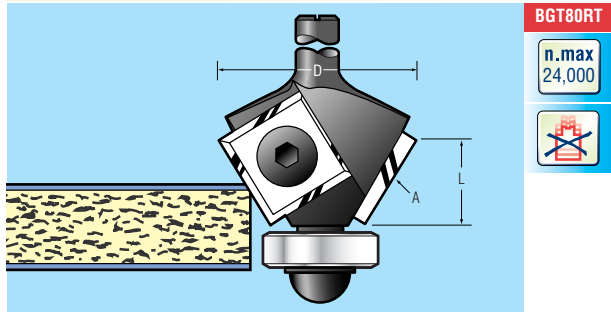
Ti-Tire bearings can be used - please state when ordering.

| Order Ref. No.   | Dmm                         | Lmm | A   | Bearing dia.mm | 6mm | 1/4" | 8mm | 12mm | TCT Shank 12mm | 1/2" |
|------------------|-----------------------------|-----|-----|----------------|-----|------|-----|------|----------------|------|
| <b>BGT90RT</b>   | 19                          | 12  | 90° | 19             | •   | •    | •   | -    | -              |      |
| <b>BGT90LKRT</b> | 19                          | 30  | 90° | 19             | -   | •    | •   | •    | •              |      |
| <b>B19</b>       | Replacement bearing         |     |     |                |     |      |     |      | •              |      |
| <b>L12</b>       | 12x12x1.5mm Replacement tip |     |     |                |     |      |     |      | •              |      |
| <b>L30</b>       | Replacement tip             |     |     |                |     |      |     |      | •              |      |



## TC Replacement Tip Chamfer

Fasefräser mit Wendepplatten und Anlaufleger  
 Mèche à chanfreiner a plaquettes réversibles et guide à bille



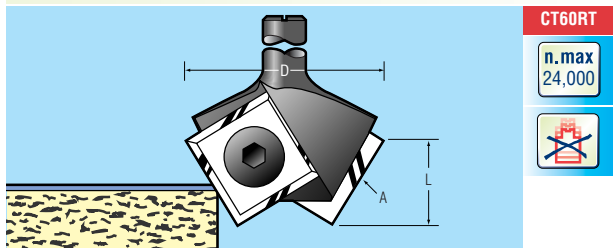
Replacement Tip Cutter with bearing. Safe for portable machines.  
 Ti-Tire bearings can be used - please state when ordering.

| Order Ref. No. | Dmm                         | Lmm | A   | Shank |      |     |
|----------------|-----------------------------|-----|-----|-------|------|-----|
|                |                             |     |     | 6mm   | 1/4" | 8mm |
| BGT80RT        | 22                          | 12  | 80° | •     | •    | •   |
| BGT60RT        | 28                          | 12  | 60° | •     | •    | •   |
| BGT45RT        | 32                          | 12  | 45° | •     | •    | •   |
| B16            | Replacement bearing         |     |     | •     |      |     |
| L12            | 12x12x1.5mm Replacement tip |     |     | •     |      |     |
| M4 x 6         | Torx screws                 |     |     | •     |      |     |
| T15            | Torx Screwdriver (yellow)   |     |     | •     |      |     |

| Cutter diameter      | Recommended maximum RPM |
|----------------------|-------------------------|
| 3 - 25mm ( 1/8 - 1") | 24,000                  |
| 25 - 50mm ( 1 - 2")  | 18,000                  |
| 50 - 75mm ( 2 - 3")  | 16,000                  |
| 75 - 100mm ( 3 - 4") | 12,000                  |

## TC Replacement Tip Chamfer

Fasefräser mit Wendepplatten  
 Mèche à chanfreiner a plaquettes réversibles

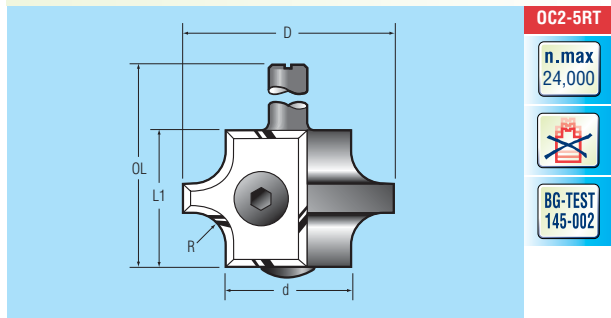


This series of Replacement Tip Cutters is a new edition to the Titman RT Range giving all angles required to produce bevels on Formica, melamine and top trimming PVC on small edge banding machines.

| Order Ref. No. | Dmm                         | Lmm | A   | TCT Shank |      |     |
|----------------|-----------------------------|-----|-----|-----------|------|-----|
|                |                             |     |     | 6mm       | 1/4" | 8mm |
| CT22RT         | 23                          | 12  | 22° | •         | •    | •   |
| CT45RT         | 25                          | 12  | 45° | •         | •    | •   |
| CT60RT         | 24                          | 12  | 60° | •         | •    | •   |
| CT80RT         | 22                          | 12  | 80° | •         | •    | •   |
| CT90RT         | 23                          | 12  | 90° | •         | •    | •   |
| L12            | 12x12x1.5mm Replacement tip |     |     |           |      | •   |

## TCT Rounding & Chamfering

Abrundfräser mit Wendepplatten  
 Mèches à plaquettes 1/4 de Rond

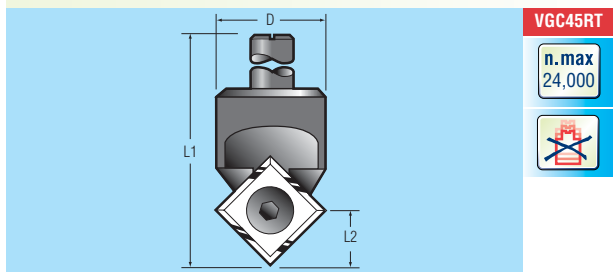


Rounding and chamfering of edge bands for use on solid wood and plastics.  
 Please state tip type needed at time or order.

