

# GENERAL SPECIFICATIONS FOR ANODIZED PARTS

## 1. ANODIZE PER MIL-A-8625

- ☐ TYPE I (CHROMIC ACID ANODIZE)
- ☐ TYPE II (CHROMIC ACID LOW VOLT)
- ☐ TYPE III (SULFURIC ACID ANODIZE)
- ☒ TYPE IIII (HARD ANODIC COATING)
- ☐ CLASS I (NON-DYED)
- ☒ CLASS 2 (DYED)
- ☒ COLOR: BLACK
- ☐ COLOR:

## 2. THICKNESS OF COATING

(AN INCREASE IN DIMENSION, EQUAL TO ONE HALF OF THE THICKNESS OF THE APPLIED COATING, CAN BE EXPECTED FOR EACH SURFACE COATED DUE TO SURFACE GROWTH.)

- ☒ (TYPE IIII) .002
- ☐ (TYPE II CLASS 2) .0003 TO .0009
- ☐ (TYPE II CLASS II) .0001 TO .0007
- ☐ SPECIFY OTHER

## 3. ALL DIMENSIONS TO BE HELD TO PRINT TOLERANCE AFTER ANODIZATION.

## 4. MASKING OF HOLE AND/OR OTHER FEATURES

IF UNSPECIFIED, ANY TAPPED OR NOT TAPPED HOLE 1/4 INCH OR LESS IN DIAMETER WILL BE FURNISHED FREE OF ANODIC COATING. IF UNSPECIFIED, ANY TAPPED OR NOT TAPPED HOLE OVER 1/4 INCH IN DIAMETER SHALL BE ANODIZED.

- ☐ DO NOT MASK
- ☒ MASKING REQUIRED IN 1 PLACES. SEE NOTE 3

## 5. RACKING POINTS

IF UNSPECIFIED, SIZE AND NUMBER OF CONTACT MARKS SHALL BE AT A MINIMUM CONSISTENT WITH GOOD PRACTICE. IF UNSPECIFIED, THE LOCATION OF CONTACT MARKS SHALL BE AT ANODIZERS DISCRETION (IN AREAS OF MINIMUM EXPOSURE).

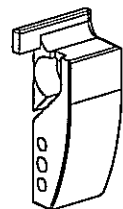
- ☐ RACK ONLY ON FEATURES INDICATED BY NOTE 3

## 6. SEALING (IF UNSPECIFIED, SEAL WITH WATER)

- ☒ NICKEL ACETATE
- ☐ DO NOT SEAL (ONLY FOR TYPE IIII FOR MAXIMUM WEAR RESISTANCE)
- ☐ OTHER SEALANT REQUIRED:

## NOTES:

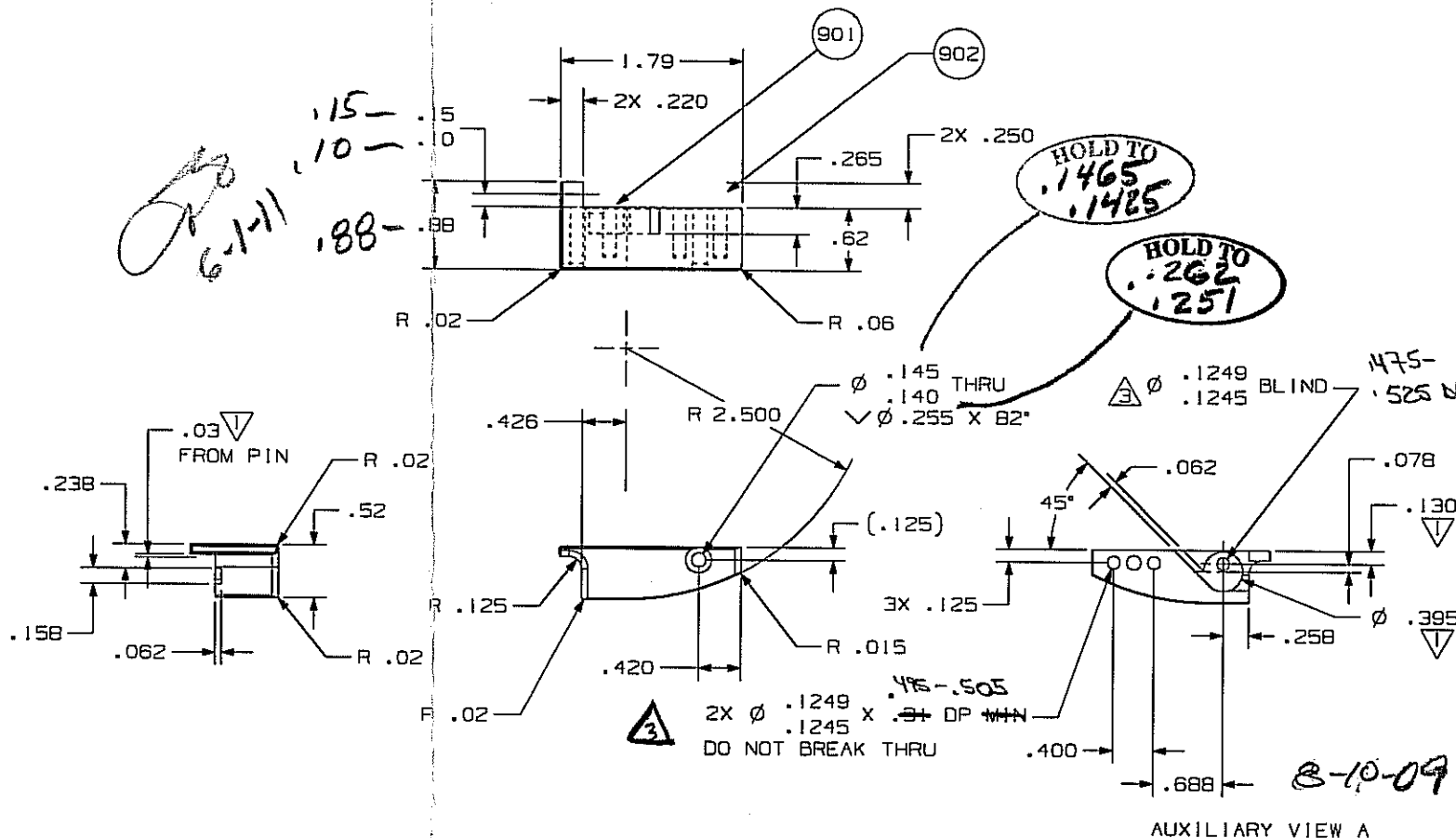
1. BREAK ALL SHARP EDGES AND CORNERS R.005-.015 (OR X 45°).
2. ▽ INDICATES KEY FEATURES TO BE VERIFIED AT INCOMING INSPECTION.
3. △ MASK PRIOR TO ANODIZING.



VIEW SHOWN WITHOUT DOWEL PINS INSTALLED

THIS DRAWING IS NOT RELEASED. PLEASE USE FOR ENGINEERING EVALUATION ONLY.

TIM BUHLER  
5/8/01  
303-231-4872



ALLOW  
FOR PLATING  
.001 PER  
SURFACE

UG DRAWING

REV	REVISION DESCRIPTION	BY	DATE	ECO #
A	ORIGINAL RELEASE, REPLACES 777096-144	TB	5/15/01	BCT009106
B	DIM. .158" ON LEFT VIEW WAS .148"	AR	07/15/03	BCT012118

902	2	EA	779029-408	PIN, DOWEL, SST Ø.125 X .75 LG
901	1	EA	779029-407	PIN, DOWEL, SST Ø.125 X .625 LG
ITEM NO.	QTY	U/M	PART NO.	DESCRIPTION
BILL OF REFERENCE				
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TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1993 DIMENSIONS SPECIFIED ARE AFTER ADDITIVE FINISH.		DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED		
.X1 0.1 .XX 0.01 .XXX 0.005 .XXXX 0.0010		MATERIAL 6061-T6 ALUMINUM		
ANGLES ± 2		ORIGINATOR T. BUHLER		
SURF. FINISH 63 RMS		DATE 5/8/01		
SIZE C 1:1		DRAWN C. HAKE		
SCALE DO NOT SCALE DIMS		DATE 2/28/08		
PART NO. 777098-106				REV B 1/1

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