

SLOTING & GROOVING



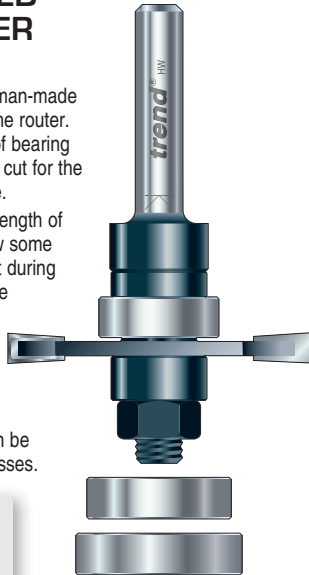
PROFESSIONAL ROUTER CUTTERS

BEARING GUIDED BISCUIT JOINTER SET

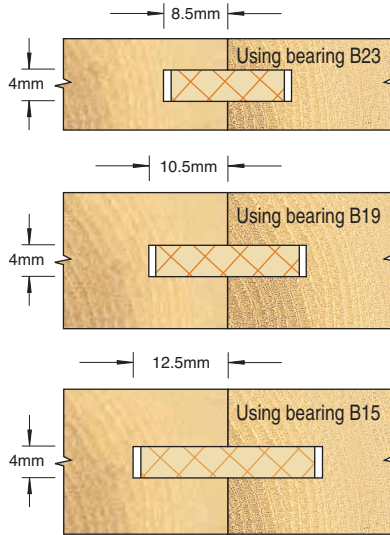
For biscuit jointing of timber, man-made fibre and particle board with the router. The set includes three sizes of bearing which set the correct depth of cut for the three sizes of biscuit available.

A slightly longer cut than the length of the biscuit is required, to allow some lateral play for easy alignment during assembly. A water based glue (PVA) is used with the biscuits which will expand as the moisture is absorbed. Boards are simply clamped together until glue is cured.

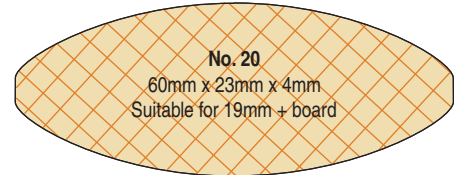
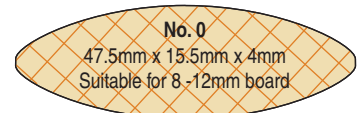
For larger boards, biscuits can be doubled up by making two passes.



Profiles showing cross section of biscuit joints.



Biscuit dimensions shown below. All sizes shown are nominal.

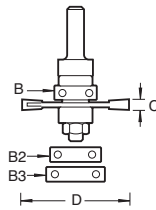


WOODEN BISCUITS

See page 188 for a variety of sizes available.



For certified biscuits see our website.



Instructions supplied

D mm	C mm	B mm	B2 mm	B3 mm	Product Ref.	Shank Diameter		
						1/4"	8mm	1/2"
40.0	4.0	15.0	19.0	23.0	342	£59.82	£59.82	£59.82

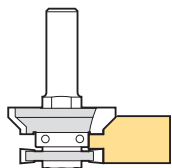
COMPRISES

1 x Arbor	33/60	£15.63	£15.63	£15.63
1 x 40.0mm x 4.0mm slotter	SL/GG	£27.36		
1 x Bearing 15.0mmØ	B15	£10.90		
1 x Bearing 19.0mmØ	B19	£4.74		
1 x Bearing 23.0mmØ	B23	£10.13		

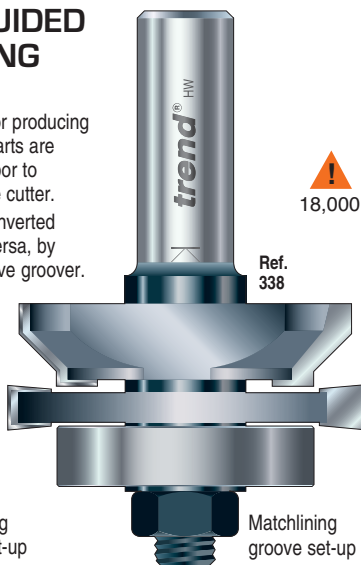
BEARING GUIDED MATCHLINING SET

A complete cutter set for producing matchlining. Jointing parts are interchanged on the arbor to change the mode of the cutter.

Set Ref. 338 can be converted to Ref. 339, and vice versa, by purchasing the respective groover.



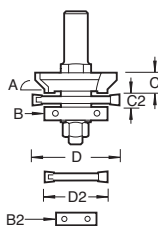
Matchlining tongue set-up



Ref. 338

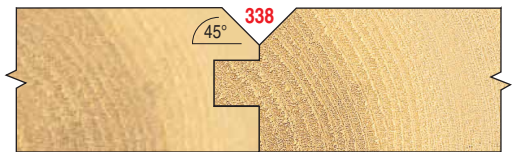
18,000

Matchlining groove set-up



A 6.0mm tongue is obtained using the set Ref. 338.

Timber thickness
Min. 15.0mm
Max. 19.0mm



A 4.0mm tongue is obtained using the set Ref. 339.

Timber thickness
Min. 10.0mm
Max. 17.0mm



A Deg.	D mm	D2 mm	C mm	C2 mm	B mm	B2 mm	Product Ref.	Shank Dia. 1/2"
45°	47.0	-	11.0	6.0	34.0	22.0	338	£133.89
45°	-	34.0	11.0	4.0	34.0	22.0	339	£133.89

COMPRISES

1 x Chamfer profile cutter	SP-338A	£68.67
1 x 34.0mm x 6.0mm kerf groover	SP-338B	£34.39
1 x 47.0mm x 6.0mm kerf groover	SP-338C	£42.62
or		
1 x 47.0mmØ x 4.0mm kerf groover	SP-339A	£35.00
1 x Arbor with spacers	SP-338D	£16.35
1 x Bearing 22.0mmØ	BB22	£10.17
1 x Bearing 34.0mmØ	BB34	£13.69

Instructions supplied

All prices are exclusive of VAT

! For stationary machines at max. recommended speeds as indicated.

trend
routing technology

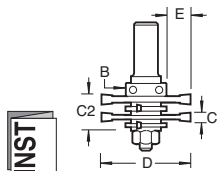
BEARING GUIDED INFINITELY VARIABLE 'QUAD' GROOVER SET

This versatile 1/2" shank groover set offers grooving widths of 3.2mm, 4.0mm, 4.8mm and 6.3mm. It is also infinitely variable from 6.6mm to 18mm in 0.1mm increments.

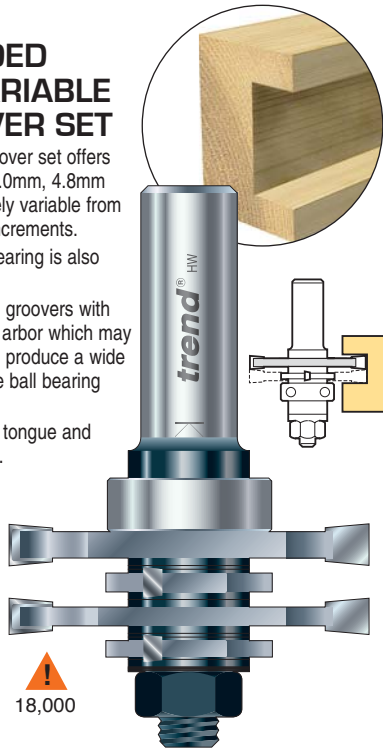
A jointing facility using the bearing is also possible.

