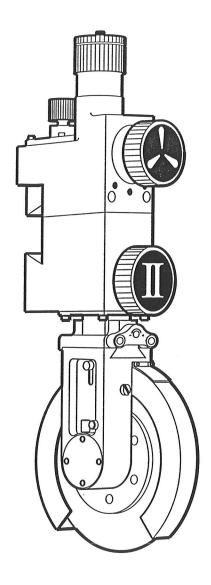
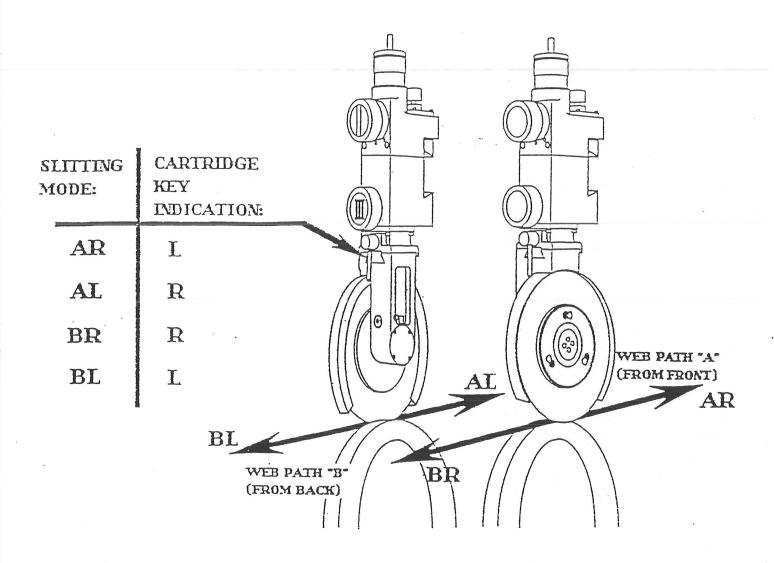


TIDLAND SERIES "C" KNIFEHOLDERS

TECHNICAL MANUAL 2.03

Part Number 131071





THE SERIES "C" KNIFEHOLDER

The Series "C" Knifeholders are available in three classes, to allow a full range of options to fit all shear slitting and score slitting material requirements.

			V						
	Class I	Class II	Class III						
Materials	Paper, plastic coated papers, foil covered papers, laminates, films including polyethylene, polypropylene, co-extrusions.	Papers, coated papers, foils, fine printing papers, chrome coated, poly coated, paperboard, non-wovens, all films.	Non-coated papers, tissues, newsprint, kraft paper, chipboard, roofing felt, floor covering.						
Blade Diameter	3.5" (90mm)	5.9" (150mm)	7.87" (200mm)						
Minimum Slit Width	1.3" (33mm) std/1" (25mm) spcl	2" (51mm)	3" (76mm)						
Maximum Speed	3,500 fpm (1,000 mpm)	5,500 fpm (1,600 mpm)	8,000 fpm (2,400 mpm)						
Air Pressure Requirements	1-1/2 cfm @ 90 psi	1-1/2 cfm @ 90 psi	1-1/2 cfm @ 90 psi						
CRUSH Maximum Air Pressure	120 psi (8.3 bars)	(8.3 bars) 90 psi (6.2 bars)							
Locking Mechanism	pneumatic and manual								
Cant Angle	from 0° to 1° in .25° increments, right or left hand, all models								

Table A

CARTRIDGE OPTIONS

Removable cartridges are available in three options: air loaded shear, crush knives, and razor holder.

Shear	Crush	Razor			
Side blade mount from right or left.	Center blade mount.	Class I only.			
For standard and heavy use.	• For crush cutting only.				
Moderate side pressure.					

Table B

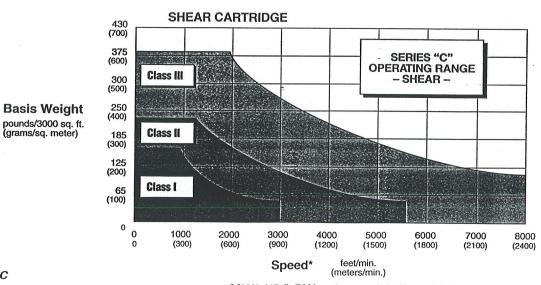


Table C

GSM X .615=lb./3000 sq. ft. meter/min. X 3.28=ft./min.

*NOTE: Factors such as blade runout and material density may affect usable operating range.

SPACE REQUIREMENTS

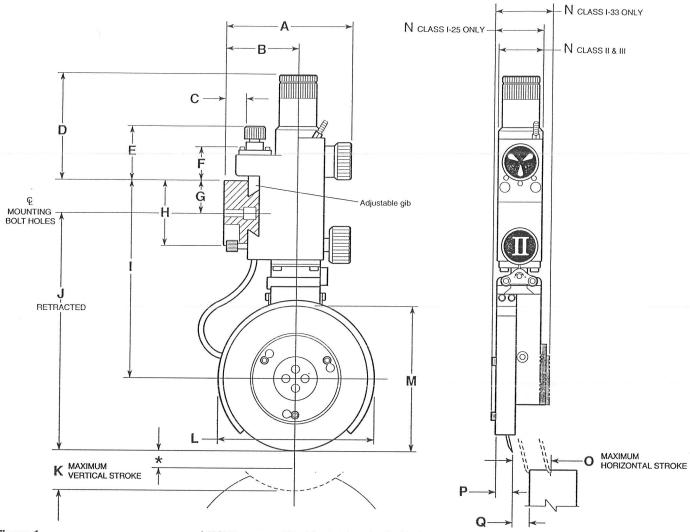


Figure 1

*NOTE: reserve 1/2 of the total stroke for blade re-grinding.

Inches	A	В	C	D	E	F	G	Н	1	J	K	L	M	N	0	Р	Q
Hass 1-25	4.4	2.43	.6	3.5	2.1	- 1.3	80,1	1,9	5.90	6.59	63	3,9	3.5	1.00	.07	.16	.03
Class I-33	4.4	2.43	.6	3.5	2.1	1.3	1.08	1.9	5.90	6.59	.63	3.9	3.5	1.34	.16	.17	.08
Class II	5.0	2.97	.8	4.0	2.3	1.5	1.28	2.3	8.01	9.69	1.00	6.3	5.9	1.75	.16	.45	.08
Class III	6.0	3.47	.8	4.0	2.3	1.5	1.28	2.3	9.02	11.67	1.00	8.3	7.9	2.75	.24	.88	.12

Millimeters	A	·B	C	D	E	F	G	Н	1	J	K	L	М	N	0	P	Q
Flass I-25	112	61.7	115	90	53	33	27.4	48	149.9	167.4	16.0	99	90	25.4	1.8	4.1	0.8
Class I-33	112	61.7	15	90	53	33	27.4	48	149.9	167.4	16.0	99	90	34.0	4.1	4.3	2.0
Class II	127	75.4	20	107	58	38	32.5	58	203.5	246.1	25.4	160	150	44.5	4.1	11.4	2.0
Class III	152	88.1	20	107	58	38	32.5	58	229.1	296.4	25.4	211	200	70.0	6.1	22.4	3.0

NOTE: Dimensions are nominal and represent the average of assembled units. They are not the specifications of individual parts nor do they reflect manufacturing tolerances. For example: Gib to guide bar set-up adjustment may vary \pm .015" (.05 mm) depending on factory setting.

Table D