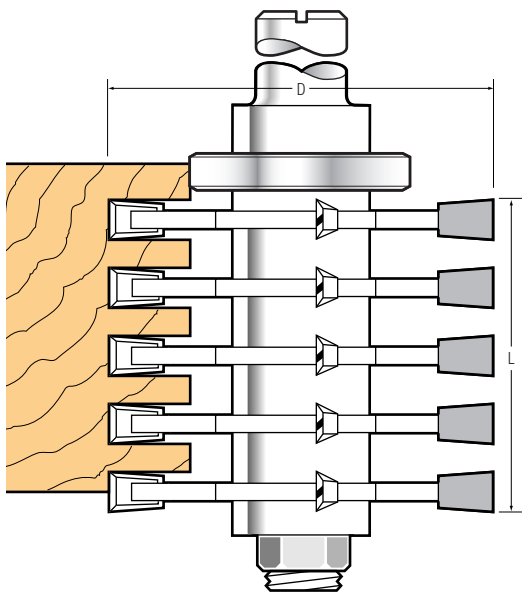


# Jointing Cutters

## TCT Box Joint with bearing



**BJC1**

n.max  
18,000



BG-TEST  
145-001

A set consists of 5, 4mm Kerf, 4 wing Groovers. Produces a neat box joint, perfect for small boxes, instrument cases etc. To suit timber widths 24, 32, & 40mm. Fixed head machines only - **not on portables**.

Order Ref. No.	Dmm	Lmm	Bearing Dia	Kerf mm	Shank 1/2"
BJC1	50	40	B30,B32, B37	4	£150.00
B30	Replacement Bearing to suit 9.5mm thick material				£8.00
B32	Replacement Bearing to suit 8-9.5mm thick material				£8.00
B37	Replacement Bearing to suit 6.3mm thick material				£8.00
BJA	Replacement Arbor				£15.00

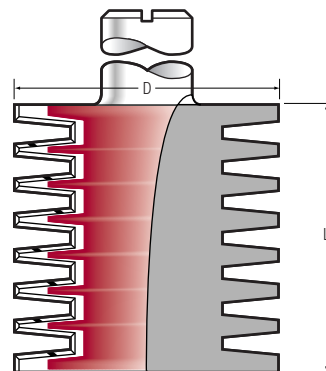
### Titman Tip

Cutter sets are supplied with 3 bearings and 4 x 4mm spacers. We recommend that all timber ends are cut perfectly square to ensure accurate assembly. For further assistance please contact Titman's Technical Department.

## TCT Miniature Finger Jointing

These cutters are extremely fragile.

Please use with care.



**MFJ30**

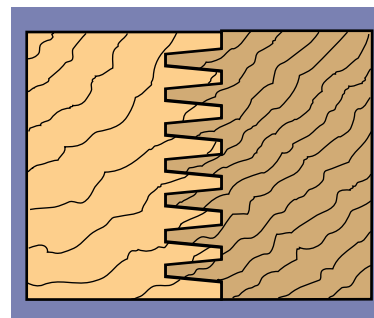
n.max  
18,000



BG-TEST  
145-001

Ideal for jointing together expensive timbers, for use on specialist work, i.e. laboratory cases, clock cases and furniture made from rosewood, afromosia and quality hardwoods. Maximum timber thickness 30-32mm. Fixed head machines only - **not on portables**.

The MFJ 25 x 1/4" is ideal for smaller 1/4" shank capacity routing machines.



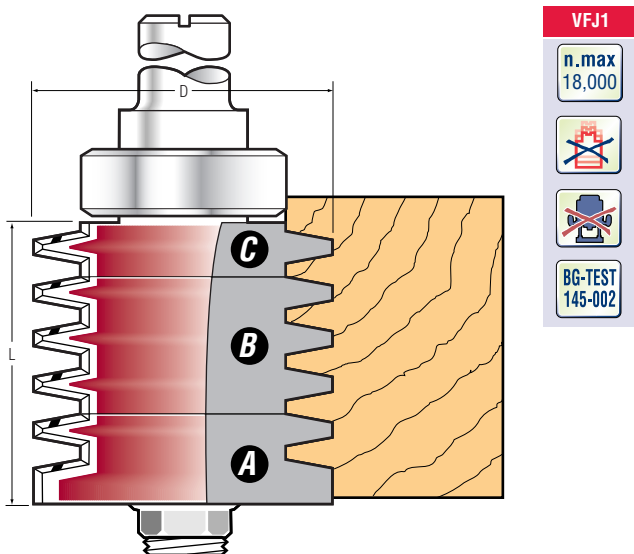
Order Ref. No.	Dmm	Lmm	Finger Depth	Suitable material depth	1/4"	Shank 8mm	12mm	1/2"
MFJ25	28	25	8	22	£75.00	£75.00	-	-
MFJ30	35	38	8	30	-	-	£92.00	£92.00