Set comprises of four 2 wing groovers with 7.94mm (5/16") bore and an arbor which may be used singly or together to produce a wide range of groove widths. One ball bearing supplied as standard.

This set can also be used to tongue and groove 9mm to 22mm board.



Instructions supplied



Description	E mm	C2 mm	D mm	B mm	Product Ref.	Shank Dia. 1/2"
Quad Groover Set	12.8	3.2 to 18.0	47.6	22.0	QUAD	£100.14
COMPRISES						
	E mm	C mm	D mm	B mm	Product Ref.	Price
Groover A	12.8	3.2	47.6	-	SP-QUAD/18	£26.16
Groover B	12.8	4.0	47.6	-	SP-QUAD/532	£26.16
Groover C	12.8	4.8	47.6	-	SP-QUAD/316	£26.16
Groover D	12.8	6.3	47.6	-	SP-QUAD/14	£26.16
Standard bearing	12.8	7.0	-	22.0	BB22	£10.17
Arbor	-	-	-	-	33/30	£8.96

ACCESSORIES (not included in set)

	E mm	C mm	D mm	B mm	Product Ref.	Price
Groover	12.8	1.6	47.6	-	SP-QUAD/116	£19.13
Groover	12.8	2.0	47.6	-	SP-QUAD/564	£19.13
Groover	12.8	2.4	47.6	-	SP-QUAD/332	£19.13
Bearing 19.0mmØ	14.3	6.0	-	19.0	BB19	£10.13
Bearing 24.0mmØ	11.8	8.0	-	24.0	BB24	£9.92
Bearing 25.0mmØ	11.3	8.0	-	25.0	BB25	£13.69
Bearing 26.0mmØ	10.8	6.0	-	26.0	BB26	£13.69
Bearing 28.0mmØ	9.8	8.9	-	28.0	BB28	£13.69
Bearing 29.0mmØ	9.2	8.0	-	29.0	BB29	£13.69
Bearing 30.0mmØ	8.8	8.0	-	30.0	BB30	£13.69
Bearing 34.0mmØ	6.8	8.0	-	34.0	BB34	£13.69

SPARE replacement arbor nut

ANUT/33/30 £1.33

BEARING GUIDED VARIABLE KERF GROOVER

To adjust the groove width, these tools can be re-assembled with the supplied shims and spacers inserted between the groovers, giving a 0.1mm increment in thickness.



C mm	E mm	D mm	B mm	Product Ref.	Shank Dia. 1/2"
3.0 to 5.0	11.0	50.0	28.0	27/35	£68.64
5.0 to 9.0	11.0	50.0	28.0	27/59	£73.75

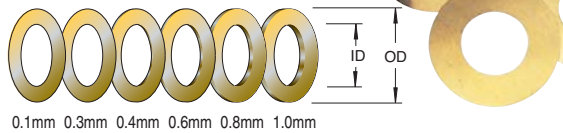
SPARE PARTS

Top groover for Ref. 27/35	SP-27/35A	£26.16
Bottom groover for Ref. 27/35	SP-27/35B	£26.16
Top groover for Ref. 27/59	SP-27/59A	£26.16
Bottom groover for Ref. 27/59	SP-27/59B	£26.16
Bearing 28.0mmØ	BB28	£13.69
Arbor	33/30	£8.96

SHIMS & SPACER SET

SHIM SETS

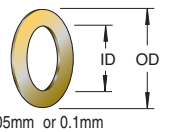
Set of twelve shims for fine adjustment of slotters and groovers on arbors. Each set comprises two shims of each thickness.



0.1mm 0.3mm 0.4mm 0.6mm 0.8mm 1.0mm

SHIM PACKS

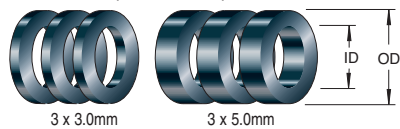
Spare shim packs for adjusting profile scribe sets. Supplied in packs of 10, either 0.05mm or 0.1mm thick.



0.05mm or 0.1mm

SPACER SET Ref. SPACER/63

A set of six spacers. Comprises three of each size.



3 x 3.0mm 3 x 5.0mm

SPACER SET Ref. SPACER/8

A set of thirteen 8mm spacers & shims. Comprises two spacer/shims of each thickness & one extra 0.05mm shim.



0.05mm 0.1mm 0.5mm 1.0mm 3.0mm 6.0mm

SPACER SET Ref. SPACER/12

A set of six 12mm bore spacers.



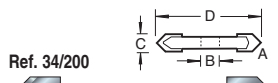
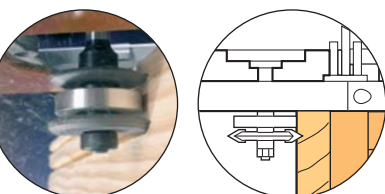
1.0mm 2.0mm 3.0mm 4.0mm 6.3mm 10.0mm

Bore Size mm (ID)	Outside Dia. mm (OD)	Thick mm	Product Ref.	Price
6.3	11.5	-	SHIM/63	£7.64
8.0	14.0	-	SHIM/8	£7.64
12.0	18.0	-	SHIM/12	£7.64
8.0	16.0	0.05	SHIM/PACK/1	£4.85
8.0	16.0	0.1	SHIM/PACK/2	£4.85
6.3	12.6	-	SPACER/63	£4.48
8.0	16.0	-	SPACER/8	£7.64
12.0	18.0	-	SPACER/12	£10.38

SPECIALIST GROOVER

Two wing groovers have 6.35mm (1/4") bore. For use with Ref. 33/60 arbor. Allows decorative cuts in panels and frames to disguise glue lines & for fluting effects.

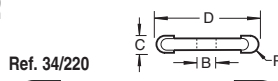
With arbor Ref. 33/60X1/4, the max. distance from the edge is approx. 25mm. With arbor Ref. 33/60X1/2, the max. distance from the edge is approx. 35mm.