| Order Ref. No. | Dmm             | d mm | L1mm  | L2mm      | Rmm | OLmm | TCT Shank |      |
|----------------|-----------------|------|-------|-----------|-----|------|-----------|------|
|                |                 |      |       |           |     |      | 1/4"      | 1/2" |
| OC2-5RT        | 30.8            | 8    | 18.85 | 22        | 2-5 | 43   | new       | •    |
| RT-OC1         | Replacement tip |      |       | 45° bevel |     |      |           | •    |
| RT-OC2         | Replacement tip |      |       | 2         |     |      |           | •    |
| RT-OC3         | Replacement tip |      |       | 3         |     |      |           | •    |
| RT-OC4         | Replacement tip |      |       | 4         |     |      |           | •    |
| RT-OC5         | Replacement tip |      |       | 5         |     |      |           | •    |

## TC Ornamental Engraving Groove

Gravür- und Ziernutenfräser mit Wendepplatten  
 Mèche à plaquette a graver a rainner



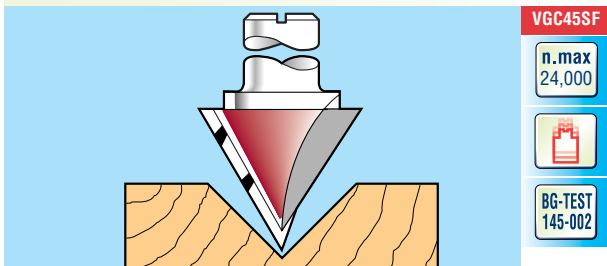
Single flute, for cutting of inscriptions, ornamental grooves and engraving on CNC machines for use in solid wood and panel materials.  
 Negative shear angle allows chip free cutting.

| Order Ref. No. | Dmm                        | dmm | L1mm | L2mm | TCT Shank |      |
|----------------|----------------------------|-----|------|------|-----------|------|
|                |                            |     |      |      | 1/4"      | 1/2" |
| VGC45RT        | 17                         | 10  | 48   | 8.3  | •         | •    |
| L12            | Replacement Turnover Knife |     |      |      |           | •    |

Replacement Tip & Non-Soft

## TCT 'V' Grooving

V-Nutfräser/Schriftenfräser HW Z=1  
Mèche à rainurer en V HW

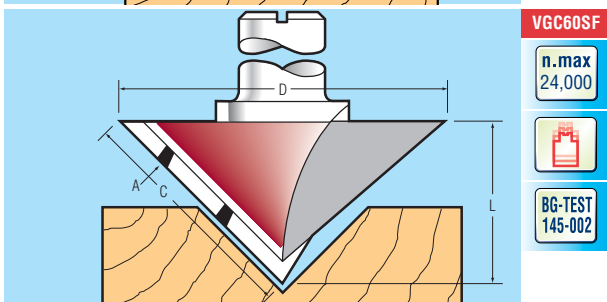


VGC45SF

n. max  
24,000



BG-TEST  
145-002



VGC60SF

n. max  
24,000



BG-TEST  
145-002

The new VGC60SF and VGC45SF are single flute cutters and have been designed to cut to a point, without leaving a flat at the bottom of the groove.

Can be used for chamfering or deep groove work. **VGC45SF** - this cutter is suitable for all types of 'V' grooving including folding joints and cuts to a point.

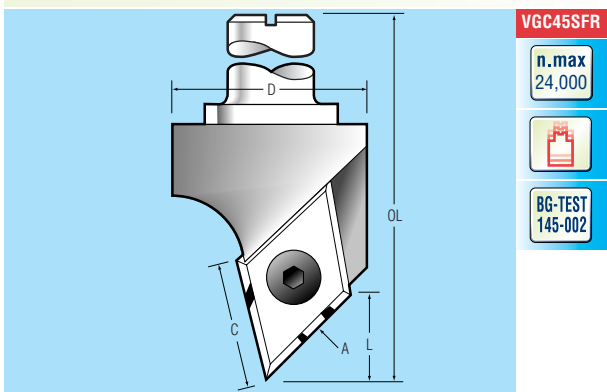
**Do not** resharpen on the front face. Lightly regrind the cutter back relief only. Recommended for CNC controlled feed to avoid point breakage.

### TCT

| Order Ref. No. | Dmm | Lmm | A   | Bevel C | 1/4" | TCT Shank 8mm | 3/8" | 12mm | 1/2" |
|----------------|-----|-----|-----|---------|------|---------------|------|------|------|
| VGC60SF        | 26  | 21  | 60° | 32      | •    | -             | -    | •    | •    |
| VGC45SF        | 44  | 21  | 45° | 32      | •    | -             | -    | •    | •    |

