

COMPUTERIZED ENGRAVING SYSTEMS COMPUTERIZED LASER ENGRAVERS

SEE US ON THE WEB AT WWW.RONP.COM E-MAIL US AT RONPCO@AOL.COM

We at Royal Oak Name Plate Co. Strive to supply you with the Finest nameplates to your specifications Blank or Engraved

- Engraving
- Rowmark Engraving Stock in Sheets or Fabricated to size
- All Styles Push-button Plates (Blank or Engraved)
- Relay, Solenoid, Timer & Valve tags (Blank or Engraved)
- Limit switch tags ( Blank or Engraved )
- ADA Braille Signage
- Signs & Graphics Engraved From Your CAD Files
- Screening, Metalphoto, Etched Plates
- Custom Vinyl Labels and Letters
- Sublimation process on Metal or Plastic in Full Color for Awards, Plaques and Badges and Nameplates
- Deep Etched Zinc plates
- Plastic Injection Molded plates
- Self-Inking Rubber Stamps
- Anodized Aluminum stock in Sheets, Engraved or Fabricated
- Engravers Lacquered Brass in Sheets, Engraved or Fabricated
- Double Sided Adhesive Tapes
- Blackening Acid for aluminum or lacquered brass
- Machine cutters for all makes of engravers New or Resharpend
- Drive Screws
- Nameplate Holders Architectural, Desk and Door mounts
- Snap Track for Relay and Solenoid Tags



★ ELIMINATES STOCKING OF MANY MAKES OF PLATES FOR VARIOUS JOBS!

 $\star$  \$ SAVINGS ON SMALL AND LARGE QUANTITIES!

★ NO COSTLY TOOLING!

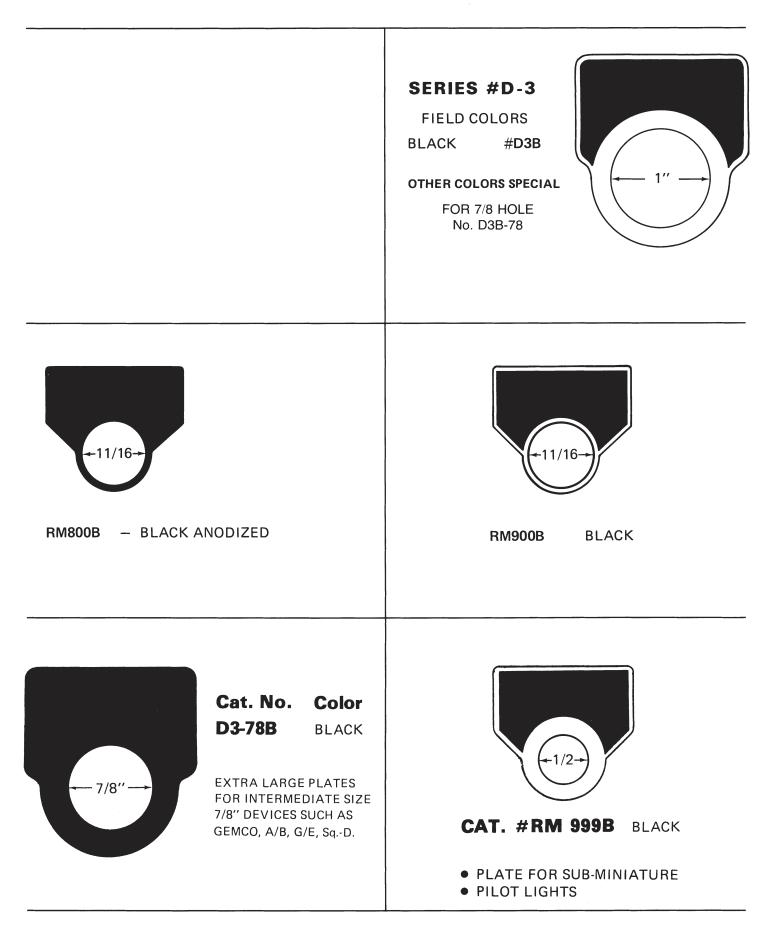
★ IN STOCK FOR IMMEDIATE SHIPMENT!

- 11/16" DIAMETER HOLES: FOR MAJOR LINES OF MINIATURE LIGHTS ELECTRICAL AND ELECTRONIC
- 3/4" DIAMETER HOLES: FITS SEVERAL TYPES OF PILOT LIGHTS
- 1" DIAMETER HOLES: FITS MANY U.S. MADE OILTITE LIGHTS AND BUTTONS AND LIGHTS MADE BY FOREIGN MANUFACTURERS
- 7/8" DIAMETER HOLES: (.875) FITS MINIATURE BUTTON AND PILOT LIGHTS OF MAJOR U.S. MANUFACTURERS

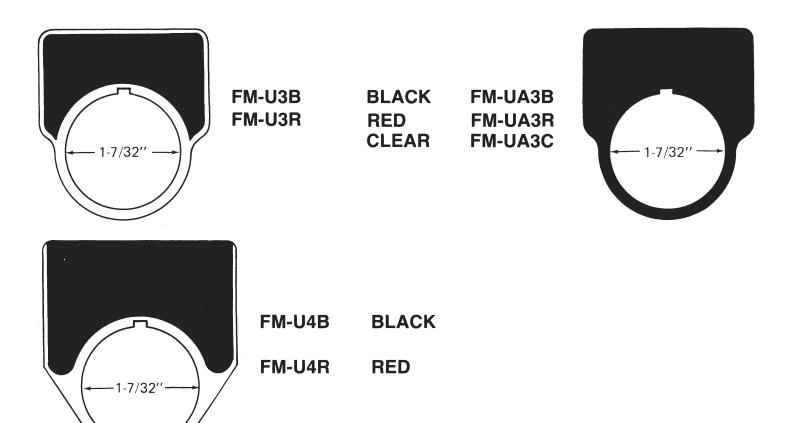
1-7/32" DIAMETER HOLES: FITS FULL SIZE PILOT LIGHTS AND PUSH BUTTONS OF ALL U.S. MANUFACTURERS AND MANY OF THE FOREIGN MADE OILTITE UNITS

NOTE!! Except where specifically noted all plates are shown full size.

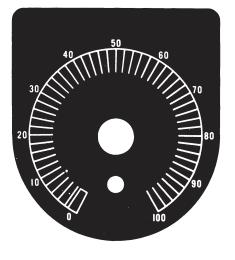
# METAL UNIVERSAL PLATES



### METAL UNIVERSAL PLATES NEW SERIES: NOTCHED FOR LOCK RINGS



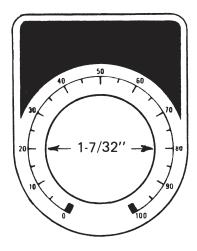
### POTENTIOMETER PLATES



DESIGNED FOR MANY STANDARD MAKE OF "POTS" USED IN BY THE ELECTRONIC IN-DUSTRY

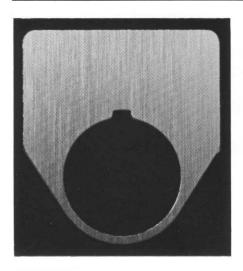
UDY - 100

LARGE HOLE: 3/8" SMALL HOLE: 11/64" U – 651



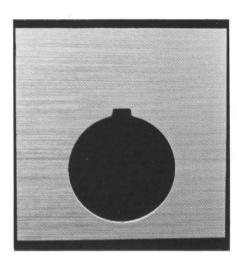
FITS ALL "POTS" USING STANDARD OILTITE HOLE

# NEW DRESS up your panels with plates that have the appearance of Brushed Aluminum and Brass without the cost!!! Or the extra time of blackening letters.