## CONVERSION

IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
1/16	1.6	3/8	9.5	3/4	19.05
1/8	3.2	1/2	12.7	7/8	22.22
1/4	6.35	5/8	15.88	1	25.4

## TCT Versatile Finger Joint with bearing 1 cutter, 4 settings

The complete system comes with a 5 finger set made up from 3 separate sections. This allows for 4 individual settings and timber thicknesses. See sketch.



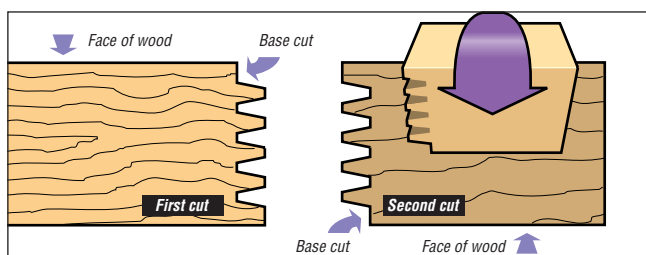
**VFJ1**

n. max  
18,000

BG-TEST  
145-002

System comes complete with three pieces. **A=Base, B=3 fingers, C=1 finger.**

Order Ref. No.	Dmm	Lmm	Bearing Dia	Shank 12mm 1/2"
VFJ1	40	37	28 complete with set of shims	£115.00 £115.00
B28	Replacement bearing			£8.00
VFJA	Replacement arbor			£15.00
Additional Shim Set (various sizes up to 1mm thickness available, please enquire)				£7.00



When using the VFJ cutter ensure the materials are of the same thickness and the ends are cut perfectly square. The edge that the bearing runs on should match the edge left by the base cutter.

When setting up for the cut, make sure the best face side is on the top. The second cut should have the best face on the bottom. By reversing and bringing together, the two best faces are on top.

**A feed rate of under 3m per minute can cause burning.**  
**We recommend 7-9m per minute. Maximum RPM18,000.**  
**Every VFJ1 cutter is supplied with a Titman booklet on it's correct use.**

Use the system in the following format to achieve different material thickness.

For 12-16mm material use A      For 22-30mm material use A+B  
 For 16-22mm material use B      For 30-40mm material use A+B+C

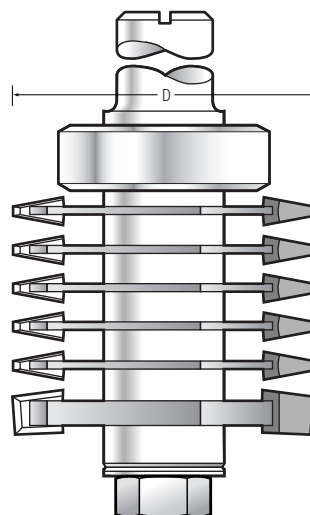
### Advantages of the Titman VJF Cutter

- No shims to adjust or set.
- Variable from 12mm to 40mm thick timber.
- Solid fingers prevent tendency to deflect on end grain.
- By exchanging the 3 main finger sets the following settings are possible.

Sections A, B or C are available to purchase separately, together with 0.5 + 1mm shims to assist with spacing.

Ideal for use on a suitable router table

## TCT Finger Joint Set



**VFJS2**

n. max  
18,000

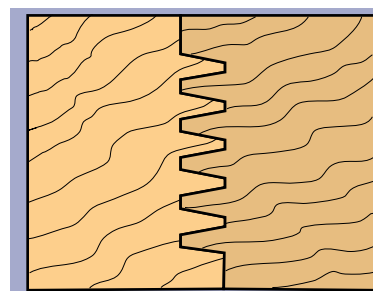
BG-TEST  
145-002

This system comes complete with six blades, arbor, bearing and relevant spacers to machine up to the maximum material thickness. By reducing the number of finger cutters on the arbor and using the tapered butting cutter varying thicknesses of material can be jointed. Ensure material to be used is machined square if the perfect fit is to be achieved.

