

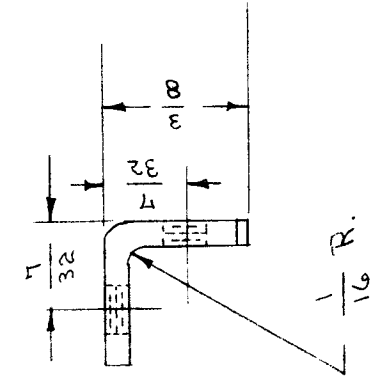
FP-101 **B**

USED ON

| | | | |
|------------|-------------|-----------|---------|
| MODEL | PROJECT NO. | ASSY. NO. | DATE |
| BAC-1-S-20 | 108 | A-112 | 7/15/53 |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



6-32 TAP NF2
2 HOLES REQ'D.

NICK 2 CORNERS 1/8

| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
|------------|-----------------------------------|---------|---------|--------|---------|-----------|
| B 1 | S404 IRIDITE WAS SLOI CAUSTIC DIP | 12-7-59 | 1001 | ✓ | EMN | |
| A 1 | NICK CORNERS ADDED | 8/2/53 | 1 | C.D.D. | EMN | |
| 1 | REDRAWN, NO CHANGE | 7/9/53 | — | C.D.D. | EMN | |

TOLERANCES

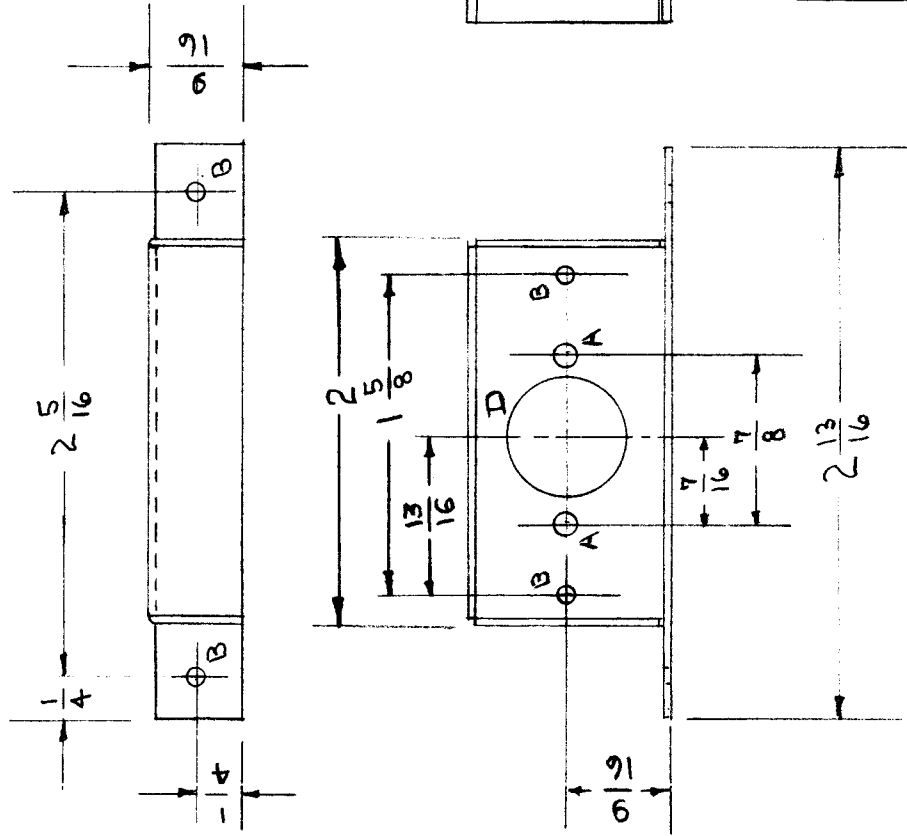
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

| | | | |
|--------------------|-----------------|--|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | 064 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| MATERIAL | STOCK SIZE | BRACKET | |
| ALUMINUM | # | | |
| MATERIAL | WEIGHT PER PC. | | |
| 52S H32 | | | |
| TYPE & TEMPER | | | |
| H | | | |
| DRAWN | ELEC. DES. APP. | MECH. DES. APP. | |
| EMB 7/15/53 | | | |
| 6/13/53 | CHECKED | FINAL APPROVAL | |
| S404 - IRIDITE | | FP-101 | B |
| FINISH & SPEC. NO. | | | |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



NOTE: 1.- ALL DIMENSIONS OUTSIDE
2.- INSIDE RADIUS BENDS 1/16

A - 9/64 D (.140) 2 HOLES REQ.
B - 1/64 D (.172) 4 HOLES REQ.
D - 5/8 D (.625) 1 HOLE REQ.

FP-104 B

USED ON

| | | | |
|-------|-------------|-----------|---------|
| MODEL | PROJECT NO. | ASSY. NO. | DATE |
| DMK-4 | 140 | A-129 | 8-19-52 |

| | | | |
|--------------------|------------|--|----------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | .051 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| MATERIAL | STOCK SIZE | BRACKET, TUBE | |
| ALUMINUM | # | | |
| WEIGHT PER PC. | | | |
| 52S-H32 | | | |
| TYPE & TEMPER | | | |
| # | | | |
| HEAT TREAT. SPEC. | | | |
| S404-IRIDITE | | | |
| FINISH & SPEC. NO. | | | |
| | | | FP-104 B |

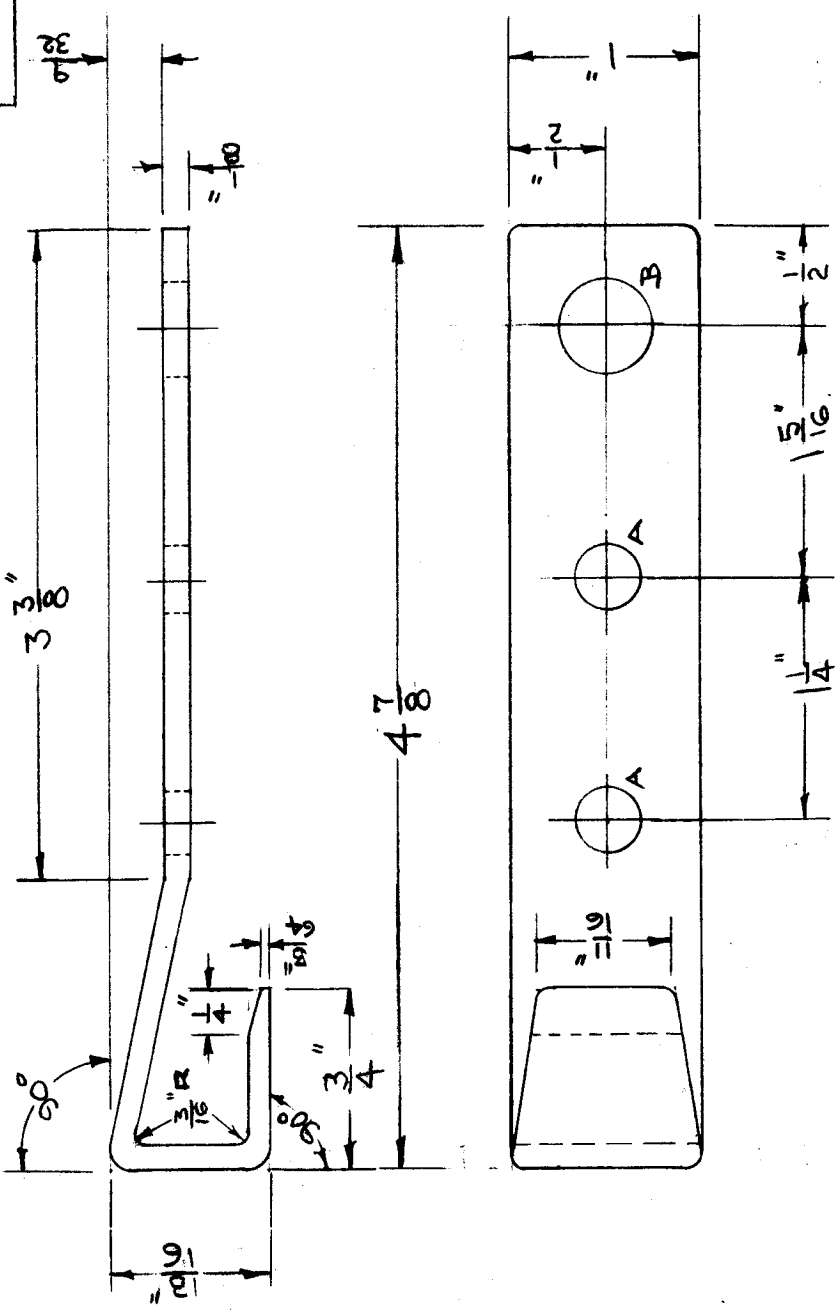
| | | | | | | |
|---|---|------------|---------|--------|---------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
| B 1 | S404 IRIDITE WAS S101 CAUSTIC DIP | 12-3 53 | 1001 | P | EMN | |
| A 2 | 1 5/8 WAS 1 9/16 | 2/4/54 | 24 | 16 | JADe | WDC |
| A 1 | 1 13/16 WAS 1 7/8 | 2/7/32 | | | | |
| TOLERANCES | | | | | | |
| SCALE FULL | | | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | | | |
| ALL OTHERS | DEC. DIM. ± FRAC. DIM. ± 1/4 ANGULAR DIM. ± | | | | | |

FP-105 B

RELEASED

USED ON

| | | | |
|-------|-------------|-----------|---------|
| MODEL | PROJECT NO. | ASSY. NO. | DATE |
| | # 1A1 | A-126 | 8-22-52 |



A = 1/32 D (.343) 2-Holes
 B = 1/2 D (.500) 1-Hole
Note
 Remove All Burrs & Sharp Corners.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

| | | | | | |
|------------|------------------|----------|---------|--------|---------|
| 11 | 4-5 ADDED 90° | 12-12-52 | 4 | JAD | J |
| 10 | GENERAL REVISION | 12/10/52 | 3 | JAD | 16 |
| 9 | GENERAL REVISION | 11/14/52 | 2 | JAD | R7B |
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER |
| TOLERANCES | | | | | |
| SCALE | | | | | |

DEC. DIM. ±
 FRAC. DIM. ± 1/64
 ANGULAR DIM. ±

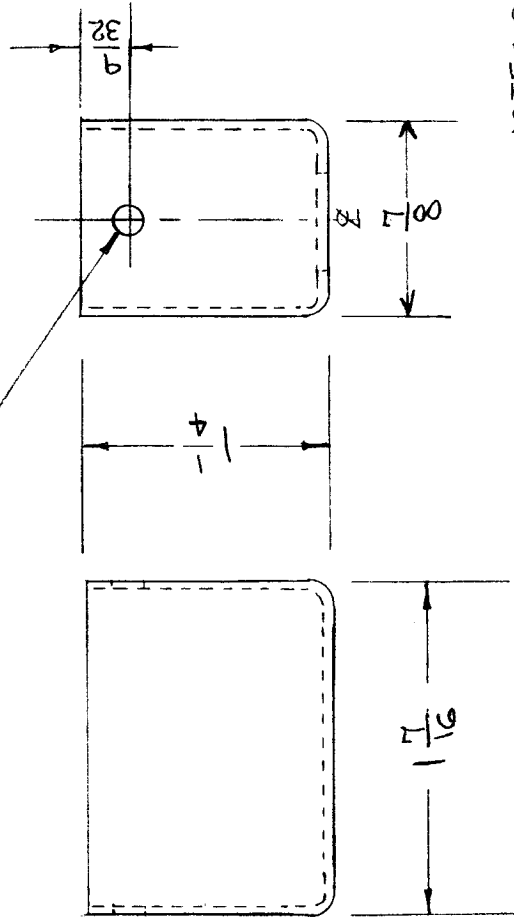
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

| | | | |
|--|----------------|--|-----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | 1/8 THICK | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| | COPPER | CONTACT ARM | |
| MATERIAL | WEIGHT PER PC. | | |
| 1/2 HARD | | | |
| TYPE & TEMPER | | | |
| | | | |
| HEAT TREAT. SPEC. | | | |
| SILVER PLATE .0001K FINISH & SPEC. NO. | | | |
| DRAWN | | ELEC. DES. APP. | MECH. DES. APP. |
| RAB 8/29/52 | | | |
| CHECKED | | FINAL APPROVAL | |
| | | FP-105 D | |

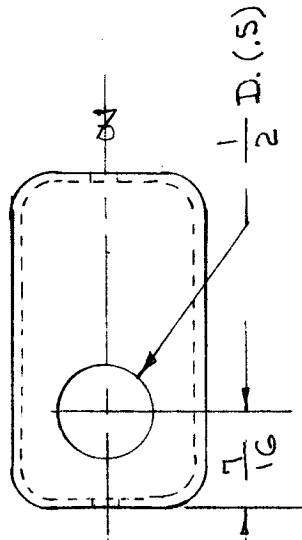
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

NO 26 (.147) DRILL. 2 HOLES REQ.



NOTE: CUT STOCK CAN TO REQUIRED SIZE



USE FP-127-1

| | | | |
|--------------|-------|-------------|-----------|
| FP-106 B | | USED ON | |
| REQ PER UNIT | MODEL | PROJECT NO. | ASSY. NO. |
| 2 | DMKA | 140 | A-128 |
| | | DATE | |
| | | | 8-27-52 |

| | | | |
|--------------------|----------------|------------------------------|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| STOCK CAN | | THE TECHNICAL MATERIEL CORP. | |
| ALUMINUM | | MAMARONECK. NEW YORK | |
| MATERIAL | WEIGHT PER PC. | SHIELD, CAN | |
| TYPE & TEMPER | | | |
| HEAT TREAT. SPEC. | | | |
| S-404 IRIDITE | | | |
| FINISH & SPEC. NO. | | | |

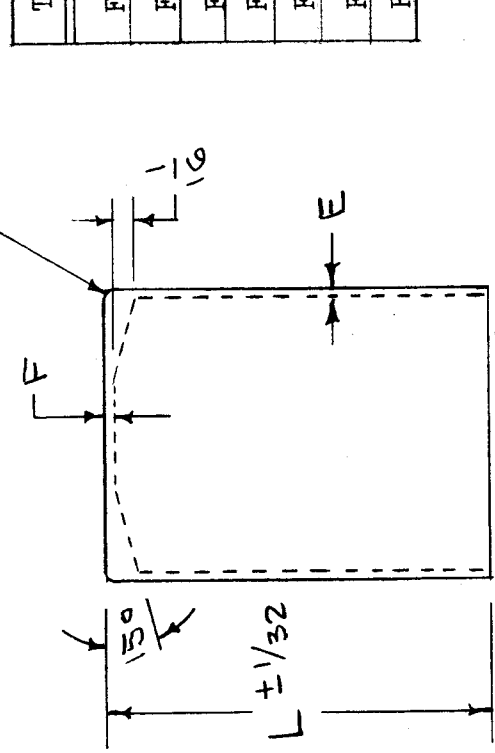
| | | | | | | |
|---|------------------|---------|---------|-----------|---------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTSMAN | CHECKER | ENG. APP. |
| B 1 | 6404-IRIDITE WAS | 2-7 | 1001 | SP | | EMN |
| A 1 | 6401-CAUSTIC DIP | 5-7 | | | | |
| | CAN WAS FP-108-3 | 11-2-52 | | | | |
| TOLERANCES | | | | | | |
| SCALE FULL | | | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | | | |
| DEC. DIM. ± | | | | | | |
| FRAC. DIM. ± | | | | | | |
| ANGULAR DIM. ± | | | | | | |

