

HAND-RETRACTABLE PLUNGERS

Knob: MATTE BLACK FIBER-REINFORCED NYLON THERMOPLASTIC  
Plunger: STEEL, HEAT TREATED  
Body Plate: STEEL, ZINC PLATED CLEAR CHROMATE



Knob Handle  
with Mounting Plate  
(Locking Type)

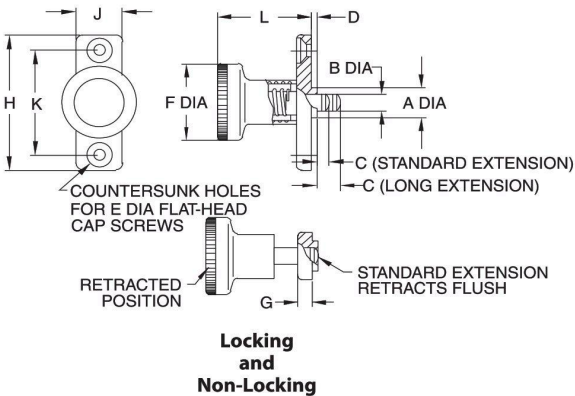


Knob Handle  
with Mounting Plate  
(Non-Locking Type)

Precision indexing plunger with an attractive knob handle for convenient retraction. Mounting-plate version installs in a fixed position with two flat-head screws, and is available with either a short or long plunger extension. High strength and durability in an extremely compact assembly. Hardened and ground plunger tip has a slight taper for easy alignment. Available in two types, locking and non-locking, each with a choice of short or long plunger extension.

Locking type has a spring-loaded plunger that locks in retracted position. To lock, pull knurled knob back and turn 90°. The body is notched at 90° to keep the knob in its retracted position.

Non-locking type has a spring-loaded plunger that stays extended by spring force except when manually held in retracted position.



LOCKING TYPE

| PART NO.<br>STANDARD<br>EXTENSION | PART NO.<br>LONG<br>EXTENSION | A<br>DIA |           | B<br>DIA |             | C                     |                   | D   | E<br>DIA  | F<br>DIA | G   | H    | J   | K     | L    | END FORCE<br>(LBS) |       |
|-----------------------------------|-------------------------------|----------|-----------|----------|-------------|-----------------------|-------------------|-----|-----------|----------|-----|------|-----|-------|------|--------------------|-------|
|                                   |                               | NOMINAL  | ACTUAL    | NOMINAL  | ACTUAL      | STANDARD<br>EXTENSION | LONG<br>EXTENSION |     |           |          |     |      |     |       |      | INITIAL            | FINAL |
| CL-8-HRPM-L                       | CL-8-HRPM-LE                  | 10mm     | .393/.390 | 6mm      | .2354/.2346 | .24                   | .55 (24 stroke)   | .10 | #8 or M4  | .98      | .18 | 1.57 | .71 | 1.181 | 1.12 | 1.9                | 4.9   |
| CL-10-HRPM-L                      | CL-10-HRPM-LE                 | 12mm     | .472/.468 | 8mm      | .3142/.3134 | .31                   | .71 (31 stroke)   |     | #10 or M5 | 1.22     | .22 | 1.81 | .79 | 1.339 | 1.32 | 3.5                | 6.3   |

NON-LOCKING TYPE

|              |               |      |           |     |             |     |                 |     |           |      |     |      |     |       |      |     |     |
|--------------|---------------|------|-----------|-----|-------------|-----|-----------------|-----|-----------|------|-----|------|-----|-------|------|-----|-----|
| CL-8-HRPM-N  | CL-8-HRPM-NE  | 10mm | .393/.390 | 6mm | .2354/.2346 | .24 | .55 (24 stroke) | .10 | #8 or M4  | .98  | .18 | 1.57 | .71 | 1.181 | 1.12 | 1.9 | 4.9 |
| CL-10-HRPM-N | CL-10-HRPM-NE | 12mm | .472/.468 | 8mm | .3142/.3134 | .31 | .71 (31 stroke) |     | #10 or M5 | 1.22 | .22 | 1.81 | .79 | 1.339 | 1.32 | 3.5 | 6.3 |