Surface Color	Core	
Brushed Silver	Black	
Brushed Gold	Black	
	Brushed Silver Brushed	Brushed Black Silver Brushed Black

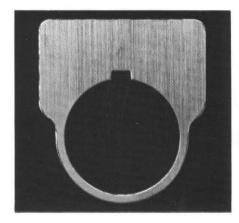
Plates 1/16" thick — 2 ply material



Cat. No.	Surface Color	Core
FS100-S	Brushed Silver	Black
FS100-G	Brushed Gold	Black

\* Also available in FS200, FS300 & FS400. Refer to Page 9 for their dimensions

Plates 1/16" thick — 2 ply material



Cat. No.	Surface Color	Core
FX99-S	Brushed Silver	Black
FX99-G	Brushed Gold	Black

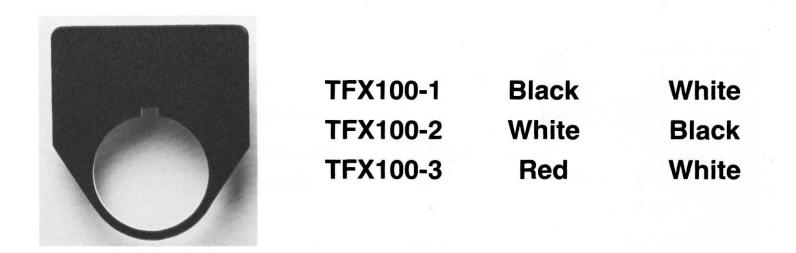
Plates 1/16" thick — 2 ply material

# NEW

### TEXTURED FINISH LEGEND PLATES Mar Resistant Resistant To Lower Temperatures

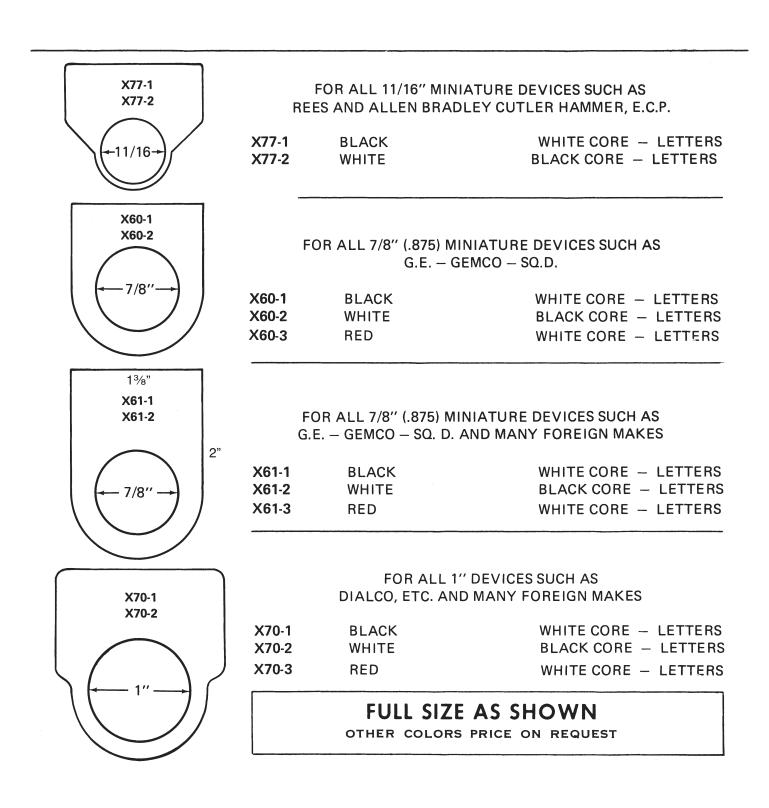
Cat. No.	Surface Color	Core Letter Color
<b>TFS-100</b>	White	Black
<b>TFS-101</b>	Black	White
<b>TFS-103</b>	Red	White

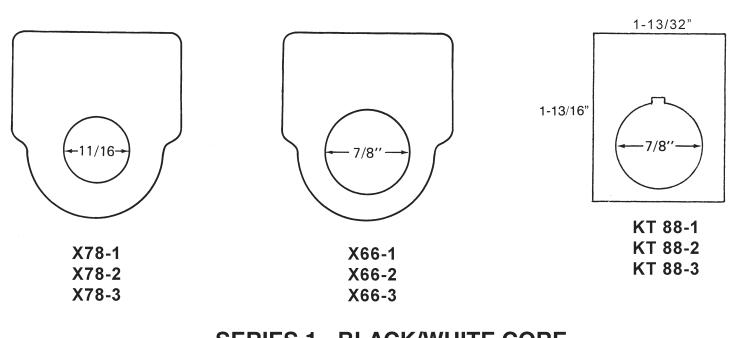
TFX99-1	Black	White
<b>TFX99-2</b>	White	Black
TFX99-3	Red	White
	TFX99-2	TFX99-2 White



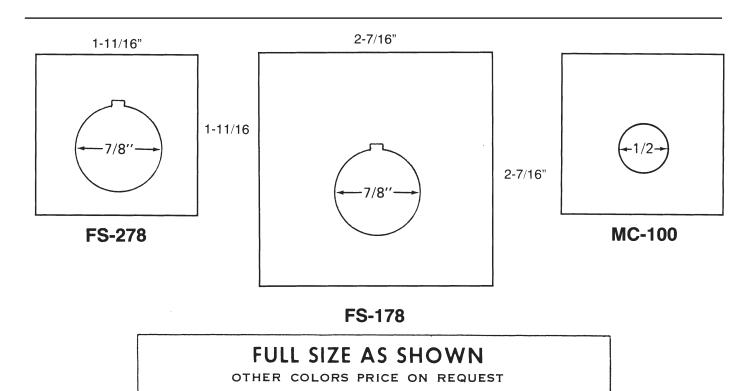
FOR FOUNDRIES AND OTHER PARTICULARLY DIRTY AREAS WE SUGGEST THE USE OF A LIGHT COLOR SURFACE MATERIAL WITH A DARK COLOR CORE FOR EASE OF MAINTENANCE AND LEGIBILITY OF WORDING.

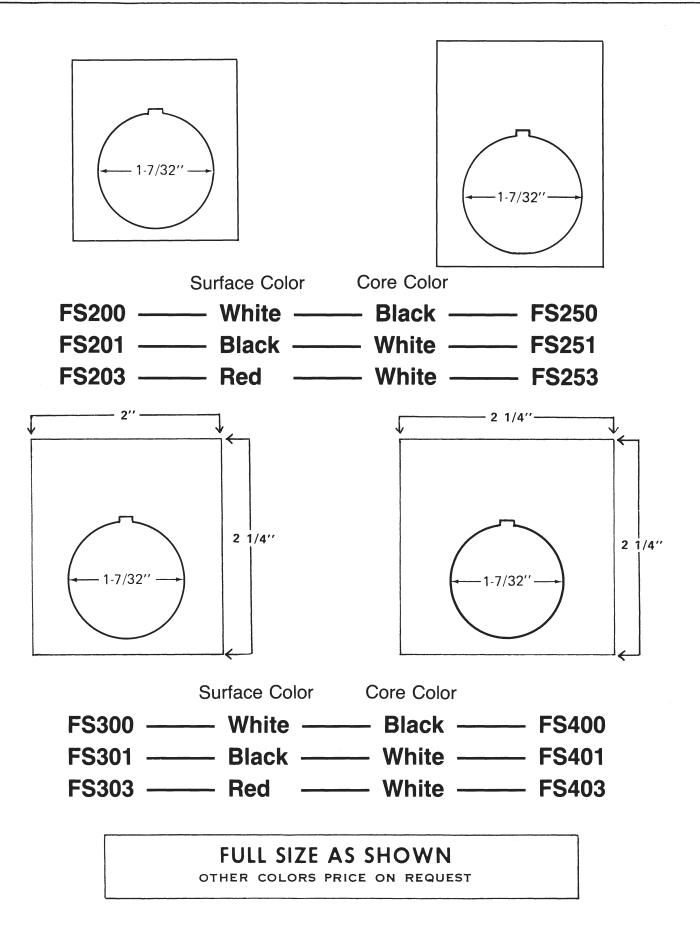
#### To Fit All Makes of Buttons and Lights



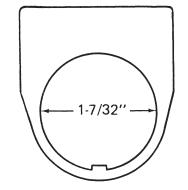






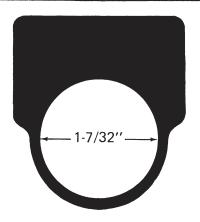


#### ALL PLATES SHOWN FULL SIZE



#### UNIVERSAL WITH LOCK TAB & NOTCH

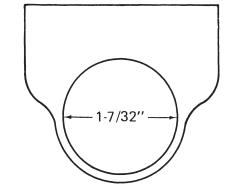
FX98-1 BLACK FX98-2 WHITE FX98-3 RED WHITE CORE - LETTERS BLACK CORE - LETTERS WHITE CORE - LETTERS



#### **UNIVERSAL PLATES**

X99-1	BLACK
X99-2	WHITE
X99-3	RED

WHITE CORE - LETTERS BLACK CORE - LETTERS WHITE CORE - LETTERS

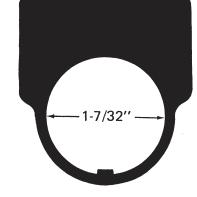


#### **UNIVERSAL - WITH NOTCH**

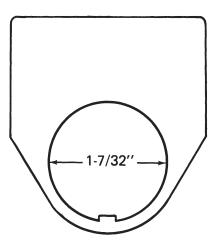
FX88-1 BLACK FX88-2 WHITE FX88-3 RED WHITE CORE - LETTERS BLACK CORE - LETTERS WHITE CORE - LETTERS



