

Technical/General Details of products

"CUTWELL" BANDKNIVES ARE KNOWN FOR:

- Holds Cutting edge and thus have Long Life
- Excellent welding process
- Straightness, No Wobbling, No Run out
- The surface is well polished minimizing the risk of damage to the jaw plates.
- Does accurate splitting, Neat & Clean Cutting

Cutwell Bandknives are produced under the supervision of Experts who have more than 45 years experience in the production of Raw materials & Bandknives. Quality control is done starting from thorough inspection of Raw Material to every stage of production unto Finishing, Marking and Packing. Qualified experienced Engineers carry this out.

Finest Quality Steel

The steels we use have a chemical analysis and physical properties that have proved, both in metallurgical test and splitting trials at customers' works, to have particularly good resistance to back edge cracking and yet hold a sharp cutting edge to give maximum life / cost performance.

The steel is hardened and tempered to suit the application and after grinding and polishing has excellent anti-scuffing properties minimising the risk of damage to jaw plates which are expensive to replace.

PRODUCTS: BANDKNIFE BLADES (70%) –Endless Welded --In coils
: **BANDSAW BLADES** (10%) –Endless Welded --In coils
: **SKIVING BELL KNIFE**(10%)
: **GRINDING WHEELS** (10%)

INDUSTRIES SERVED: FOAM, POLYURETHANE, POLYSTYRENE, PLASTIC, (40%)
: **LEATHER, FOOTWEAR, LEATHER GOODS** (40%)
: **CORK** (5%)
: **EVA, RUBBER** (5%)
: **TEXTILES, Garments**
: **PAPER, Tissue Paper**
: **WOOD**
: **BREAD, BUNS**
: **GLASS**

WOOL, STONE WOOL, MINERAL WOOL

FELT

:

FOILS

:

BANDKNIFES ARE AVAILABLE EITHER ENDLESSLY WELDED OR IN COILS.

We produce Band Knives in thickness of 0.45, 0.50, 0.60, 0.70, 0.80, 1, & 1.2 mm and in the width of 3-100 mm. We can supply Band knife in any tooth shape also, as required by you.

**BANDKNIFE BLADES RANGE: 3MM to 100mm in width,
: 0.4mm to 1.2 mm in thickness**

**BANDSAW BLADES RANGE: 3MM to 150mm in width,
: 0.4mm to 1.6 mm in thickness**

EDGE TYPES : STRAIGHT, WAVY, CONCAVE,

Band knife Blades:

a)Foam

We produce band knives for all Machines including following make machines:

Fecken-Kirfel Models: C51, C52, F52, H24A, W21, W22

Albrecht Bäumer GmbH & Co. KG- Models: Splitting Machines BSR, Cutting Machines BSL 102, BSL 204,BSL-D,BST-D,BST 140,BST 150,BFS

Others

Our Bandknives & Bandsaw Blades are suitable for:

Cross Cutting, Vertical Cutting, Horizontal Splitting, Long Bun Splitting, Horizontal Contour Cutting, Profiling (Convoluting), Vertical Contour Cutting, Peeling, Horizontal Split Stacking Vertical Sawing, Horizontal Sawing. Bandsaws for Rigid PU Foams, Rigid PVC, Expanded Polystyrene, Rigid Phenolic Resin Foam & Phenolic Honeycomb



Generally we produce in the following sizes, but we can produce in any size required by you:

11000 x 30 x 0.45	9680 x 30x 0.45 11000 x 40 x 0.50 5436 x 25 x 0.45.
9590 x 30 x 0.45	8230 x 30 x 0.45 9200 x 40 x 0.50 8775 x 25 x 0.45
10360 x 30 x 0.45	7860 x 30 x 0.45 8230 x 40 x 0.50 7860 x 25 x 0.45.
10100 x 30 x 0.45	7000 x 30 x 0.45 6700 x 40 x 0.50 8820 x 25 x 0.45.
9450 x 20 x 0.45	7870 x 15 x 0.45 10200 x 10 x 0.45 8400 x 40 x 0.60.
10530 x 20 x 0.45	7840 x 15 x 0.45 6430 x 10 x 0.45 11890 x 40 x 0.60.
6650 x 20 x 0.45	7880 x 15 x 0.45.
8850 x 20 x 0.60	8630 x 15 x 0.45.
8400 x 20 x 0.5	8000 x 15 x 0.45(tw).
7735 x 20 x 0.45	7860 x 15 x 0.45(tw).

BANDKNIVES WITH DOUBLE EDGE ARE EITHER WELDED STRAIGHT OR TWISTED.



for cutting soft plastics



for cutting hard plastics



for cutting the most wide-ranging types of rubber

Contour Blades

A range of narrow bandknives for use on fully automated CNC machines, or on manually positioned for cutting contours. Available in straight edge or toothed edge, and in widths from 3mm to 4.5mm. Can be produced as continuous loops or as straight lengths for reciprocating machines.

Diamond" Toothed Edge



for cutting the most wide-ranging types of rubber

A V-shaped toothed bandknife available in single or double edge, with teeth per inch (tpi) from 3 tpi to 20 tpi. Used to cut more rigid or higher density foam, the teeth give greater penetration to the cut. Toothed bandknives can also be used for cutting abrasive foam, or any similar application where a straight edged blade would wear quickly. They also offer extended blade life where the machine is not fitted with a sharpening attachment. Available in widths from 10mm to 32mm.

File-Resharpenable

Traditional file-resharpenable wood bandsaw, available toothed only, or toothed, set and sharpened. The set pattern of ETS (each tooth set) allows the blade to be resharpened by files. Available in widths from 3mm to 70mm.

