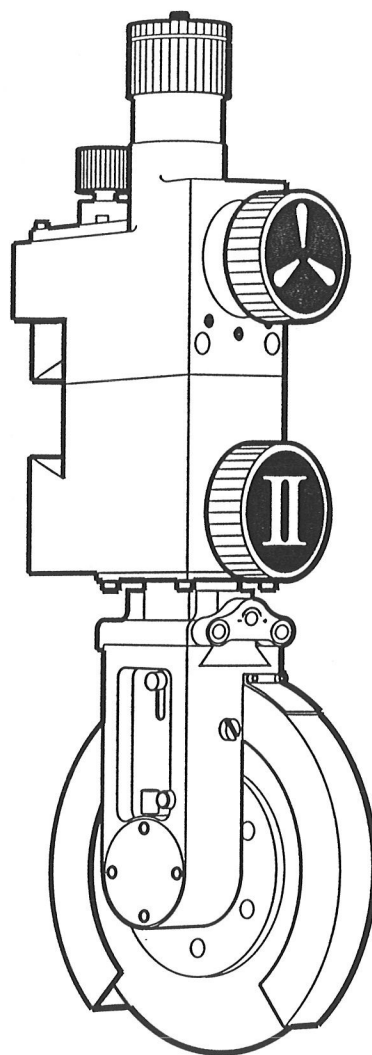


TIDLAND
SERIES "C"
KNIFEHOLDERS

**TECHNICAL
MANUAL 2.03**

Part Number 131071



February, 1994



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SLITTING
MODE:

CARTRIDGE
KEY
INDICATION:

AR

L

AL

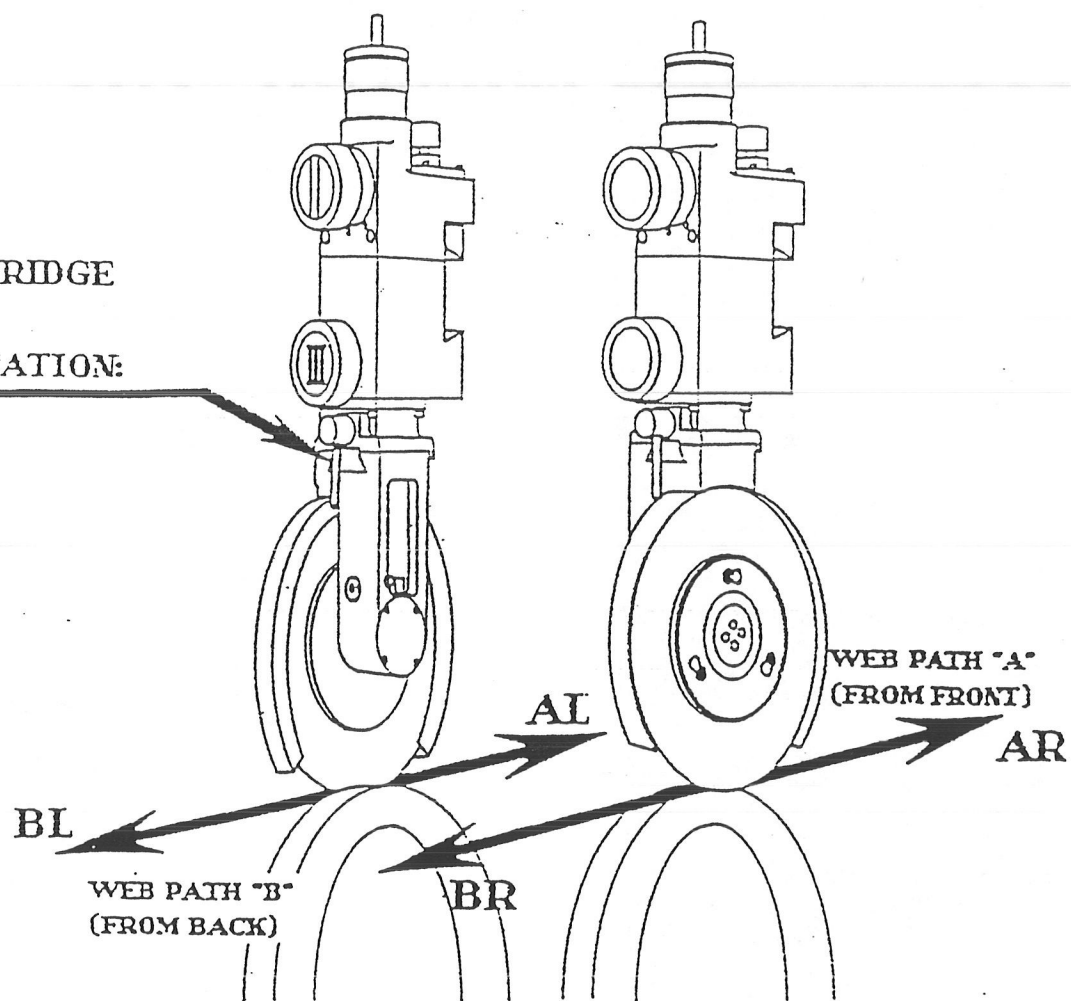
R

BR

R

BL

L



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.

CT-16
↓

	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, paper-board, 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)	90 psi (6.2 bars)	33 psi (2.3 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
<ul style="list-style-type: none"> • Side blade mount from right or left. • For standard and heavy use. • Moderate side pressure. 	<ul style="list-style-type: none"> • Center blade mount. • For crush cutting only. 	<ul style="list-style-type: none"> • Class I only.

Table B

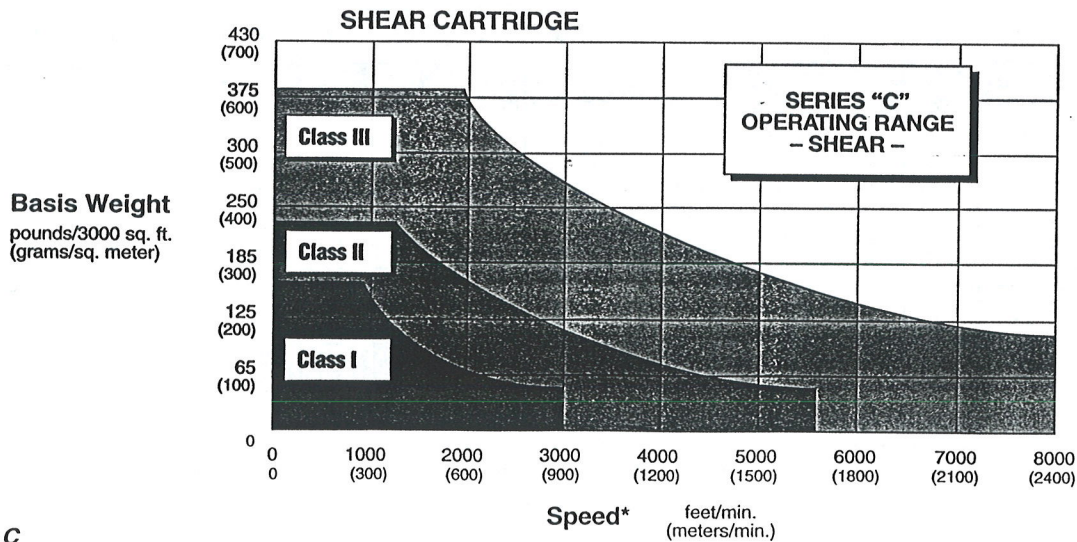


Table C

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



Millimeters	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
Class I-25	112	61.7	15	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

Table D