STANDARD DRAWING

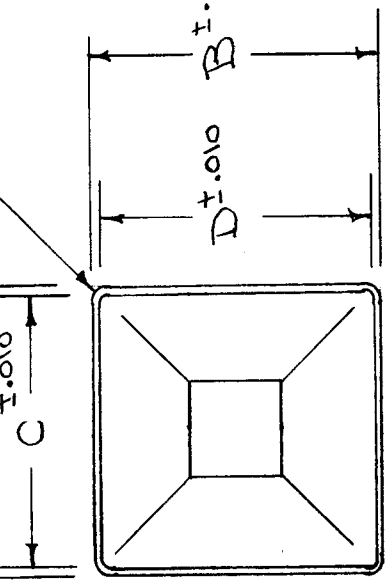
REQ. PER UNIT: 1
 MODEL: A-1387
 ASSY. NO.:
 DATE: 5-1-58
 USED ON: FP-108

FP-108
 K

G (BOTTOM R)



H (SIDE R)



| TMC-NO | L | A | B | C | D | E | F | G | H |
|----------|-------|-------|-------|-------|-------|------|------|------|------|
| FP-108-1 | 2 1/8 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |
| FP-108-2 | 1 1/2 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |
| FP-108-3 | 2 5/8 | 1 3/4 | 1 | - | - | .025 | .035 | 1/16 | 5/32 |
| FP-108-4 | 1 7/8 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |
| FP-108-5 | 2 7/8 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |
| FP-108-6 | 1 5/8 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |
| FP-108-7 | 1 3/4 | 1.425 | 1.425 | 1.375 | 1.375 | .025 | .035 | 1/16 | 5/32 |

NOTICE TO PERSONS RECEIVING THIS DRAWING

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Property of:

THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK

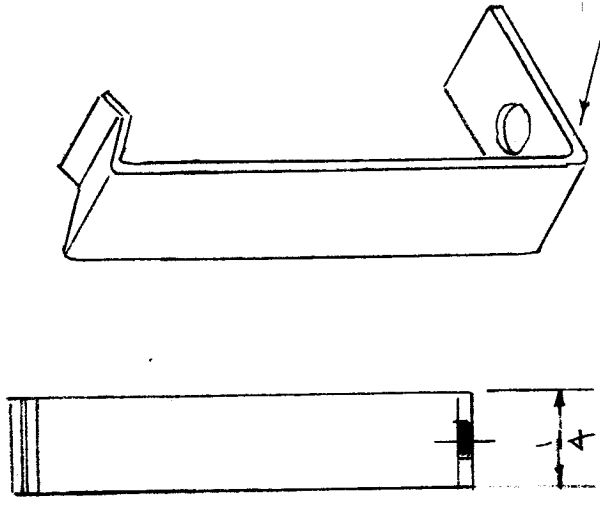
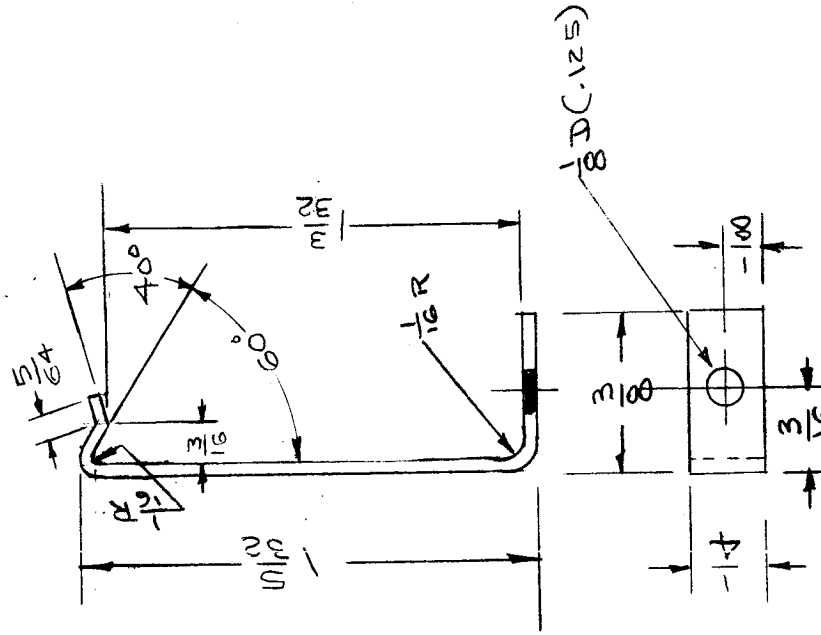
Ref. ALCOA

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--|-------------------|--|----------------|
| K | 8252 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | K |
| J | 10 | CAN | |
| # | # | Aluminum | |
| ISSUE ITEM | CH. NO. | DRAFTS | CHECKER |
| 1 | 2-11-63 | 8252 | W.D. K |
| 1 | 4/14/58 | 10 | W.D. K |
| # | 10/9/56 | # | W.D. K |
| CHANGED FROM: REDRAWN NO CHANGE DATE: 10/9/56 CHECKER: W.D. K ENG. APP.: W.D. K | | | |
| TOLERANCES: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | |
| DEC. DIM. ± | | | |
| FRAC. DIM. ± | | | |
| ANGULAR DIM. ± | | | |
| TYPE & TEMPER | HEAT TREAT. SPEC. | DRAWN | CHECKED |
| 2 S | # | W.D. K | W.D. K |
| FINISH & SPEC. NO. | | | FINAL APPROVAL |
| # | | | FP-108 |

| REQ. PER UNIT | MODEL | USED ON | DATE |
|---------------|----------|---------------|---------|
| 5 | VOX | ABSY. NO. 101 | |
| 6 | VOX-1, 2 | 291 | 1-24-55 |
| 3 | XPK | | |
| 1 | FFRD-1 | | 5-13-58 |

FP-109 C.

ALL RADIUS BENDS X/6



NOTE: BEND AS SHOWN SO CLAMP WILL GROUND AND MAINTAIN PRESSURE ON TOP OF XTAL CASE. FOR USE WITH TS-104-1.

| REQ. ITEM | DESCRIPTION | SYMBOL |
|--|----------------------|--------------------|
| C 1 | DIMENSIONS Clarified | 4/5/57 |
| B 1 | RADII ADDED | 4/2/57 |
| A - | NO REVISION | 3/15/57 |
| ISSUE ITEM | CHANGED FROM | DATE |
| TOLERANCES DEC. DIM. \pm FRAC. DIM. \pm 1/64 ANGULAR DIM. \pm | | |
| SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | |
| CH. NO. | DRAFTS | CHECKER |
| 3 | JHR | JHR |
| 2 | JHR | JHR |
| 1 | JHR | JHR |
| DATE | CH. NO. | DRAFTS |
| 4/5/57 | 3 | JHR |
| 4/2/57 | 2 | JHR |
| 3/15/57 | 1 | JHR |
| TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO. |
| NICKEL PLATE | S-135 | |
| DRAWN 3/15/57 CHECKED 6/3/57 FINAL APPROVAL JHR FP-109 C. | | |

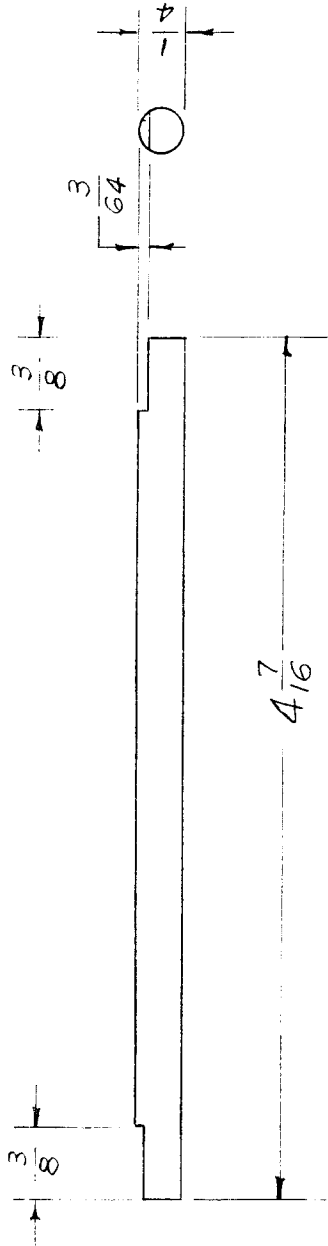
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
CLAMP, XTAL

PART NO. .015
STOCK SIZE
PROSPHOR BRONZE
MATERIAL

REQ. ITEM DESCRIPTION SYMBOL
 THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK
 CLAMP, XTAL
 DRAWN 3/15/57
 CHECKED 6/3/57
 FINAL APPROVAL JHR
 FP-109 C.

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



FP-113

B

USED ON

| | | | | |
|---------------|-------|-------------|------------|---------|
| REQ. PER UNIT | MODEL | PROJECT NO. | ASS'Y. NO. | DATE |
| 1 | XFK | | A-683 | 8/21/55 |

| | | | |
|---------------------|----------------|------------------------------|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| $\frac{1}{4}$ ROD | | THE TECHNICAL MATERIEL CORP. | |
| STOCK SIZE | | MAMARONECK. NEW YORK | |
| BRASS | # | SWITCH EXTENSION SHAFT | |
| MATERIAL | WEIGHT PER PC. | XFK | |
| FREE TURNING | | | |
| TYPE & TEMPER | | | |
| HEAT TREAT. SPEC. | | | |
| S-105 CADMIUM PLATE | | | |
| .0002 | | | |
| FINISH & SPEC. NO. | | | |

| | | | | | |
|---|------------------------------|---------|---------|----------------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
| # | REDRAWN NO | 8-22-55 | # | PB | ESS |
| TOLERANCES | | | | | |
| SCALE | | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | | |
| ALL OTHERS | DEC. DIM. \pm | | | | |
| | FRAC. DIM. \pm $\sqrt{64}$ | | | | |
| | ANGULAR DIM. \pm | | | | |

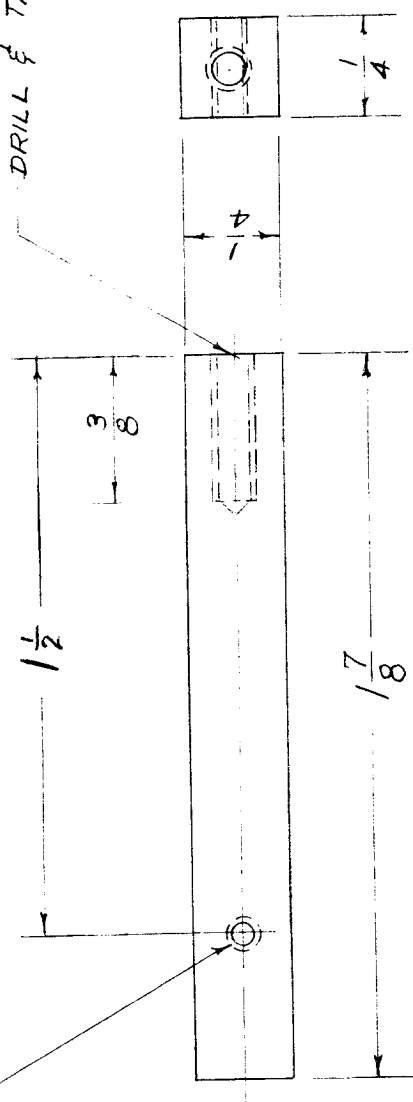
FP-114 B

USED ON

REQ. PER UNIT 6
 MODEL XFK
 PROJECT NO. A-603
 ASSY. NO. 6-22-55
 DATE

DRILL & TAP 4-40

DRILL & TAP 6-32



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

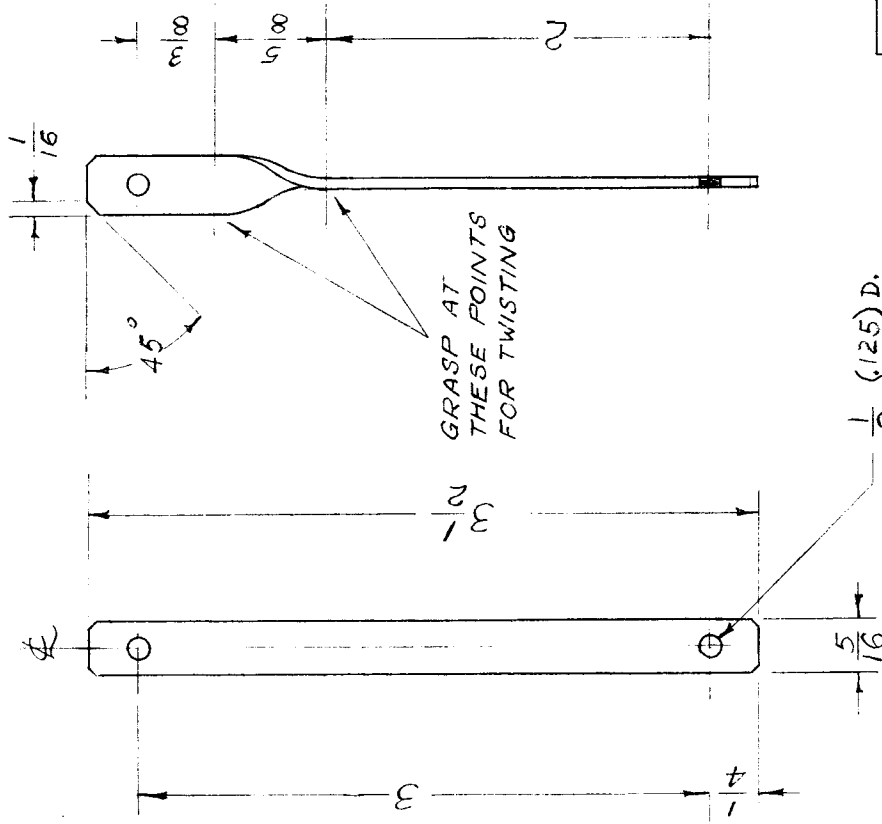
DEC. DIM. ± .005
 FRAC. DIM. ± $\sqrt{64}$
 OTHERS ANGULAR DIM. ±

12-7 1001 SP EMN
 59
 REDRAWN NO CHANGE 8/21/64
 DATE CN. NO. DRAFTS CHECKER ENG. APP.
 CHANGED FROM
 SCALE
 TOLERANCES

| | | | |
|--------------------|----------------|------------------------------|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| 1/4 SQUARE | | THE TECHNICAL MATERIEL CORP. | |
| ALUMINUM | # | MAMARONECK. NEW YORK | |
| MATERIAL | WEIGHT PER PC. | TERMINAL BOARD SUPPORTS | |
| 24S-73 | | XFK | |
| TYPE & TEMPER | | DRAWN | WDC |
| # | | ELEC. DES. APP. | WDC |
| HEAT TREAT. SPEC. | | CHECKED | WDC |
| S-404-IRIDITE | | FINAL APPROVAL | |
| FINISH & SPEC. NO. | | FP-114 | B |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