**Timber thickness:**  
 Min 11mm. Max 36mm.

When fitted with 1 cutter:  
 Min 11mm. Max 16mm.

When fitted with 5 cutters:  
 Min 31mm. Max 36mm.

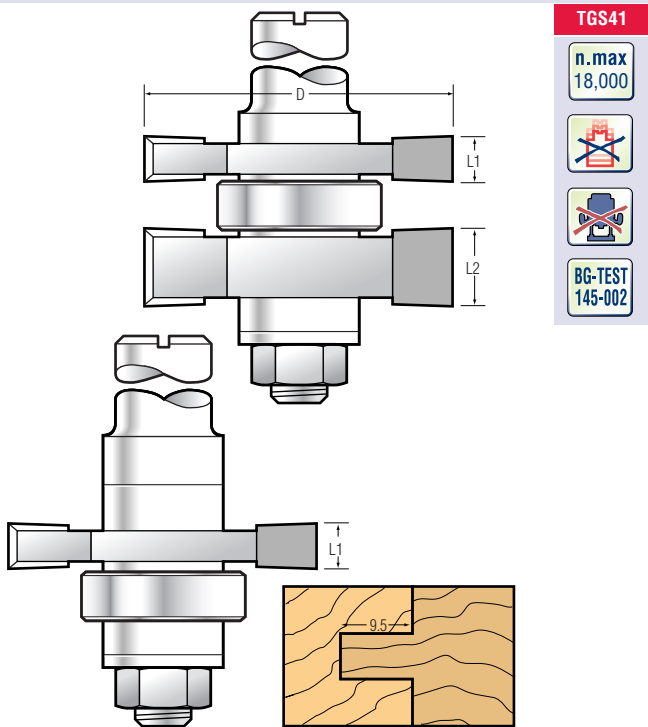


Order Ref. No.	Dmm	Finger depth mm	Suitable Material depth	Shank 1/2"
VFJS2	40	6	See chart above	£110.00
B28	Bearing 28mm			£8.00
VFJSA	Arbor			£22.00
VFJSFG	Finger Cutter			£15.00
VFJSFB	Tapered butting cutter			£17.00
VFJSS	Spacer 3.4mm			£2.00

Use the following combination of cutters to achieve the jointing of different material thicknesses. Always use the tapered butting cutter in the combination.

No of fingers	Timber min mm	Thickness max mm
1	11	16
2	16	21
3	21	26
4	26	31
5	31	36

### TCT Tongue & Groove Set



**TGS41**

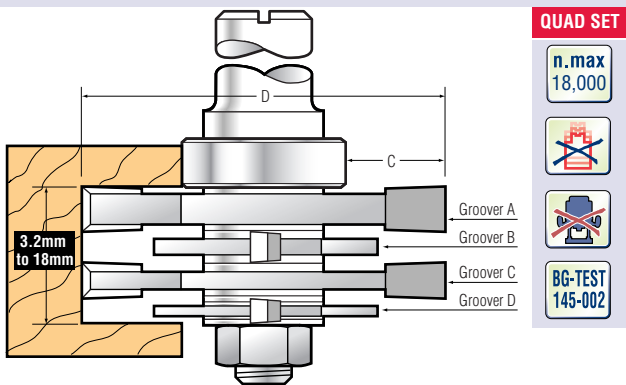
n.max 18,000

BG-TEST 145-002

Two groovers, one bearing on an arbor to give a tongue and groove on material thickness from 15mm to 22mm. Parts are interchangeable on arbor to give two set ups.

