

## Push-On Knobs

x= outer diameter  
y= height



253  
x=.93  
y=.45



49  
x=.93  
y=.68



401  
x=.94  
y=.72



96  
x=.95  
y=.20



188  
x=.95  
y=.64



106  
x=.95  
y=.67



257  
x=.96  
y=.56



520  
x= 1.00  
y= .375



248  
x=1.01  
y= .68



289  
x= 1.04  
y= .54



66  
x=1.05  
y= .33



107  
x=1.05  
y= .52



108  
x=1.06  
y= .52



517  
x= 1.06  
y= .78



331  
x=1.10  
y= .52



13  
x=1.11  
y= .54



82  
x=1.14  
y= .36



14  
x=1.14  
y= .45



415  
x=1.15  
y= .35



510  
x= 1.19  
y= .61



45  
x=1.20  
y= .30



47  
x=1.20  
y= .54



282  
x=1.20  
y= .57



210  
x=1.23  
y= .64



92  
x=1.25  
y= .66

## Push-On Knobs

x = outer diameter  
y = height



67  
x = 1.27  
y = .33



412  
x = 1.28  
y = .61



109  
x = 1.33  
y = .52



110  
x = 1.33  
y = .52



349  
x = 1.35  
y = .56



449  
x = 1.35  
y = .64



445  
x = 1.39  
y = .54



437  
x = 1.40  
y = .55



391  
x = 1.40  
y = .58



418  
x = 1.50  
y = .52



105  
x = 1.51  
y = .54



233  
x = 1.52  
y = .27



341  
x = 1.52  
y = .50



194  
x = 1.57  
y = .57



223  
x = 1.57  
y = .83



462  
x = 1.61  
y = .24



400  
x = 1.77  
y = 1.18



420  
x = 1.80  
y = .58

## Push-On Knobs

x= outer diameter  
y= height



531  
x= .60  
y= .47



325  
x= .62  
y= 1.13



1334  
x= .76  
y= .63



268  
x= .77  
y= .64



246  
x= .78  
y= .65



285  
x= .88  
y= .59



321  
x= .88  
y= .77



231  
x= .90  
y= .67



6  
x= .91  
y= .57



266  
x= 1.11  
y= .64



281  
x= 1.12  
y= .59



363  
x= 1.13  
y= .65



444  
x= 1.14  
y= .52



359  
x= 1.14  
y= .58



112  
x= 1.14  
y= .67



361  
x= 1.14  
y= .73



427  
x= 1.20  
y= .82



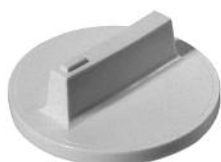
208  
x= 1.46  
y= .89



163  
x= 1.55  
y= .47



360  
x= 1.63  
y= .50



360  
x= 1.66  
y= .53



628  
x= 1.66  
y= .81



421  
x= 2.27  
y= .87



519  
x= 2.33  
y= 1.00



483  
x= 2.66  
y= 1.12

## Push-On Knobs

x= outer diameter  
y= height



392  
x=.34  
y=.32



228  
x=.35  
y=.51



319  
x=.41  
y=.39



688  
x=.44  
y=.78



357  
x=.64  
y=.47



259  
x=.67  
y=.52



344  
x=.72  
y=.77



138  
x=.75  
y=.68



1  
x=.79  
y=.40



387  
x=.81  
y=.46



388  
x=.81  
y=.48



377  
x=.81  
y=.58



27  
x=.91  
y=.58



162  
x=.92  
y=.52



126  
x=.98  
y=.76



315  
x=1.00  
y=.54



193  
x=1.00  
y=.62



132  
x=1.01  
y=.62



2088  
x=1.06  
y=.75



156  
x=1.12  
y=.54



18  
x=1.13  
y=.70



370  
x=1.17  
y=.55



173  
x=1.27  
y=.52



433  
x=1.27  
y=.62



375  
x=1.30  
y=.62



480  
x=1.50  
y=.85

**Push-On Knobs**

x= outer diameter  
y= height



232  
x= .50  
y= .68



264  
x= .52  
y= .65



432  
x= .52  
y= .72



378  
x= .64  
y= .39



234  
x= .69  
y= .66



455  
x= .70  
y= .57



265  