Ref. 34/200



Ref. 34/210



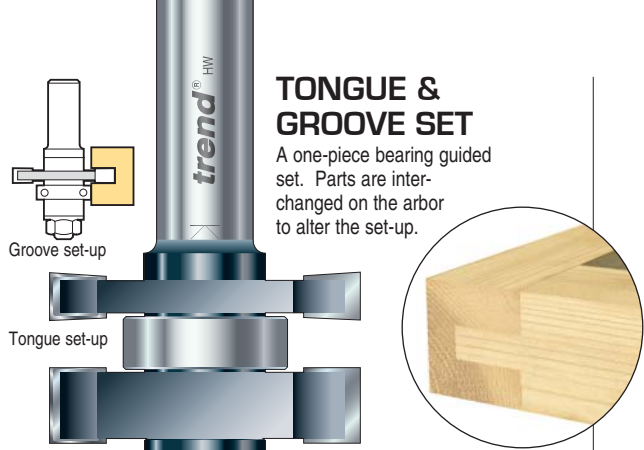
Ref. 34/220

A Deg.	R mm	C mm	D mm	B mm	Product Ref.	Bore size 1/4"
45°	-	6.0	36.0	6.35	34/200	£43.30
60°	-	6.0	36.0	6.35	34/210	£43.30
-	3.0	6.0	36.0	6.35	34/220	£43.30

ARBOR & BEARINGS

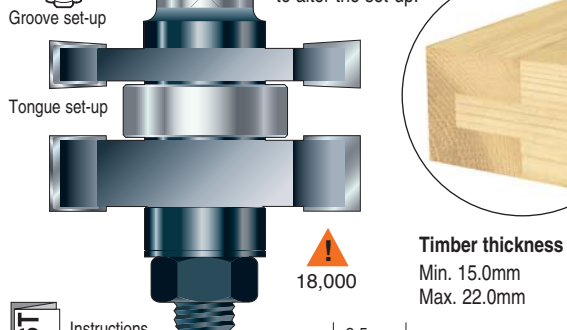
Arbor with 1/4", 8mm or 1/2" shank	33/60	£15.63
Bearing 30.0mmØ for 3.0mm depth	B300	£10.13
Bearing 29.0mmØ for 3.5mm depth	B290	£9.58
Bearing 28.0mmØ for 4.0mm depth	B280	£9.58
Bearing 26.0mmØ for 5.0mm depth	B260	£9.58





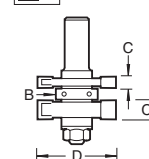
TONGUE & GROOVE SET

A one-piece bearing guided set. Parts are inter-changed on the arbor to alter the set-up.



Timber thickness
Min. 15.0mm
Max. 22.0mm

Instructions supplied



C mm	C2 mm	D mm	B mm	Product Ref.	Shank Diameter 8mm	Shank Diameter 1/2"
6.35	10.0	41.0	22.0	337	£77.64	£77.64

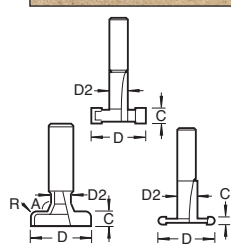
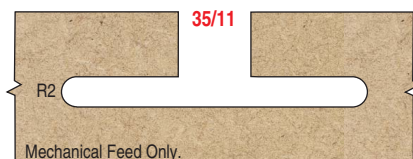
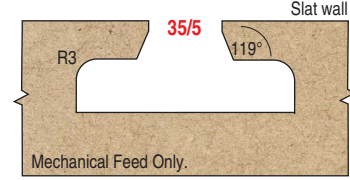
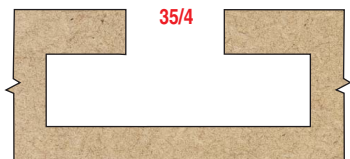
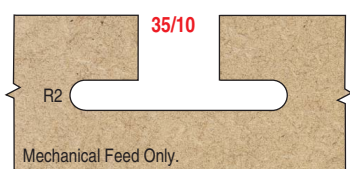
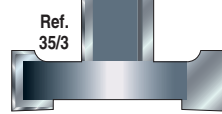
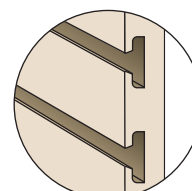
SPARE PARTS

1 x 41.0mmØ x 6.35mm kerf groover	SP-34/70	£27.36	-
1 x 41.0mmØ x 10.0mm kerf groover	SP-34/74	£49.05	-
1 x Bearing 22.0mmØ	BB22	£10.17	-
1 x 1/2" shank arbor	33/30	-	£8.96
or 1 x 8mm shank arbor	33/30	£8.96	-
Spacer set	SPACER/8	£7.64	-

'T' SLOTTERS & SLAT WALL CUTTER

A range of heavy duty 'T' slot cutters for clamping and hanging applications.

▲ Relief cut required on Refs. 35/3, 35/4 & 35/5.



A Deg.	R mm	D mm	D2 mm	C mm	Product Ref.	Shank Diameter 3/8"	Shank Diameter 1/2"
-	-	28.0	9.5	8.0	35/3	£57.28	-
-	2.0	28.0	11.2	4.0	35/10	£65.52	-
119°	3.0	30.0	10.5	7.0	35/5	-	£75.09
-	-	35.0	12.7	9.5	35/4	-	£69.39
-	2.0	40.8	9.7	4.0	35/11	£67.45	-

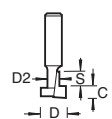
KEYHOLE

A keyhole recess for picture hanging flush to the wall.

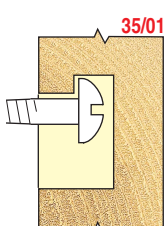
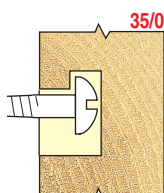
Ref. 35/0 - No.8 & No.10 screw heads.
Ref. 35/01 - No.10 & No.12 screw heads.
Not suitable for grooving applications.



Ref. 35/0



Instructions supplied



D mm	C mm	D2 mm	S mm	Product Ref.	Shank Diameter 1/4"	Shank Diameter 8mm
9.5	4.5	4.5	5.5	35/0	£33.08	£33.08
12.7	4.9	8.0	4.6	35/01	£36.33	-

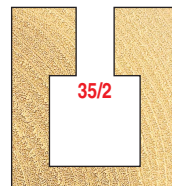
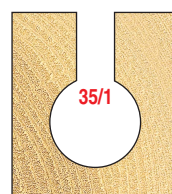
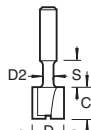
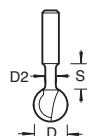
'T' SLOTTER

Slots for concealing electric cables etc. A 6mm slot must be cut first to allow for the cutter neck.

▲ Care must be taken to avoid breakage.



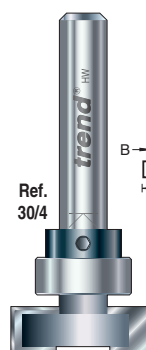
Ref. 35/2



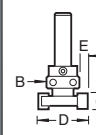
D mm	C mm	D2 mm	S mm	Product Ref.	Shank Dia. 1/4"
12.0	-	4.0	10.0	35/1	£68.67
12.0	12.0	4.0	10.0	35/2	£68.64

UNDERCUT CUTTER

To produce an undercut on relief lettering to create a more aesthetic appearance, as well as for edge grooving.



Ref. 30/4



D mm	C mm	E mm	B mm	Product Ref.	Shank Dia. 1/4"
19.1	3.2	3.2	12.7	30/2	£38.88
19.1	6.3	3.2	12.7	30/4	£41.41
25.4	6.3	6.35	12.7	30/6	£42.62

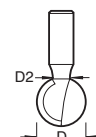
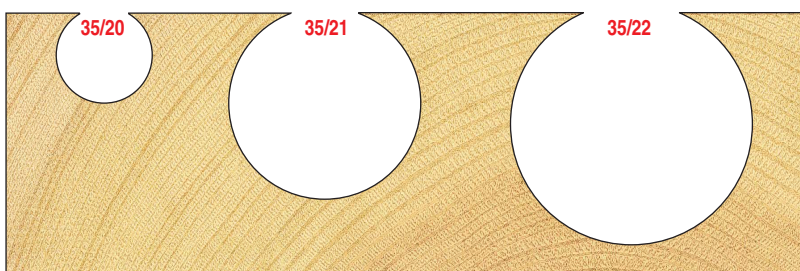
BALL GROOVER

Ideal for hiding pipes and cables. Part of curve can be used for producing decorative edges.