## TCT 'V' Grooving

45° V-Nutfräser mit Wechselplatte Z=1  
Mèche à plaquettes à rainurer



VGC45SFR

n. max  
24,000



BG-TEST  
145-002

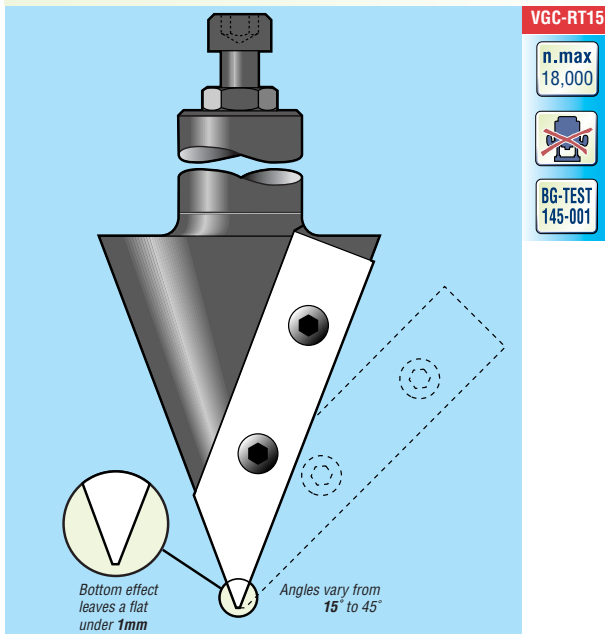
This single flute RT cutter has been designed to cut to a point, without leaving a flat.

| Order Ref. No. | Dmm                       | Lmm  | A   | OL | TCT Shank 12mm | 1/2" |   |
|----------------|---------------------------|------|-----|----|----------------|------|---|
| VGC45SFRT      | 27                        | 13.5 | 45° | 80 | •              | •    |   |
| 45RT           | Replacement tip           |      |     |    |                |      | • |
| M4 x 6         | Torx Screws               |      |     |    |                |      | • |
| T15            | Torx Screwdriver (yellow) |      |     |    |                |      | • |

## TC Replacement Tip for 'V' Grooving and Tracery work

V-Nutfräser mit Wechselplatte Z=1

Mèche à rainurer en V à plaquettes réversible Z=1



VGC-RT15

n. max  
18,000

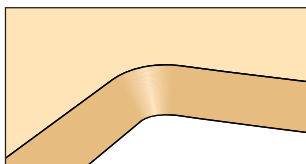


BG-TEST  
145-001

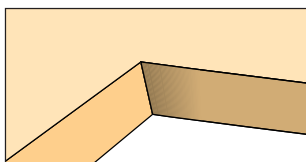
Cutters are designed for engraving, corner forming, lattice and tracery work.

Titman Tip Tools offer 'V' Grooving cutters in other increments, please advise angle required.

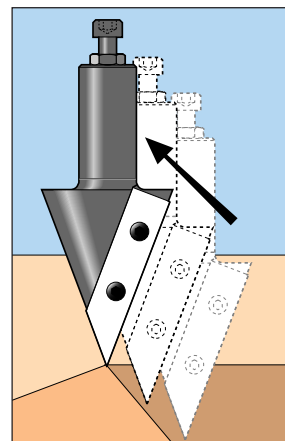
| Order Ref. No.                          | Maximum Dmm               | D2                | Maximum Lmm | A     | Price Each |
|---|---------------------------|-------------------|-------------|-------|------------|
| VGC-RT15                                | 25                        | 16/20/25mm x 55mE | 46          | 15°   | •          |
| VGC-RT20                                | 38                        | 16/20/25mm x 55mE | 45          | 20°   | •          |
| VGC-RT22.5                              | 40                        | 16/20/25mm x 55mE | 44          | 22.5° | •          |
| VGC-RT25                                | 45                        | 16/20/25mm x 55mE | 43          | 25°   | •          |
| VGC-RT30                                | 50                        | 16/20/25mm x 55mE | 42          | 30°   | •          |
| VGC-RT35                                | 60                        | 16/20/25mm x 55mE | 40          | 35°   | •          |
| VGC-RT45                                | 66                        | 16/20/25mm x 55mE | 32          | 45°   | •          |
| <b>Replacement Blade</b> (State cutter) |                           |                   |             |       |            |
| M4 x 6                                  | Dome head Torx Screw      |                   |             |       | •          |
| T15                                     | Torx Screwdriver (yellow) |                   |             |       | •          |



Using a normal angle cutter, the corners produced have a radius.



With special programming, the VGC can produce a perfect right-angle corner.

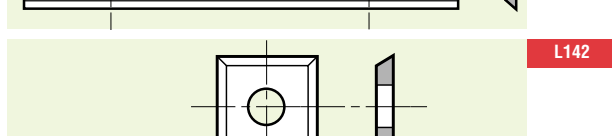
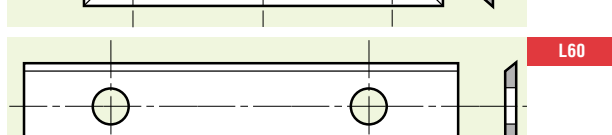
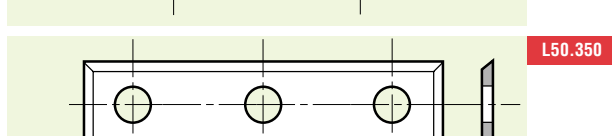
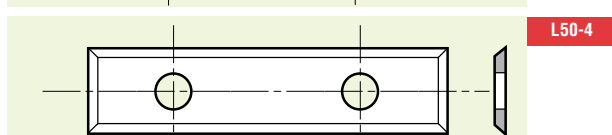
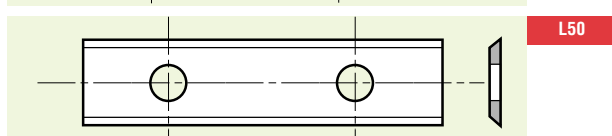
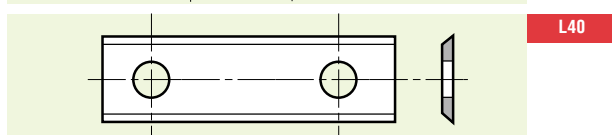
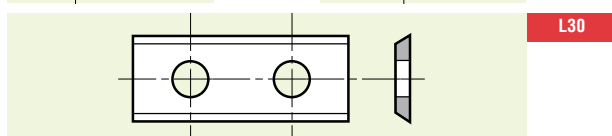
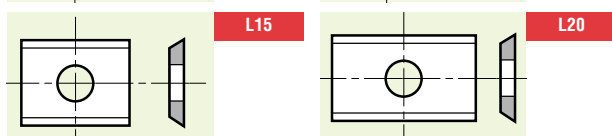
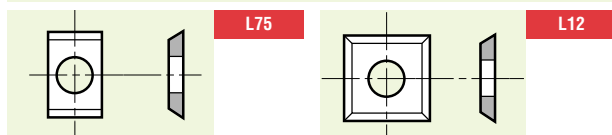
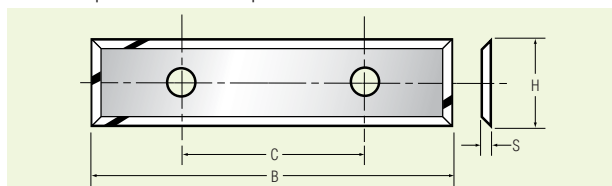