1 (125) D.
8 2 HOLES REQ

FP-115 B

| USED ON | |
|---------------|---------|
| REQ. PER UNIT | 1 |
| MODEL | XFK |
| PROJECT NO. | A-355 |
| ASSY. NO. | 8-23-55 |
| DATE | 8-23-55 |

| | | | |
|--------------------|----------------|------------------------------|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| .032 | | THE TECHNICAL MATERIEL CORP. | |
| STOCK SIZE | | MAMARONECK. NEW YORK | |
| ALUMINUM | | LONG SHAFT LINK | |
| MATERIAL | WEIGHT PER PC. | XFK | |
| ZAS T3 | | | |
| TYPE & TEMPER | | | |
| | | | |
| HEAT TREAT. SPEC. | | | |
| S-404 IRIDITE | | | |
| FINISH & SPEC. NO. | | | |

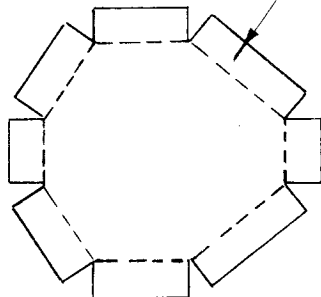
| | | | | | |
|------------|-----------------------------------|----------|---------|----------------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
| B 1 | 1/8 HOLE WAS 9/64 | 12/23/50 | 1709 | AG | JUR |
| A 1 | S404 IRIDITE WAS S101 CAUSTIC DIP | 12/27/57 | 1001 | UP | EMN |
| | REDRAWN NO CHANGE | 8/23/55 | | | |

| | |
|-------------------|--------------------------------|
| TOLERANCES | |
| DEC. DIM. ± | DRILL, PUNCH, COMMERCIAL STOCK |
| FRAC. DIM. ± 1/64 | SIZES AND MANUFACTURERS |
| ANGULAR DIM. ± 1° | TOLERANCES ARE NOT INCLUDED. |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

MATERIAL LAY-UP - 8 PLYES OF PRE-IMPREGNATED MATERIAL



BEND ON DOTTED LINE

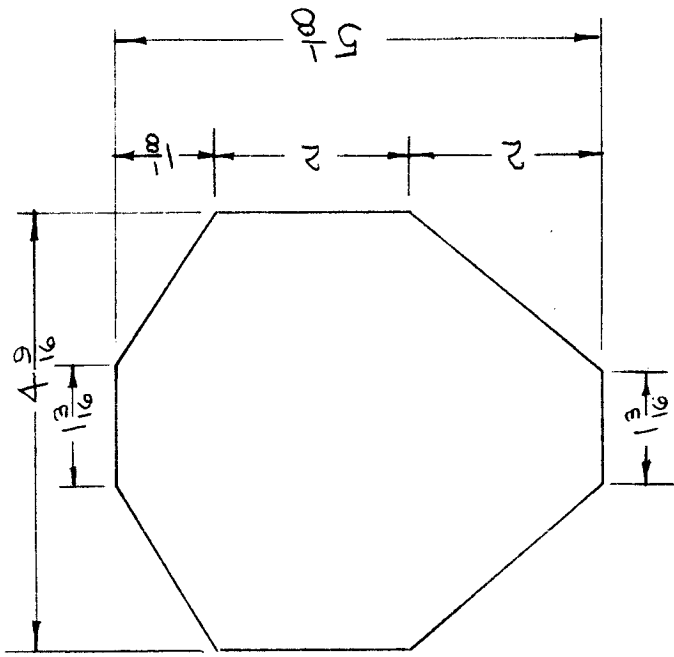
NOTE:
AFTER PLYES ARE LAID UP,
THE MOLD IS SEALED IN A
BAG OF POLYVINYL ALCOHOL.
A VACUUM IS APPLIED AND
THE UNIT IS CURED IN AN
OVEN AT 135°C. FOR 1/2
HOURS.

PLY
13,537

PLY
2,4

PLY
6,8

RINGS AROUND SIDES OF COVER ONLY.



MOLD DIMENSIONS:
MADE OF 3/4 PLYWOOD

USED ON

| | | | |
|-------|-------------|-----------|--------|
| MODEL | PROJECT NO. | ASSY. NO. | DATE |
| DAC-1 | 180 | A-455 | 5-6-53 |

FP-118

| | | | |
|-----------|----------|---|-----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| | | COVER | |
| | | DAC-1 | |
| | | C.D.D. 5-6-53 | |
| | | DRAWN | ELEC. DES. APP. |
| | | MECH. DES. APP. | |
| | | CHECKED | FINAL APPROVAL |
| | | SEE NOTE | |
| | | HEAT TREAT. SPEC. | |
| | | FINISH & SPEC. NO. | |
| | | TYPE & TEMPER | |
| | | STOCK SIZE | |
| | | POLYESTER 181-136 | |
| | | GLASS CLOTH | |
| | | MATERIAL | |
| | | WEIGHT PER SQ. | |
| | | SCALE | |
| | | CHANGED FROM | |
| | | DATE | |
| | | CN. NO. | |
| | | DRAFTS | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | TOLERANCES | |
| | | DEC. DIM. ± | |
| | | FRAC. DIM. ± | |
| | | ANGULAR DIM. ± | |
| | | DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | |
| | | MECH. DES. APP. | |
| | | FINAL APPROVAL | |
| | | FP-118 | |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

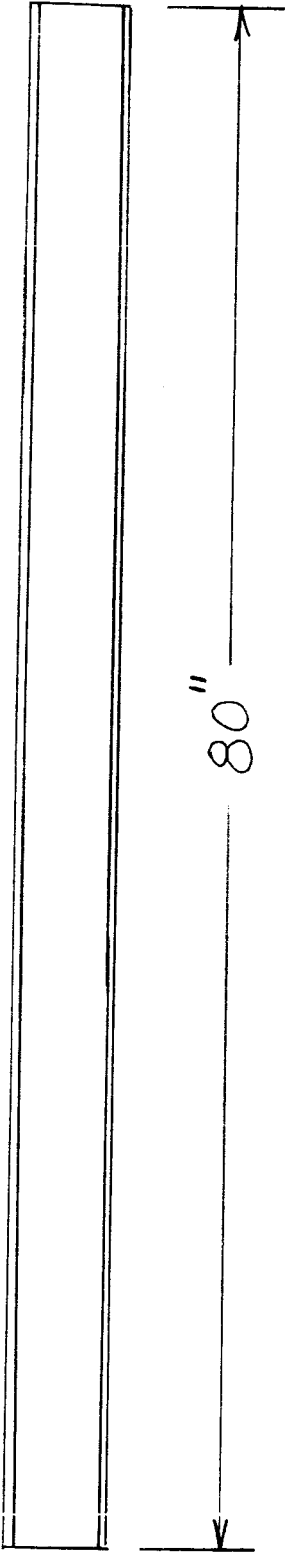
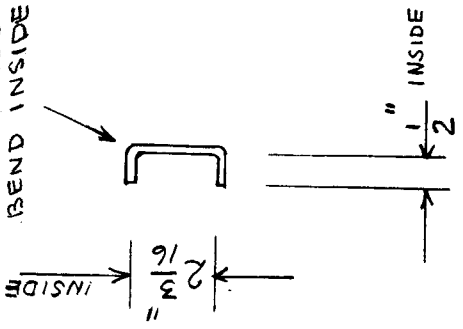
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

FP-119 B

USED ON
 PROJECT NO.
 MODEL
 ASS'Y. NO.
 DATE

DDR-2

1/16" RADIUS BEND INSIDE



NOTE - FINISH
 S-404 - IRIDITE
 S-114 ZINC CHROMATE PRIMER
 PAINT - TO MATCH SAMPLE SUPPLIED

| | | | | | | | |
|------------|---|--|---------|---------|--------|---------|---|
| B | 1 | FIN- S404 IRIDITE WAS S101 CAUSTIC DIP | 12-7 59 | 1001 | P | EMN | |
| A | 1 | REDRAWN CHANGES | 7/7/53 | 1 | C.D.D. | PHX | |
| ISSUE | ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
| TOLERANCES | | | | | | | SCALE 1/16" |
| ALL OTHERS | DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ± | | | | | | DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. |

| | | | |
|-------------------|--------------------|--|-----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| .051 | | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| ALUMINUM MATERIAL | STOCK SIZE | TRIM STRIP | |
| 525 - H32 | WEIGHT PER PC. | | |
| TYPE & TEMPER | | | |
| | | C.D.D. 7/7/53 | |
| | | DRAWN | ELEC. DES. APP. |
| | | CHECKED | MECH. DES. APP. |
| | | | FINAL APPROVAL |
| NOTE | FINISH & SPEC. NO. | FP-119 | B |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

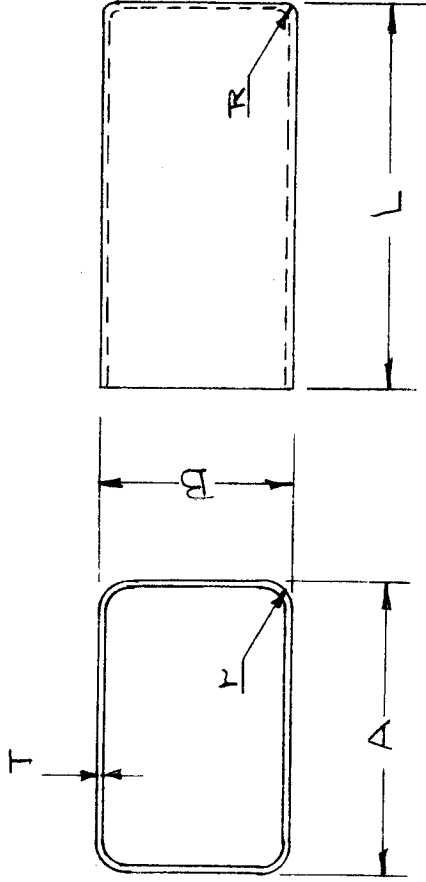
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

| TMC NO | A | B | L | T | r | R |
|----------|--------|-----|-------|------|-----|------|
| FP-127-1 | 1 7/16 | 7/8 | 2 3/8 | .016 | 1/4 | 1/16 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |

STANDARD DRAWING

FP-127

USED ON
MODEL PROJECT NO. ASS'Y. NO. DATE



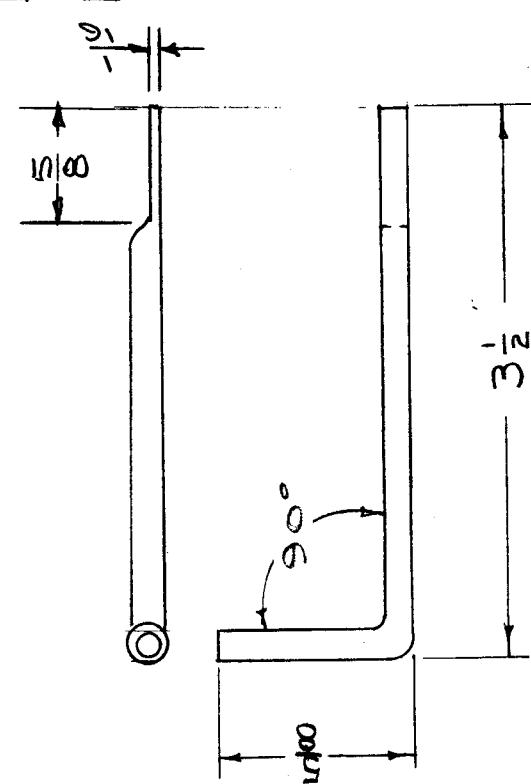
ALUMINUM GOODS MFG. CO.

| | | | |
|--------------------|---------------------------------|--|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| STOCK SIZE | ALUMINUM | | |
| MATERIAL | CAN, RECTANGULAR | | |
| WEIGHT PER PC. | | | |
| TYPE & TEMPER | DRAWN 1A 4/29/54 | | |
| HEAT TREAT. SPEC. | ELEC. DES. APP. MECH. DES. APP. | | |
| FINISH & SPEC. NO. | CHECKED FINAL APPROVAL | | |
| | FP-127 | | |

| | | | | | | |
|---|--------------|------|---------|--------|---------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
| ALL OTHERS | | | | | | |
| TOLERANCES | | | | | | |
| DEC. DIM. ± .005 | | | | | | |
| FRAC. DIM. ± 1/64 | | | | | | |
| ANGULAR DIM. ± | | | | | | |
| SCALE | | | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | | | |

FR-131 C

| USED ON | | | |
|---------------|--------|-------------|-------------------|
| REQ. PER UNIT | MODEL | PROJECT NO. | ASS'Y. NO. |
| 2 | RAC | | A-848 A-849 |
| 2 | BAC-1 | | 11 10/25/54 |
| 2 | RAC-10 | | A-849 11-26-54 |
| 2 | RAC-12 | | A-990 4-15-55 |
| 2 | RAC-3 | | A-848 9-17-57 |



IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

CHANGED FROM 2 3/4 WAS 2 3/4
 11/2/54
 DATE CN. NO. DRAFTS CHECKER ENG. APP.

SCALE

TOLERANCES

DEC. DIM. ±
 FRAC. DIM. ± 1/64
 OTHERS ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--------------------|----------------|------------------------------|--------|
| 3/16 O.D. TUBING | | THE TECHNICAL MATERIEL CORP. | |
| COPPER | | MAMARONECK, NEW YORK | |
| | | CONNECTOR, INSULATOR | |
| MATERIAL | WEIGHT PER PC. | | |
| SOFT DRAWN | | | |
| TYPE & TEMPER | | | |
| H | | | |
| HEAT TREAT. SPEC. | | | |
| H | | | |
| FINISH & SPEC. NO. | | | |
| H | | | |

| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
|------------|-----------------|---------|---------|----------------|-----------|
| C | 5/8 DIM added | 8/5/60 | 4 | DM | |
| B | 3 1/2 WAS 2 3/4 | 9/9/57 | 2 | WAS | |
| A | 2 3/4 WAS 2 7/8 | 11/2/54 | 1 | WAS M.T.S. | |

DRAWN
 ELEC. DES. APP.
 MECH. DES. APP.