▲ An initial slot with a straight cutter is required before using the ball groovers.

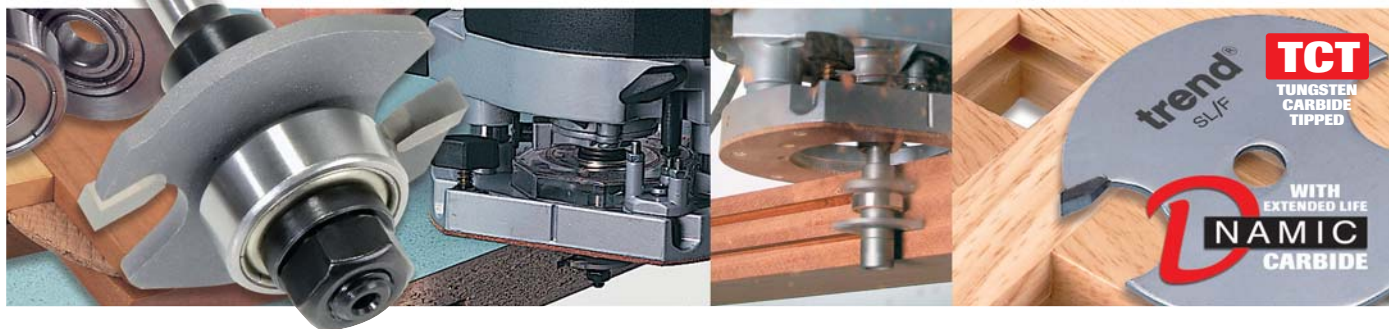


Ref. 35/21



D mm	D2 mm	Product Ref.	Shank Dia. 1/2"
12.7	6.5	35/20	£45.76
25.4	9.0	35/21	£58.50
32.0	12.7	35/22	£70.00

ARBORS & SLOTTERS



- Applications for these tools include grooving for biscuit jointing, matchlining, tongue and grooving and cutting slots for weather proofing frames and doors.
- All slotters are precision made in TCT grade for long life when cutting the most abrasive materials.

ARBORS, SLOTTERS & BEARINGS TO CREATE CUSTOMISED SLOTTING & GROOVING TOOLS



! Ensure slotters are fitted the correct way onto the arbor with respect to the direction of rotation. Bearings and slotters should be fitted as near to the shank as possible to avoid vibration.



1/4" STACK SYSTEM

STANDARD DUTY ARBORS

Standard duty arbor with 1/4" (6.35mm) spindle and spacers. Enables the mounting of 1/4" bore slotters with and without bearings in a variety of positions. Use shims/spacers to prevent bearings with larger diameters touching the tips of the slotters and for accurate spacing. (Shim sets are available, please see page 62).

NB Ref. 33/60X1/2 = 76mm OL

Product Ref.	1/4"	Shank Diameter	
		8mm	3/8"
33/60	£15.63	£15.63	£15.63

1/4" BORE SLOTTERS

TCT slotters with 1/4" (6.35mm) bore. Kerfs are available from 1.5 to 10mm.

1/4" BORE BEARINGS

Use of a bearing will govern the depth of cut without the need of a side-fence. The smaller the bearing, the deeper the cut. The chart below shows the depths of cut possible with each size of bearing.

USE CHART BELOW TO FIND DEPTH OF CUT

Kerf Ref.	1.5	1.5	2	2	2.5	2.5	2.5	3	3	4	4	4	5	5.5	6	7	8	10	Ref.	Dia.	Price
	SL/A	SL/AA	SL/B	SL/E	SL/C	SL/CC	SL/F	SL/D	SL/DD	SL/G	SL/GG	34/01	SL/K	SL/H	34/20	34/8	34/33	34/41			
Price	£25.43	£24.22	£25.43	£25.43	£25.43	£24.22	£28.70	£25.43	£24.22	£28.70	£27.36	£71.44	£31.24	£31.24	£36.33	£43.25	£43.25	£47.11			
Dia.	36	40	36	40	36	40	50	36	40	36	40	41.3	40	36	41.3	40	41.3	41.3			
Teeth	2	2	2	2	2	2	2	2	2	2	2	4	2	2	2	4	2	2			
Depth of Cut	11.6	13.6	11.6	13.6	11.6	13.6	18.6	11.6	13.6	11.6	13.6	14.3	13.6	11.6	14.3	13.6	14.3	14.3	B127	12.7	£7.15
	11	13	11	13	11	13	18	11	13	11	13	13.6	13	11	13.6	13	13.6	13.6	B14	14	£10.90
	10.5	12.5	10.5	12.5	10.5	12.5	17.5	10.5	12.5	10.5	12.5	13.1	12.5	10.5	13.1	12.5	13.1	13.1	B15	15	£10.90
	10	12	10	12	10	12	17	10	12	10	12	12.6	12	10	12.6	12	12.6	12.6	B16	16	£4.24
	9.5	11.5	9.5	11.5	9.5	11.5	16.5	9.5	11.5	9.5	11.5	12.1	11.5	9.5	12.1	11.5	12.1	12.1	B17	17	£10.90
	9	11	9	11	9	11	16	9	11	9	11	11.6	11	9	11.6	11	11.6	11.6	B18	18	£11.15
	8.5	10.5	8.5	10.5	8.5	10.5	15.5	8.5	10.5	8.5	10.5	11.1	10.5	8.5	11.1	10.5	11.1	11.1	B19	19	£4.74
	8	10	8	10	8	10	15	8	10	8	10	10.6	10	8	10.6	10	10.6	10.6	B20	20	£10.13
	7.5	9.5	7.5	9.5	7.5	9.5	14.5	7.5	9.5	7.5	9.5	10.1	9.5	7.5	10.1	9.5	10.1	10.1	B21	21	£10.13
	7	9	7	9	7	9	14	7	9	7	9	9.6	9	7	9.6	9	9.6	9.6	B22	22	£10.13
	6.5	8.5	6.5	8.5	6.5	8.5	13.5	6.5	8.5	6.5	8.5	9.1	8.5	6.5	9.1	8.5	9.1	9.1	B23	23	£10.13
	6	8	6	8	6	8	13	6	8	6	8	8.6	8	6	8.6	8	8.6	8.6	B24	24	£10.17
	5.5	7.5	5.5	7.5	5.5	7.5	12.5	5.5	7.5	5.5	7.5	8.1	7.5	5.5	8.1	7.5	8.1	8.1	B25	25	£10.13
	5	7	5	7	5	7	12	5	7	5	7	7.6	7	5	7.6	7	7.6	7.6	B260	26	£9.58
	4.5	6.5	4.5	6.5	4.5	6.5	11.5	4.5	6.5	4.5	6.5	7.1	6.5	4.5	7.1	6.5	7.1	7.1	B270	27	£9.58
	4	6	4	6	4	6	11	4	6	4	6	6.6	6	4	6.6	6	6.6	6.6	B280	28	£9.58
	3.5	5.5	3.5	5.5	3.5	5.5	10.5	3.5	5.5	3.5	5.5	6.1	5.5	3.5	6.1	5.5	6.1	6.1	B290	29	£9.58
	3	5	3	5	3	5	10	3	5	3	5	5.6	5	3	5.6	5	5.6	5.6	B300	30	£10.13