Order Ref. No.	D mm	L1 mm	L2 mm	Shank 8mm	Shank 1/2"
TGS41	41	6.35	10	£74.00	£74.00
B228	Replacement Bearing 22mm			£7.00	
Groover	6.35mm			£32.00	
Groover	10mm			£34.00	
Arbor	shank 1/2"			£15.00	
Arbor	shank 8mm			£15.00	
Set of spacers				£7.00	

### TCT Variable Groover Set



**QUAD SET**

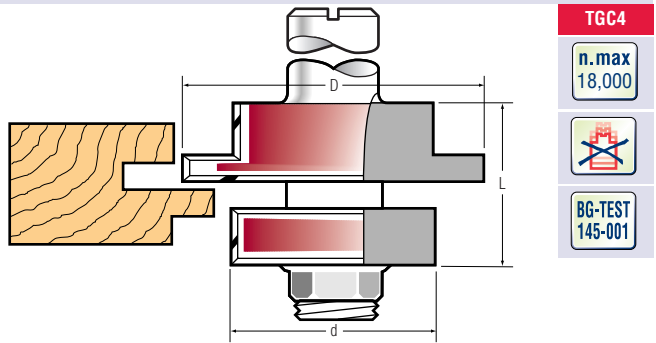
n.max 18,000

BG-TEST 145-002

A Multi Groover Set on an arbor to produce grooves of variable thickness from 3.2mm to 18mm with an option of using the bearing as a guide. The set comprises of 4 groovers, an arbor and a bearing. Tongue and grooving can also be made with this set from 9mm to 22mm.

Order Ref. No.	D mm	L min mm	L max mm	Shank 1/2"
QUAD SET	47.6	3.2	18	£85.00
B228	Replacement Bearing 22mm			£7.00
Groover A	6.35mm			£20.00
Groover B	4.0mm			£20.00
Groover C	4.8mm			£20.00
Groover D	3.2mm			£20.00
Arbor	shank 1/2"			£15.00

### TCT Tongue & Groove with bearing

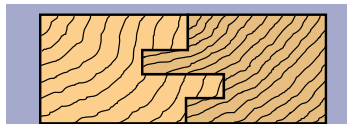


**TGC4**

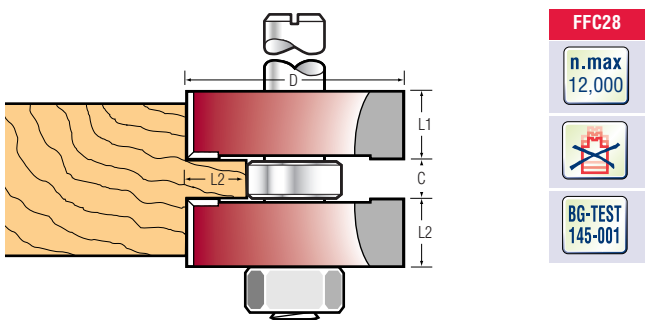
n.max 18,000

BG-TEST 145-001

To achieve a perfect tongued and grooved joint for flooring and panelling. The design provides an increased length of glue line for extra strength.



Order Ref. No.	Dmm	Lmm	Groover d mm	Shank 3/8"	Shank 1/2"
TGC4	40	24	28	£86.00	£86.00
B16	Replacement bearing			£7.00	



**FFC28**

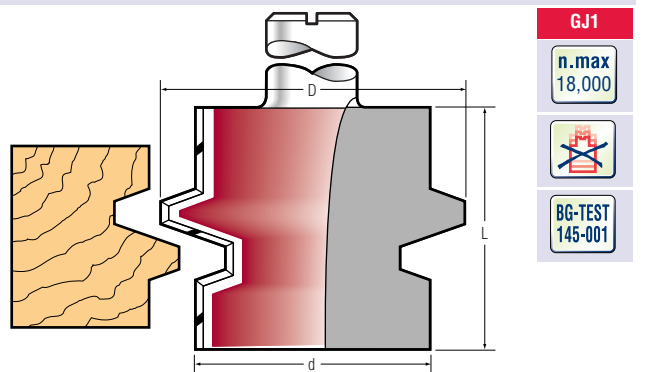
n.max 12,000

BG-TEST 145-001

Produce different sized tongues by changing the bearing. **Supplied with 1/2" bearing.** Used in conjunction with LDTA Arbor, page 95 - different shank sizes available.

Order Ref. No.	Dmm	L1mm	L2mm	Cmm	Shank 1/4"	Shank 8mm	Shank 3/8"	Shank 1/2"
FFC28	28	9	9	5.5	£60.00	£60.00	£60.00	£60.00
B127	Replacement bearing 12.7mm			7.65	£6.00			
B16	Replacement bearing 16mm			6	£7.00			

### TCT Reversible Finger Joint

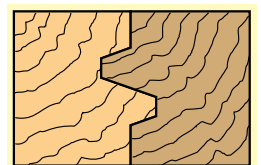


**GJ1**

n.max 18,000

BG-TEST 145-001

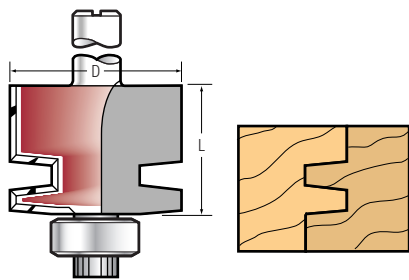
A further extension of the reversible finger joint, suitable for material up to 1" (25mm) nominal thickness.