X99-T1 BLACK X99-T2 WHITE X99-T3 RED WHITE CORE - LETTERS BLACK CORE - LETTERS WHITE CORE - LETTERS

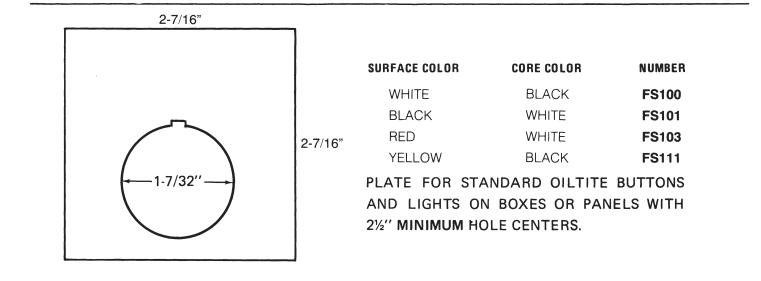


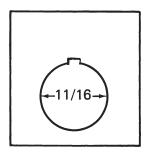
PLASTIC UNIVERSAL PLATES



SURFACE COLOR	CORE COLOR	NUMBER
BLACK	WHITE	X100-1
WHITE	BLACK	X100-2
RED	WHITE	X100-3
WHITE	BLACK	X100-2SA*
YELLOW	BLACK	X100-11

\* Self adhesive backed plate

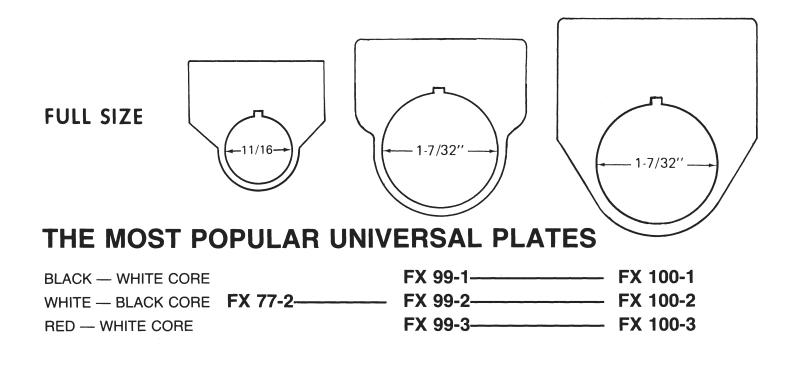


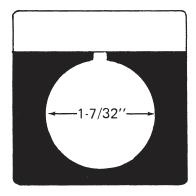


SURFACE COLOR	CORE COLOR	NUMBER
WHITE	BLACK	MS-100

PLATE FOR MINIATURE OILTITE LIGHTS ON BOXES OR PANELS WITH 1½" MINIMUM HOLE CENTERS.

### ALL PLATES ARE SHOWN FULL SIZE

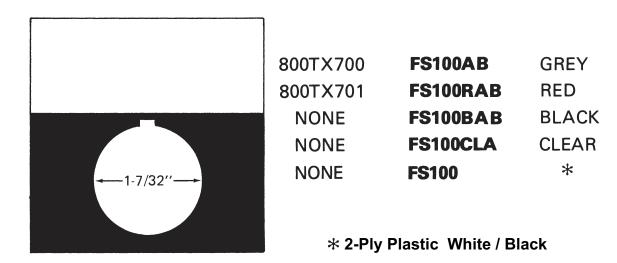




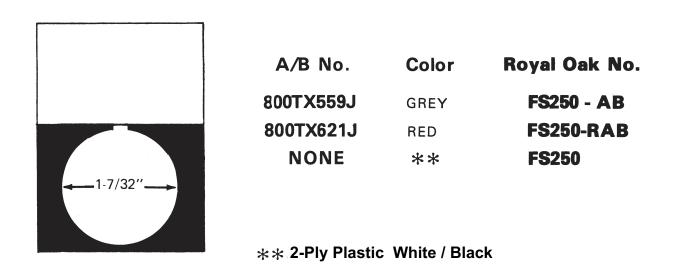
800TX559	FS200AB	GREY
800TX621	FS200RAB	RED
NONE	FS200	* *
NONE	FS200BAB	BLACK

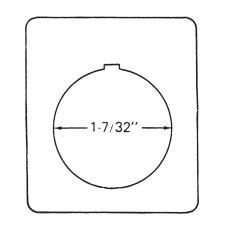
**\*\* 2-Ply Plastic White / Black** 

Standard finish is Matte. If glossy finish is desired add the suffix "G". ie: FS200ABG



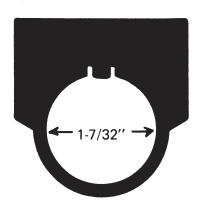
### **Cross Reference: A/B to ROYAL OAK**



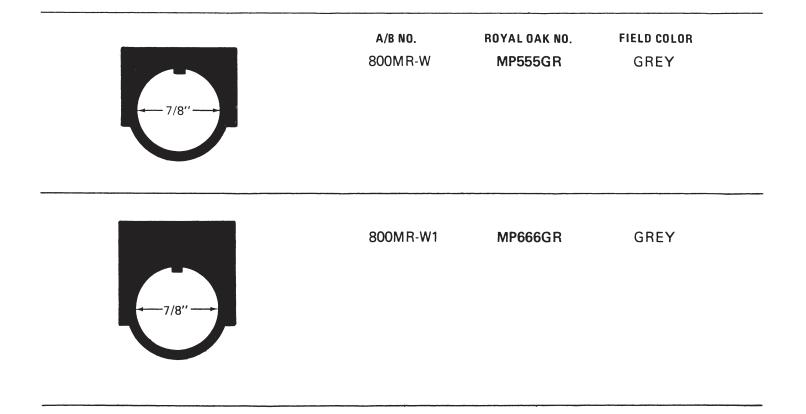


A/B NO. 800TX619 NONE Color CLEAR ALUMINUM

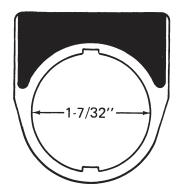
WHITE PLASTIC Royal Oak No. FS600CL FS600



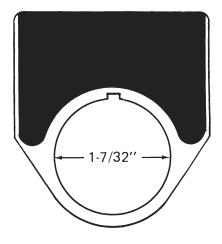
A/B No.	Royal Oak No.	<b>Field Color</b>
800TX59	SP666GR	GREY
800TX121	SP666R	RED



### Cross Reference: CUTLER HAMMER To ROYAL OAK

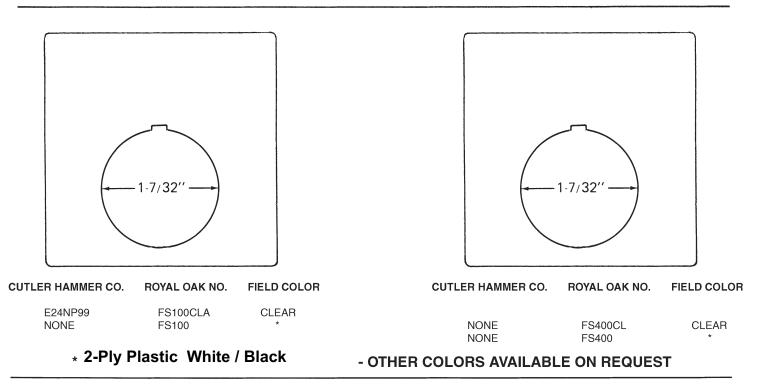


CUTLER HAMMER NO.	ROYAL OAK NO.	FIELD COLOR
10250-TM36	SP1100B	BLACK
10250-TM37	SP1100R	RED



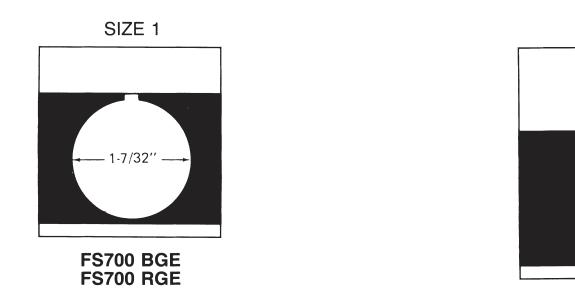
CUTLER HAMMER CO.	ROYAL OAK NO.	FIELD COLOR
10250-TJ36	FM-U4B	BLACK
10250-TJ37	FM-U4R	RED