Scallop Edge



for cutting harder synthetics-based textiles

A scallop edge bandknife for many food slicing applications including boneless meats, processed meats, cheeses, and soft - boned meats. Also used for cutting rubber seals and gaskets, packaging material, and other applications where an initial penetration is needed. Available in widths from 10mm to 25mm with various pitches and gullet depths.

Straight Edge



Straight edge bandknife is available with a single or double edge, for cutting flexible foam or other soft and fibrous materials. Available in widths from 3mm to 85mm for vertical and horizontal cutting and splitting, with a variety of bevelling options.

Wavy Edge



for cutting toilet paper, ordinary paper, corrugated paper, soft plastics or rubber

foam, etc.

wavy edge bandknife for cutting materials such as tissue, paper and textiles, the wavy edge gives a clean, smooth finish. Available in widths from 13mm to 25mm and in a short wave pitch or long wave pitch.

Band knife Blades:

b) Leather Shoe Uppers

Leather Goods like Garments, Purses, Gloves, Belts etc.



We produce Splitting band knives for all Machines including following make machines:

Svit, Linta, Alpe, Omsa, Camoga, Alberti, Ellegi, Fortuna, Albeko, Mosconi, Poletto, Rizzi, Turner

Generally we produce in the following sizes, but we can produce in any size required by you:

3350 x 50 x 0,8 mm	2650 x 50 x 0,6 mm	2065 x 40 x 0,5 mm
3570 x 50 x 0,8 mm	2662 x 50 x 0,6 mm	2580 x 40 x 0,5 mm
3600 x 50 x 0,8 mm	2790 x 50 x 0,6 mm	2590 x 40 x 0,5 mm
3700 x 50 x 0,8 mm	2800 x 50 x 0,6 mm	2768 x 40 x 0,5 mm
3800 x 50 x 0,8 mm	2830 x 50 x 0,6 mm	3350 x 40 x 0,5 mm
3950 x 40 x 0,5 mm	3245 x 50 x 0,7 mm	2590 x 40 x 0,6 mm
2060 x 40 x 0,4 mm	3485 x 50 x 0,7 mm	3350 x 40 x 0,6 mm
2065 x 40 x 0,4 mm	3500 x 50 x 0,7 mm	3950 x 40 x 0,6 mm

Band knife Blades:

c) EVA

Rubber and Plastics Industries:



For splitting machines - Baumer, Fecken-Kirfel, Mercier, Murphy, Turner.
We produce Bandknife Blades for Splitting EVA Sheet & in Roll Form.

We produce in all sizes including the following sizes:

- 4600× 75× 0.8mm
- 7440× 90× 1.02mm
- 8070x90x1.02mm
- 8100× 90× 1.02mm
- 7500x88x1.2mm
- 5875x88x1.2mm

Band knife Blades:

d) Cork Industry:

For splitting machines - Fecken-Kirfel , Turner & all other machines.

Can Split very thin sheet also.

We produce in all sizes including the following sizes:

- 7800x85x1mm
- 7800x75x1mm
- 7810x63x1mm
- 7810x85x1mm

**Band knife Blades:
e) Leather Tanneries**



For splitting machines - Alpe, Linta, Mercier, Mercier Turner, Moenus Turner, Mosconi, Murphy Poletto, Rizzi, Svit, Turner (of English, German and USA manufacture).

We produce in all sizes including the following sizes:

- 7770x85x1.2mm
- 8330 x85x1.2mm
- 9450 x85x1.2mm
- 10130 x85x1.2mm
- 11230 x85x1.2mm
- 12855 x85x1.2mm

**Band knife Blades:
Sheepskin Industry:**

For sheepskin shearing machines - Capdevila, Gemata, Pohlandt, Polvara, Selbeck, Turner.

**Band knife Blades:
Paper**




Living paper mechanical strip cutter

Used in: Diversified living paper making factories, honeycomb paper etc.
sizes:

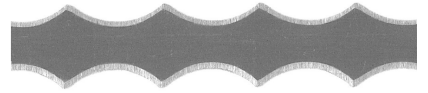
- 2750x32x0.6
- 3750x32-40x0.6
- 6850x32-40x0.6

f) Bandknife Blades in coils:

BANDKNIFE BLADES IN 30 METER COILS

WidthXThickness	Edge Type	Bevel s	Heels	
13 x 0.50 mm (1/2" x .020")	Straight	DBSE	2	
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6.5x0.50mm(1/4"x.020")	Straight	DBDE	4	
13x0.65mm(1/2"x.025")	"	"	"	
19x0.65mm(3/4"x.025")	"	"	"	
19x0.80mm(3/4"x.032")	"	"	"	
25 x0.65 mm(1"x.025")	"	"	"	
25x 0.80 mm(1"x.032")	"	"	"	
38x0.50 mm(1-1/2"x.020")	"	"	"	
13x0.65 mm(1/2"x.025")	Wavy Edge	DBDE	4	
19x0.65 mm (3/4"x.025")	"	"	"	
19x0.80 mm (3/4"x.032")	"	"	"	
25x0.80 mm (1"x.032")	"	"	"	

10x0.50 mm (3/8"x.020")	Scallop Edge	DBDE	
13x0.65 mm (1/2"x.025")	"	"	"
19 x 0.65 mm (3/4"x.025")	"	"	"
19x0.80 mm (3/4"x.032")	"	"	"
25x0.65 mm(1"x.025")	"	"	"
25x0.80 mm (1"x.032")	"	"	"



(13x0.65 mm (1/2"x.025"))	Vee Tooth Edge	DBDE	4
19x0.65 mm (3/4"x.025")	"	"	



DE: Double Bevel Double Edge
 DBSE: Double Bevel Single Edge
 SBDE: Single Bevel Double Edge
 SBSE: Single Bevel Single Edge