x= .75  
y= .75



394  
x= .77  
y= .67



265  
x= .77  
y= .77



161  
x= .78  
y= .33



98  
x= .87  
y= .63



261  
x= .83  
y= .57



153  
x= .83  
y= .57



419  
x= 1.08  
y= .56



129  
x= 1.12  
y= .75



324  
x= 1.12  
y= .98



324  
x= 1.13  
y= .52



129  
x= 1.14  
y= .88



303  
x= 1.33  
y= .43



118  
x= 1.35  
y= .56



196  
x= 1.40  
y= .64



286  
x= 1.40  
y= .87



506  
x= 1.50  
y= .94



379  
x= 1.61  
y= .83



316  
x= 1.63  
y= .58



425  
x= 1.63  
y= .86



423  
x= 1.64  
y= .89



428  
x= 1.67  
y= .80



351  
x= 1.76  
y= .98



430  
x= 1.98  
y= .75

## FLUTED KNOBS

### Push-On Knobs

x= outer diameter  
y= height



405  
x=.56  
y=.34



436  
x=.63  
y=.31



404  
x=.86  
y=.58



374  
x=1.20  
y=.70



385  
x=1.26  
y=.64



406  
x=1.44  
y=.77



508  
x= 1.62  
y= .44

## BUTTONS & SLIDERS

### Push-On Knobs



124  
x= .24  
y=.20



A103  
x=.42  
y=.30



A11  
x=.45  
y=.31



A115  
x=.44  
y=.40



A52  
x=.50  
y=.50



A121  
x=.60  
y=.30



A51  
x=.39  
y=.50



A120  
x=.43  
y=.36



A93  
x=.61  
y=.57



A113  
x=1.50  
y=.34



503  
x= .74  
y=.45



503  
x= .74  
y=.45



703  
x=.20  
y=.40



724  
x=.29  
y=.44



782  
x=.39  
y=.44



## OVEN & GRILL KNOBS

### Push-On Knobs

x= outer diameter  
y= height



421  
x=2.27  
y= .87



423  
x=1.64  
y= .89



434  
x=1.77  
y=1.27



439  
x=2.34  
y= .93



468  
x=1.95  
y=1.47



483  
x= 2.66  
y=1.12



500  
x=1.64  
y= .89



584  
x=2.00  
y= .96



626  
x= 2.50  
y=1.71



668  
x= 1.63  
y=1.47



531  
x=1.00  
y= .67



544  
x=1.50  
y= .67



746  
x=1.83  
y= .88



740  
x=2.00  
y= .88



748  
x= 2.50  
y=1.00

## BUMPERS

x= outer diameter  
y= height



AK574  
x= .610  
y= .490



AK575  
x= .700  
y= .375



AK576-4  
x= .986  
y= .813



AK577-8  
x= .610  
y= .490



7117  
x= .880  
y= .870



REC2081S  
x= .625  
y= .313



REC2082S  
x= .625  
y= .500



REC2084S  
x= .750  
y= .375



## ***We make the parts you need***

NOT ONLY DO WE MANUFACTURE  
THE WORLD'S LARGEST SELECTION OF KNOBS ...



WE MAKE AN ENDLESS ASSORTMENT  
OF QUALITY INDUSTRIAL COMPONENTS.

**Adjustable Ratchet Handles • Adjustable Tension Levers • Handwheels • Crank Handles  
Aluminum Bridge & Ledge Handles • Hinges • Dimple & Metal 1 and 2 Prong Knobs  
Index Pulls • Cam Style Plungers • Leveling Feet • Custom Molding and Tooling**

We manufacture both English and metric sizes. We also make parts to order  
in custom sizes and offer a variety of materials and finishing options.

***Send us an rfq* [www.ehcoem.com](http://www.ehcoem.com)**





Through the use of robotics and specialized automation systems, EHC is able to better implement continuous improvement programs that will reduce costs, and ensure maximum output and quality.