### Cross Reference: CUTLER HAMMER To ROYAL OAK



### GENERAL ELECTRIC To ROYAL OAK

#### G/E SERIES #CR104XN



FS900 BGE

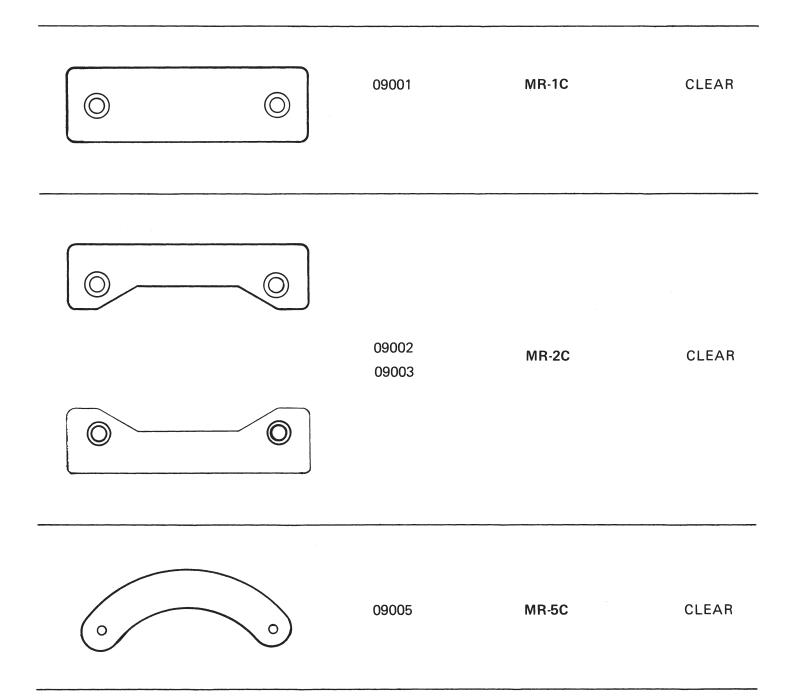
1-7/32"

SIZE 3

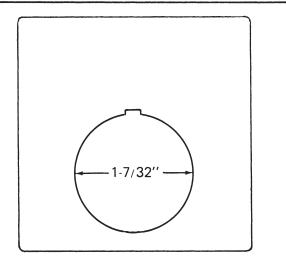
Color: BGE — Black RGE — Red

### Cross Reference: GENERAL ELECTRIC To ROYAL OAK

1-7/32"	G/E NO.	ROYAL OAK NO.	FIELD COLOR
	NP118582B	SP900B	BLACK
7/8''	CR104G601	MP600	BLACK



### Cross Reference: SQUARE-D To ROYAL OAK



Square-D Number	Royal Oak No.	Field Color		
KN700	FS100CL	CLEAR/RAW		
NONE	FS100	*		
NONE	FS100CLA	CLEAR - ANODIZED		
* 2-Ply Plastic White / Black				
OTHER COLORS ON REQUEST				

1-7/32"	KN2	SPK300B	BLACK
	KN200	SPK300B	BLACK
	KN200R	SPK300R	RED
1-7/32"	KN3	SPK400B	BLACK
	KN300	SPK400B	BLACK
	KN300R	SPK400R	RED

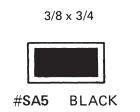
### Cross Reference: SQUARE-D To ROYAL OAK

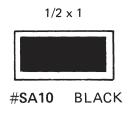
	6

SQUARE D NO.	ROYAL OAK NO.	FIELD COLOR
KN8	RP800	BLUE
KN800	RP800	BLUE
KN800R	RP800R	RED
NONE	RP800B	BLACK

MN200	MP200B	BLACK
10111200	IVIF 200B	
MN200R	MP200R	RED

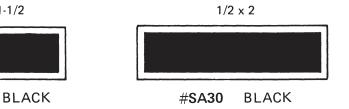
#### SERIES "SA" WITH SELF ADHESIVE BACKING





1/2 x 1-1/2

#SA20



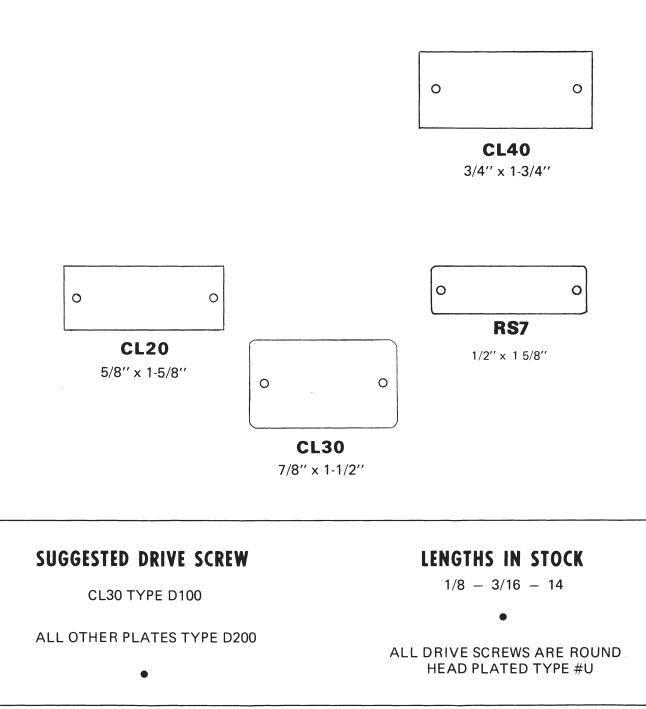




# FREE SAMPLES ON REQUEST

### **Material: CLEAR ALUMINUM**

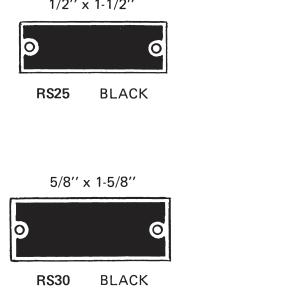
Suitable for Marking With Metal Stamps or With Engraving Equipment

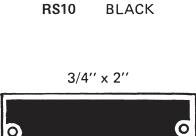


### Free Sample on Request

#### **RECOMMENDED DRIVE SCREWS SERIES D100** LENGTHS AVAILABLE 1/8"-3/16"-1/4"

ALL HAVE 3/32" HOLES

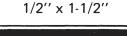


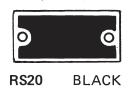


BLACK RED

5/8'' x 1-5/8''

0





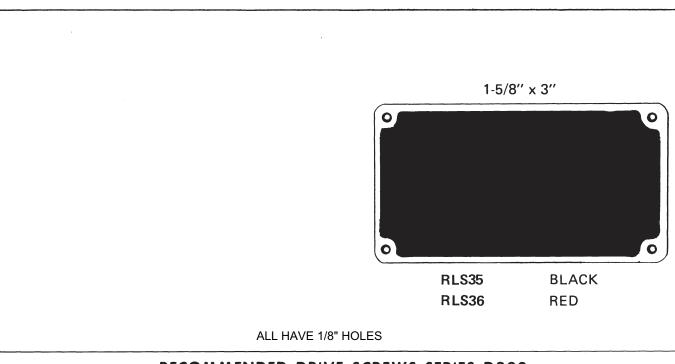


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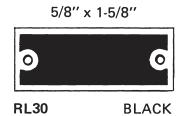
**RS50** 