CHECKED
 FINAL APPROVAL

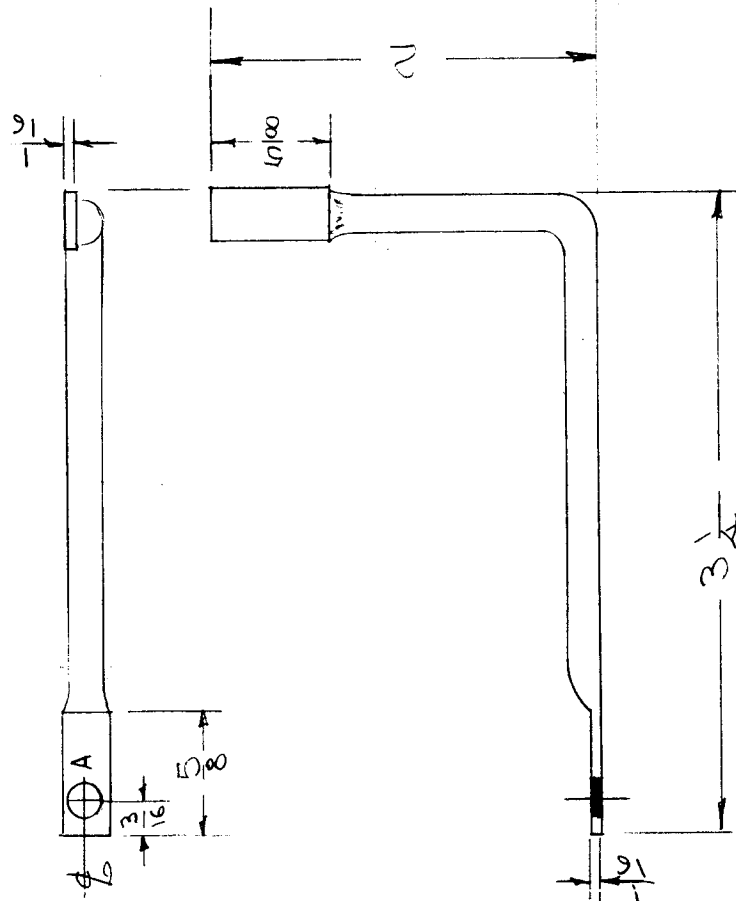
FR-131 C

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

FP-132 G

| USED ON | | PROJECT NO. | ASSY. NO. | DATE |
|---------------|--------|-------------|-----------|----------|
| REQ. PER UNIT | MODEL | | | |
| 1 | RAC | | | 10-11-54 |
| 1 | RAC-10 | | | 11-26-54 |
| 1 | RAC-18 | | | 12-1-55 |
| 1 | RAC-3 | | | 9-17-57 |



HOLE: A- 3/16 DIA. 1 REQ.

| ISSUE | ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
|-------|------|-------------------------------------|----------|---------|--------|---------|-----------|
| G | 1 | FINISH WAS S425 TYPE 2 | 6.16.64 | 11570 | JTB | gjm | MMW |
| F | 1 | FINISH WAS S-245 | 7-2-63 | 9564 | A.K. | W | W |
| E | 1 | FINISH WAS CADMIUM PLATE S105 .0003 | 1-11-53 | 8007 | SG | JTB | W |
| D | 1 | HOLE DIM. ADDED | 8-27-52 | 7141 | SG | JTB | W |
| C | 2 | Flattening details Added | 9/19/57 | 3 | JTB | JTB | W |
| B | 2 | 3/4 WAS 2 1/2 | 5-10-57 | 2 | JTB | JTB | W |
| A | 2 | 2 WAS 1 1/4 | 11/24/54 | 1 | COB | MHS | W |
| | 1 | 2 1/2 " 2 7/8 | | | | | |

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--------------------|----------|------------------------------|--------|
| 3/16 O.D. TUBING | | THE TECHNICAL MATERIEL CORP. | |
| | | MAMARONECK. NEW YORK | |
| COPPER | | CONNECTOR, GROUND | |
| SOFT DRAWN | | | |
| TYPE & TEMPER | | | |
| HEAT TREAT. SPEC. | | | |
| SILVER PLATE S245 | | | |
| CLEAR IRIDITE S423 | | | |
| FINISH & SPEC. NO. | | | |

FP-133 A

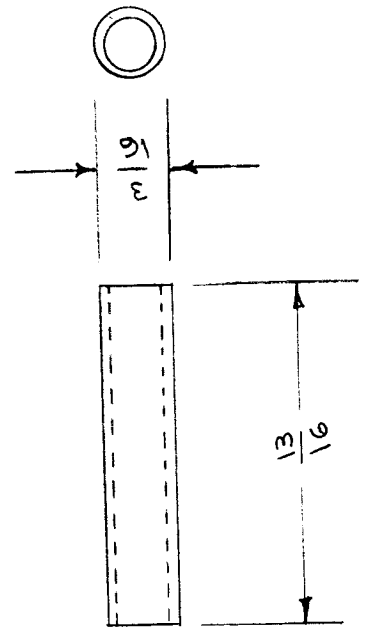
USED ON
 PROJECT NO.
 MODEL
 BAC-2

REQ. PER UNIT
 3

ASSY. NO.
 A-867
 DATE
 10-22-54

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



DATE 11/17/54
 CHANGED FROM
 M.H.S. 0000
 DRAFTS CHECKER
 SCALE
 DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--------------------|----------|--|-----------------|
| 3/16 TUBING | | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| COPPER | | JUMPER NO. 1 | |
| SOFT DRANN | | BAC-2 | |
| STOCK SIZE | | | |
| MATERIAL | | | |
| WEIGHT PER PC. | | | |
| TYPE & TEMPER | | | |
| HEAT TREAT. SPEC. | | | |
| FINISH & SPEC. NO. | | | |
| DRAWN | | ELEC. DES. APP. | MECH. DES. APP. |
| CHECKED | | FINAL APPROVAL | |

FR-135 A

USED ON
 PROJECT NO.
 MODEL
 BAC-2

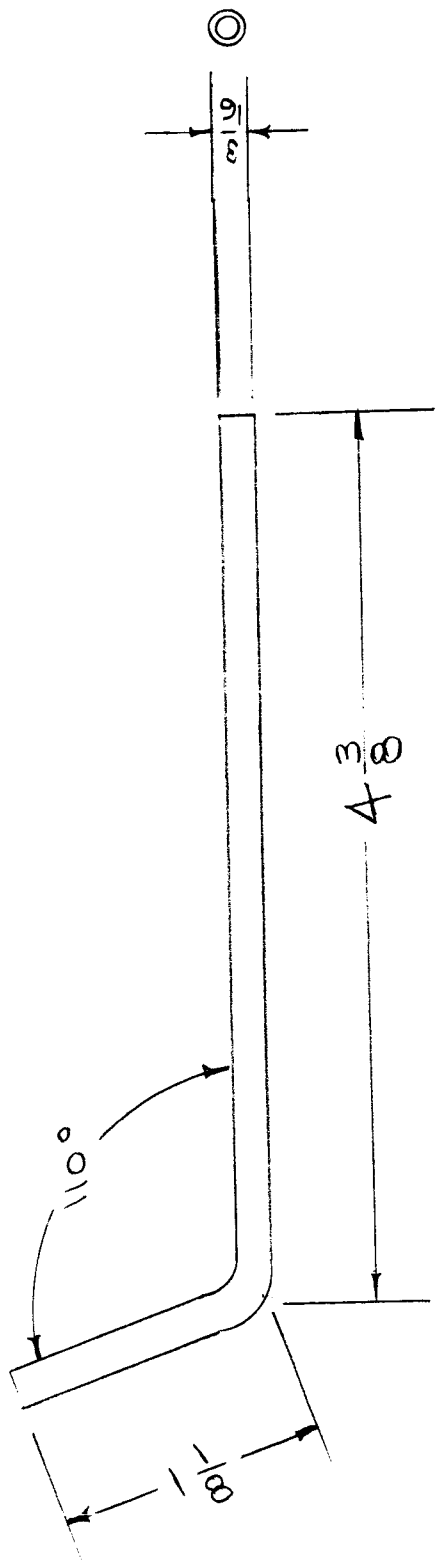
ASSY. NO.
 A-870

DATE
 10-22-54

REQ PER UNIT
 1

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



CUT LENGTH - 5 5/16"

| | | | |
|--------------------|----------------|--|--------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| 3/16 TUBING | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| COPPER | # | JUMPER NO. 3 | |
| MATERIAL | WEIGHT PER FC. | BAC-2 | |
| SOFT DRAWN | | | |
| TYPE & TEMPER | | | |
| # | | | |
| HEAT TREAT. SPEC. | | | |
| # | | | |
| FINISH & SPEC. NO. | | | |

| | | | | | | | |
|---|------|-------------------|----------|---------|--------|---------|-----------|
| ISSUE | ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS | CHECKER | ENG. APP. |
| A | 1 | WHS 4 5/8 & 1/3/8 | 11/17/54 | 1 | MHS | COO | WHS |
| TOLERANCES | | | | | | | |
| DEC. DIM. ± 1/32 | | | | | | | |
| FRAC. DIM. ± 1/32 | | | | | | | |
| ANGULAR DIM. ± | | | | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | | | | |

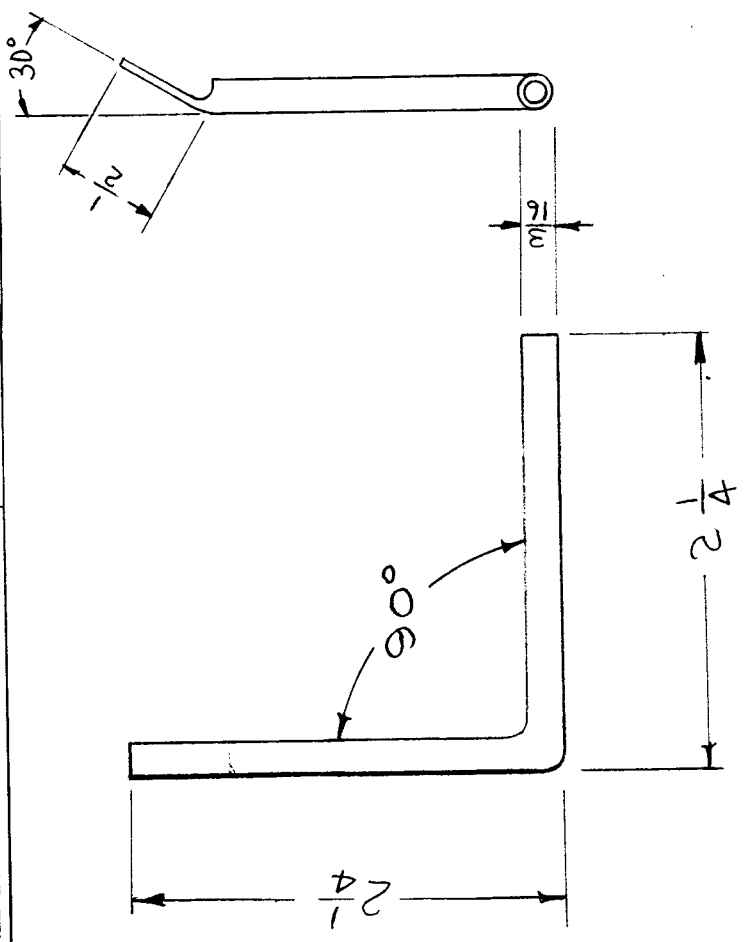
FP-137 C

USED ON

| | | | |
|--------------|-------------|-------------------------|----------|
| REG PER UNIT | PROJECT NO. | ASSY. NO. | DATE |
| 3 | BAC-2 | A-872 A-873 A-869 | 10-25-54 |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES



| | | | |
|--------------------|----------------|--|-----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| 3/16 TUBING | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| COPPER | | JUMPERS NO. 2-5-6 | |
| MATERIAL | WEIGHT PER FC. | BAC-2 | |
| SOFT DRAWN | | C.D.D. 10-25-54 | WDE |
| TYPE & TEMPER | | DRAWN | ELEC. DES. APP. |
| | | YADE | AMD |
| HEAT TREAT. SPEC. | | CHECKED | FINAL APPROVAL |
| FINISH & SPEC. NO. | | FP-137 | C |

| | | | | | |
|------------|---|----------|---------|----------------|-----------|
| ISSUE ITEM | CHANGED FROM | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
| C 2 | 2 1/4 DIM. WAS 1 1/2 (LEFT SIDE) FLATTENED ENDED ADDED TO SIDE VIEW | 10-10-54 | 7399 | JH | |
| B 1 | QUANT. WAS 2 | 1/13/54 | 2 | M.H.S. | WDE |
| A 1 | WAS 2 5/8 | 1/17/54 | 1 | M.H.S. | WDE |

SCALE

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ± 1/32
OTHERS
ANGULAR DIM. ±

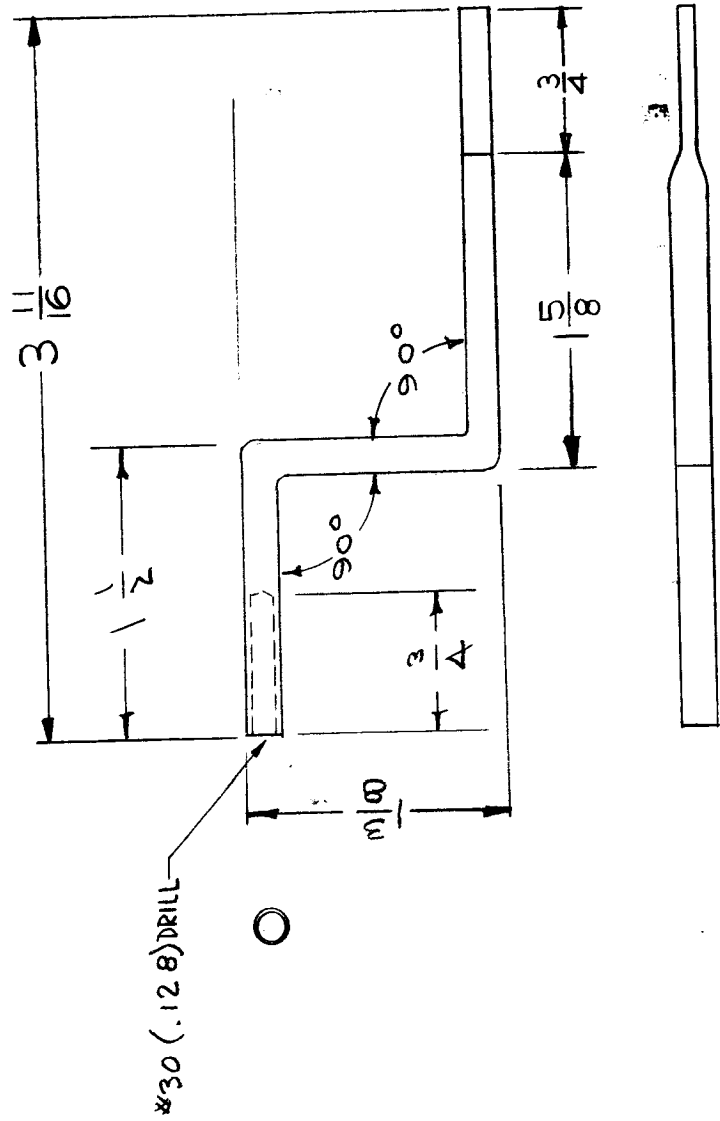
DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

FP-1A1 E

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

| USED ON | | |
|--------------|--------|-------------|
| REQ PER UNIT | MODEL | PROJECT NO. |
| 1 | RAC-10 | |
| | | ASSY. NO. |
| | | DATE |
| | | 11-29-54 |



NOTICE TO PERSONS RECEIVING THIS DRAWING

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Property of:
THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