# Replacement Tip Turnover Knives

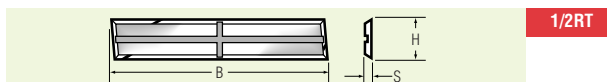
Hartmetall - Wendemesser

Plaquettes réversibles au carbure

The range of Turnover Knives used in the Titman **Heavy Duty** Replacement Tip Cutters. They are supplied in minimum quantities of 10 knives. Soft Form tips also available - enquire with sales.

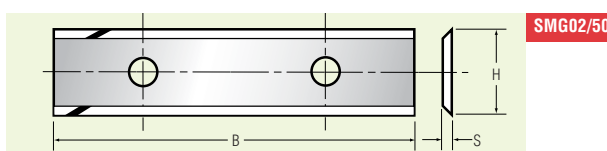


| Order Ref. No. | Bmm | Hmm | Smm | Cmm   | Cutting Edges | Price   |   |
|----------------|-----|-----|-----|-------|---------------|---------|---|
| L7.5           | 7.5 | 12  | 1.5 | -     | 2             | •       |   |
| L11R           | 11  | 11  | 4   | -     | 2             | •       |   |
| L11LR          | 20  | 11  | 4   | -     | 2             | •       |   |
| L12            | 12  | 12  | 1.5 | -     | 4             | •       |   |
| L15            | 15  | 12  | 1.5 | -     | 2             | •       |   |
| L16            | 16  | 7   | 1.5 | -     | 2             | •       |   |
| L20            | 20  | 12  | 1.5 | -     | 2             | •       |   |
| L28            | 28  | 7   | 1.5 | -     | 2             | •       |   |
| L30            | 30  | 12  | 1.5 | 14    | 2             | •       |   |
| RT30           | 30  | 5.5 | 1.1 | -     | 2             | •       |   |
| L8             | 30  | 8   | 1.5 | -     | 2             | •       |   |
| L9             | 30  | 9   | 1.5 | -     | 2             | •       |   |
| L9L            | 50  | 9   | 1.5 | -     | 2             | •       |   |
| L40            | 40  | 12  | 1.5 | 26    | 2             | •       |   |
| L50            | 50  | 12  | 1.5 | 26    | 2             | Rebate  | • |
| RT50           | 50  | 5.5 | 1.1 | -     | 2             | •       |   |
| L60            | 60  | 12  | 1.5 | 26    | 2             | •       |   |
| L142           | 14  | 14  | 2   | -     | 4             | Scriber | • |
| L20-4          | 20  | 12  | 1.5 | -     | 4             | •       |   |
| L30-4          | 30  | 12  | 1.5 | 14    | 4             | •       |   |
| L40-4          | 40  | 12  | 1.5 | 26    | 4             | •       |   |
| L50-4          | 50  | 12  | 1.5 | 26    | 4             | •       |   |
| L50.350        | 50  | 12  | 1.7 | 18+18 | 4             | •       |   |
| L60-4          | 60  | 12  | 1.5 | 26    | 4             | •       |   |



This range of Turnover Knives are used in the Titman Replacement Tip Cutters. All tips have bottom cutting edge for plunging facility and a cross slot for positive location.

| Order Ref. No. | Bmm | Hmm | Smm | Cutting Edges | Price |
|----------------|-----|-----|-----|---------------|-------|
| 3/8-RT         | 19  | 5.5 | 1.1 | 2             | •     |
| 1/2-RT         | 30  | 5.5 | 1.1 | 2             | •     |
| 5/8-RT         | 30  | 8   | 1.5 | 2             | •     |
| 5/8-60-RT      | 60  | 8   | 1.5 | 2             | •     |



The SMG02 Range is manufactured from a special grade of carbide which gives a longer life when used on MDF. **Not recommended for use on chipboard.**

| Order Ref. No. | Bmm | Hmm | Smm | Cmm | Cutting Edges | Price |
|----------------|-----|-----|-----|-----|---------------|-------|
| SMG02/20       | 20  | 12  | 1.5 | -   | 2             | •     |
| SMG02/30       | 30  | 12  | 1.5 | 14  | 2             | •     |
| SMG02/50       | 50  | 12  | 1.5 | 26  | 2             | •     |



Replacement knives



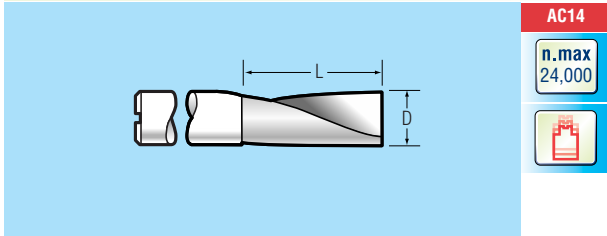
# Solid Carbide Spiral Router Cutters

28

Solid Carbide Spirals

## Two Flute • Acrylic – Helical Flute

Acrylfräser VHW Z=2  
Mèche pour PVC HM Z=2



The accepted solid carbide cutter for machining and routing acrylics, plastics, solid surface and perspex. The helical cut gives a much easier lead into the material preventing snatching and chipping on cut. Perfect preparation before flame polishing of Perspex. Downcut for chip-free finish on MFC.