## PUSH-ON KNOB SERIES

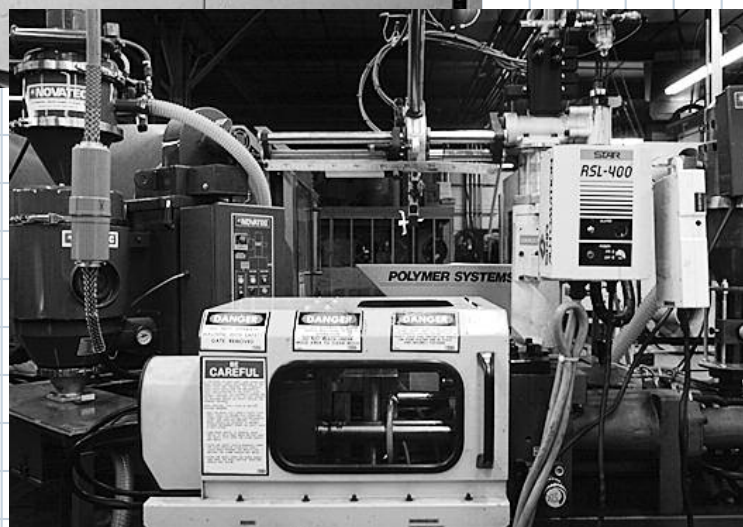
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Experienced personnel working with state-of-the-art equipment, enable EHC to maintain a high standard of quality in a fast-paced competitive marketplace.

Automatic small parts molding is efficiently accomplished with the use of robotic pickers and material handling equipment.



## MS PUSH-ON KNOBS

### Push-On Knobs



1 N

Part Number

Plain Top	White Dot	Diam.	Height
0N	0C	.500	.510
1N	1C	.700	.610
2N	2C	.900	.790
3N	3C	1.250	.700
4N	4C	1.750	.850
5N	5C	2.250	.875



1 D

Part Number

Plain Top	White Dot	Diam.	Height
0D	0E	.500	.655
1D	1E	.700	.782
2D	2E	.900	1.010
3D	3E	1.250	.850
4D	4E	1.750	1.070
5D	5E	2.250	1.095



1 F

Part Number

With Arrow	Plain Dial	Diam.	Height
0F	0G	.500	.655
1F	1G	.700	.782
2F	2G	.900	1.010
3F	3G	1.250	.850
4F	4G	1.750	1.070
5F	5G	2.250	1.095



1 P

Part Number

	Diam.	Height
0P	.500	.510
1P	.700	.610
2P	.900	.790



1 K

Part Number

	Diam.	Height
0K	.500	.655
1K	.700	.782
2K	.900	1.010

## DESIGNER SERIES PUSH-ON KNOBS

### Push-On Knobs



DC1 N

Part Number

Plain Cap	w/Indicator Dot	Diam.	Height
PC0N	DC0N	.500	.505
PC1N	DC1N	.700	.605
PC2N	DC2N	.900	.760
PC3N	DC3N	1.250	.630



DC1 D

Part Number

Plain Cap	w/Indicator Dot	Diam.	Height
PC0D	DC0D	.500	.680
PC1D	DC1D	.700	.792
PC2D	DC2D	.900	.995
PC3D	DC3D	1.250	.805



DC1 F

Part Number

Plain Cap	w/Indicator Dot	Diam.	Height
PC0F	DC0F	.500	.680
PC1F	DC1F	.700	.792
PC2F	DC2F	.900	.995
PC3F	DC3F	1.250	.805



PC1 P

Part Number

	Diam.	Height
PC0P	.500	.505
PC1P	.700	.605
PC2P	.900	.760



PC1 K

Part Number

	Diam.	Height
PC0K	.500	.680
PC1K	.700	.792
PC2K	.900	.995

## Push-On Knobs



1 N

Part Number			
Plain	w/Indicator		
Spun Inlay	Line	Diam.	Height
EH71-0N	-0C	.500	.510
EH71-1N	-1C	.700	.610
EH71-2N	-2C	.900	.790
EH71-3N	-3C	1.250	.700
EH71-4N	-4C	1.750	.850



1 D

Part Number			
Plain	w/Indicator		
Spun Inlay	Line	Diam.	Height
EH71-0D	-0E	.500	.660
EH71-1D	-1E	.700	.780
EH71-2D	-2E	.900	1.010
EH71-3D	-3E	1.250	.850
EH71-4D	-4E	1.750	1.070