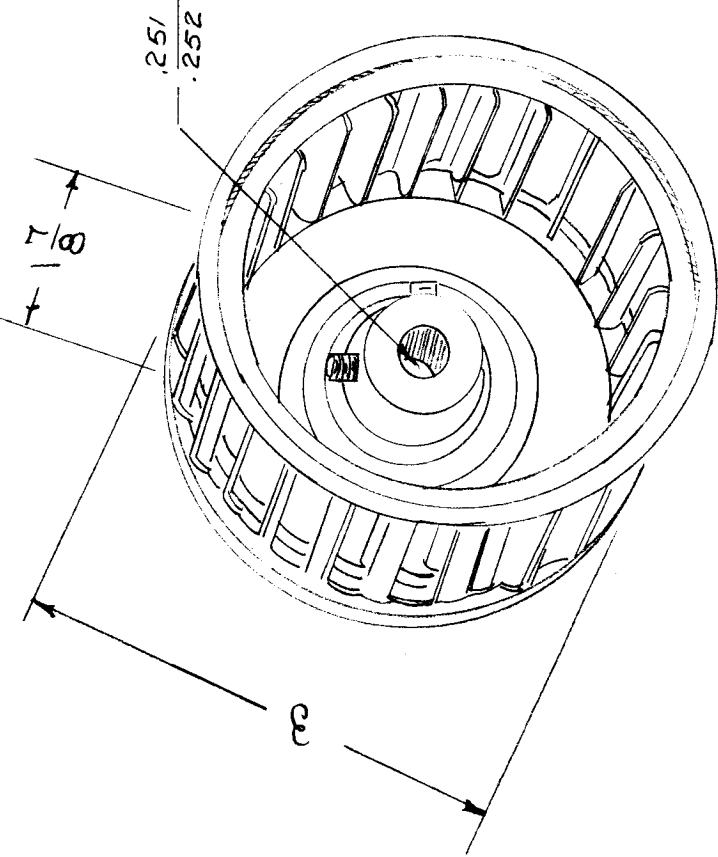
| | | | | |
|---|-------------------|----------|--|-----------|
| REG. ITEM | ITEM | PART NO. | DESCRIPTION | SYMBOL |
| E 1 | 3/16 TUBING | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| D 1 | COPPER | | CONNECTOR, COAX | |
| C 2 | SOFT DRAWN | | | |
| B 1 | TYPE & TEMPER | | | |
| A 1 | HEAT TREAT. SPEC. | | | |
| ISSUE ITEM | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
| | 2-18-63 | 278 | F.H.B. | |
| | 1-11-63 | 8007 | F.H.B. | |
| | 12-28-61 | 6111 | A. L. | |
| CHANGED FROM | | | | |
| 3/4 Pinched End Added | | | | |
| SCALE | | | | |
| TOLERANCES | | | | |
| DEC. DIM. ± | | | | |
| FRAC. DIM. ± | | | | |
| ANGULAR DIM. ± | | | | |
| DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED. | | | | |
| CHECKED | | | FINAL APPROVAL | |
| M.H.S. | | | FR-1A1 E | |
| DRAWN | | | MECH. DES. APP. | |
| M.H.S. | | | M.H.S. | |
| ELEC. DES. APP. | | | M.H.S. | |
| DRAWN | | | M.H.S. | |
| ELEC. DES. APP. | | | M.H.S. | |

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

FP-154 A

| USED ON | |
|---------------|-------------|
| REQ. PER UNIT | PROJECT NO. |
| 1 | A-1095 |
| 1 | 9/26/55 |
| | 9/26/55 |



HUB- STD. 2 STEEL ALLEN HEAD, CUP POINT SET SCREWS. 90° APART

24 BLADES

| | |
|-------------------|-----|
| COUNTER-CLOCKWISE | CCW |
| CLOCKWISE | CW |

MATERIAL

| | |
|---|----------|
| A | ALUMINUM |
| S | STEEL |

TYPE DESIGNATION TO BE IN FOLLOWING FORM: FP-154-A-CW

TMC NO. DIRECTION MATERIAL (SEE CHART)

REF: RIPLEY CO. INC. #3 BLOWER

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|----------|------------------------------|---------------------------------|
| | | THE TECHNICAL MATERIEL CORP. | |
| | | MAMARONECK, NEW YORK | |
| | | WHEEL, LR-3 BLOWER | |
| | | POW/AMP | |
| | | CDP 9/26/55 | M - 1/11/56 |
| | | DRAWN | ELEC. DES. APP. MECH. DES. APP. |
| | | Checked | A. J. J. |
| | | HEAT TREAT. SPEC. | FINAL APPROVAL |
| | | FINISH & SPEC. NO. | FP-154 A |

| ISSUE ITEM | DWG. NO. | CLARIFIED | DATE | CN. NO. | DRAFTS CHECKER | ENG. APP. |
|------------|----------|-----------|---------|---------|----------------|-----------|
| A | 1 | | 1-12-56 | 1 | B | AJN. |

TOLERANCES

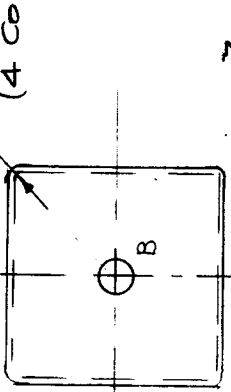
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

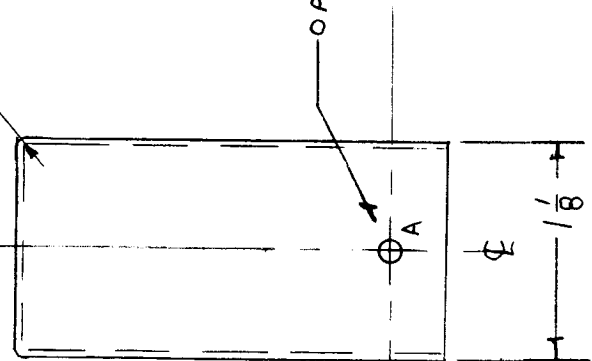
| REQ. PER UNIT | MODEL | ASSY. NO. | DATE |
|---------------|-------|-----------|----------|
| 4 | SBE-1 | A-1440 | 7-18-57 |
| 3 | SBE-2 | A-1440 | 3-12-58 |
| 1 | SBE-3 | A-1440 | 11-30-59 |

FP-159 C

7/32 R. (inside)
(4 Corners)



7/32 R. (inside)



A = # 30 DRILL (.128) D 2 REQ.
B = 3/16 D (.187) D 1 REQ

REF: ALUMINUM GOODS #03184

| REQ. ITEM | DESCRIPTION | SYMBOL |
|--------------------|--------------------------------------|---|
| 1 | .0159 THK. STOCK SIZE ALUMINUM | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK |
| 1 | ALUMINUM | CAN, MACHINING |
| MATERIAL | | SBE |
| 1 | 1 | 2B |
| TYPE & TEMPER | | DRAWN 2B |
| HEAT TREAT. SPEC. | | CHECKED RWB |
| FINISH & SPEC. NO. | | ELEC. DES. APP. MECH. DES. APP. |

FINAL APPROVAL

FP-159 C

SCALE:

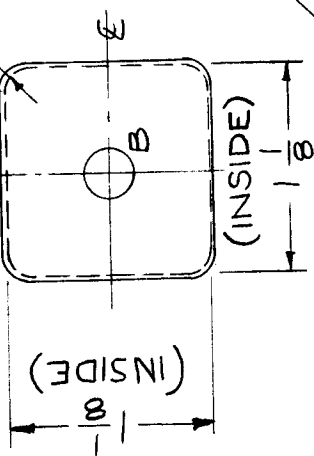
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

| REQ. PER UNIT | | USED ON | |
|---------------|--|---------|-----------|
| 1 | | MODEL | ASSY. NO. |
| 1 | | SBE-2 | A-1513 |
| | | SBE-3 | A-1513 |
| | | | DATE |
| | | | 3-12-58 |
| | | | 11-30-58 |

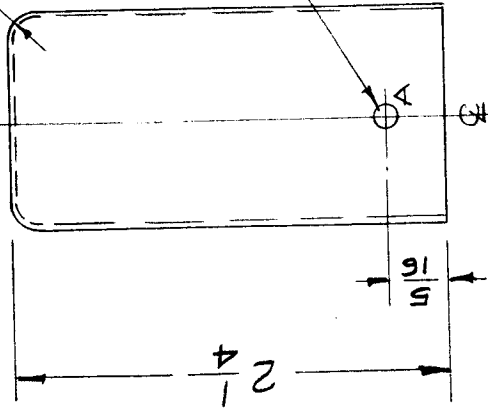
FP-161

A

$\frac{1}{8}$ R. (Inside)
4 Corners



$\frac{1}{8}$ R. (Inside)



Same on Opposite Side

A - #30 Dr. (.128 Diam) 2 Req.
B - 17/64 (.265) Diam. 1 Req.

Ref - Aluminum Goods #

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|--------------------|--|---------------------------------|
| | .0159 THK. | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| | Aluminum | CAN. MACHINING | |
| | MATERIAL | | |
| | | 16 ³ /12/58 | |
| | TYPE & TEMPER | DRAWN | CHECKED |
| | HEAT TREAT. SPEC. | | |
| | FINISH & SPEC. NO. | | ELEC. DES. APP. MECH. DES. APP. |
| | | | FINAL APPROVAL |
| | | | FP-161 |
| | | | A |

SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES

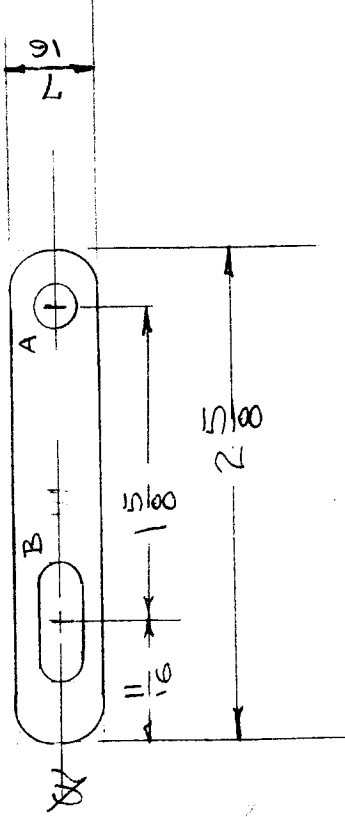
DEC. DIM. ±
FRAC. DIM. ± 1/64
ANGULAR DIM. ±

DATE 12-27-60
CH. NO. 3816
DRAFTS RU
CHECKER JAS
ENG. APP. JAS

ISSUE ITEM
A 1 The word INSIDE Added (Top View) 2 places
CHANGED FROM

| | | |
|---------------------|------------------|---------------------|
| REQ. PER. UNIT 1 | USED ON | DATE |
| | M DEL GPT-10K | ASS'Y. N. AT-100 |

FP-164

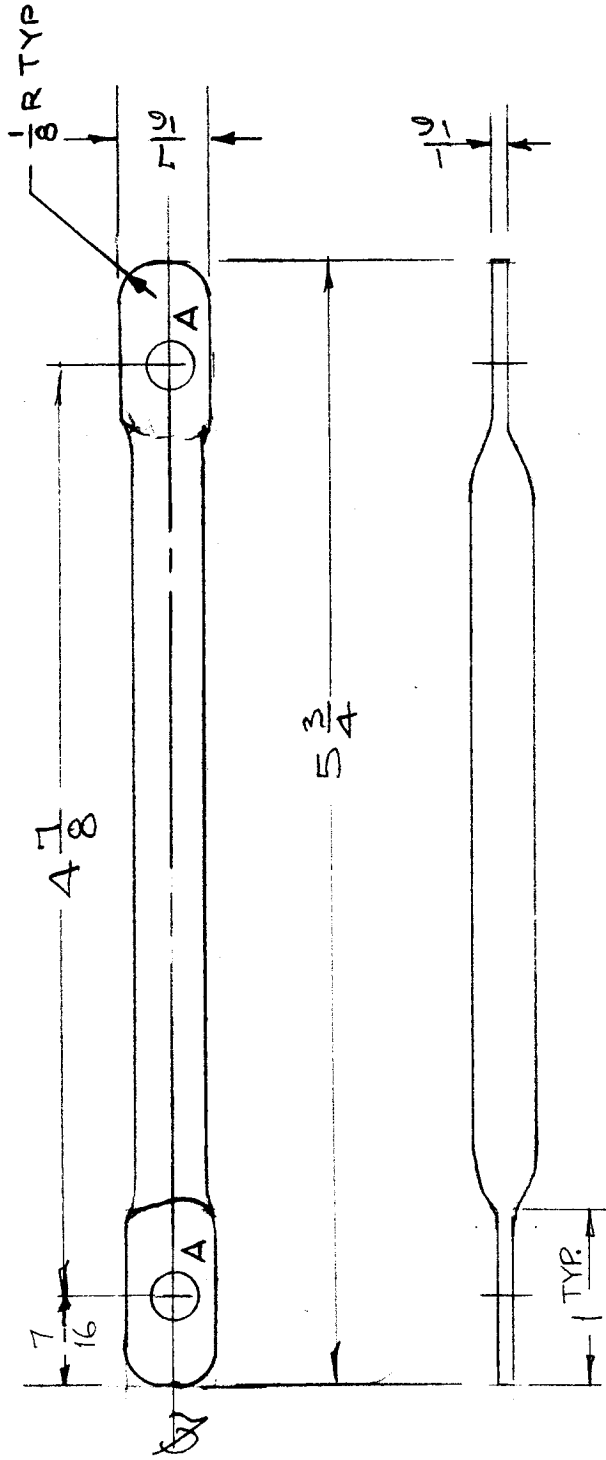


A - 1/4 DIA 1 REQ.
 B - 5/8 X 5/8 SLOT 1 REQ.

FINISH:
 SILVER PLATE .0003
 &
 CLEAR IRIDITE

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|---|--------------------|---------------------------------|--------|
| | .064 | THE TECHNICAL MATERIEL CORP. | |
| | STOCK SIZE | MAMARONECK, NEW YORK | |
| | COPPER | CONNECTOR STRAP # 1 | |
| | MATERIAL | | |
| | SOFT | | |
| | TYPE & TEMPER | DRAWN JSE | |
| | HEAT TREAT. SPEC. | CHECKED ZB | |
| | SEE NOTE | | |
| | FINISH & SPEC. NO. | ELEC. DES. APP. MECH. DES. APP. | |
| <p>ISSUE ITEM CHANGED FROM DATE CH. NO. DRAFTS CHECKER ENG. APP.</p> <p>TOLERANCES</p> <p>DEC. DIM. ±</p> <p>FRAC. DIM. ±</p> <p>ANGULAR DIM. ±</p> <p>SCALE:</p> <p>MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES</p> | | | |
| | | FINAL APPROVAL JAB | FP-164 |

| | | | |
|----------------|--|----------|----------|
| REQ. PER. UNIT | | USED ON | |
| 1 | | MODEL | ASSY. N. |
| | | GPT-10K | AT-100 |
| | | | DATE |
| | | | 3/23/59 |
| | | FP-165 D | |



A - 1 1/4 DIA 2 HOLES

* PLATING & FINISHING TO BE COMPLETED BEFORE PIECE IS FABRICATED. CORNERS & EDGES TO BE SMOOTH.