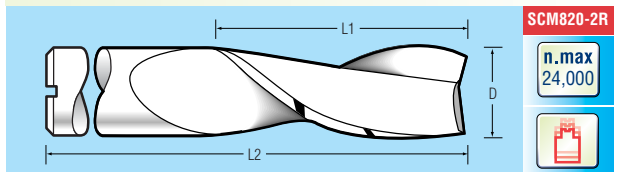
\*DC denotes downcut. For use on very fine acrylics where downward cutting action will prevent vibration and component lifting.

### STC

| Order Ref. No. | Dmm  | Lmm  | TC Shank |      |     |      |
|----------------|------|------|----------|------|-----|------|
|                |      |      | 3mm      | 1/4" | 8mm | 3/8" |
| AC1.5          | 1.5  | 6    | •        | -    | -   | -    |
| AC2            | 2    | 8    | •        | -    | -   | -    |
| AC2.5          | 2.5  | 10   | •        | -    | -   | -    |
| AC3            | 3    | 12   | •        | •    | -   | -    |
| AC4            | 4    | 14   | -        | •    | -   | -    |
| AC5            | 5    | 19   | -        | •    | -   | -    |
| AC6            | 6    | 19   | -        | •    | -   | -    |
| AC1412         | 6.35 | 12.7 | -        | •    | -   | -    |
| AC14           | 6.35 | 19   | -        | •    | -   | -    |
| AC8            | 8    | 25   | -        | -    | •   | -    |
| AC38           | 9.5  | 25   | -        | -    | -   | •    |
| <b>Downcut</b> |      |      |          |      |     |      |
| AC1.5DC        | 1.5  | 5    | •        | -    | -   | -    |
| AC2DC          | 2    | 6    | •        | -    | -   | -    |
| AC2.5DC        | 2.5  | 7    | •        | -    | -   | -    |
| AC3DC          | 3    | 12   | •        | -    | -   | -    |
| AC14DC*        | 6.3  | 3/4" | -        | •    | -   | -    |
| AC38DC*        | 9.5  | 25   | -        | -    | -   | •    |

## STC Upcut Spiral - 2 flute

SchlichFräser VHW Z=2 Rechts drall  
Mèches de Finition HM Z=2 coupe positive



**Solid Tungsten Carbide.** For general routing of all board types. Upcut spiral ensures fast chip removal and fine finish on workpiece. The board must be adequately clamped to avoid movement when routing.

Maximum RPM 18000 - 24000  
Feed speed range 5 - 15 metres per minute  
Tolerances + or - 0.004"

Equivalent imperial sizes available, upon request.

Please Note: For this group of spiral cutters, 'D' equals diameter of cut and diameter of shank.

| Order Ref. No. | Dmm  | L1mm  | L2mm | Shank dia. mm |
|----------------|------|-------|------|---------------|
| SCM820-2R      | 8    | 25    | 64   | 8             |
| SCM381-2R      | 9.5  | 25.4  | 76   | 9.5           |
| SCM3814-2R     | 9.5  | 31.75 | 76   | 9.5           |
| SCM1025-2R     | 10   | 25    | 70   | 10            |
| SCM1235-2R     | 12   | 35    | 76   | 12            |
| SCM121-2R      | 12.7 | 28.6  | 76   | 12.7          |
| SCM122-2R      | 12.7 | 57    | 101  | 12.7          |
| SCM12730-2R    | 12.7 | 31.75 | 89   | 12.7          |
| SCM12740-2R    | 12.7 | 40    | 89   | 12.7          |
| SCM1430-2R     | 14   | 30    | 75   | 14            |
| SCM1450-2R     | 14   | 50    | 88   | 14            |
| SCM58-2R       | 15.9 | 31.75 | 89   | 15.9          |
| SCM582-2R      | 15.9 | 42.3  | 89   | 15.9          |
| SCM1640-2R     | 16   | 40    | 88   | 16            |
| SCM1655-2R     | 16   | 55    | 100  | 16            |
| SCM1835-2R     | 18   | 35    | 90   | 18            |
| SCM1860-2R     | 18   | 60    | 120  | 18            |
| SCM34-2R       | 19   | 32.75 | 110  | 19            |
| SCM342-2R      | 19   | 42.3  | 101  | 19            |
| SCM2060-2R     | 20   | 60    | 120  | 20            |



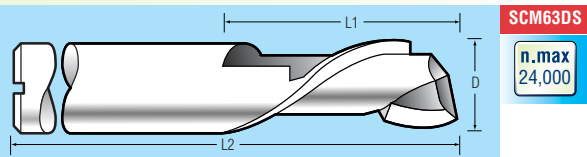
Telephone: +44 (0)1255 220123 Fax: +44 (0)1255 221422

Corian® is a DuPont registered trademark

## STC Dual Spiral

Dual Schnitt

Coupe positive et négative



**Up/Down Cutting Action.** Upcut/downcut geometry makes possible single flute cutting speeds with optimum edge finish on both sides of laminated, veneered and solid surface materials, hardwood and wood composites.