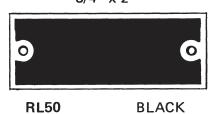
**RS51** 

#### RECOMMENDED DRIVE SCREWS SERIES D200 LENGTHS AVAILABLE 1/8"-3/16"-1/4"

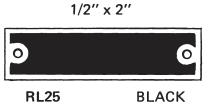


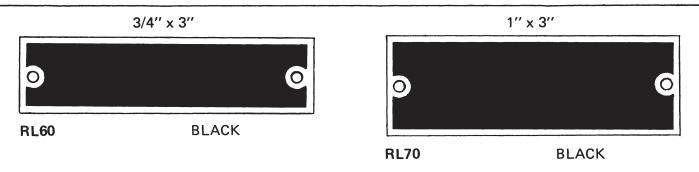




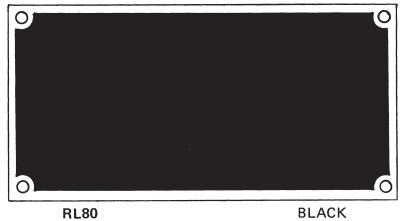




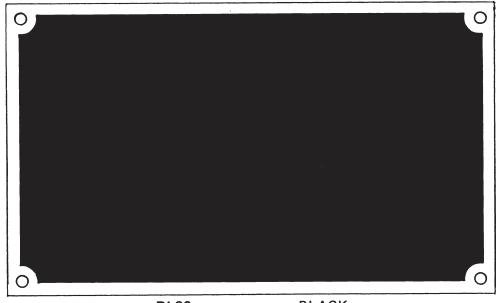






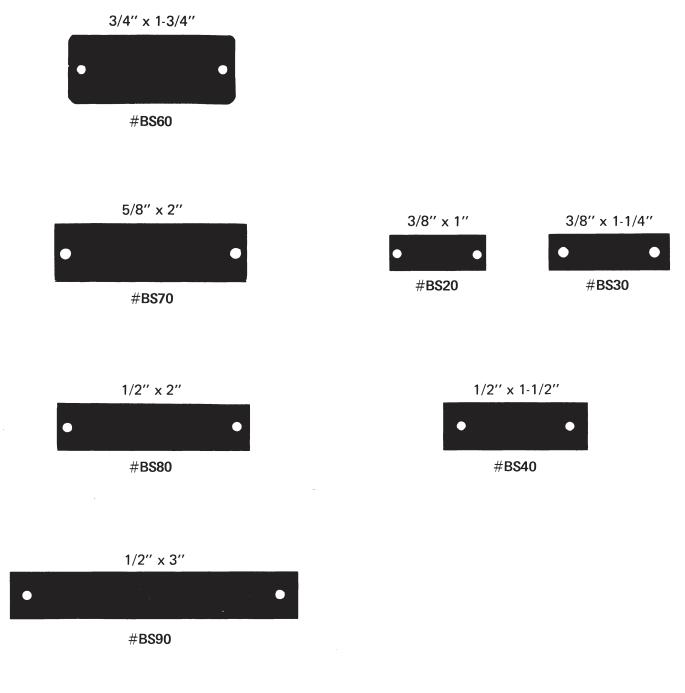


3'' x 5''





RECOMMENDED DRIVE SCREWS SERIES D300 LENGTHS AVAILABLE 3/16''-1/4''-3/8''



ALL HAVE 3/32" HOLES

#### All Tags Black Anodized Aluminum

#### RECOMMENDED DRIVE SCREWS BS20 – BS70 SCREW SERIES D200 ALL OTHERS SCREW SERIES D100 LENGTHS 1/8" – 3/16" – 1/4"

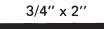
1‴ x 4″ ●

#BL50





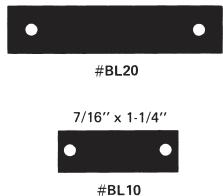
#**BL40** 





#**BL30** 

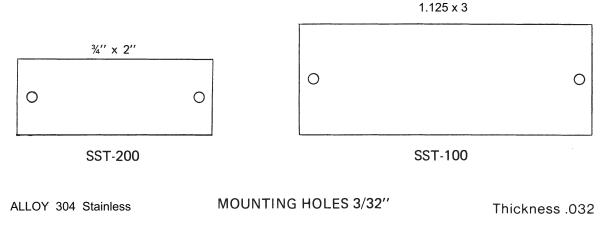




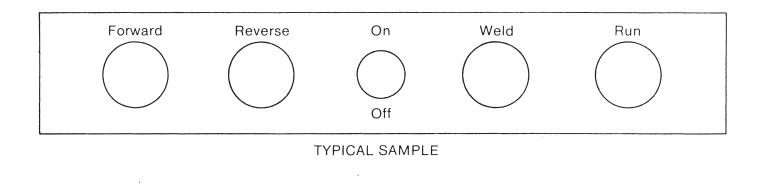
#### All Tags Black Anodized Aluminum 1/8" Mounting Holes on All Tags

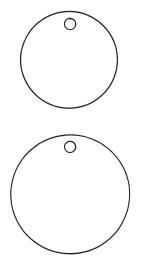
SUGGESTED DRIVE SCREWS SERIES D300 SCREW LENGTHS AVAILABLE 3/16"-1/4"-3/8"

# **STAINLESS STEEL TAGS**



We will fabricate special plates to your specifications for panels or consoles in plastic or aluminum.





CAT. NO. BT-100 1" DIAMETER BRASS MOUNTING HOLE 1/8"

### CAT. NO. BT-200

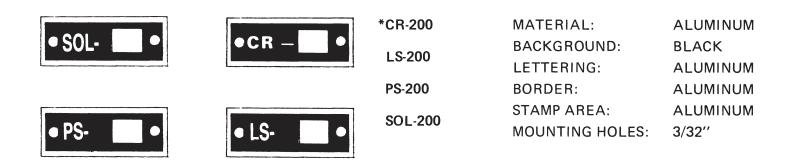
2" DIAMETER, BRASS MOUNTING HOLE 1/8"

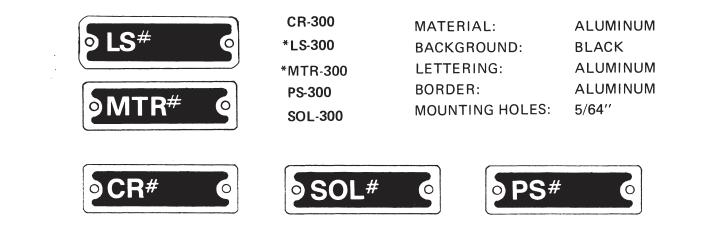
CAT. NO. XT-200 1¼ DIAMETER 3 PLY ENGRAVERS PLASTIC WHITE – BLACK – WHITE 1/8" MOUNTING HOLE (OR SIZE SPECIFIED BY USER)

CAT. NO. BC-100: BEAD CHAIN 6" LONG WITH CONNECTOR FOR BT-100 AND XT-200

# **SPECIALTY TAGS**

• LS – 🚺 •	LS-100		
		MATERIAL:	ALUMINUM
		BACKGROUND:	RED
• PS — •	PS-100	LETTERING:	ALUMINUM
		STAMP AREA:	ALUMINUM
		MOUNTING HOLES:	5/64''
• SOL 🚺 •	SOL-100		

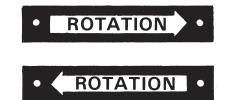




# SPECIAL PURPOSE MACHINE TOOL TAGS



CAT. NO. OL-100 (OIL LEVEL TAG) BACKGROUND BLACK LETTERS AND BORDER BRASS 1/8" MOUNTING HOLES



CAT. NO. RD-100 (ROTATION TAGS) BACKGROUND ALUMINUM ARROWS BLACK 1/16" MOUNTING HOLES

CAT. NO. RD-200 (ROTATION TAG) BACKGROUND AND WORDING RED ARROW ALUMINUM 1/8" MOUNTING HOLES

CAT. NO. RD-300 (ROTATION TAG)



CAT. NO. VP-200 BLACK BACKGROUND



CAT. NO. VP-300 RED BACKGROUND

CONTROL ON OFF

ALOMINOW LETTENS AND TADS	ALUMINUM	LETTERS	AND PADS
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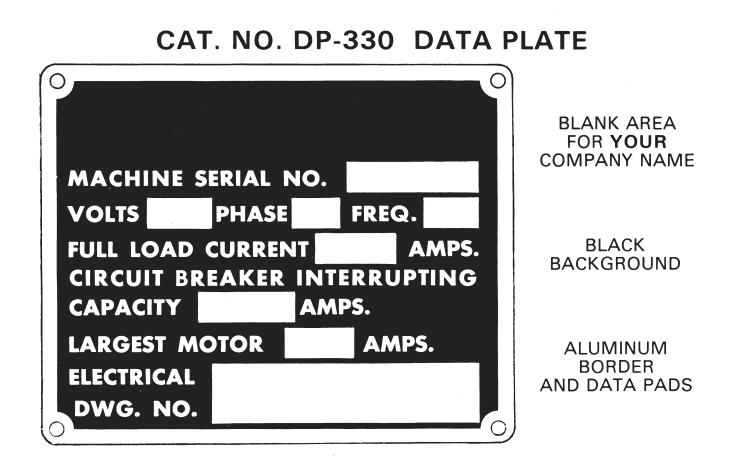
TSP-200 CONTROL ON-OFF PLATE TSP-100 BLANK LEGEND PLATE

1

DESIGNED FOR MANY MAKES OF TOGGLE SWITCHES USING 7/16" MOUNTING HOLES.