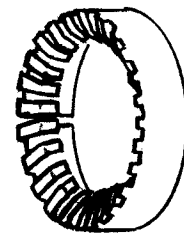
| REQ. ITEM | ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------------------------|------|-----------|--|--------|
| D | | | | |
| C | 1 | 5/16 O.D. | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| B | 1 | 4269 | CONNECTOR STRAP # 2 | |
| A | 1 | 3137 | | |
| ISSUE ITEM | | | | |
| CHANGED FROM | | | | |
| MATERIAL | | | | |
| SOFT | | | | |
| TYPE & TEMPER | | | | |
| SILVER PLATE .0003 PER S245 | | | | |
| CLEAR IRIDIUM PER S423 * | | | | |
| FINISH & SPEC. NO. | | | | |
| SCALE: | | | | |
| TOLERANCES | | | | |
| DEC. DIM. ± | | | | |
| FRAC. DIM. ± | | | | |
| ANGULAR DIM. ± | | | | |
| DATE | | 3/2/66 | | |
| CH. NO. | | 15711 | | |
| DRAFTS | | JL | | |
| CHECKER | | | | |
| ENG. APP. | | | | |
| HEAT TREAT. SPEC. | | | | |
| DRAWN | | | | |
| CHECKED | | | | |
| FINAL APPROVAL | | | | |
| ELEC. DES. APP. | | | | |
| MECH. DES. APP. | | | | |

FORM 108-A

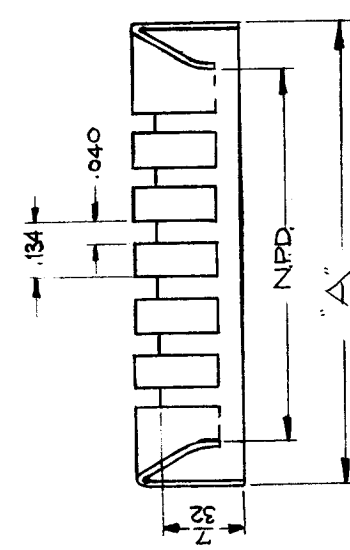
| | | | | | | | | | | |
|-----------------|--------------|------------------|---------------|----------|---------------|-------|-------------------|------|--------|---|
| TMC PART NUMBER | OUTSIDE DIA. | NOMINAL PIN DIA. | MFG P/N | USED ON | REQ. PER UNIT | MODEL | USED ON ASSY. NO. | DATE | FP-174 | A |
| FP-174-1 | 1.219 | 1.015 | 97-70 | ATS-2 | | | | | | |
| FP-174-2 | 1.620 | 1.360 | 97-135 MODIF. | SWR 3000 | | | | | | |

FP-174-1-H
 TMC Part Number Finish

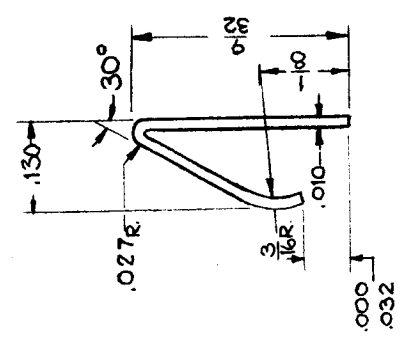
FINISH CHART
 H ~ As heat treated. Purchaser to apply finish.
 A ~ Bright finish for welding & soldering
 S ~ Silver plated .0002" ± .0001" thick.



Pictorial



DOUBLE SIZE



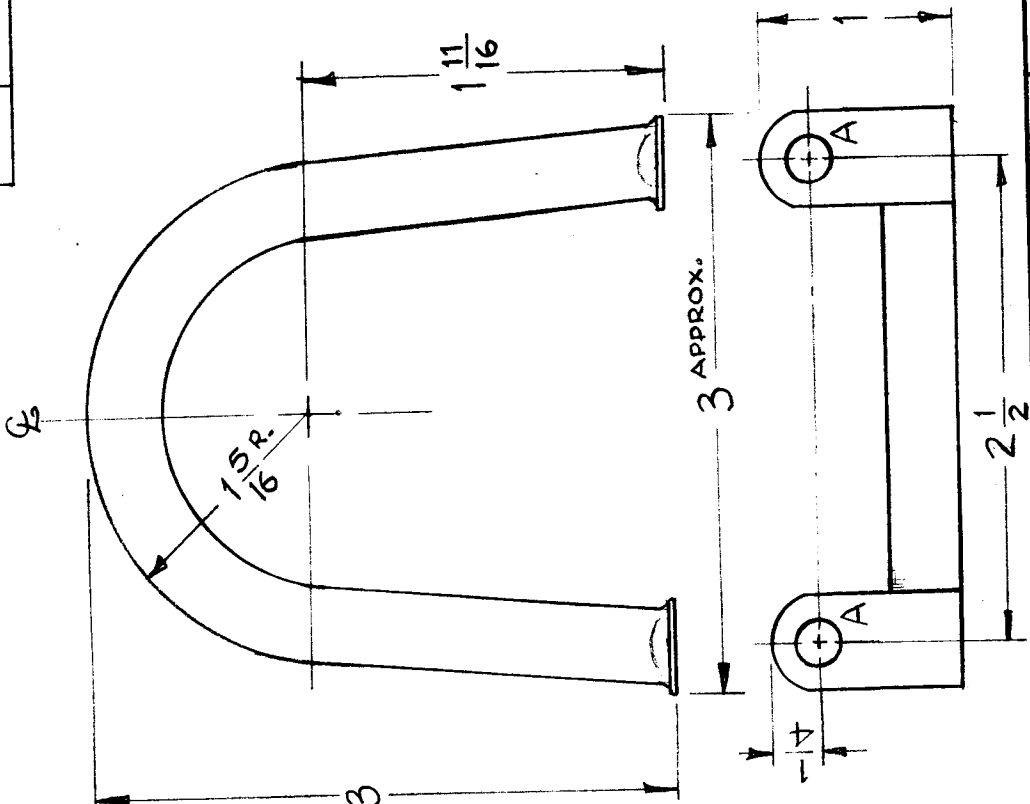
FOUR TIMES
 REGULAR SIZE

| | | | |
|--|--------------------|------------------------------|---------|
| REG. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | 010 THK | THE TECHNICAL MATERIEL CORP. | |
| | STOCK SIZE | MAMARONECK, NEW YORK | |
| | BERYLLIUM COPPER | CONTACT RING | |
| ALLOY #25 | MATERIAL | | |
| TYPE & TEMPER | HEAT TREAT. SPEC. | | |
| SEE CHART | | | |
| FINISH & SPEC. NO. | | | |
| DATE | CH. NO. | DRAFTS | CHECKER |
| 12-2-57 | 1604 | P Jue | JA |
| ISSUE ITEM | CHANGED FROM | | |
| A 1 | MATL. + THK. ADDED | | |
| TOLERANCES | | | |
| SCALE: 5401-26 | | | |
| MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | |
| DEC. DIM. ± | | | |
| FRAG. DIM. ± | | | |
| ANGULAR DIM. ± | | | |
| DRAWN | CHECKED | FINAL APPROVAL | |
| DMARCUSO | JUE | JA | |
| | | | FP-174 |
| | | | A |

| | | | |
|---------------|--------------|-----------|----------|
| REQ. PER UNIT | | USED ON | |
| 1 | M DEL | ASSY. NO. | DATE |
| 1 | GPT-40K() 3 | CL-223 | 3-21-60 |
| 1 | GPT-40K() 4 | CL-223 | 12-23-63 |

FP-175 B

HOLES REQ'D
A ~ 15/64 (.234) Dia 2



FINISH
S 245 SILVER PLATE .0003 THK
S 423 SILVER KOTE IRIDITE

| | | | |
|--------------------|------------------|------------------------------|----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | 3/8 O.D. | THE TECHNICAL MATERIEL CORP. | |
| | STOCK SIZE | MAMARONECK, NEW YORK | |
| | COPPER | CL-223, MACHINING | |
| | MATERIAL | | |
| TYPE & TEMPER | HEATTREAT. SPEC. | DRAWN | CHECKED |
| SEE NOTE | | <i>JLD</i> | <i>ES</i> |
| FINISH & SPEC. NO. | | | FINAL APPR VAL |
| | | | FP-175 B |

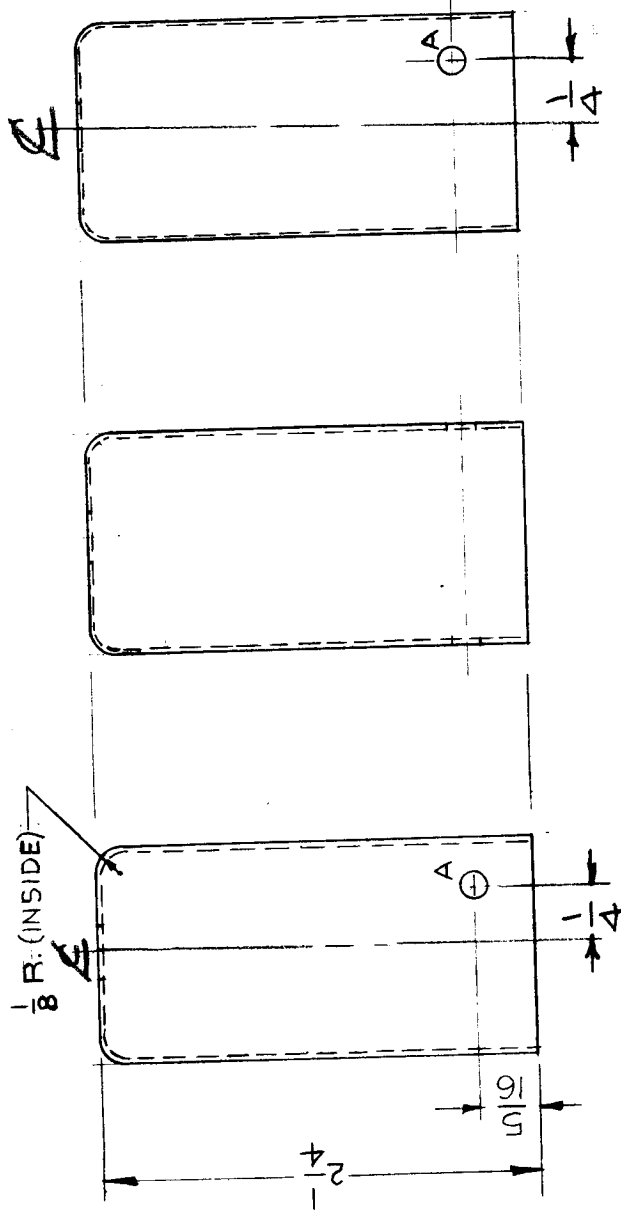
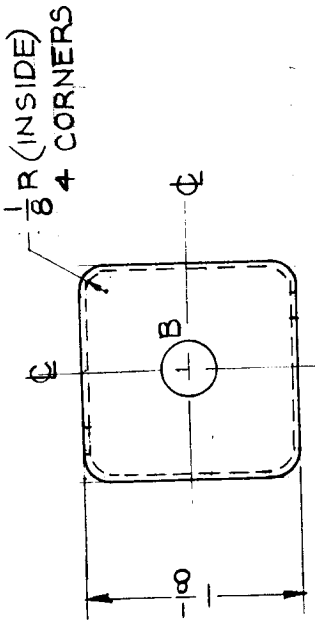
12/23/63 10642
8-22-62 7101
DATE CH. NO. DRAFTS CHECKER ENG. APP.

SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

TOLERANCES
DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

| | | | |
|---------------|-------|-----------|--------|
| REQ. PER UNIT | MODEL | USED ON | SYMBOL |
| 1 | CMO | ASSY. NO. | FP-177 |
| | | DATE | B |
| | | 4-11-60 | |

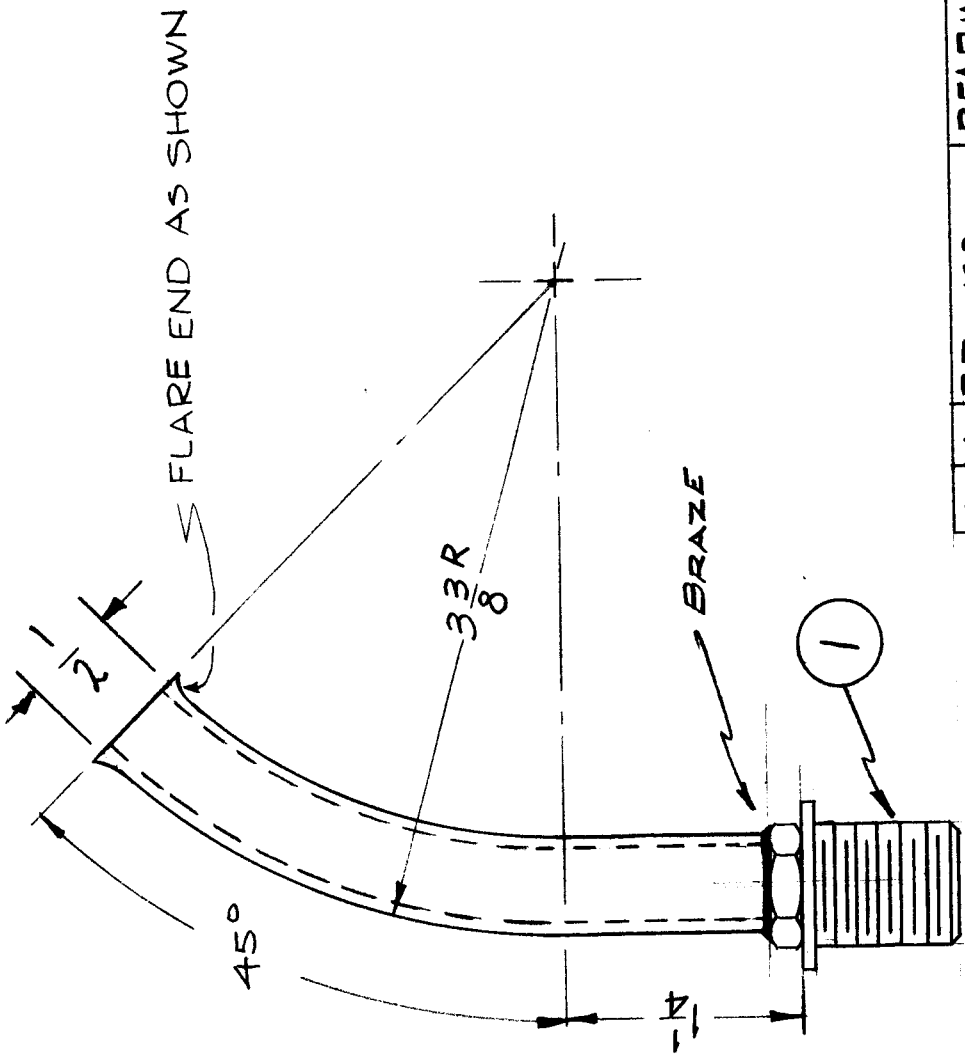
A ~ 30 DR. (128 DIA.) 2 REQ.
 B ~ 17/64 (265 DIA.) 1 REQ.