**Solid Tungsten Carbide.**

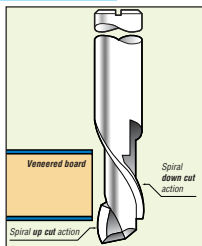
For feed rates 8 - 10 m per minute.

For the cleanest finish possible on double sided veneered boards.

Ideal cutter for point to point CNC routing machines.

Also available in double flute.

DD= Double Flute. DS = Single Flute

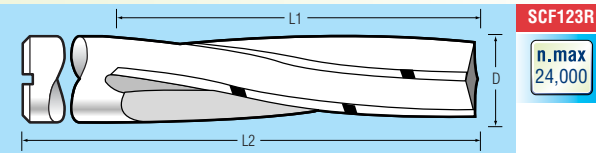


| Order Ref. No. | D    | L1 | L2  | No. of flutes | Shank dia. mm |
|----------------|------|----|-----|---------------|---------------|
| SCM6DS         | 6    | 25 | 64  | 1             | 6             |
| SCM63DS        | 6.3  | 22 | 64  | 1             | 6.3           |
| SCM95DS        | 9.5  | 28 | 76  | 1             | 9.5           |
| SCM38DD        | 9.5  | 28 | 76  | 2             | 9.5           |
| SCM10DS        | 10.0 | 25 | 65  | 1             | 10.0          |
| SCM12DS        | 12.0 | 25 | 65  | 1             | 12.0          |
| SCM12LDS       | 12.0 | 25 | 75  | 1             | 12.0          |
| SCM127DS       | 12.7 | 25 | 76  | 1             | 12.7          |
| SCM127DD       | 12.7 | 25 | 75  | 2             | 12.7          |
| SCM127LDS      | 12.7 | 41 | 89  | 1             | 12.7          |
| SCM127LDD      | 12.7 | 41 | 89  | 2             | 12.7          |
| SCM127DU-4LR   | 12.7 | 51 | 102 | 4             | 12.7          |
| SCM58DD        | 15.9 | 57 | 127 | 2             | 15.9          |
| SCM16DS        | 16   | 55 | 100 | 1             | 16            |
| SCM19DS        | 19   | 50 | 101 | 1             | 19            |
| SCM34DD        | 19   | 47 | 101 | 2             | 19            |
| SCM342DD       | 19   | 63 | 125 | 2             | 19            |

## STC Slow Spiral

Schlichtfräser VHW mit geringem Drallwinkel

Mèche de super Finition



**3 Flute Cutter with Smooth Finish. Solid Tungsten Carbide.** For high feed rates (8 - 10 metre), but with extra smooth finish on solid surface, hardwoods and softwoods. For leaving a finished cut straight from the routing machine.

### UPCUT

| Order Ref. No. | Dmm  | L1mm | L2mm | Shank dia. mm |
|----------------|------|------|------|---------------|
| SCF123R        | 12.7 | 41   | 101  | 12.7          |
| SCF12L3R       | 12.7 | 54   | 115  | 12.7          |
| SCF163R        | 16   | 55   | 120  | 16            |
| SCF193R        | 19   | 55   | 127  | 19            |

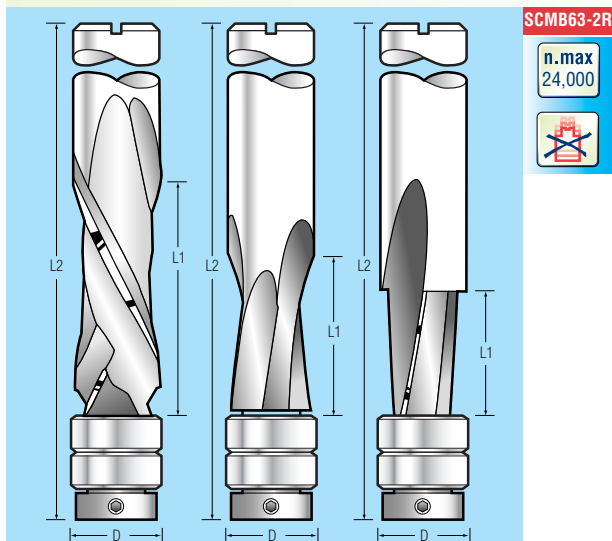
### DOWNCUT

| Order Ref. No. | Dmm  | L1mm | L2mm | Shank dia. mm |
|----------------|------|------|------|---------------|
| SCF123L        | 12.7 | 41   | 101  | 12.7          |
| SCF12L3L       | 12.7 | 54   | 115  | 12.7          |
| SCF163L        | 16   | 55   | 120  | 16            |
| SCF193L        | 19   | 55   | 127  | 19            |

## STC Plastic Trim - Double Bearing

Bündigfräser VHW mit Doppel-Anlaufring

Mèche pour Plastique et Corian® - Double roulement



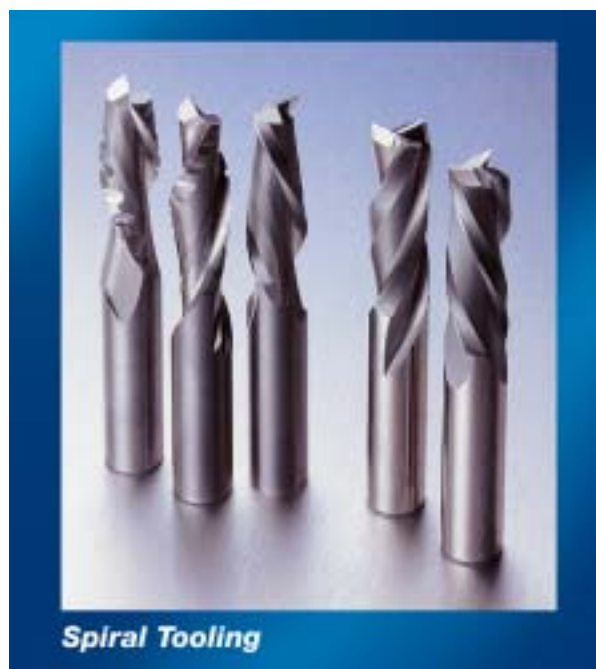
**Solid Tungsten Carbide.** For solid surface and stacked sheets plastic. The double bearing guide ensures smooth cutting action around the template.