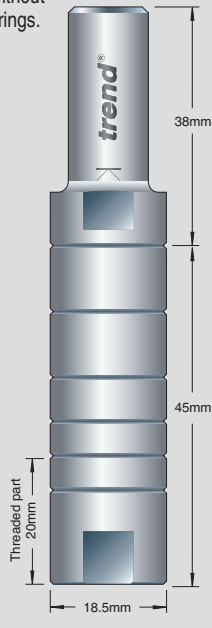
Example - For 2.5mm kerf and 8.5mm depth of cut, choose a 33/60 arbor, SL/CC slotter and B23 bearing.

All prices are exclusive of VAT

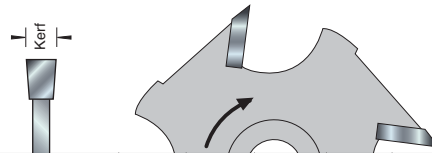
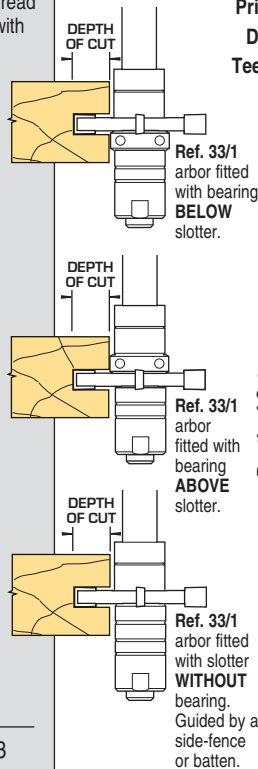
12MM STACK SYSTEM

HEAVY DUTY ARBORS FOR 12MM BORE SLOTTERS

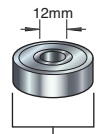
Heavy duty arbor with M12x1.0mm thread with spacers for 12mm bore slotters with or without bearings.



Product Ref.	Shank Diameter	Price
33/1	3/8" 1/2"	£31.49 £25.43



These slotters have a 12mm clear bore to enable them to be mounted at any position on the arbor in combination with spacers, with or without a bearing.

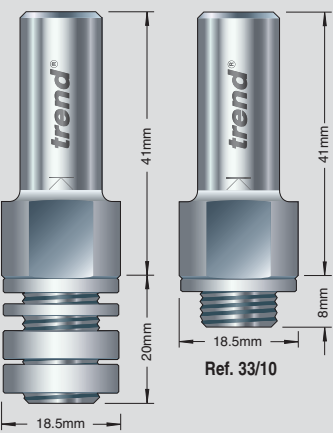


Kerf	2	2.5	4	5	6	6	8	10	10	Ref.	Dia.	Price
Ref.	39/6	39/9	34/1	34/04	34/22	34/2	34/3	34/4	34/40			
Price	£80.78	£80.16	£57.87	£57.28	£60.43	£60.43	£66.12	£57.28	£68.67			
Dia.	86	100	50	50	40	50	50	40	50	B210	21	£8.36
Teeth	12	12	4	4	3	4	4	3	4	B250	25	£13.69
	32.5	39.5	14.5	14.5	9.5	14.5	14.5	9.5	14.5	B26	26	£8.36
	30.5	37.5	12.5	12.5	7.5	12.5	12.5	7.5	12.5	B27	27	£13.69
	30	37	12	12	7	12	12	7	12	B28	28	£10.90
	29.5	36.5	11.5	11.5	6.5	11.5	11.5	6.5	11.5	B29	29	£13.69
	29	36	11	11	6	11	11	6	11	B30	30	£10.90
	28.5	35.5	10.5	10.5	5.5	10.5	10.5	5.5	10.5	B31	31	£13.69
	28	35	10	10	5	10	10	5	10	B32	32	£10.13
	27.5	34.5	9.5	9.5	4.5	9.5	9.5	4.5	9.5	B33	33	£13.69
	27	34	9	9	4	9	9	4	9	B34	34	£10.13
	26.5	33.5	8.5	8.5	3.5	8.5	8.5	3.5	8.5	B35	35	£10.13
	26	33	8	8	3	8	8	3	8	B36	36	£10.13
	25.5	32.5	7.5	7.5	2.5	7.5	7.5	2.5	7.5	B37	37	£6.06
	25	32	7	7	2	7	7	2	7	B38	38	£10.13
	24.5	31.5	6.5	6.5	1.5	6.5	6.5	1.5	6.5	B39	39	£12.73
	24	31	6	6	1	6	6	1	6	B40	40	£10.13
	23.5	30.5	5.5	5.5	0.5	5.5	5.5	0.5	5.5	B41	41	£14.67
	23	30	5	5	-	5	5	-	5	B42	42	£11.51
	22.5	29.5	4.5	4.5	-	4.5	4.5	-	4.5	B43	43	£11.51
	22	29	4	4	-	4	4	-	4			
	21.5	28.5	3.5	3.5	-	3.5	3.5	-	3.5			

M12 THREADED SYSTEM

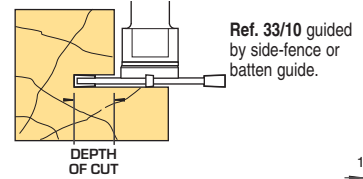
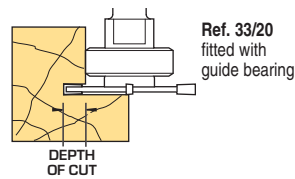
HEAVY DUTY ARBORS FOR M12 BORE SLOTTERS

Slotters with M12x1.0mm threaded bore enables flush recessing in the corner for weather proofing. Spacers are supplied where applicable to ensure the minimal threaded arbor protrudes below the slotter. Arbor Ref. 33/20 enables 12mm bore guide bearings to be fitted above slotter for self-guiding work.



Product Ref.	Shank Diameter	Price
33/10	8mm 3/8" 1/2"	£14.64 - £14.64
33/20	-	£14.64 £14.64
33/21	(for Ref. 34/16TC only)	£14.64
33/22	(for Ref. 34/17TC only)	£14.64
33/27	(for Ref. 34/18TC only)	£14.64

These slotters have a M12 threaded boss to enable them to be threaded onto the arbor without the need for a securing nut.