Order Ref. No.	Dmm	d mm	Lmm	Shank 12mm	Shank 1/2"
GJ1	40	31	32	£77.00	£77.00

**Titman Tip** Used in a suitable router table with top pressure, or alternatively in an overhead machine with top pressure, chipboard flooring boards can be machined quickly and accurately with the GJ1 cutter.

## TCT Reversible Finger Joint with bearing



FJS25

n.max  
24,000

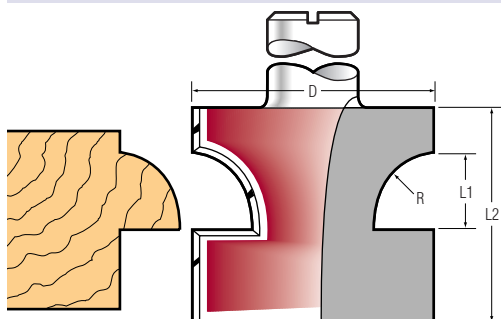


BG-TEST  
145-001

Bearing guided finger joint cutter.  
Suitable for timber thicknesses from 11mm to 26mm.

Order Ref. No.	Dmm	Lmm	Shank 1/4"
FJS25	24.6	18.5	£45.00
B127	Replacement bearing		£6.00

## TCT Corner Joint



CJ8

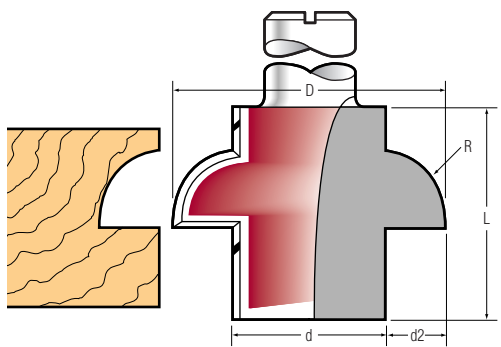
n.max  
18,000



BG-TEST  
145-001

Ideal for use when tenon joints are not required and door weight is not excessive.

Order Ref. No.	Dmm	L1mm	L2mm	Rmm	Shank 1/2"
CJ8	32	10	28	8	£87.00



RCJ8

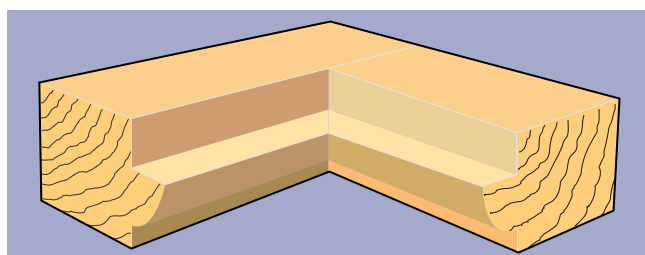
n.max  
18,000



BG-TEST  
145-001

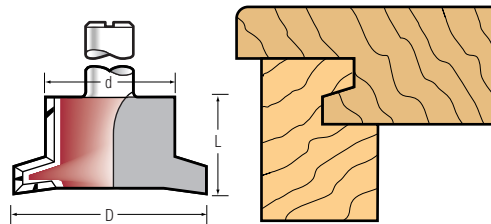
A corner jointing set used for producing small cabinet doors with a scribing joint (without tenon) or scribing transoms or glazing bars to a stile or rail.

Order Ref. No.	Dmm	d1 mm	d2 mm	Lmm	Rmm	Shank 1/2"
RCJ8	36	20	8	28	8	£87.00



CJ8 & RCJ8 produce a faithfully matched scribe joint.