\*SCMB127-3D up/down compression spiral.

| Order Ref. No. | Dmm  | Lmm  | OALmm | Flutes | Shank dia. |
|----------------|------|------|-------|--------|------------|
| SCMB63-2R      | 6.3  | 19   | 76.2  | 2      | 6.3/1/4"   |
| SCMB127-2R     | 12.7 | 28.5 | 101.6 | 2      | 12.7/1/2"  |
| SCMB127-3D*    | 12.7 | 28.5 | 101.6 | 3      | 12.7/1/2"  |

### Replacement Bearing Kits

| Order Ref. No. | Kit to suit |
|----------------|-------------|
| B63-2R Kit     | SCMB63-2R   |
| B127-2R Kit    | SCMB127-2R  |
| B127-3D Kit    | SCMB127-3D  |



Spiral Tooling



## Torx Screwdrivers

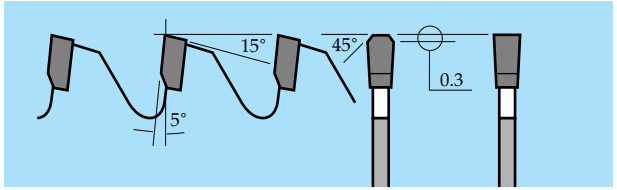
Torx Schraubendreher  
Clé Torx



| Order Ref. No.       | Colour |
|----------------------|--------|
| T7 Torx Screwdriver  | Red    |
| T9 Torx Screwdriver  | Blue   |
| T15 Torx Screwdriver | Yellow |

## TCT Optimal Circular Sawblade

Kreissägeblatt HW mit negativem Spanwinkel  
Lame circulaire HW Optimal pour Corian® trapézoïdale  
platte négative



With negative hook angle for a basic cut on thicker Corian® or more than one sheet.

| Order Ref. No. | D   | B   | b   | d  | Z      |
|----------------|-----|-----|-----|----|--------|
| 1.511.250.30   | 250 | 3.2 | 2.6 | 30 | 60 FTN |
| 1.511.250.32   | 250 | 3.2 | 2.6 | 32 | 60 FTN |
| 1.511.300.30   | 300 | 3.2 | 2.6 | 30 | 72 FTN |
| 1.511.350.30   | 350 | 3.2 | 2.6 | 30 | 84 FTN |
| 1.511.350.32   | 350 | 3.3 | 2.6 | 32 | 84 FTN |
| 1.511.350.40   | 350 | 3.3 | 2.6 | 40 | 84 FTN |
| 1.511.400.30   | 400 | 3.8 | 3.2 | 30 | 96 FTN |
| 1.511.400.32   | 400 | 3.8 | 3.2 | 32 | 96 FTN |
| 1.511.400.40   | 400 | 4.0 | 3.2 | 40 | 96 FTN |
| 1.511.400.50   | 400 | 4.0 | 3.2 | 50 | 96 FTN |

30

## Worktop Jig - Ali-Jig

Arbeitsflächenschablone  
Gabarit de plan de travail

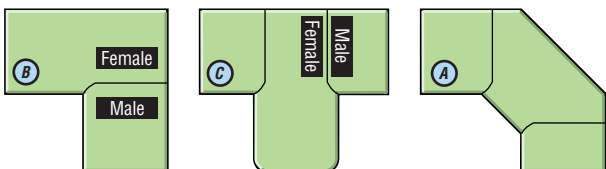


Titman's NEW Aluminium Jig - Designed by fitters, used by fitters.

Stronger and more versatile than normal compact jigs.

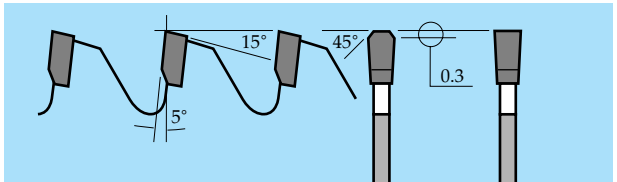
- Precision manufactured in 8mm tough Aluminium.
- Cuts male and female sections, see B.
- For use on any size worktop, with suitable straight edge.
- Three pins included. • Complete with full instructions.
- Use only with 30mm guide bush. (Nylon preferred, not included - contact sales)
- Use with Titman Cutter H122\* 1/2 shank (supplied), or Corian® cutter XC016-12.7.
- Radius corner incorporated, see C.
- 45° and 90° joints can be cut, see A.
- Cuts bolt slots. • Cuts hole for 35mm cabinet hinge.

| Order Ref. No. |
|----------------|
| Ali-Jig        |
| Ali-Pins       |



## TCT Super Circular Sawblade

Kreissägeblatt HW Super  
Lame circulaire HW Haute définition pour Corian®  
trapézoïdale platte négative



With negative hook angle. Increase number of teeth for the best finish on single sheets.