REF. FP-161
 REF. ALUMINUM GOODS *

| | | | |
|--|-----------|------------------------------|----------------|
| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
| | .0159 THK | THE TECHNICAL MATERIEL CORP. | |
| | ALUMINUM | MAMARONECK, NEW YORK | |
| | | CAN, MACHINING | |
| ISSUE ITEM | DATE | CHECKED | FINAL APPR VAL |
| B 1 | 3-23-61 | <i>JCS</i> | FP-177 |
| A 1 | 12-9-60 | <i>Alm</i> | B |
| DIM 5/16 DIM. WAS 1/4 DIM 1/4 WAS 5/16 (Left Side of CAN) | | | |
| TOLERANCES MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | |
| CHANGED FROM DATE CH. NO. DRAFTS CHECKER ENG. APP. | | | |
| SCALE: | | | |
| FINISH & SPEC. NO. | | | |
| ELEC. DES. APP MECH. DES. APP | | | |

| | | | |
|---------------|---------|---------|---------|
| REQ. PER UNIT | M DEL | USED ON | DATE |
| 1 | GPT-40K | AX-209 | 4-26-60 |
| FP-178 | | | B |



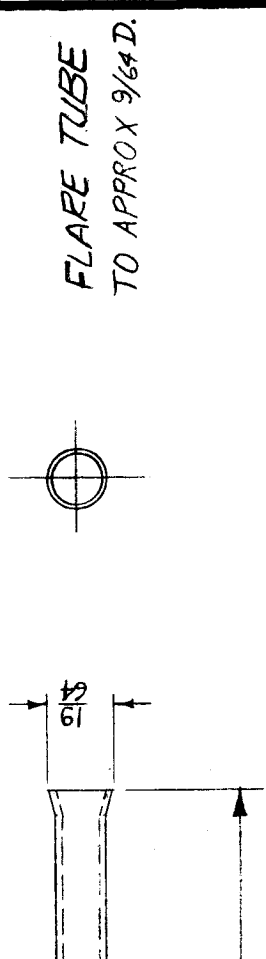
| | | | | | | | |
|--------------------|----------|---------------------------------|--|----------------------|--|-----------------|--|
| 1 | | BB-122 | | BEARING, PANEL | | SYMBOL | |
| REQ. ITEM | PART NO. | THE TECHNICAL MATERIEL CORP. | | MAMARONECK, NEW YORK | | VENT, PA. DECK | |
| 1/2 O.D. | | STOCK SIZE | | COPPER TUBING | | DRAWN | |
| MATERIAL | | Refrigerator type | | CHECKED | | FINAL APPR VAL | |
| TYPE & TEMPER | | HEAT TREAT. SPEC. | | DD | | FP-178 | |
| FINISH & SPEC. NO. | | ELEC. DES. APP. MECH. DES. APP. | | MECH. DES. APP. | | MECH. DES. APP. | |

| | | |
|------------|------------------|------------|
| ISSUE ITEM | CHANGED FROM | TOLERANCES |
| B 1 | FLARE ADDED | ± |
| A 1 | ADDED (1) BB-122 | ± |

| | | | | |
|---------|---------|--------|---------|-----------|
| DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
| 8-18-60 | 2799 | RU | JTB | JTB |
| 7-19-60 | 2600 | SP | JTB | JTB |

SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

| | | | | |
|--------------|---------|-----------|---------|---|
| NO. PER UNIT | 1 | USED ON | FP-179 | C |
| MODEL | RAC-30A | ASSY. NO. | | |
| | | DATE | 5-16-60 | |



| REG. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-------------------------|----------|--|--------|
| 1/4 O.D. TUBING | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| STOCK SIZE | | CONNECTOR, TUBING "3" | |
| COPPER | | | |
| MATERIAL | | | |
| COMM. SOFT | | | |
| TYPE & TEMPER | | | |
| S245 SILVER PLATE .0003 | | | |
| S243 SILVER IRIDITE | | | |
| FINISH & SPEC. NO. | | | |

| ISSUE ITEM | CHANGED FROM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
|------------|-------------------------------------|----------|---------|--------|---------|-----------|
| C 2 | FINISH WAS S425 (TYPE 2) | 9-2-64 | 12267 | ATB | ATB | ANN |
| B 1 | FLARING NOTE REVISED & CLARIFIED | 12/18/65 | 10559 | ATB | ATB | BYD |
| A 1 | FINISH UPDATED | 11/18/65 | 10390 | ATB | ATB | WBR |

| DEC. DIM. ± | FRAC. DIM. ± | ANGULAR DIM. ± |
|-------------|--------------|----------------|
| | | |

| SCALE: | TOLERANCES | MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES |
|--------|------------|--|
| | | |

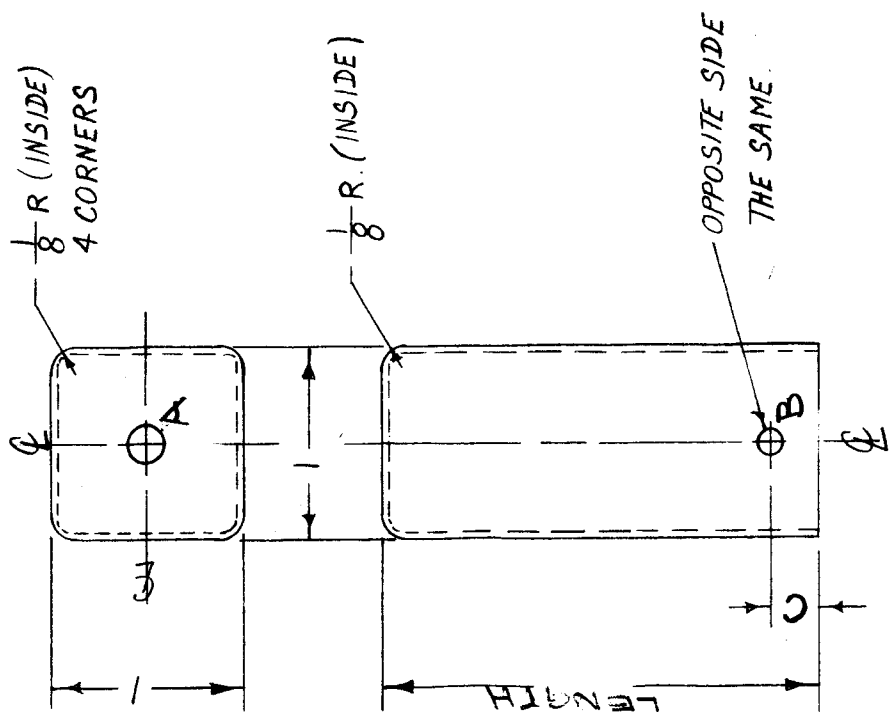
| DRAWN | CHECKED | FINAL APPROVAL |
|-------|---------|----------------|
| Wef | WBR | ANN |

| ELEC. DES. APP. | MECH. DES. APP. |
|-----------------|-----------------|
| | |

| | | | | |
|---------------|---------|--------|------------|----------|
| REQ. PER UNIT | USED ON | MODEL | APPLY. NO. | DATE |
| | | CHG-1 | A-1930 | 8-25-60 |
| | | GPE-92 | | 7-5-60 |
| | | AFC-2 | | 11-15-61 |

FP-182 C

A (SEE CHART) 1 REQ.
 B (SEE CHART) 2 REQ.

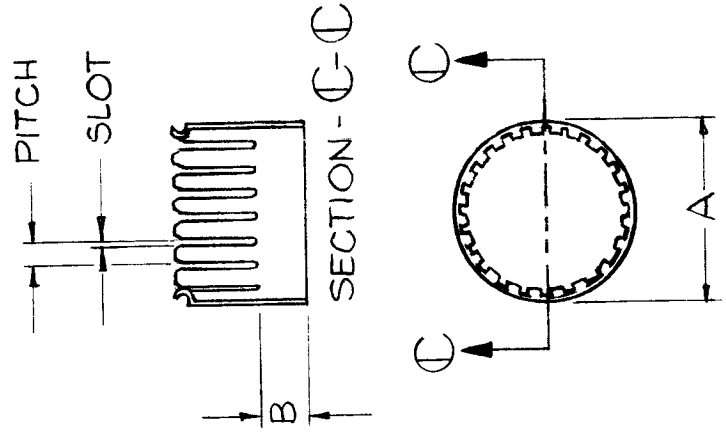


| TMC PART NO. | LENGTH | HOLE DIA | HOLE DIA | C |
|--------------|--------|----------|----------|------|
| FP-182-1 | 2 1/8 | 3/16 | .128 | 5/16 |
| FP-182-2 | 1 3/16 | 1/4 | .128 | 5/16 |
| FP-182-3 | 2 1/8 | 1/4 | .128 | 5/16 |
| FP-182-4 | 1 3/16 | 3/16 | .128 | 5/16 |
| FP-182-5 | 2 1/8 | NONE | NONE | NONE |
| FP-182-6 | 1 3/16 | NONE | NONE | NONE |
| FP-182-7 | 2 1/8 | 3/16 | .128 | 1/4 |
| FP-182-8 | 1 3/16 | 3/16 | .128 | 1/4 |

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|---------------------------------|--|------------------------------|-----------|
| C 1 | FP-182-8 Added | THE TECHNICAL MATERIEL CORP. | C |
| B 2 | FP-182-7 & (Column Added) | MAMARONECK, NEW YORK | |
| A 1 | 5/16 DIM. WAS 1/4 | CAN, MACHINING | |
| ISSUE ITEM | CHANGED FROM | | |
| TOLERANCES | | | |
| DEC. DIM. ± 1/64 | | | |
| FRAC. DIM. ± 1/64 | | | |
| ANGULAR DIM. ± | | | |
| SCALE: | MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | |
| DATE | CH. NO. | DRAFTS | CHECKER |
| 11-15-61 | 5878 | L.B. | RUB |
| 6-29-61 | 5179 | G.D.L. | RUB |
| 3-23-61 | 4509 | D.M. | JCB |
| DATE | CH. NO. | DRAFTS | CHECKER |
| | | | ENG. APP. |
| MATERIAL | | | |
| ALUMINUM | | | |
| STOCK SIZE | | | |
| .0159 | | | |
| PART NO. | | | |
| .0159 | | | |
| DESCRIPTION | | | |
| THE TECHNICAL MATERIEL CORP. | | | |
| MAMARONECK, NEW YORK | | | |
| CAN, MACHINING | | | |
| SYMBOL | | | |
| C | | | |
| FINISH & SPEC. NO. | | | |
| ELEC. DES. APP. MECH. DES. APP. | | | |
| DRAWN | | | |
| CHECKED | | | |
| FINAL APPROVAL | | | |
| FP-182 | | | |

| | | |
|---------------|-----------------|---------|
| REQ. PER UNIT | USED ON | DATE |
| | M DEL ASSY. NO. | 9-15-60 |
| | CHG-1 | |

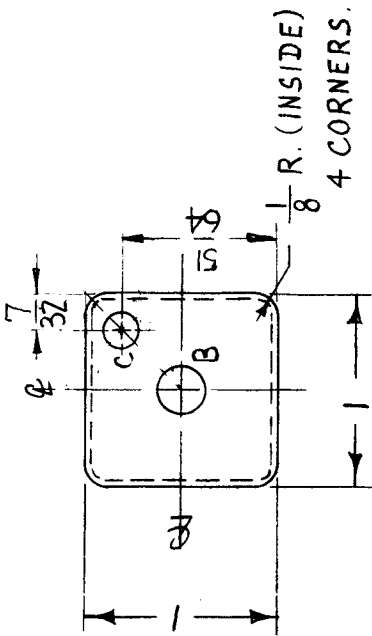
| | | | | | | |
|-------------|------------------|-------|------|----------|-----|------------------|
| TMC PART NO | MFG PT. NO. | PITCH | SLOT | A | B | MATERIAL |
| FP-183-1 | 97-2325 MODIFIED | .060 | .020 | 15/32 D. | 1/8 | Beryllium Copper |



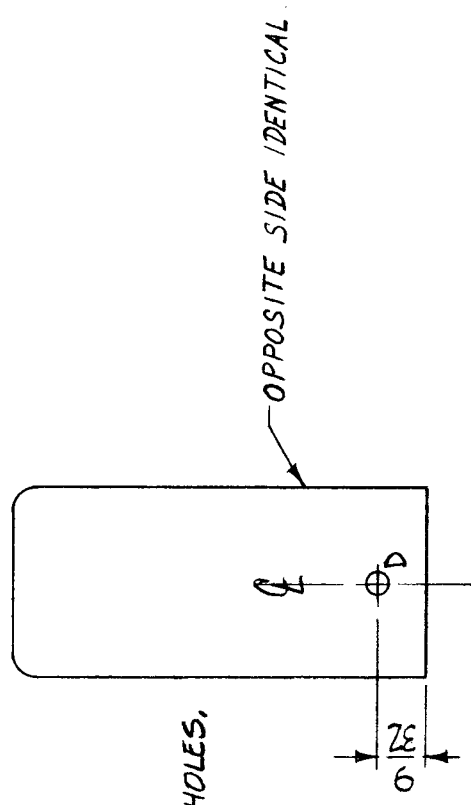
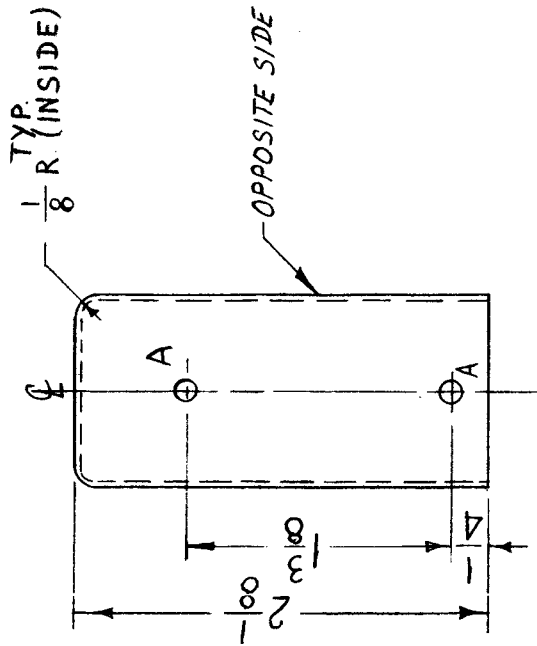
| | | |
|--|---------------------------------|----------------|
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | DESCRIPTION | SYMBOL |
| FINGER STOCK, ROUND TYPE | | |
| J.C. Biele | CHECKED | FINAL APPROVAL |
| HEAT TREAT. SPEC. | DRAWN | |
| SILVER PLATED .0002 ± .0001 | | |
| FINISH & SPEC. NO. | ELEC. DES. APP. MECH. DES. APP. | |
| SCALE: 5401-26(97-232 | CHECKER | ENG. APP. |
| MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | |
| TOLERANCES | | |
| DEC. DIM. ± | | |
| FRAC. DIM. ± | | |
| ANGULAR DIM. ± | | |

FP-183

| | | | | |
|----------------|-------|-----------|--------|----------|
| REQ. PER. UNIT | 1 | USED ON | FP-184 | A |
| MODEL | CHG-1 | ASSY. NO. | A-1997 | DATE |
| | | | | 10-17-60 |



- A ~ 5/32 DIA. 2 REQ.
- B ~ 17/64 DIA. 1 "
- C ~ 7/32 DIA. 1 "
- D ~ .144 DIA. 2 "



REF: FP-182-5

| REQ. ITEM | DESCRIPTION | SYMBOL |
|--------------------|---------------------------------|----------------|
| .0159 | THE TECHNICAL MATERIEL CORP. | |
| ALUMINUM | MAMARONECK, NEW YORK | |
| | CAN, | |
| | (BAL. MODULATOR) | |
| | DRAWN | CHECKED |
| | HEAT TREAT. SPEC. | FINAL APPROVAL |
| S404 YELL. IRIDITE | | FP-184 |
| FINISH & SPEC. NO. | ELEC. DES. APP. MECH. DES. APP. | A |

SCALE:

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

DEC. DIM. ±

FRAC. DIM. ± 1/64

ANGULAR DIM. ±

DATE 11/21/60

CH. NO. 3512

DRAFTS

CHECKER

ENG. APP.