1 F

Part Number			
Dial	Plain		
w/Arrow	Spun Inlay	Diam.	Height
EH71-0F	-0G	.500	.660
EH71-1F	-1G	.700	.780
EH71-2F	-2G	.900	1.010
EH71-3F	-3G	1.250	.850



1 P

Part Number			
		Diam.	Height
EH71-0P		.500	.510
EH71-1P		.700	.610
EH71-2P		.900	.790



1 K

Part Number			
		Diam.	Height
EH71-0K		.500	.660
EH71-1K		.700	.780
EH71-2K		.900	1.010



1 SB

Part Number			
		Diam.	Height
EH71-0SB		.500	.510
EH71-1SB		.700	.610
EH71-2SB		.900	.640



1 DSB

Part Number			
		Diam.	Height
EH71-0DSB		.500	.660
EH71-1DSB		.700	.780
EH71-2DSB		.900	1.010



1 LP

Part Number			
		Diam.	Height
EH71-0LP		.500	.510
EH71-1LP		.700	.610
EH71-2LP		.900	.640



1 NP

Part Number			
		Diam.	Height
EH71-0NP		.500	.510
EH71-1NP		.700	.610
EH71-2NP		.900	.640
EH71-3NP		1.250	.700

## CS PUSH-ON KNOBS

### Push-On Knobs



5N

Part Number

Without Indicator	With Indicator	Diam.	Height
5N	5C	.500	.430
7N	7C	.700	.532
9N	9C	.900	.731
12N	12C	1.250	.600



5D

Part Number

Without Indicator	With Indicator	Diam.	Height
5D	5E	.500	.585
7D	7E	.700	.682
9D	9E	.900	.935
12D	12E	1.250	.750



5F

Part Number

Without Arrow	With Arrow	Diam.	Height
5G	5F	.500	.585
7G	7F	.700	.682
9G	9F	.900	.935
12G	12F	1.250	.750



5P

Part Number

	Diam.	Height
5P	.500	.430
7P	.700	.532
9P	.900	.731



5K

Part Number

	Diam.	Height
5K	.500	.585
7K	.700	.682
9P	.900	.935

## 3000 SERIES PUSH-ON KNOBS

### Push-On Knobs



3440

Part Number

Without Line	With Line	Diam.	Height
3008	3440	.500	.625



3441

Part Number

Without Line	With Line	Diam.	Height
3009	3441	.850	.600



3442

Part Number

Without Line	With Line	Diam.	Height
3010	3442	.975	.750



3008



3009



3010

## TRADITIONAL SERIES PUSH-ON KNOBS

### Push-On Knobs

x = outer diameter  
y = height



239  
x = .52  
y = .57



231  
x = .53  
y = .64



252  
x = .70  
y = .56



257  
x = .95  
y = .57



325  
x = 1.14  
y = .64



258  
x = 1.14  
y = .59



391  
x = 1.40  
y = .60



326  
x = 1.52  
y = .66

## CORONADO SERIES CLAMP KNOBS

### Push-On Knobs



E20  
x = 1.38  
y = .75



E30  
x = 1.75  
y = .88



E40  
x = 2.38  
y = 1.00

## GEMINI SERIES PUSH-ON KNOBS

### Push-On Knobs



471  
x = .77  
y = .48



475  
x = 1.03  
y = .67



476  
x = 1.27  
y = .77



473  
x = 2.02  
y = .90

## Push-On Knobs

x= outer diameter  
y= height



551  
x= .38  
y= .88



537  
x= .40  
y= .68



691  
x= .38  
y= .88



691  
x= .38  
y= .88



691  
x= .38  
y= .88



691  
x= .38  
y= .88



4740  
x= .38  
y= .88



7510  
x= .38  
y= 1.03



6060  
x= .46  
y= .76



390  
x= .45  
y= .98



414  
x= .45  
y= 1.27



703  
x= .50  
y= .60



451  
x= .52  
y= .78



596  
x= .71  
y= .80



98  
x= .88  
y= .64



382  
x= .89  
y= .30



701  
x= 1.00  
y= .63



702  
x= 1.01  
y= .64



571  
x= 1.06  
y= .69



450  
x= 1.08  
y= .72



438  
x= 1.12  
y= .40



384  
x= 1.51  
y= .55



422  
x= 1.77  
y= .36



434  
x= 1.77  
y= 1.27



439  
x= 2.34  
y= .93



## MATERIALS

Resins—much of the growth of the injection molding industry is due to the continuing ability of resin suppliers to offer new and improved engineering materials. Today resins can meet specifications for mechanical, thermal, electrical and impact demands increasingly competitive in performance to metal at reduced processing costs. EHC's participates in an ongoing evaluation process of new resins. Moldability, ease of processing and decoration are some of the analysis conducted. This process provides for a continuing effort to improve current production needs and prepare for future program demands.

