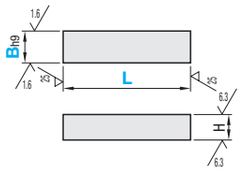
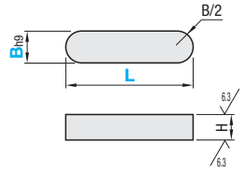
SLOTTED KEYS

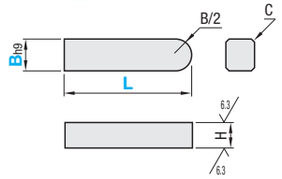
KED
KEDS (Stainless steel)



KES
KESS (Stainless steel)



KEG
KEGS (Stainless steel)



JIS B1301—1996
Tensile strength: 600N/mm² or more

Type			M
KED	KES	KEG	S45C
KEDS	KESS	KEGS	SUS316

Part Number Type	Bh9		L	H Tolerance		C
KED KEDS (Stainless steel)	2	0 −0.025	10 15 20	2	0 −0.025	0.16～0.25
	3		10 15 20 25 30	3		
	4	0 −0.030	10 12 15 16 18 20 25 30 35 40 45 50	4	0 −0.030	0.25～0.40
	5		10 12 15 16 18 20 25 30 35 40 45 50	5		
	6		10 12 15 16 18 20 25 30 35 40 45 50 55 60	6		
KES KESS (Stainless steel)	7	0 −0.036	15 20 25 30 35 40 45 50 55 60	7	0 −0.036	
	8		15 16 18 20 25 30 35 40 45 50 55 60 70 80			
	10		15 18 20 25 30 35 40 45 50 55 60 70 80	8	0 −0.090	0.40～0.60
KEG KEGS (Stainless steel)	12	0 −0.043	20 25 30 35 40 45 50 55 60 70 80			
	14		30 35 40 45 50 55 60 70 80 90	9		
	15		30 35 40 45 50 55 60 70 80 90	10		
	16		40 45 50 55 60 70 80 90 100			
	18		40 45 50 55 60 70 80 90 100 110	11	0 −0.110	

L	Tolerance
10	0 −0.15
12 15 16 18	0 −0.18
20 25 30	0 −0.21
35 40 45 50	0 −0.25
55 60 70 80	0 −0.30
90 100 110	0 −0.35

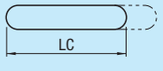
Order — Part Number: KED6 — L: 30

Price — Quotation

Days to Ship — Quotation

Alterations — Part Number: KED6 — L(C): LC28

Quotation

Alteration	Code	Spec.	1Code
Full length alteration 	LC	L dimension can be designated in 1mm increments.	Quotation

B	LC range	B	LC range
2	5～20	10	15～ 80
3	6～30	12	20～ 80
4	8～50	14	25～ 90
5	8～50	15	25～ 90
6	10～60	16	35～100
7	15～60	18	35～110
8	15～80		

SHOT COUNTERS FOR MOLD

Non JIS material definition is listed on P.1351 - 1352

Manufactured by PROGRESSIVE Corporation. Counter View is a trademark of PROGRESSIVE Corporation. PAT. PEND.

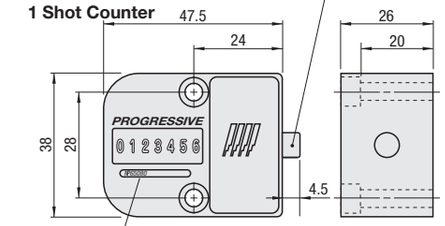
①Shot Counter

ID Plates for tool identification

②Actuation Block

M—CVPL (Parting line mount type) only ①
M—CVEX (External mount type) ①+②

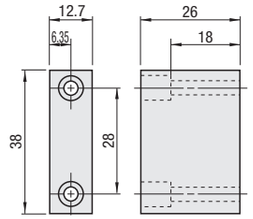
1 Shot Counter



ID Plate design is subject to change without prior notice.