Kerf	2	2.5	3	4	5	6	7	8	9.5	10	11	15	20	25	Ref.	Dia.	Price
Ref.	34/03	34/9	34/10	34/11	34/110	34/12	34/7	34/13	34/5	34/15	34/14	34/16*	34/17*	34/18*			
Price	£62.98	£63.58	£63.58	£62.98	£64.90	£64.90	£70.60	£66.84	£79.55	£68.64	£72.53	£68.64	£68.64	£68.63			
Dia.	50	50	50	50	50	50	50	50	50	40	50	40	40	40	B210	21	£8.36
Teeth	4	4	4	4	4	4	4	4	4	2	4	2	2	2	B250	25	£13.69
	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	9.5	14.5	9.5	-	-	B26	26	£8.36
	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	7.5	12.5	7.5	-	-	B27	27	£13.69
	12	12	12	12	12	12	12	12	12	7	12	7	7	7	B28	28	£10.90
	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	6.5	11.5	6.5	-	-	B29	29	£13.69
	11	11	11	11	11	11	11	11	11	6	11	6	6	6	B30	30	£10.90
	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	5.5	10.5	5.5	-	-	B31	31	£13.69
	10	10	10	10	10	10	10	10	10	5	10	5	5	5	B32	32	£10.13
	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	4.5	9.5	4.5	-	-	B33	33	£13.69
	9	9	9	9	9	9	9	9	9	4	9	4	-	-	B34	34	£10.13
	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	3.5	8.5	3.5	-	-	B35	35	£10.13
	8	8	8	8	8	8	8	8	8	3	8	3	3	3	B36	36	£10.13
	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	2.5	7.5	2.5	-	-	B37	37	£6.06
	7	7	7	7	7	7	7	7	7	2	7	2	2	2	B38	38	£10.13
	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	1.5	6.5	1.5	-	-	B39	39	£12.73
	6	6	6	6	6	6	6	6	6	1	6	1	-	-	B40	40	£10.13
	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	0.5	5.5	0.5	-	-	B41	41	£14.67
	5	5	5	5	5	5	5	5	5	-	5	-	-	-	B42	42	£11.51
	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	-	4.5	-	-	-	B43	43	£11.51
	4	4	4	4	4	4	4	4	4	-	4	-	-	-			
	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	-	3.5	-	-	-			

* These groovers must be used with different arbors - see left.

Above Bearings for use with Ref. 33/20 Arbor.



WEATHERSEAL RECESSING & SEALS

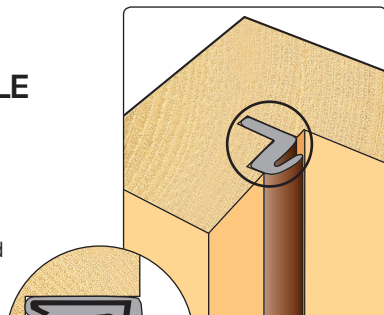


BEARING GUIDED AQUAMAC 21 & AQUATEX A10 STYLE RECESSER

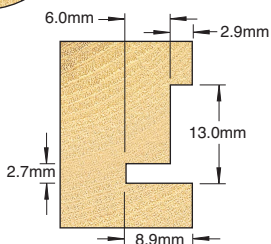
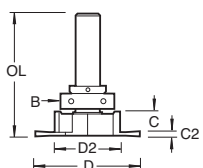
Ref. 334 and 34/56 recessing cutters will accommodate the Schlegel® Aquamac 21 and Exitex® Aquatex A10 seal. These cutters are designed for use with the seal in a wiping mode and come complete with a guide bearing to reduce setting-up time and simplify machining operations.

Ref. 34/56 can be used in a smaller medium duty router.

Ref. 334



Gap allowed for expansion when the door shuts.

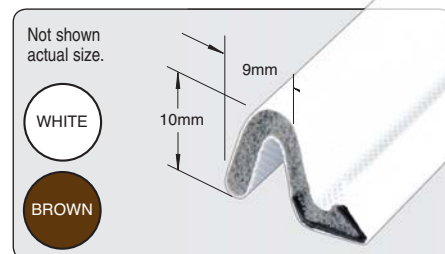


C	C2	D	D2	B	OL	Product Ref.	Shank Diameter
mm	mm	mm	mm	mm	mm		8mm 1/2"
9.3	2.7	33.8	21.8	16.0	70.0	34/56	£68.20
▲ 10.3	2.7	46.3	34.3	28.6	90.0	334	- £111.39

AQUA 21 & A10 STYLE STRIP

Strip is fitted into the frame rebate (head and jambs) as three cut pieces forming a compression or wiping seal. The seal is butt jointed at the corners. To seal the door bottom, weather bar is mounted into the threshold section. It is important that the seal does not abut the weather bar but runs to the threshold section in front (weatherside) of it, to maximise water permeability resistance.

See page 188 for prices.



Colour	Approximate Length	Product Ref.
White	10 metres	AQ21/W/10
White	25 metres	AQ21/W/25
White	250 metre roll	AQ21/W/250
Brown	10 metres	AQ21/B/10
Brown	25 metres	AQ21/B/25
Brown	250 metre roll	AQ21/B/250

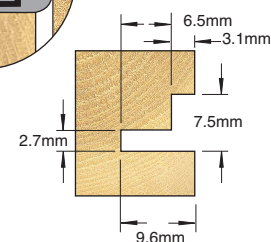
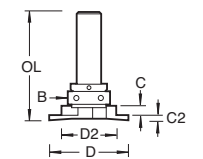
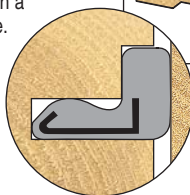
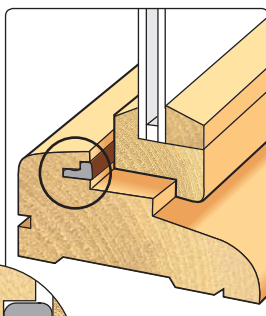
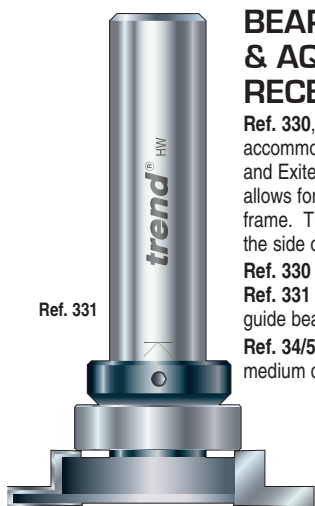
BEARING GUIDED AQUAMAC 63 & AQUATEX P6 STYLE RECESSER

Ref. 330, 331 and 34/55 are designed to accommodate the popular Schlegel® Aquamac 63 and Exitex® Aquatex P6 weather strip system and allows for a particularly small gap between sash and frame. The slot can be positioned part way down the side of the rebate, or at the bottom of the rebate.

Ref. 330 must be used with a side-fence, whereas Ref. 331 and 34/55 come complete with a guide bearing to reduce setting-up time.

Ref. 34/55 can be used in a smaller medium duty router.

Ref. 331

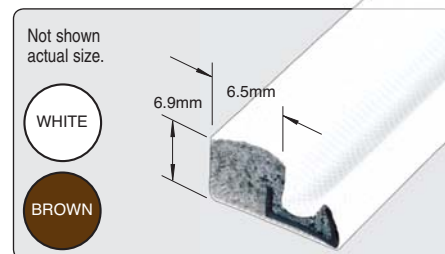


C	C2	D	D2	B	OL	Product Ref.	Shank Diameter
mm	mm	mm	mm	mm	mm		8mm 1/2"
4.8	2.7	36.0	25.0	-	58.0	330	- £88.89
4.8	2.7	35.2	22.2	16.0	70.0	34/55	£62.95
4.8	2.7	41.3	28.3	22.0	67.0	331	- £100.14

AQUA 63 & P6 STYLE STRIP

Strip is fitted into the frame aperture using four cut lengths. It is important to create tight butt or notched joints to ensure high levels of window performance. Joints can be enhanced by the application of a small amount of silicone mastic. When fitted, it is necessary to notch the seal end.