- Good Mechanical Strength is of primary concern when choosing our materials. Where high mechanical strength is needed numerous reinforcements are used including glass fibers, mineral fillers, glass microspheres, all products that improve impact resistance.
- Electrical Resistance or Insulation make the use of EHC plastic products especially suited in electro-mechanical environments.

The plastic materials used in EHC parts have been carefully selected to meet the functional and aesthetic requirements of each product.

Thermoplastic—Materials with technical characteristics such as: ABS, nylon, TPR, polyamide, acetyl, polypropylene, polycarbonate, PPO and polyester resins. These materials are not always interchangeable.

## MATERIAL SPECIFICATIONS

### INSPECTION

#### Standard

Parts are considered commercially non-acceptable if an imperfection is visible when viewed at arm's length distance under normal lighting conditions. Parts will be viewed for a period not to exceed 3-5 seconds in daylight (or fluorescent light of approximately 70 foot candles) with the unaided eye at normal viewing distance of 24 inches, in the normal viewing plane.

#### Special

Jewelry-type inspection will be reflected in a higher unit-cost. Customer to provide EHC with written notice in advance of placement of order.

### CHEMICAL RESISTANCE

Contact manufacturer for resistance factors prior to usage with chemicals.

#### Surface Finish

1. Gloss: Parts produced from a highly polished mold, or
  2. Satin: Parts produced from a textured mold to remove glossiness,
- or
3. Textured: Parts produced from a pattern etched mold, or
  4. Matte-finish: Parts produced from a secondary operation that provides a non-reflective plastic surface.

#### Appearance

Parts to be free of shrinkage in excess of .009" IN/IN on top surface and sides of molded knob, mold flow marks or "cold" spots, molding flash, chips or cracks, excessive gate marks and colors (for knob and skirt assemblies) to be consistent in shade and density for each order lot or release.

### DECORATIVE INLAYS AND CAPS, FLAT ALUMINUM DIALS AND TAPERED ALUMINUM SKIRTS

Material: Aluminum

#### Surface Finish

1. Matte (frosted: Non-reflective surface appearance produced by mechanical brushing or chemical etching with clear anodized coating)
- or
2. Bright: Reflective surface appearance produced by mechanical or chemical means with clear anodized coating.

Inspection: See opening paragraph.

#### Appearance

Parts are to be free of scratches and blemishes. Colors to be consistent in shade and density for each order lot or release.

### MARKINGS

#### Adhesion:

Markings cannot be removed from plastic surface by an adhesive material comparable to scotch tape.

Inspection: See opening paragraph.

#### Appearance:

All characters, lettering, border, and backgrounds must be complete and all lettering must be clear, visible, and legible. Colors to be consistent in shade and density for each order lot or release.

### SET SCREWS

#### Hexagon Socket/Spline Socket/Slotted

1. Material: high grade alloy steel or stainless steel
2. Finish: Corrosion resistant/coating with clear, yellow or black finish
3. Hardness: Case hardened
4. Finish: Clear corrosion resistant coating
5. Point Style: Cup point

#### Location (nominal) of Screw(s) (if applicable)

1. One Screw
  - a) 180° from indicator
  - b) Adjacent to flat of shaft hole
2. Two screws: 90° and 180° from indicator

#### Thread

Class 3A

#### Screw Size, Length, Socket, Point, and Self Locking

Determined by manufacturer, or per customer request.

### INSERTS

1. Material: Aluminum or half-hard brass alloy.
2. Finish: Commercial nickel plate on brass, and alodine on aluminum. Finish to be consistent and free of flaking.