## TCT Drawer Lock Joint



DLJ25

n.max  
18,000

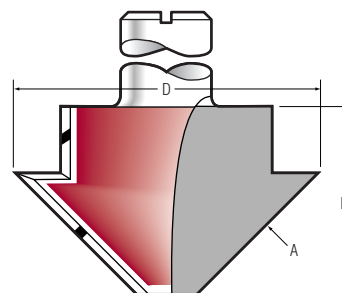


BG-TEST  
145-001

This cutter is suitable for timber thicknesses from 15mm to 25mm.

Order Ref. No.	Dmm	Lmm	Shank 1/4"	Shank 1/2"
DLJ25	25.4	12.7	£37.00	£37.00

## TCT Mitre Joint & Mitre Lock



MJC45

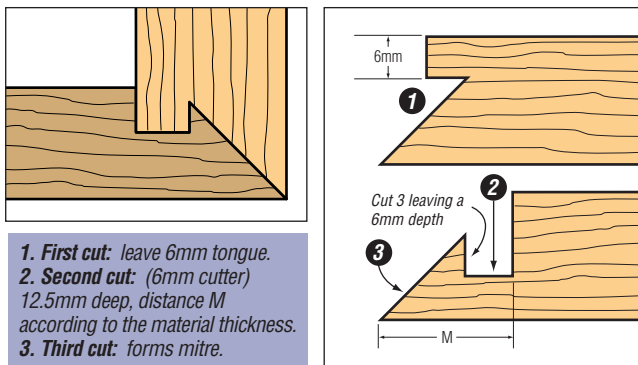
n.max  
18,000



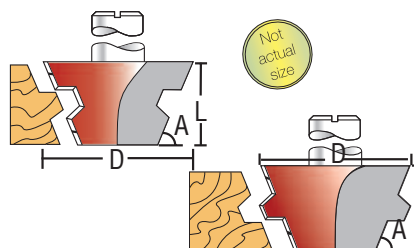
BG-TEST  
145-001

This cutter must be used in conjunction with our **M616 x 1/2"** and is suitable for material up to 22mm thickness. Complete with full instructions.

Order Ref. No.	D	L	A	Shank 1/2"
MJC45	40	25	45°	£59.00



## TCT Mitre Lock Set 22.5 Deg



MLCC

n.max  
18,000

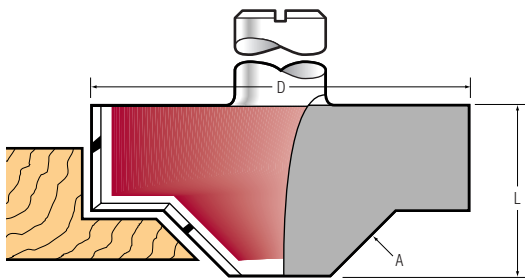


BG-TEST  
145-001

Order Ref. No.	Dmm	Lmm	A	Shank 1/2"
MLCT225	37.3	20	22.5	£55.00
MLCC225	37.3	20	22.5	£45.00

## TCT Mitre Set

The Titman Mitre Set will prove a useful jointing medium for those engaged in cabinet work, particularly in particle board. In operation the cutters produce hidden mitres and can be used in box section in conjunction with jointing blocks (see sketch).

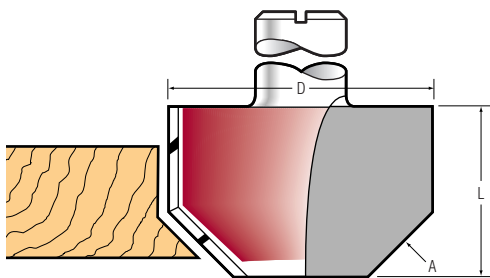


**RMC45**

n.max  
18,000



BG-TEST  
145-001



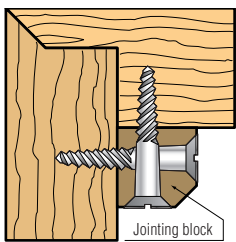
**MC45**

n.max  
18,000



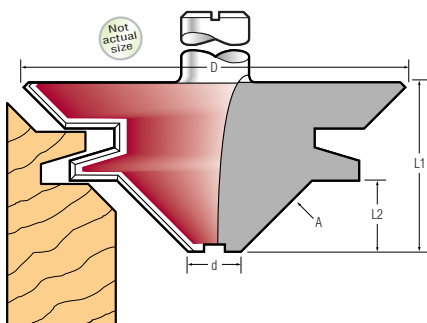
BG-TEST  
145-001

Order Ref. No.	Dmm	Lmm	A	Shank 1/2"
RMC45	50	23	45°	£87.00
MC45	35	25	45°	£77.00



**For fixed head machines only.**

Maximum thickness of material that can be safely machined is 18mm.



