



# CUTTING EDGE SELECTIONS

**Score Slitter Knives** require different cutting edges for different materials. The right cutting edge assures cleaner slitting faster, at lower cost. The diagrams below present general recommendations developed through our many years of experience in the design and manufacture of slitting knives. Our specialists will be happy to recommend the cutting edge best suited to your requirements.

**KNIFE-EDGES:** Regardless of the material being slit, score-cut knives should have rounded edges. Experience may show that other combinations of included angles and edge radii may give more satisfactory results on particular materials. These illustrations, however, should be used as a guide. The cross-sections show the mean radius of each class of edge magnified approx. 60 times.

"A" Edge



.002 to .004  
Radius

"B" Edge



.006 to .008  
Radius

"C" Edge



.010 to .012  
Radius

A



**30° Included angle**  
Cellophane • Board  
Pressure •  
Sensitive Tape •  
Cork - Linoleum •  
Acetate

B



**30° Included angle**  
Paper back foil •  
Waxed paper • Rubber  
• Plastic (over .01) •  
Surgical Adhesive •  
Pulp

C



**45° Included angle**  
Waxed Paper •  
Impregnated Paper

B



**60° Included angle**  
Gauze • Textiles •  
Non-woven

B



**45° included angle**  
Glassine • Plastic (to  
.01) • Tissue •  
Newsprint • Light Paper  
• Crepe Paper • Kraft  
Paper • Mica Tape •  
Masking Tape

C



**60° Included angle**  
Sandpaper •  
Abrasive Fabrics

**SHEAR CUT:** These two illustrations show the cutting edge angles that have been successfully used on converter and mill-type winders. Our specialists will recommend the best cutting edges for particular materials.



Used on smaller diameter shear-cut knives such as those used on converter type winders.



Used on larger diameter shear-cut knives such as those used on mill type winders.

**KNIFE SHARPENING IS OUR SPECIALTY  
NOT A SIDELINE**

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