# **NEW SPECIALTY PLATES**

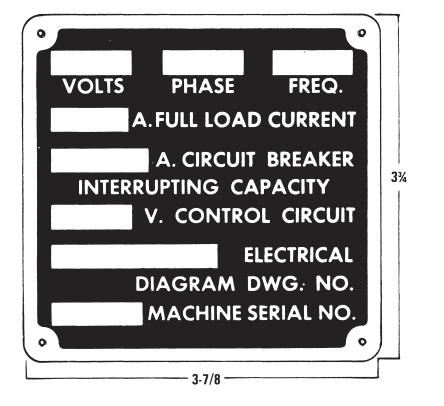
To Conform To Various Automotive and OSHA Standards





CAT. NO. WP-100 WARNING PLATE RED BACKGROUNG ALUMINUM LETTERS & BORDER

## **STOCK PLATES FOR CONTROL PANELS**



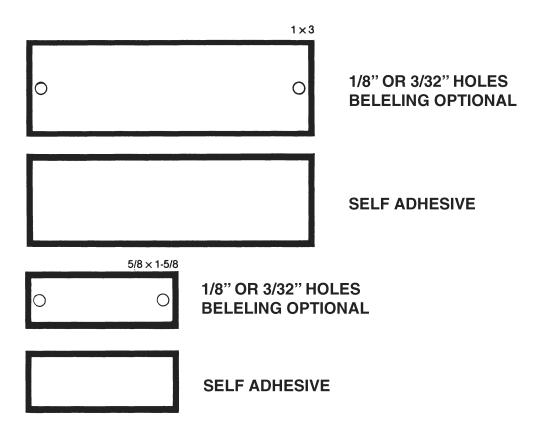
STOCK THICKNESS .032

A STOCK PLATE FOR EITHER INTERIOR OR EXTERIOR MOUNTING ON CONTROL PANELS. FOUR DRIVE PIN HOLES FOR PERMANENT MOUNTING. PROVIDES A PERMANENT RECORD OF ESSENTIAL DATA FOR EVERY PANEL

3/32" DRIVE SCREW HOLES

CAT. NO. DP-220

# STOCK PLASTIC PLATES



Plates shown are typical samples. We will fabricate plates to your specifications up to 24" x 48" with holes or adhesive or both, with or without beveled edges. Let us quote on the sizes you need. Colors available — see Comparison Code Sheet

# \$\$\$\$ NEW!! \$\$\$\$

# SNAP TRACK PART #ST—100

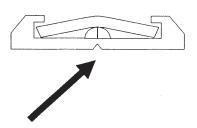
ELIMINATES THE NEED FOR MOUNTING HOLES IN EVERY TAG.

MEETS MECHANICALLY HELD SPECS.

SNAP TAGS OUT FOR REPLACEMENT AND SNAP THE NEW ONE IN.

FOR SOLENOID, RELAY, FUSE & STARTER TAGS.

SAVE TIME AND MONEY AND START MAKING CHANGES AT A SNAP.



GROOVE FOR EASY DRILLING OF MOUNTING HOLES

### **AVAILABLE NOW!**

- MADE FROM HIGH IMPACT PLASTIC
- COMPETITIVELY PRICED IN ANY QUANTITY
- AVAILABLE IN 6-FT. LENGTHS

Royal Oak Name Plate Co., Inc.

# Photosersi **Products** in

## by Royal Oak Name Plate

Incredibly durable! Ideal for: Panel Fronts ... Name Plates ... Signs ... Plaques ... Awards ... Charts ... Dials ... Scales ... Decorative Murals ... and other Advertising **Specialties** 

The photosensitive process is a method of permanently imbedding a picture in anodized photosensitive aluminum. The image is *inside* the metal, and cannot be destroyed unless the metal itself is destroyed.

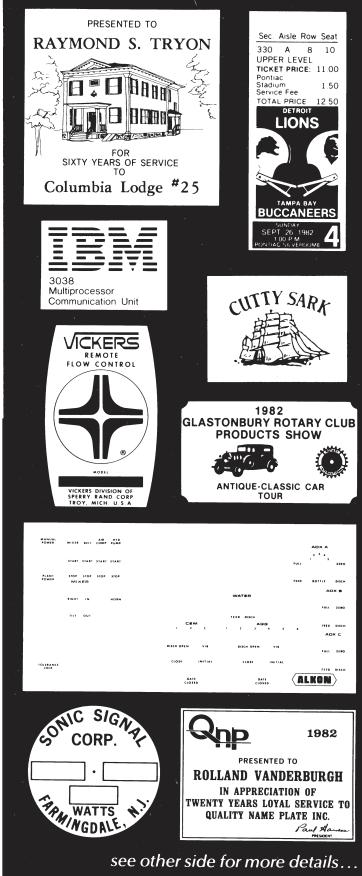
We use the best photosensitive material and chemicals available ... Metalphoto<sup>®</sup>.

#### **Benefits:**

- superior performance when exposed to acids, fungus, solvents, lubricants, abrasives, salt spray, moisture, extreme temperatures
- resists scratching, fading, peeling and chipping
- meets or exceeds military specifications, including: MIL-P-514-D, P-15024D, P-19834-A, GG-P-455B, and others
- handsome appearance in distinctive silver and black (plus color tints)
- economical for customized and short-run work
- will last for 20 to 30 years
- vividly reproduces any photograph
- available in 8 thicknesses from .003 to .125
- comes in satin and matte finishes
- takes pressure-sensitive or solvent-activated adhesive ... or with mounting holes
- capabilities of this process are extensive

### **ROYAL OAK** NAME PLATE Over 30 years of Quality Service, Quality Materials, and Quality Manufacturing.





# **Photosensitive Products** For sharp images and long-lasting results

### The image is permanently imbedded

A negative of the picture you want imaged is exposed to a photo-sensitive aluminum plate. The plate is developed ... fixed ... and then sealed for permanency. The image can never be destroyed — unless the metal itself is destroyed.

### Any image is faithfully reproduced

Anything that can be photographed can be reproduced in a photosensitive plate. Because of its uniform pore structure, the plate will produce a perfectly sharp and detailed image of a halftone or continuous tone photograph.

### Available in 2 finishes

The standard photosensitive product is in Silver and Black, and can be produced in two finishes — satin and matte.

• satin — is midway between a gloss and matte finish. It is the most commonly used application.

 matte — is a non-reflective, dull or frosted finish. Ideal for panel fronts calling for a nonglare surface.

(Note: Satin finish is available in dead soft temper in .005 and .012 for special name plate applications.)

### Available in color

One or more colors can be used either for background tinting or spot coloring — to dramatize certain elements of the picture.

(**Note:** Color is not recommended unless protected from sunlight.)

### It's cost effective

You get substantial savings with customized jobs and small runs — when compared to other methods of production. And, because of photosensitive aluminum's durability, additional savings will be realized through reduced replacement costs.

**Royal Oak Name Plate** also supplies labels, decals, emblems, etc., using such *materials* as: brass. . .foil. . . lexan...monel...paper...stainless steel...and others; and such *processes* as: embossing. . .etching. . .pressure-sensitive...offset lithography...screen printing... and stamping.

> ROYAL OAK NAME PLATE 16560 INDUSTRIAL ROSEVILLE, MI 48066 (586) 774-8500

# PANELS

From 1 to 1,000 and up, we can supply your panel needs completely finished to your specific requirements.



Accurate location of holes and cutouts with a minimum of tooling investment.

Material thickness is available from .020 to .125 in aluminum or stainless steel. Mounting holes or adhesive backing are available to suit your specific application.

# NVENTORY CONTROL & PROPERTY DENTIFICATION

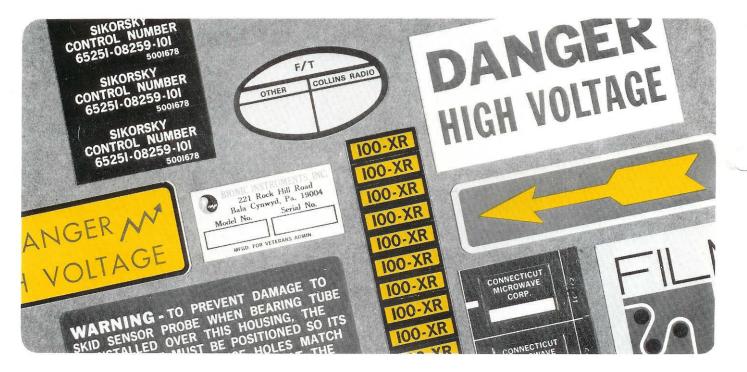
Permanent identification control tags are customized to your specifications.

Property I.D. tags are available with adhesive or mounting holes for permanent identification of equipment, fixtures, products, etc.

Permanently serialized for proper inventory control, many of these long-lasting tags come in stock sizes with no tooling expense.







Pressure sensitive, heat, or solvent activated adhesive is available on foil, mylar, vinyl, and paper from .001 thickness. Pressure sensitive adhesive may be permanent or removable on single, multi-color lithographed, or silk screened labels.