#### Thread

Thread Fit: 2B gauge

### SPRING CLIPS

Material: #1050C type spring steel

Hardness: Medium temper

Finish: Blue oil finish, or zinc phosphate

### CHROME-PLATED PLASTIC

(Thermoplastic only)

#### Processes

1. Electroplating, or
2. Vacuum metalizing

#### Surface Finish

1. Bright: High gloss reflective finish, or
2. Satin: Semi-gloss non-reflective finish

#### Adhesion:

Plating cannot be removed from plastic surface by an adhesive material comparable to scotch tape.

#### Appearance:

Parts to be plated over entire first surface area, consistent in shade and density for each order lot or release, free of first surface peeling, free of first surface flow marks and free of foreign matter under plated surface (e.g. dust)

### PACKAGING

All products are packaged to insure that quality is not jeopardized during transit. Relative to the complexity of the part, product is:

- A. Individual bags, or
- B. Layer packaged on cardboard pads, or
- C. Bulk-packaged in cartons

**PRODUCT DIMENSIONS:**  $\pm .015$ " unless otherwise specified.

**PRODUCT CONCENTRICITY:** .020" TIR

## SHAFTHOLE DIAMETERS

Round Shaft Hole:  $\pm .002$ "

Round Shaft Hole with Flat:  $\pm .0035$ "

Knurled Shaft Hole:

Solid Shaft:  $\pm .002$ "

Split Shaft:  $\pm .0035$ "

## TORQUE SPECIFICATIONS

Torque is defined as the number of pounds required to strip molded-in inserts and stud heads from molded plastic part, flatten metal spring clip, strip serration of knurled plastic shaft hole or strip head of set screw.

### Spring Clip Shaft Hole

Spring Diameter	Stripping Torque Inch Lbs.
.125	10
.187	17
6 mm	25
.250	25

*Knurled Type Shaft Hole:* All types 15 inch lbs.

### Set Screws

Screw Size	Threads Per In.	Head Stripping Torque Inch Lbs.
#3	48	3-1/2
#4	40	4-3/4
#6	32	8-3/4
#8	32	18
#10	32	32

## TENSION (push/pull specifications)

Tension is defined as the maximum number of pounds required to securely fit a press-fit knob onto the shaft and the minimum number of pounds required to remove the knob from the shaft.

### Plastic Shaft Hole

Push: 15 lbs. Maximum Pull: 4 lbs. Minimum

### Spring Clip Shaft Hole

Push: 20 lbs. Maximum Pull: 4 lbs. Minimum

### Knurled Type Shaft Hole

Push 20 lbs. Maximum Pull: 4 lbs. Minimum

Shaft hole fit per customer specifications can be provided for an additional charge. Sample shaft and tension requirements must be forwarded to manufacturer.

## THREADED INSERTS

(Standard Series and Selected Combinations – Unified Screw Threads)

Thread Fit: 2B Gauge

Minor Diameter	Thread Type
	#6-32 UNC 2B
	#8-32 UNC 2B
	#10-32 UNF 2B
	1/4-20 UNC 2B
	5/16-18 UNC 2B
	3/8-16 UNC 2B
	1/2-13 UNC 2B
	5/8-11 UNC 2B

## THREADED STUDS

(Standard Series and Selected Combinations – Unified Screw Threads)

Thread Fit: Class 2A

Length:  $\pm .020$ "

# SALES TERMS & AGREEMENTS

## TERMS:

Our terms of sale are 1/10 net 30 FOB Farmingdale, NY.  
Terms on tooling are 50% with order balance upon sample approval.

## RETURNS:

All returns must be approved by EHC and be assigned an EHC RMA number.

## QTY VARIANCE:

We reserve the right to over or under ship 10% on orders for non-standard parts.

## SHIPMENTS:

Usually UPS or FedEx prepaid and added, unless otherwise specified.

## DELIVERY:

Immediate and just-in-time delivery is available on most standard items.

**SPECIFICATIONS FOR NON-STANDARD PRODUCTS**  
MUST BE APPROVED BY EHC. SPECIFICATIONS WHICH CALL FOR CLOSER TOLERANCES, ENHANCED PHYSICAL PROPERTIES, OR MORE STRINGENT VISUAL REQUIREMENTS THAN THOSE PREVIOUSLY LISTED MUST HAVE SPECIFIC APPROVAL OF EHC'S SALES AND MANUFACTURING ORGANIZATIONS.