| Order Ref. No. | D   | B   | b   | d  | Z       |
|----------------|-----|-----|-----|----|---------|
| 1.521.216.30   | 215 | 3.0 | 2.2 | 30 | 80 FTN  |
| 1.521.220.30   | 220 | 3.0 | 2.2 | 30 | 64 FTN  |
| 1.521.250.30   | 250 | 3.2 | 2.6 | 30 | 80 FTN  |
| 1.521.250.32   | 250 | 3.2 | 2.6 | 32 | 80 FTN  |
| 1.521.250.40   | 250 | 3.2 | 2.6 | 40 | 80 FTN  |
| 1.521.275.40   | 275 | 3.2 | 2.6 | 40 | 88 FTN  |
| 1.521.300.30   | 300 | 3.2 | 2.6 | 30 | 96 FTN  |
| 1.521.300.32   | 300 | 3.2 | 2.6 | 32 | 96 FTN  |
| 1.521.330.30   | 330 | 3.2 | 2.6 | 30 | 96 FTN  |
| 1.521.330.32   | 330 | 3.2 | 2.6 | 32 | 96 FTN  |
| 1.521.350.30   | 350 | 3.2 | 2.6 | 30 | 108 FTN |
| 1.521.350.32   | 350 | 3.2 | 2.6 | 32 | 108 FTN |
| 1.521.380.32   | 380 | 3.6 | 3.0 | 32 | 110 FTN |
| 1.521.400.30   | 400 | 3.8 | 3.2 | 30 | 120 FTN |



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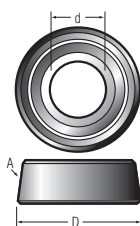
## Ti-Tire Bearings

Stahlkugellager, Kunststoff-ummantelt  
Roulements à billes en acier, nylon



### Ti-Tire® Plastic Bearings

| Order Ref. No. | Dmm  | Shank hole dia. d |
|----------------|------|-------------------|
| PB127/3.175    | 12.7 | 3.175mm           |
| PB127          | 12.7 | 6.35mm            |
| PB16           | 16   | 6.35mm            |
| PB16/12.7      | 16   | 12.7mm            |
| PB18           | 18   | 6.35mm            |
| PB19           | 19   | 6.35mm            |
| PB20           | 20   | 6.35mm            |
| PB22           | 22   | 6.35mm            |
| PB25           | 25   | 6.35mm            |
| PB25/9.5       | 25   | 9.5mm             |
| PB25/12        | 25   | 12mm              |
| PB25/12.7      | 25   | 12.7mm            |
| PB28/8         | 28   | 8mm               |
| PB28/9.5       | 28   | 9.5mm             |
| PB28/12        | 28   | 12mm              |
| PB28/12.7      | 28   | 12.7mm            |
| PB30/12.7      | 30   | 12.7mm            |



### Ti-Tire® Tapered Bearings

| Order Ref. No. | Dmm | Shank hole dia. dmm | A   |
|----------------|-----|---------------------|-----|
| TB20           | 20  | 6.35                | 11° |
| TB22/6         | 22  | 6.35                | 6°  |
| TB22/9         | 22  | 6.35                | 9°  |
| TB22/12        | 22  | 6.35                | 12° |
| TB22/15        | 22  | 6.35                | 15° |
| TB22/18        | 22  | 6.35                | 18° |
| TB25           | 25  | 9.5                 | 11° |



### Ti-Tire® Radiused Bearings

| Order Ref. No. | Dmm  | Shank hole dia. dmm |
|----------------|------|---------------------|
| PB-R127/6.35   | 12.7 | 6.35                |
| PB-R19/6.35    | 19   | 6.35                |
| PB-R254/6.35   | 25.4 | 6.35                |

Other Bearings are available - Please contact sales office.

## Screws, Nuts, Washers & Allen Keys

Schrauben, Muttern, V-Scheiben, Schlüssel  
Clés de Serrage



| Order Ref. No.               |                          |
|------------------------------|--------------------------|
| M4 Screw                     |                          |
| M4 Washer                    |                          |
| M3.5 x 5 Coned               | To suit H122RT, H122RTL  |
| M4 x 6 Dome Head Torx Screw  | To suit 18-22mm diameter |
| M4 x 6 Taper Head Torx Screw |                          |
| Lock Nut                     |                          |
| 2mmAK                        | Allen Key                |
| 3mmAK                        | Allen Key                |
| C12.7                        | Replacement Collar       |
| C16                          | Replacement Collar       |
| C19                          | Replacement Collar       |
| C22                          | Replacement Collar       |
| C25                          | Replacement Collar       |
| C35                          | Replacement Collar       |
| C3512                        | Replacement Collar       |
| C875                         | Replacement Collar       |

## Reduction Sleeves

Reduzierhülsen  
Bagues de Réduction



| Order Ref. No. | To fit shank | To fit Collet |
|----------------|--------------|---------------|
| 6-1/2          | 6mm          | 1/2"          |
| 6-10           | 6mm          | 10mm          |
| 6-12           | 6mm          | 12mm          |
| 6-8            | 6mm          | 8mm           |
| 1/4-1/2        | 1/4"         | 1/2"          |
| 1/4-10         | 1/4"         | 10mm          |
| 1/4-12         | 1/4"         | 12mm          |
| 1/4-3/8        | 1/4"         | 3/8"          |
| 1/4-8          | 1/4"         | 8mm           |
| 8-1/2          | 8mm          | 1/2"          |
| 8-10           | 8mm          | 10mm          |
| 8-12           | 8mm          | 12mm          |
| 3/8-12         | 3/8"         | 12mm          |
| 3/8-1/2        | 3/8"         | 1/2"          |
| 10-1/2         | 10mm         | 1/2"          |
| 10-12          | 10mm         | 12mm          |
| 1/2-14         | 1/2"         | 14mm          |
| 1/2-16         | 1/2"         | 16mm          |



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*Titman is a manufacturer selling and producing the complete range of TCT Router Cutters. Independent tests have proven Titman Router Cutters to be one of the longest lasting and most durable cutters available anywhere in the world.*



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