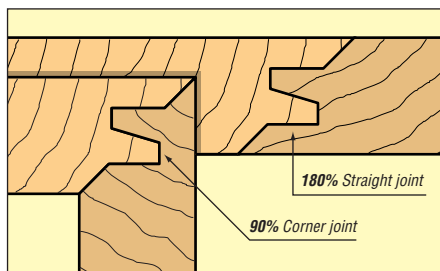
**MLC68**

n.max  
18,000



BG-TEST  
145-001

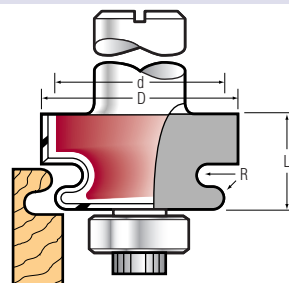
Order Ref. No.	Dmm	dmm	L1mm	L2mm	A	Shank 1/2"
MLC38	38.1	17	12.7	4	45°	£79.00
MLC68	68	7	30	12.5	45°	£91.00



The Titman Mitre Lock Cutter—designed to produce mitre joint on timber or board. Joints of 90° and straight 180° are possible in timber with thicknesses as follows:

**Min. Max.**  
MLC38 8mm 11mm  
MLC68 14mm 25mm

## TCT Hook Joint with bearing



**HJC1.5**

n.max  
18,000



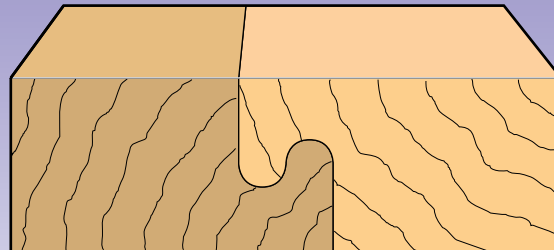
BG-TEST  
145-001

One setting is all that is required between timbers of the same thickness. These cutters produce a complete reversible joint.

**When using a portable routing machine ensure that the timber is well clamped in a vice or work station (like a Workmate, etc).**

Titman's HJC cutters are only offered on a 1/2" shank to overcome the problems of side pressure.

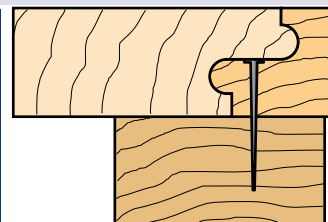
Order Ref. No.	Dmm	dmm	Lmm	Rmm	Material Thickness mm	Shank 1/2"
HJC15	29	23	15	1.5	3	£68.00
HJC2	33	28.5	16	2	9.5	£73.00
HJC25	40	32	21	2.5	11	£83.00
HJC3	52	38.5	23	3	16-18	£93.00
HJC35	60	44	26	3.5	20-22	£100.00
B127	Replacement bearing					£6.00



HJC3.5 To suit 20-22mm board. 3.5mm radius. 1/2" bearing

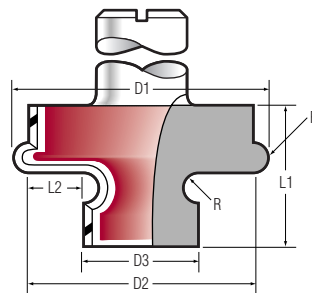
## TCT Reverse Radius Lock

**Reverse Radius Lock Joint.**  
Large sections of timber can be jointed without any bowing, twisting or lengthy set-up times. One setting is all that is required for this completely reversible joint.



**Hidden nail or screw joint.** Superb strength of joint due to the long glue line. For flooring, panelling or a reversible glue joint. Suits materials 9.5mm – 30mm thick.

Patent applied for.



**RRLJ95**

n.max  
18,000



BG-TEST  
145-001

Order Ref. No.	D1mm	L1mm	L2mm	Rmm	Material Thickness	Shank 1/2"
RRLJ95	34	19	7.5	2	9.5-14	£63.00
RRLJ14	41	22	8	3	14-20	£66.00
RRLJ22	52	30	10	3.5	19-22	£68.00
RRLJ25	54	32	11	5	25-30	£71.00