Labels may be individually die cut or supplied in strip or roll form. We have many stock sizes and shapes at no tooling cost.

Products meet military specifications and are approved by UL and CSA.

Send your blueprints, samples, or sketches for a prompt quotation.



# **DEEP ETCH PLATES**

## EXPENSIVE LOOKING PLATE WITHOUT THE EXPENSIVE COST OF A CASTING

Every detail of your design is photographically transferred to metal. The image is acid etched .020 to .025 deep with meticulous accuracy. Final machining and the application of durable color-matched enamel paint in the specified areas complete the procedure.

These make a very distinctive final product without the cost of tooling. These plates are deep-etched in zinc and are fabricated to your specifications. These plates add a very attractive look to your panels or machinery.

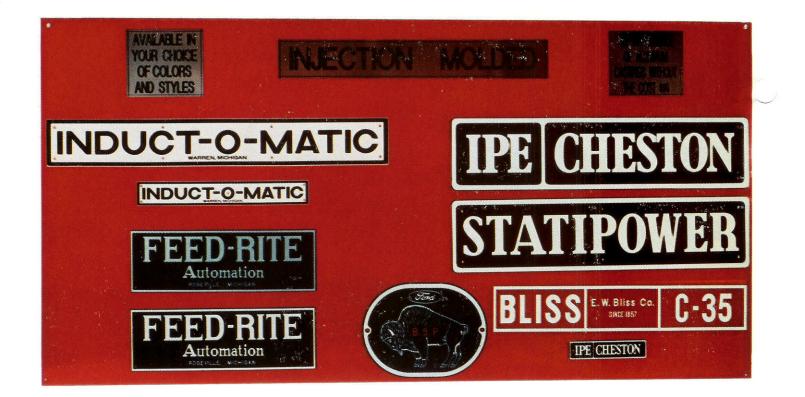


Send Us A Print For Your Quotation Today

# **INJECTION MOLDED PLASTIC**

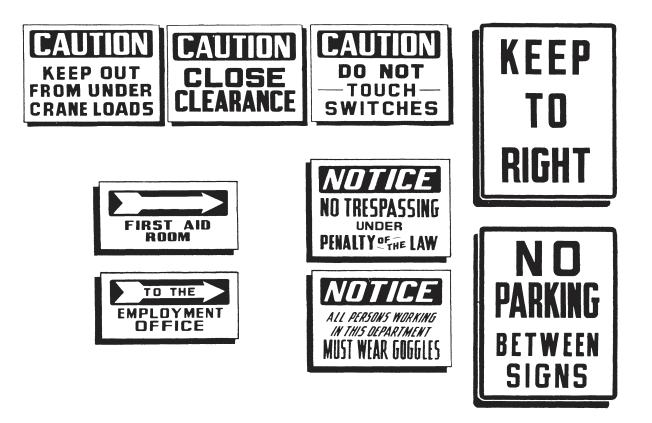
Molded plates out of plastic with minimal die cost! Dress up your machine today with these quality products.

These attractive plates are manufactured to your specifications — no high-cost tooling like aluminum castings. They are available in a large variety of colors.



Send Us A Print For Your Quotation Today

# SIGNS



### SIGN MATERIALS AVAILABLE:

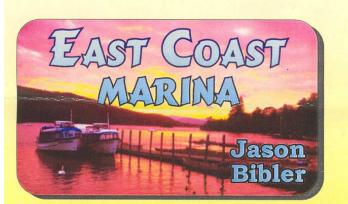
### ALUMINUM – PLASTIC PRESSURE SENSITIVE VINYLS

SPECIAL SIGNS WITH YOUR COMPANY NAME AND/OR LOGO IN MINIMUM QUANTITY OF 100 PIECES PER ORDER

# **TO OSHA SPECIFICATIONS**

SUBMIT DRAWINGS OR SKETCH FOR PRICES ON SPECIAL REQUIREMENTS. BE SURE TO SPECIFY SIZE AND GAUGE REQUIRED.

# The Possibilities of Sublimation are Virtually Endless!



Casey

World's Best Dog!

With a little imagination, sublimation can give you vibrant full color images on Rowmark's newest fiber glass reinforced plastic and hard board products known as ColorLine!

Personalized gift ideas include:\*Name badges\*Name plates\*Coasters\*Luggage tags\*Key Chains\*Plaques\*Clipboards\*Clockfaces

Michelle Lawren Director of Sales and Marketing

# This belongs to:

James Dunlap 33505 CR 34 Findlay, OH 44235

LAURA ANDERBY GRAPHIC ARTIST

## **SUBLIMATION EXAMPLES**



## BADGES & COASTERS



KEYCHAINS & DASH PLACQUES

# SUBLIMATED LOCKOUT TAGS



## **SUBLIMATED PLACQUES**



In Memory

NIKKI-SU

1989 - 2005

#### **Rainbow Bridge**

There is a bridge connecting Heaven & Earth. It is called the Rainbow Bridge because of its colors. Just this side of the Rainbow Bridge there is a land of meadows, hills and valleys with lush green grass.

When a beloved pet dies, the pet goes to this place. There is always food and water and warm spring weather. The old and frail animals are young again. Those who are maimed are made whole. They play together all day.

There is only one thing missing: They are not with their special person who loved them on Earth. Each day they run and play until the day comes when one suddenly stops playing and looks up! The nose twitches! The ears are up! The eyes are staring! And this one suddenly runs from the group.

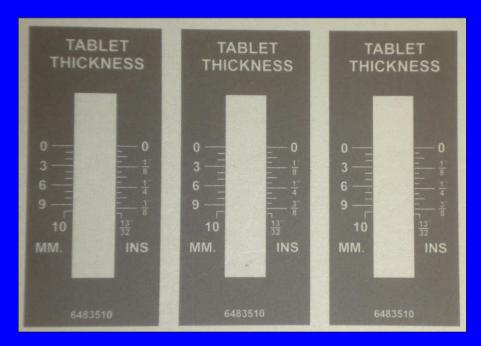
You have been seen, and when you and your special friend meet, you take him or her in your arms and embrace. Your face is kissed again and again, and you look once more into the eyes of your trusting friend.

> Then you cross the Rainbow Bridge togethe never again to be separated .

## SUBLIMATED DANGER TAGS



# SUBLIMATED INDUSTRIAL TAGS SUBLIMATION IS GREAT FOR ONE OF A KIND TAGS, SMALL or LARGE QUANTITIES





# SUBLIMATED MOUSE PADS

## WITH YOUR LOGO, PICTURE or PICTURES AND ANY CUSTOM WORDING

## **ROYAL OAK NAMEPLATE CO.**

and the second second

#### WE DO ENGRAVING !

FROM YOUR CAD FILE YOUR LIST. PRINTS OR SPECIFICATIONS

PUSHBUTTON & RELAY PLATES FOR CONTROL PANELS.

ENGRAVERS ALUMINUM & BRASS IN SHEETS OR CUT TO YOUR SPECIFICATIONS

ROWMARK ENGRAVING STOCK IN SHEETS or FABRICATED TO YOUR SPECIFICATIONS.

VINYL TAGS, LABELS & LETTERS

CUSTOM METALPHOTO, SCREENED & ETCHED PLATES

SUBLIMATION PRODUCTS

SELF-INKING RUBBER STAMPS

ARCHITECTURAL SIGNAGE & HOLDERS

CUSTOM NAMEBADGES IN ALL SHAPES, COLORS

COMPUTERIZED ENGRAVING MACHINES & CUTTERS



CALL US FOR ALL YOUR NAMEPLATE NEEDS TODAY!PHONE: 586-774-8500FAX: 586-774-8556TOLL FREE: 800-233-7667E-MAIL: ronpco@aol.com

# **CUSTOM INDUSTRIAL TAGS**





# **TAPES AND ADHESIVES**

# 2-SIDED ADHESIVE



DOUBLE COATED ACRYLIC ADHESIVES IN 2 MIL AND 5 MIL THICKNESS

FOAM TAPE 1/32", 1/16"

ALL TAPES ARE AVAILABLE IN A VARIETY OF WIDTHS

### Other Tapes Available: ENGRAVING TABLE TAPE

Hold engraving stock in place during engraving process. One side is low tack for easy removal. Use tape over and over.