See page 188 for prices.



Colour	Approximate Length	Product Ref.
White	10 metres	AQ63/W/10
White	25 metres	AQ63/W/25
White	300 metre roll	AQ63/W/300
Brown	10 metres	AQ63/B/10
Brown	25 metres	AQ63/B/25
Brown	300 metre roll	AQ63/B/300

HAND MITRE SHEARS

For perfect snipping & mitre cuts of weatherseal, mouldings & beading. See page 218 for full details.

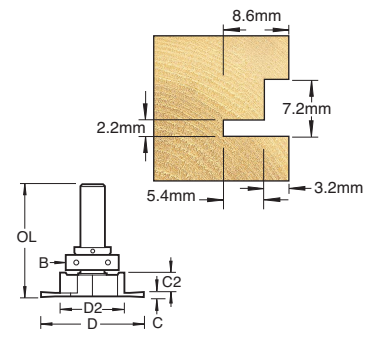
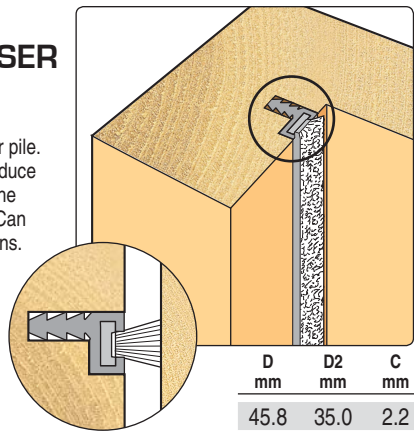
Product Ref.
HM/SHEAR
HM/SHEAR/A





BEARING GUIDED WEATHER PILE RECESSER - OFFSET LEG CARRIER

Ref. 343 recessing cutter is designed to accommodate the Offset Leg Carrier weather pile. It comes complete with a guide bearing to reduce setting-up time and is particularly useful for the meeting rails on sliding box sash windows. Can be used for compression or sliding applications. Previously known as Carripile I.

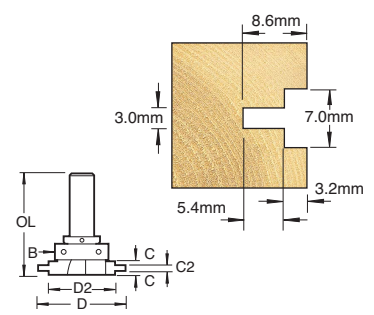
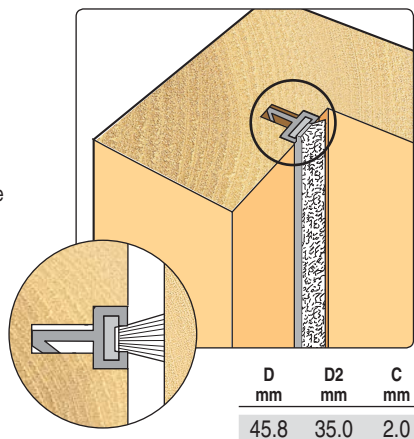


D mm	D2 mm	C mm	C2 mm	B mm	OL mm	Product Ref.	Shank Dia. 1/2"
45.8	35.0	2.2	5.0	28.6	80.0	343	£128.27



BEARING GUIDED WEATHER PILE RECESSER - CENTRAL LEG CARRIER

Ref. 344 recessing cutter is designed to accommodate the Central Leg Carrier weather pile. It comes complete with a guide bearing to reduce setting-up time. Can be used for compression or sliding applications. Previously known as Carripile II.

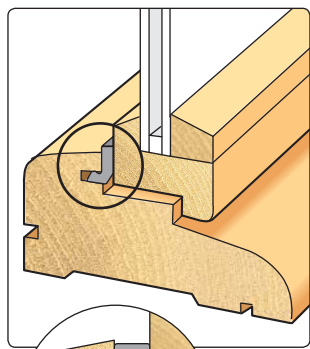


D mm	D2 mm	C mm	C2 mm	B mm	OL mm	Product Ref.	Shank Dia. 1/2"
45.8	35.0	2.0	3.0	28.6	80.0	344	£128.27

FITTING WEATHERSEAL

Barbed weatherseals can be fitted to window and door frames if a groove can be machined in the frame. This groove accepts the barb of the weatherseal. The router is fitted with a threaded arbor on to which a groover, with an internal M12 thread, has been mounted.

- Groover acts as own locking nut.
- Bearing allows ease of set-up.
- Grooves can be routed near to the bottom of a rebate.
- Arbor supplied with spacers.



GROOVERS

Kerf mm	Dia. mm	Bore	Product Ref.	Price
2.0	50.0	M12	34/03	£62.98
2.5	50.0	M12	34/9	£63.58
3.0	50.0	M12	34/10	£63.58

ARBORS

	Product Ref.	Shank Dia. 1/2"
For use with side-fence	33/10	£14.64
For use with bearing guide	33/20	£14.64

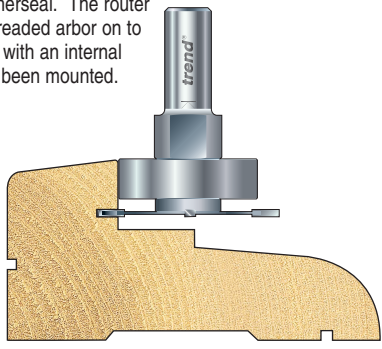
BEARINGS

Groove Depth mm	Product Ref.	Price
6.0	B38	£10.13
6.5	B37	£6.06
7.0	B36	£10.13
7.5	B35	£10.13
8.0	B34	£10.13
8.5	B33	£13.69

This chart matches the ball bearing with the relevant groove depth when used with arbor Ref. 33/20 and the groovers above.



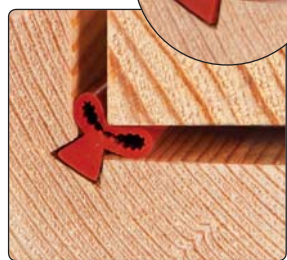
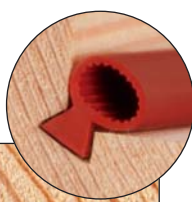
18,000
Stepped groove using a bearing guide.



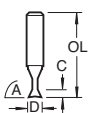
Arbor: Ref. 33/20
Slotter: Ref. 34/03
Bearing: Ref. B38

ROUTASEAL CUTTER

- Cuts groove for Trend Routaseal.
- Position seal into apex of jamb and stop.
- More economic to use than more complex seals.
- Use with a small 1/4" shank hand router.



Seal ideally fitted into apex of frame.
Can also be fitted into the closing face.

