

Score Knives

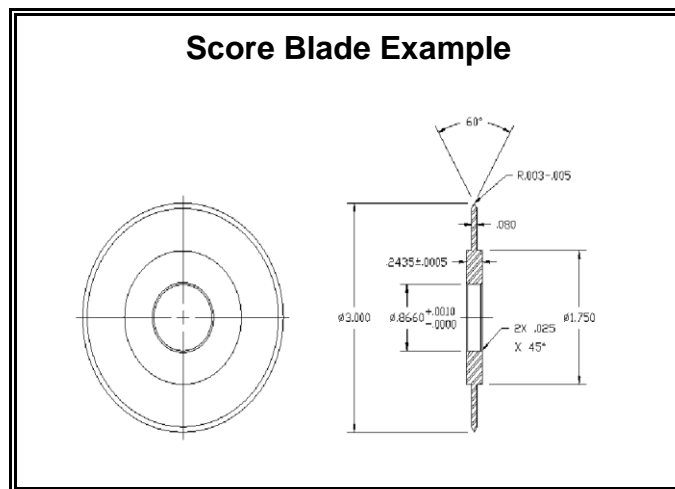
Carolina Knife Company
224 Mulvaney Street
Asheville NC, 28803

Phone US 828-253-6796 Fax US 828-258-0693

On the web at: www.carolinaknife.com and www.cknife.com



We stock many different type score knives. Pick your knife from the enclosed chart, call us and we can quote you. 90% of all score or crush cutting blades are made from 52100 steel. For better wear resistance some applications require D2 steel, so that is a consideration. Call or email us for current price and delivery.



Thank you for your interest.

Wally Ashbrook
Wally@cknife.com

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Cross Reference Chart

Carolina Knife #	Outside Dia.	Inside Dia	Hub Thickness	Alcon #	Cameron #	Dusenbury #	Schreiber #	Miscellaneous
500	3.000	0.7481	0.2485	300	229041	229041		Clary, Hamilton
501	3.000	0.7481	0.2485	301	229001	229001		Arrow Cor 214033
502	3.000	0.8660	0.2485	302	793A	229004		Johnstone S8-32
506	3.000	0.8750	0.2495	306		229003		Arrow Conv.
507	3.000	0.7481	0.1245	307	314	229021		214032
508	3.000	1.1810	0.3745	308	344A	229013		
508A	3.000	1.1810	0.3745	308A				
509	3.000	1.1250	0.2500	309				
512	3.000	0.7481	0.0565	312				
514	3.000	0.7481	0.2435	314	229002			
515	3.000	0.8750	0.2435	315				
519	3.000	0.7480	0.2050	319				
521	3.000	0.7481	0.2485	321				
522	3.000	0.8660	0.2435	322				
523	3.000	0.8750	0.2495	323				Aston
580	3.000	0.7500	0.2500	380				Didde-Graphics
582	2.250	0.8744	0.4375	382				
583	2.500	1.1312	0.3750	383				
584	2.000	0.2500	0.1870	384				
585	2.000	0.6250	0.1870	385			461 A5009	Dutro
586	1.500	1.2500	0.1250	386				Speed Flex
587	2.625	0.7477	0.2485	387			461 M5061	Wester Gear

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588	2.625	0.7477	0.2485	388			461 A2	Ashton
589	2.625	1.0000	0.2500	389			461 A156	
590	3.000	0.7472	0.2435	390				ATF SW8 Kidder
591	3.000	0.8653	0.2435	391				WZ-111A Kidder
592	3.000	0.8653	0.2780	392				WZ-37A Kidder
593	3.000	0.8660	0.2436	393				WZ-50A
601	4.000	1.3780	0.4370	401				
602	4.000	1.1810	0.3750	402				
603	4.000	1.4687	0.1245	403				
604	4.500	1.5750	0.4990	404	18436A			
605	4.250	0.7500	0.1250	405				
606	4.500	1.2495	0.0925	406	20530			

Please Note: Thin Rim models #521,522,523,524 maybe substituted for Cameron #428B, 793A, Johnstone #S8-32 & Dusenbury #229002, respectively, when a thinner cross section of cutting edge and rim is desired.









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

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“A” Edge  .002 to .004 Radius 30° Included angle Cellophane° Board Pressure ° Pressure Sensitive Tape° Cork ° Linoleum° Acetate	“B” Edge  .006 to .008 Radius 30° Included angle Paper back foil ° Waxed paper° Rubber° Plastic (over .01) ° Surgical Adhesive° Pulp	“C” Edge  .010 to .012 Radius 45° Included angle Waxed Paper ° Impregnated Paper	“A” Edge  .002 to .004 Radius 60° Included angle Gauze° Textiles° Non-woven	“B” Edge  .006 to .008 Radius 60° Included angle Sandpaper° Abrasive Fabrics	“C” Edge  .010 to .012 Radius 45° Included angle Glassine° Plastic (to.01)° Tissue° Newsprint° Light Paper° Crepe Paper° Kraft Paper° Mica Tape° Masking Tape
30° Used on Smaller shear- cut knives such as those used on converting type winders.	30° 	45° Used on larger diameter shear-cut knives such as those used on mill type winders.	45° 		

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-section shows the mean radius of each class of edge magnified approx. 60 times.

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Holder Part Number: BUR135041-52100