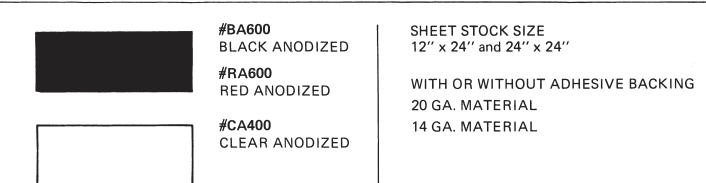
## **TUFF TAPE**

- For Maximum Strength
- 9 Mil Thick
- For Super Holding Power

# **ALUMINUM AND BRASS STOCK**

## FROM STOCK! ANODIZED ALUMINUM

THE FINEST ALUMINUM AVAILABLE, SPECIFICALLY MADE FOR ENGRAVING OF PLATES AND PANELS



ALL BRUSHED SATIN ALUMINUM FINISH (Masked)

# pre-polished BRASS

COATED WITH A TOUGH ELASTIC RESIN FAR SUPERIOR TO REGULAR LACQUER – WILL NOT CRACK, PEEL OR FLAKE. PROTECTED WITH MASKING PAPER.

**ENGRAVERS and TROPHY BRASS** 

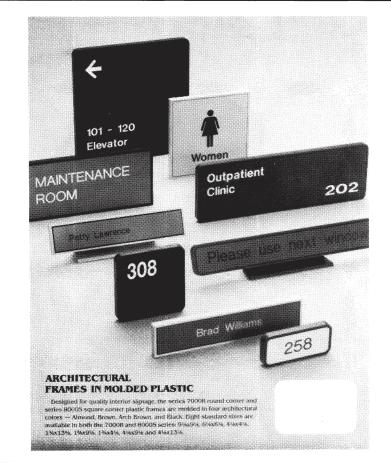
For engraving

- with non-rotating diamond cutter
- or with rotating routing cutter for contrasting color filling

RAPID DELIVERY ON ALL ALUMINUM AND BRASS PLATES CUT TO SPECIFIED SIZE WITH OR WITHOUT MOUNTING HOLES AND/OR PRESSURE SENSITIVE TAPE BACKING

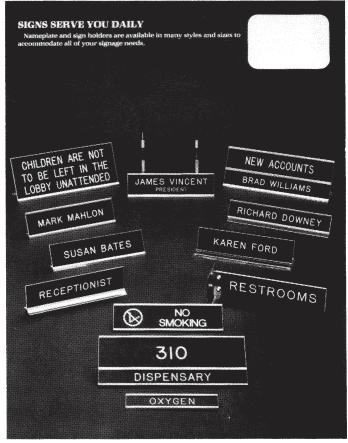
# NAMEPLATE HOLDERS

Detailed Brochure Available Upon Request



We Have Holders For Every Application Distributors For J.R.S. Co.





## **Engraving Cutters**

#### Understanding Material Classifications

Cutters are manufactured in a variety of shank diameters and lengths for all types of materials and applications. To meet your engraving needs, we manufacture and sharpen our cutters to exacting specifications. It is very important to use the proper cutter for the material being engraved. Cutters sharpened for soft materials such as plastic will dull quickly if used to engrave harder materials. Conversely, cutters sharpened for metals will not produce optimum results in softer materials. For ordering purposes, please specify which materials you will be engraving or reference the following Standard Material Classifications:

**BAL:** Brass, Aluminum, Soft Metals FLX: Flexible Engraving Stock (Rowmark<sup>®</sup>, Gravoply<sup>®</sup>, etc.) SSQR: Stainless Steel (Quarter Round) SSS: Stainless Steel, Steel, Hard Metals

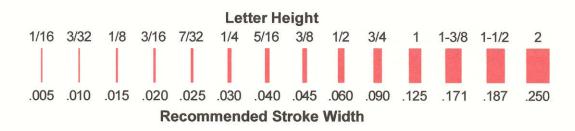
#### 1/8" × 4 1/2" Solid Micrograin Carbide P/N AC-125-1/8" .125 11/64" × 6 1/2" Solid Micrograin Carbide P/N AC-171-11/64" AUNI. .171 1/4" × 6 1/2" Solid Micrograin Carbide P/N AC-250-1/4" .250 (Cutters Shown Actual Size) (Actual Diameter)

#### Standard Cutter Specifications

#### Selecting the Appropriate Tip Width

The chart below displays the most commonly used letter height/tip width combinations for single line fonts. When engraving single stroke characters, we recommend that the width of the cut be approximately 12% of the letter height to achieve proportional letters. For example: engraving a 1/2" (0.50") letter, the stroke should be .060"; (0.50" × 12% = .060"). Cutters and burnishers are available in any required tip size, in .005" increments, ranging from a point (.000") up to the full shank diameter. Maximum stroke width of a 1/8" cutter is .125". Maximum stroke width of a 11/64" cutter is .171". Maximum stroke width of a 1/4" cutter is .250".

Please specify tip width when ordering.



## **Types of Cutters**

### **Standard Cutters**

Most frequently used tool for engraving plastics and metals. Cutters are made from carbide finish to produce cleaner cuts and stay sharper longer. Standard cutting tools produce a cut with a 30° side angle

for plastics and a 40° side angle for metals. Standard cutters are available in a variety of tip widths ranging from a point (.005") to the full width of the shank, in .005" increments.

### **Quarter Round Cutters**

A cutter with a second split, perpendicular to that of a standard half round tool, to provide greater chip clearance. Effective for many applications such as engraving stainless steel, acrylic, and soft materials that require greater clearance. Also work well for cutting out characters and shapes in soft material. Quarter Round cutters are available in a variety of tip widths ranging from a point (.000") to the full width of the shank, in .005" increments.

### **Burnishers**

Burnishing is a surface marking technique used to expose the bare metal on coated materials, such as lacquered brass or aluminum. These tools are used in a rotating spindle without a depth nose. Burnishers are not meant to cut deeply into material. Best results are obtained by using very light spindle pressure and a burnishing attachment. Available in a variety of tip widths ranging from a point (.005") to the full width of the shank, in .005" increments. *Also available with a diamond tip.* 

### Profilers

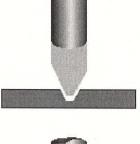
A Profiling tool has a narrow cutting angle and is effective for fine detail engraving and cutting out shapes where a slight bevel is acceptable. The standard angle on a Profiler is 15°. Recommended for applications where smallest parallel tip available is too wide or too fragile. Standard tip widths range from .005" to .060". Larger tip sizes are available.

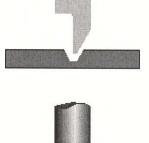
### Parallel Cutters

A parallel tool will produce a cut with straight edges and a flat bottom, as opposed to the angled or "V" cut from a standard tool. The smallest recommended tip size is .060". We recommend that the depth of the cutter not exceed 150% of the width. Maximum depth is double the width. When ordering, be sure to specify the depth of the cut required, or material thickness if cutting completely through.

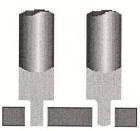
### **Cutter-Bevelers**

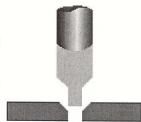
Cuts out and bevels in one smooth operation. A Cutter-Beveler has a parallel cutting edge which profiles or cuts through the material. The angled edge produces a 45° bevel for a depth of 1/3 to 1/2 of the material thickness. This can be beneficial for applications such as cutting out badges (on an engraving machine) or producing discs or odd shaped items which are difficult or impossible to do with a beveling machine.











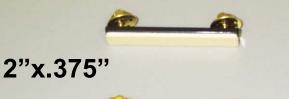
# **BADGE FINDINGS**







## PART # RO 152 Glue-On PART # RO 152PS with S/A



PART # RO 403 BullDog Glue-On



PART #RO 451 Bull Dog with S/A



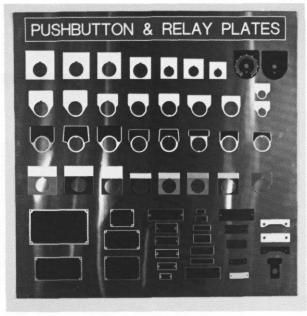
# SUPPLIES



Blackening Acid For Anodized Aluminum & Lacquered Brass Turns Letters Black Fast!



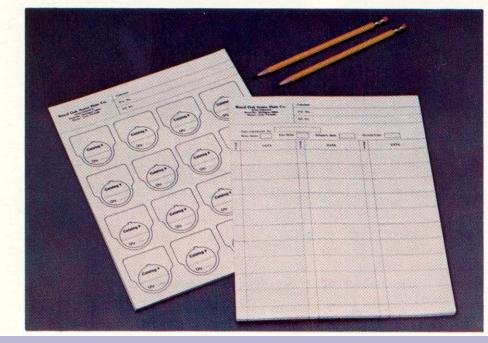
# SALES AIDS



### Pushbutton & Relay Tag Display

## WRITE-UP PADS

Available Upon Request. Makes Sending & Writing Up Orders Easier!



Pushbutton Write-Up Pad

&

Solenoid & Relay Write-Up Pad