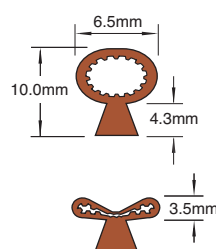


A Deg.	C mm	D mm	OL mm	Product Ref.	TCT 1/4"	Price
115°	3.0	5.0	61.0	31/10L	£32.46	

ROUTASEAL STRIP

- High grade silicon rubber weatherseal.
- Will withstand temperatures of -30° to +200°C.
- Recessed using a small 1/4" shank hand router.
- Can be slid or tucked in from the top face.
- Compresses to approximately 3.5mm.
- Groove depth should be 3mm.

See page 188 for prices.



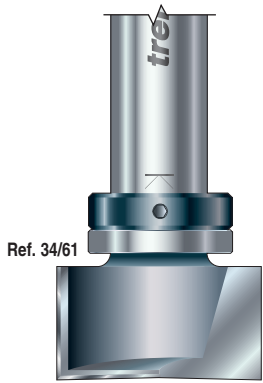
Not shown actual size.



Colour	Approximate Length	Product Ref.
White	5 metres	RS/W/5
White	10 metres	RS/W/10
White	25 metres	RS/W/25
Brown	5 metres	RS/B/5
Brown	10 metres	RS/B/10
Brown	25 metres	RS/B/25

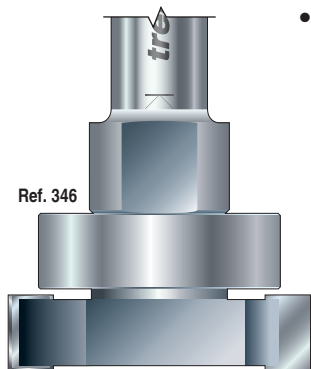


INTUMESCENT & SMOKESEAL RECESSING



BEARING GUIDED INTUMESCENT RECESSER

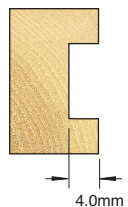
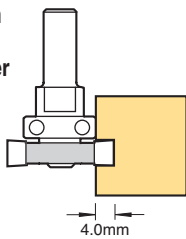
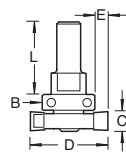
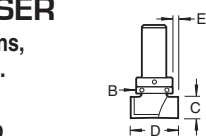
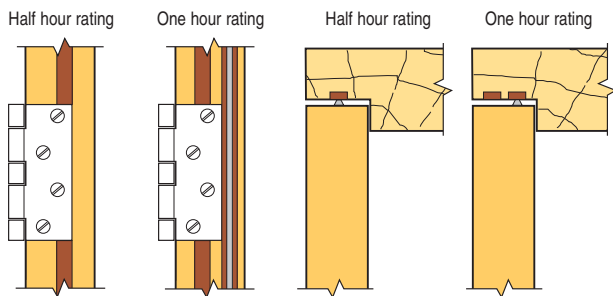
- For either frame or door applications, with standard or Intumescent Strip.
- Neatly cuts grooves on doors or frames to accept Intumescent Strip which enables the formation of effective barriers to both fire and smoke.
- Two types of tool available:
 - 4mm fixed depth tool Refs. 34/60 & 34/61.
 - 4mm threaded system tool Refs. 345, 346, 348 & 356.



- For the threaded system, tools can also be used with alternative bearing diameters to allow for other strip thicknesses.
- For 4.0mm thick intumescent strip.
 Refs. 34/60 & 346 for 10mm width.
 Refs. 34/61 & 348 for 15mm width.
 Ref. 345 for 20mm width.
 Ref. 356 for 25mm width.

INST Instructions supplied with threaded system.

DOOR APPLICATIONS



INTUMESCENT STRIP RECESSING CUTTERS

(Fixed for 4.0mm thick strip)

C mm	D mm	B mm	E mm	L mm	Product Ref.	Shank Dia. 1/2"
10.0	27.05	19.05	4.0	75.0	34/60	£45.30
15.0	27.05	19.05	4.0	80.0	34/61	£45.30

INTUMESCENT RECESSING CUTTER SETS (Threaded System for 4.0mm thick strip. See below for other thicknesses).

C mm	D mm	B mm	E mm	L mm	Product Ref.	Shank Dia. 1/2"
10.0	40.0	32.0	4.0	41.0	346	£91.54
15.0	40.0	32.0	4.0	41.0	348	£91.54
20.0	40.0	32.0	4.0	41.0	345	£91.54
25.0	40.0	32.0	4.0	41.0	356	£91.54

REPLACEMENT PARTS (Threaded System)

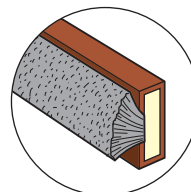
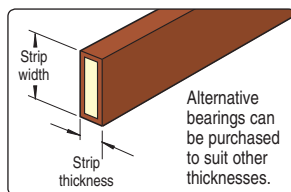
Product Ref.	Price
Arbor for Ref. 346	33/20 £14.64
Arbor for Ref. 348	33/21 £14.64
Arbor for Ref. 345	33/22 £14.64
Arbor for Ref. 356	33/27 £14.64
Bearing 32.0mmØ	B32 £10.13
Slotter 40.0mm x 10.0mm kerf	34/15 £68.64
Slotter 40.0mm x 15.0mm kerf	34/16 £68.64
Slotter 40.0mm x 20.0mm kerf	34/17 £68.64
Slotter 40.0mm x 25.0mm kerf	34/18 £68.63

THREADED SYSTEM TOOL ALTERNATIVE BEARINGS

(For other strip thicknesses) *

Bearing mmØ	Strip Thickness mm	Product Ref.	Price
36.0	2.0	B36	£10.13
34.0	3.0	B34	£10.13
30.0	5.0	B30	£10.90
28.0	6.0	B28	£10.90
26.0	7.0	B26	£8.36

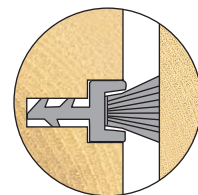
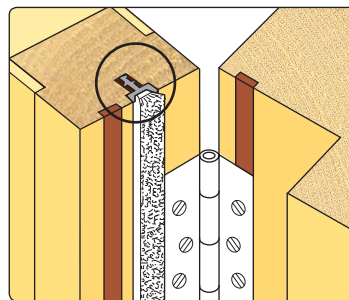
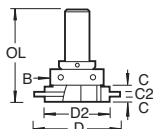
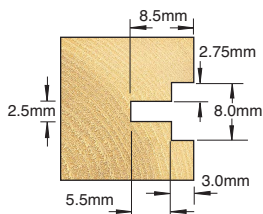
* A spacer set Ref. SPACER/12 may be required for some bearings.



BEARING GUIDED SMOKESEAL RECESSER

Refs. 332 and 333 are designed to accommodate quick fit smoke seal brush strips. The groove is cut in the door edge rather than the frame.

Ref. 332 must be used with a side-fence, whereas Ref. 333 comes complete with a guide bearing to reduce setting-up time.



C mm	C2 mm	D mm	D2 mm	B mm	OL mm	Product Ref.	Shank Dia. 1/2"
8.0	2.5	45.0	34.0	-	58.0	332	£100.14
8.0	2.5	45.0	34.0	28.0	58.0	333	£100.14