**NOTE:** SHRINKAGE, TOOLMAKERS VARIATIONS FROM CAVITY TO CAVITY, LIFE-CYCLE OF TOOLING, MATERIALS FROM MULTIPLE VENDORS, HUMIDITY, ETC. ALL HAVE AN EFFECT ON THE NORMAL DIMENSIONS OF PLASTIC PARTS. A PREMIUM CHARGE WILL BE ADDED TO THE UNIT-COST FOR THOSE CUSTOMERS REQUIRING EXACT TOLERANCES AND APPEARANCE. CONTACT MANUFACTURER FOR ADDITIONAL CHARGES.

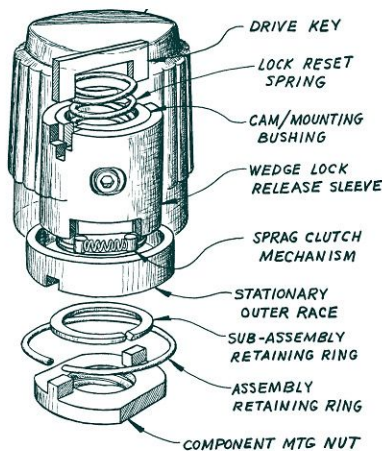
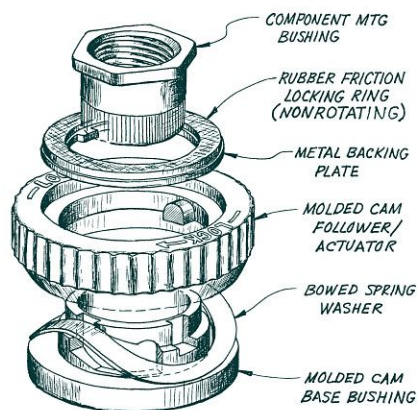
## STORAGE OF CUSTOMER OWNED ARTWORK PREPARATION, RAW MATERIALS AND SUPPLIES, AND TOOLING.

CUSTOMER SHALL NOTIFY EHC OF DISCONTINUANCE OF PRODUCT FOR WHICH CUSTOMER HAS PURCHASED ITEMS SO THAT ARRANGEMENTS CAN BE MADE TO RETURN OR DISCARD THEM. OUR STANDARD PRACTICE ASSUMES THAT ITEMS NOT USED BY THE CUSTOMER FOR A PERIOD OF TWO YEARS WILL BE CONSIDERED OF NO VALUE AND CUSTOMER WILL BE NOTIFIED OF OUR DECISION. FAILURE OF CUSTOMER TO RESPOND TO INQUIRY LEAVES DISBURSEMENT OF ITEMS AT THE DISCRETION OF EHC (AT NO CHARGE OR OBLIGATION).

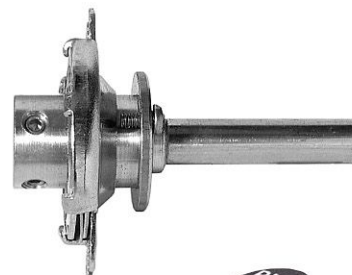
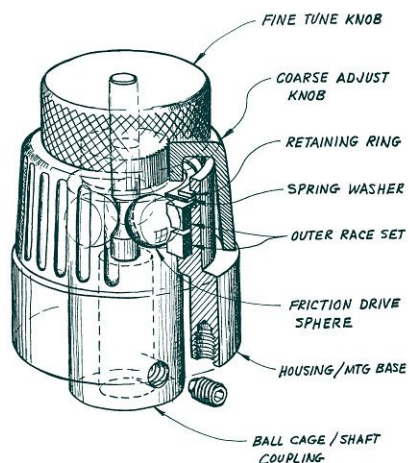


*Beyond control knobs... Components and assemblies within your reach.*

# Our mechanical devices are engineered to meet the highest standards.



# We can make mechanisms for your specific needs.



REDUCTION DRIVES • SLIP CLUTCH KNOBS • KNOB LOCKING DEVICES  
MICROVERNIER REDUCTION DRIVES • MICROVERNIER WITH LOCKING MECHANISMS  
PUSH-TO-TURN KNOBS • SELF LOCKING PUSH-TO-TURN DEVICES