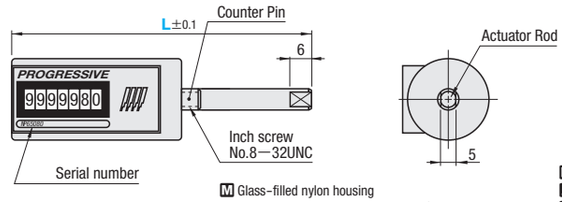
① M Glass-filled nylon housing
A Socket Head Cap Screws M4—25 (2 pieces)
ID Plates for tool identification
Maximum operating temperature 120℃

2 Actuation Block



① M Steel
A Socket Head Cap Screws M4—25 (2 pieces)

M—CVR (Round type)

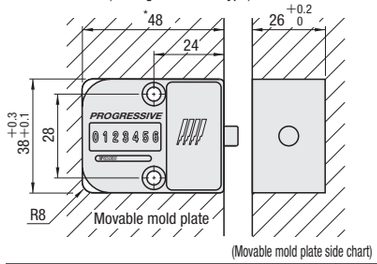


M Glass-filled nylon housing
Maximum operating temperature 120℃

M S45C
A Actuator Rod
S Electroless nickel plated

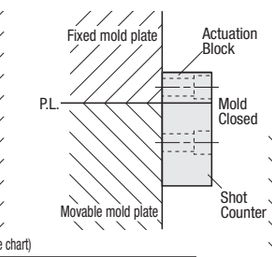
■Mounting dimensions and method

M—CVPL (Parting line mount type)



(Movable mold plate side chart)

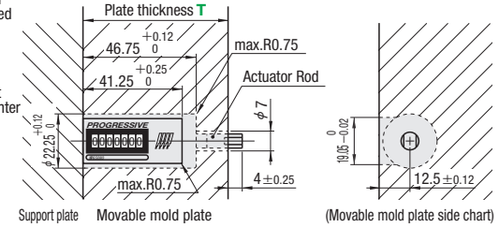
M—CVEX (External mount type)



Installation dimension shown in above figure is just for reference purpose.
Stroke distance of the counter pin for counting function is set at 3.75mm or more.
If the stroke is less than 3.75mm, the counter will not work.
Conversely, when the stroke exceeds 4.25mm, the counter may be damaged.

M—CVR

1.Bore the holes for the counter and actuator rod to the dimensions shown in the figure below, from the rear of the movable mold plate.
2.Slot an opening for the display panel of the counter to the dimensions shown in the figure below.
3.Ensure that the actuator rod protrudes 4.0mm above the parting line and decide L dimension depending on the mold plate thickness.
4.Screw the actuator rod into the plunger and insert the counter from the rear of the mold plate.
5.Retain the bottom of the counter with the support plate.



(Movable mold plate side chart)

Part Number	U/Price 1～9
M—CVPL (only ①)	Quotation

Part Number	U/Price 1～9
M—CVEX (①+②)	Quotation

Part Number	L 0.1mm increments	U/Price 1～9
M—CVR	60.0～124.0	Quotation

■Method of specifying the L dimension
L=Movable mold plate thickness T+actuator rod protrusion of 4.0mm
Specify taking into account the tolerance of the mold plate thickness T.
The protruding part of the actuator rod is the stroke of the actuator rod. If the stroke is less than 3.75mm, the counter will not work. Conversely, if the stroke exceeds 4.25mm, the counter may be damaged when the mold closes.

■Features

- Counting is actuated mechanically, no miscount will occur if counter is installed correctly.
- Each counter has a different serial number that will be used to identify the counter with the mold. Counters are sold in random order.
- ID Plate for tool identification is included for M-CVPL and M-CVEX only. Apply the adhesive seal at the back of the ID Plate to the front of the counter.

■Notes

The Counter is non-resettable mechanical.
For mold testing purposes, the 7-digit indicator does not start from 0(a value of 9999980 will be shown).
M—CVR Counter: Ensure that the actuator rod has a stroke of 4.0mm±0.25.

Order — Part Number: M—CVPL / M—CVEX / M—CVR — L: 64.2

Price — Quotation

Days to Ship — Quotation