



CAMDRIVE®

The Compact Cam with "Interchangeable Precision"

Why Build & Repair Special Cams?

CAMDRIVE® Benefits:

- Low cost, versatile design
- Fits in smallest die space
- Fast delivery . . . even for options
- Interchangeable tolerances, metric
- Hardened components, high production

How to Select the Right Unit:

1. Calculate the piercing tonnage and stripping force needed.
2. Determine point size (D) and the stroke (A) needed.
3. Select the right CAMDRIVE® that fits your special needs. Specify point size on standards.

CAMDRIVE® Do's & Don'ts

- DO:** key in back of unit to resist force.
- DO:** effect piercing in last quarter of max stroke A.
- DO:** remember punch stroke is equal press stroke. 1:1 ratio.
- DON'T:** mount CAMDRIVE® greater than 15° without using angle mount option trigger. Note: 30° max angle with option. No positive return on angles.
- DON'T:** overstroke the unit.
Max trigger stroke = A



CAMDRIVE™

The "Die Maker's Friend"

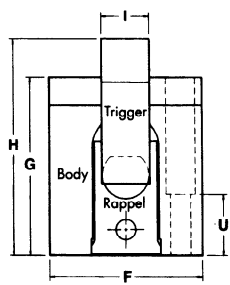
- Designed to "fit" and hold up under high production.
- Cuts die maker's time to install and service. \$\$\$

STANDARD UNITS

CATALOG REFERENCE	C-0250-		C-0375-		C-0500-		C-0625-		C-1000-		C-1500-	
	-11	-12	-11	-12	-11	-12	-11	-12	-12	-13	-12	-13
METRIC TONNE	1		2		3		5		10		18	
U.S. TON	1.1		2.2		3.3		5.5		11		19.8	
MAX. STRIP Force (daN) *	170		200		210		320		510		560	
MAX. STRIP Force (lbs.)	382		450		472		719		1146		1259	
POINT D	MM	1.5 to 4.7	3.2 to 7.9	4.7 to 11	9.5 to 14.2	14.3 to 22.4	22.5 to 31					
	Inch	.059 to .185	.125 to .311	.185 to .433	.374 to .559	.560 to .882	.883 to 1.22					
E	MM	51	76	64	91	75	98	87	112	126	158	168
	Inch	2.008	2.992	2.520	3.582	2.952	3.858	3.425	4.409	4.960	6.220	6.614
STROKE A	MM	9.5	19	13	22	16	25	19	28	32	50	38
	Inch	.374	.748	.512	.866	.630	.984	.748	1.102	1.26	1.968	1.496
B	MM	22	32	36	42	48	67					
	Inch	.866	1.260	1.417	1.654	1.889	2.638					
C	MM	6	10	13	16	25	38					
	Inch	.236	.394	.512	.630	.984	1.496					
F	MM	51	64	68	78	92	105					
	Inch	2.008	2.520	2.677	3.071	3.622	4.133					
G	MM	47	63	75	87	106	146					
	Inch	1.850	2.480	2.953	3.425	4.173	5.748					
H	MM	59	75	91	106	129	180					
	Inch	2.323	2.953	3.583	4.173	5.079	7.087					
I	MM	15	19	22	24	28	41					
	Inch	.591	.748	.866	.945	1.102	1.614					
J	MM	6	5	6.5	9	15	24					
	Inch	.236	.197	.256	.354	.591	.945					
K	MM	22	22	22	22	28.5	41.5					
	Inch	.866	.866	.866	.866	1.122	1.634					
L	MM	18	21	23	28	45	63					
	Inch	.709	.826	.906	1.102	1.772	2.480					
M	MM	26	50	32	57	38	59	42	66	77	110	105
	Inch	1.024	1.968	1.260	2.244	1.496	2.323	1.654	2.598	3.031	4.331	4.134
N	MM	18	23	30	35	35	45					
	Inch	.708	.906	1.181	1.377	1.377	1.772					
O	MM	—	26	—	32	—	38	—	42	50	62	
	Inch		1.024		1.260		1.496		1.654	1.969	2.441	
P	MM	37	46	50	56	66	79					
	Inch	1.457	1.811	1.968	2.205	2.598	3.110					
Q	MM	6	8	8	10	16	16					
	Inch	1/4	5/16	5/16	3/8	1/2	1/2					
R	MM	M6	M8	M8	M10	M14	M14					
	Inch	1/4	5/16	5/16	3/8	1/2	1/2					
S	MM	63	88	75	102	84.5	107.5	94	119	139.5	171.5	190.5
	Inch	2.480	3.465	2.953	4.016	3.327	4.232	3.700	4.685	5.492	6.752	7.500
T	MM	6	6	6	6	9	9					
	Inch	.236	.236	.236	.236	.354	.354					
U	MM	15	20	25	25	30	40					
	Inch	.591	.787	.984	.984	1.181	1.575					

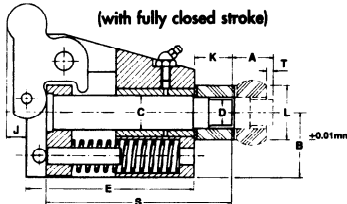
These are metric tools. All dimensions in MM and inch, except when otherwise stated.
* 1 daN = 2.24 lbs.; 1 mm = .0394 in.

End View

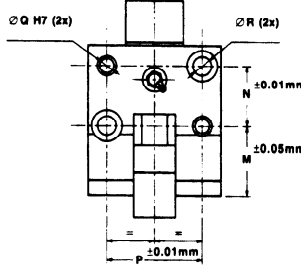


Side View

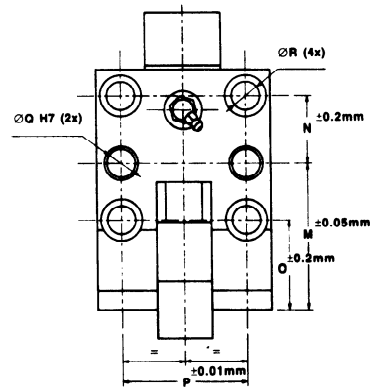
(with fully closed stroke)



NOTE: Maximum trigger stroke = A
Minimum trigger stroke = 3/4 of A



Top View
TYPE C-XXXX-11
for shorter strokes



Top View
TYPE C-XXXX-12/-13
for longer strokes