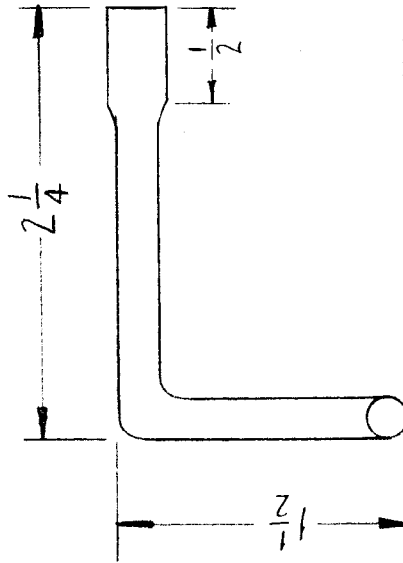
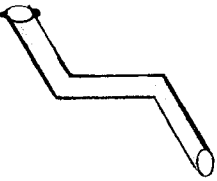
ISSUE ITEM

CHANGED FROM

TOLERANCES

A 1 COMPLETELY Redesign

| | | |
|----------------|----------------|---------|
| REQ. PER. UNIT | USED ON | |
| | MODEL | DATE |
| 1 | BAC-3520 A-108 | 11-7-60 |
| FP-185 | | |

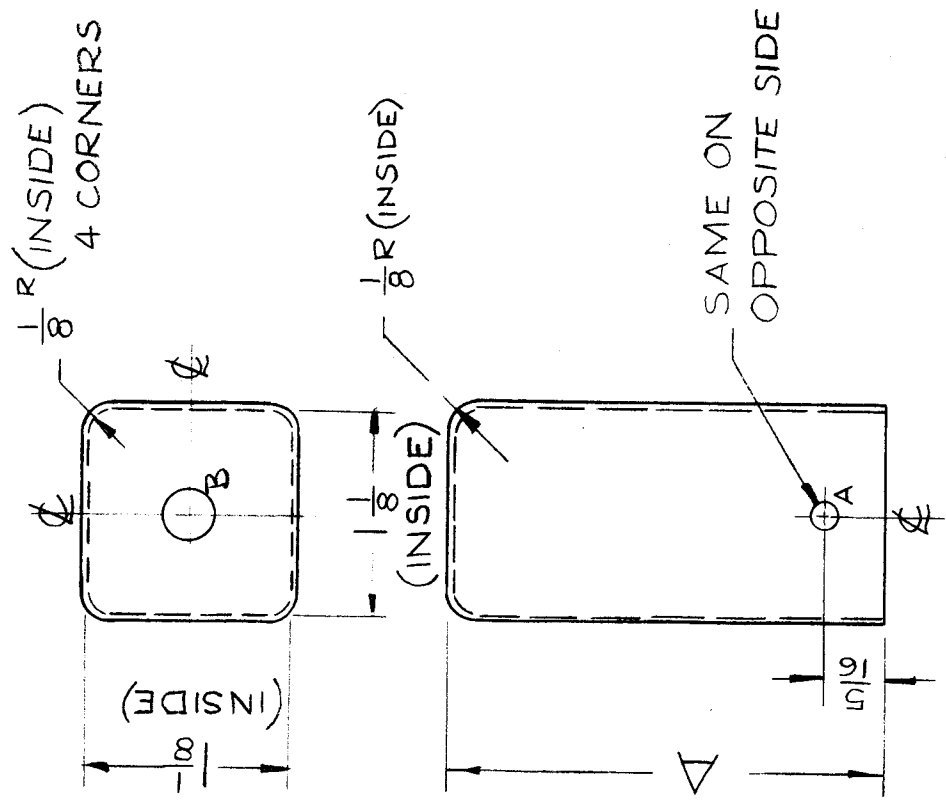


4 3/4

| REQ. ITEM | CHANGED FROM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. | REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--|--------------|------|---------|--------|---------|-----------|---------------|------------|---------------------------------|--------|
| | | | | | | | 3/16 O.D. | | THE TECHNICAL MATERIEL CORP. | |
| | | | | | | | Copper Tubing | STOCK SIZE | MAMARONECK, NEW YORK | |
| | | | | | | | | MATERIAL | CONNECTOR, STRAP | |
| ISSUE ITEM | | | | | | | | | RUZZO | |
| TOLERANCES | | | | | | | | | CHECKED | |
| SCALE: Do Not Scale | | | | | | | | | DRAWN | |
| MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | | | | | | | | |
| DEC. DIM. ± | | | | | | | | | | |
| FRAC. DIM. ± 1/64 | | | | | | | | | | |
| ANGULAR DIM. ± | | | | | | | | | | |
| | | | | | | | | | FINAL APPROVAL | |
| | | | | | | | | | | FP-185 |
| | | | | | | | | | ELEC. DES. APP. MECH. DES. APP. | |

| | | | | | |
|-------------|----------|----------------|-------|------------|----------|
| TMC PART NO | HEIGHT A | REQ. PER. UNIT | MODEL | USED ON | FP-186 B |
| FP-186-1 | 2 1/16 | 1 | T15-3 | ASS'Y. NO. | |
| FP-186-2 | 2 1/8 | | | DATE | 11-21-60 |

A ~ .128 DIA. 2 REQ.
 B ~ 17/64 DIA. 1 REQ.



REF - ALUMINUM GOODS #

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|--------------------|------------------------------|--------|
| | .0159 THK | THE TECHNICAL MATERIEL CORP. | |
| | STOCK SIZE | MAMARONECK, NEW YORK | |
| | ALUMINUM | CAN, MACHINING | |
| | MATERIAL | | |
| | TYPE & TEMPER | DRAWN | |
| | HEATTREAT. SPEC. | CHECKED | |
| | FINISH & SPEC. NO. | ELEC. DES. APP | |
| | | MECH. DES. APP | |

| | | | |
|---------------|---------|------|----------|
| REQ. PER UNIT | USED ON | | FP-187 A |
| 1 | MODEL | DATE | |
| | 6PT-40E | | |
| | AP-103 | | |

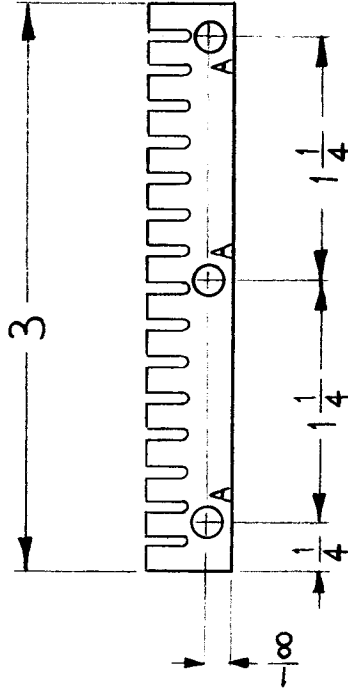
NOTE - PART # FP-187 is assigned to the air duct received with Blower, BL-110. This # to be used for stacking & Spare Parts Purposes Only.

See BL-110 for details of this item.

| ISSUE ITEM | CHANGED FROM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. | REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL | |
|---|-------------------|---------|---------|--------|---------|-----------|---|----------|---|--------|--|
| A 1 | REVISED & REDRAWN | 4-17-61 | 4673 | MA | JKS | DR | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK DUCT, AIR | | |
| TOLERANCES | | | | | | | TYPE & TEMPER HEAT TREAT. SPEC. DRAWN CHECKED FINISH & SPEC. N. ELEC. DES. APP MECH. DES. APP | | | | |
| DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ± | | | | | | | SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | | |
| | | | | | | | FINAL APPR VAL FP-187 A | | | | |

| | | | |
|---------------|---------|-----------|---------|
| REQ. PER UNIT | USED ON | | |
| 1 | MODEL | ASS'Y. N. | DATE |
| | CHG-2 | OVEN | 5-19-61 |
| FP-188 | | | |

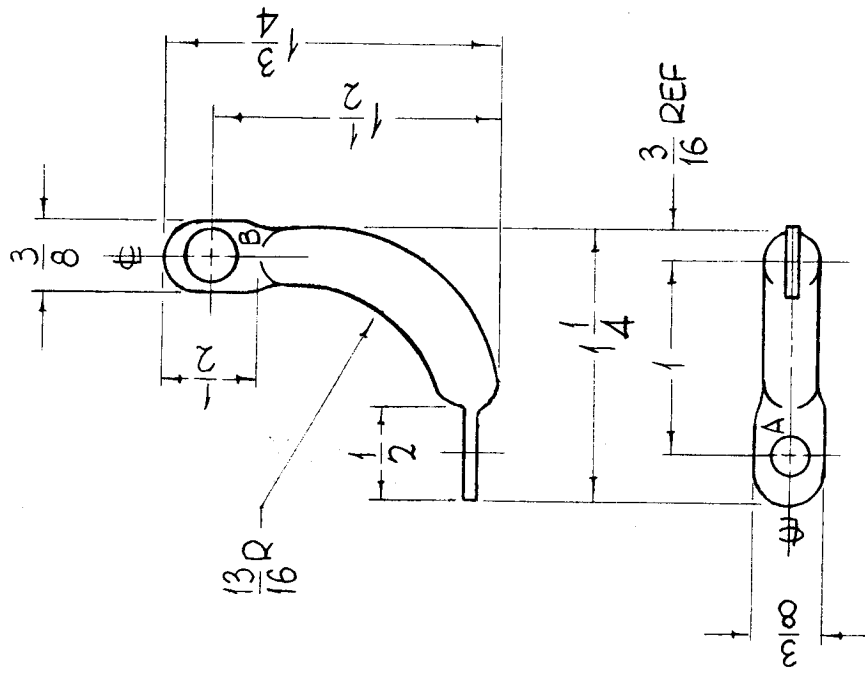
A ~ $\frac{5}{32}$ DIA. 3REQ.



REF: FP-160-H-3.00-P

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|--|--------------------|--|--------|
| | | THE TECHNICAL MATERIEL CORP. | |
| | | MAMARONECK, NEW YORK | |
| | | CONTACT STRIP, FINGER | |
| ISSUE ITEM | CHANGED FROM | <i>M.F. [Signature]</i> CHECKED DRAWN <i>S.D. [Signature]</i> ELEC. DES. APP. MECH. DES. APP. | |
| | TOLERANCES | | |
| DEC. DIM. \pm | | | |
| FRAC. DIM. \pm 1/64 | | | |
| ANGULAR DIM. \pm | | | |
| SCALE: FULL (DO NOT SCALE) MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES | | | FP-188 |
| | FINISH & SPEC. NO. | | |

| | | | |
|---------------|-----------|----------|---------|
| REQ. PER UNIT | USED ON | MODEL | DATE |
| 2 | ASSY. NO. | GPT-200K | 2-28-64 |
| | | | |
| | | | FP-1970 |



| | |
|----------------|-----|
| HOLES | REQ |
| A - 13/64 DIA. | 1 |
| B - 9/32 DIA. | 1 |

| | | | | | | |
|----------------|---|--------------|--|---------|---------|-----------|
| REQ. ITEM | PART NO. | F. BUDETTI | DESCRIPTION | SYMBOL | | |
| 5/16 DIA. O.D. | | | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | | | |
| | STOCK SIZE | | | | | |
| | COPPER, REFRIGERATION TUBING | | STRAP, ELECTRICAL | | | |
| | MATERIAL | | | | | |
| | SOFT | | | | | |
| | TYPE & TEMPER | John C Biele | DRAWN | | | |
| | HEAT TREAT. SPEC. | | CHECKED | | | |
| | 5.245 SILVER PLATE, BRIGHT | | MECH. DES. APP. | | | |
| | FINISH & SPEC. NO. | | MECH. DES. APP. | FP-1970 | | |
| SYM | DESCRIPTION | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
| 0 | ORIGINAL RELEASE | 5.16.64 | | ASB | | |
| | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | SCALE | | | | |
| | DECIMALS | | | | | |
| | .X ± .05 | | | | | |
| | .XX ± .01 | | | | | |
| | .XXX ± .005 | | | | | |
| | TOLERANCES | FRACTIONS | | | | |
| | | ± 1/64 | | | | |
| | | ANGLES | | | | |
| | | ± 0° 30' | | | | |

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE FOR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ. PER UNIT

MODEL

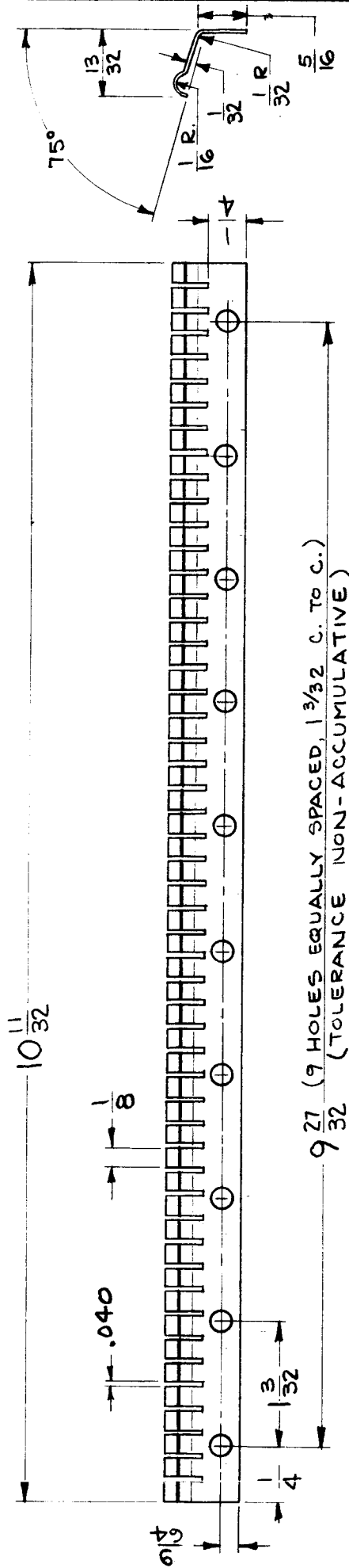
USED ON

DATE

1 VLR-1 6-12-63

FP 198 0

HOLES
.140 DIA - 10 REQ.



REF: FP-160-H-10 1/32 - P

REMOVE ALL BURRS & SHARP EDGES

| REQ. ITEM | PART NO. | M.GELLMAN DESCRIPTION | SYMBOL |
|-----------------------------|------------------|--|-----------------|
| .010 THK | | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| NON-FERROUS SPRING ALLOY | | CONTACT, ELECTRICAL | |
| MATERIAL | | | |
| TYPE & TEMPER | HEAT TREAT. SPEC | DRAWN | CHECKED |
| SEE REF. | | <i>G. Jensen</i> | <i>AC</i> |
| FINISH & SPEC. NO. | | MECH. DES. APP. | MECH. DES. APP. |
| | | <i>JMA</i> | <i>AC</i> |
| | | | FINAL APPROVAL |
| | | | FP 198 0 |

ORIGINAL RELEASE FOR PRODUCTION 5-11-64 0 A.M. @

10-140 HOLES WERE .136 DIA 5/1/64. WAS 1/64.

1 JL

DATE 5/1/64

CH. NO.

DRAFTS

CHECKER

ENG. APP.

SCALE DO NOT SCALE

CODE A

TOLERANCES

FRACTIONS ± 1/64

ANGLES ± 0° 30'

DECIMALS

X ± .05

XX ± .01

XXX ± .005

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REQ. PER UNIT
2

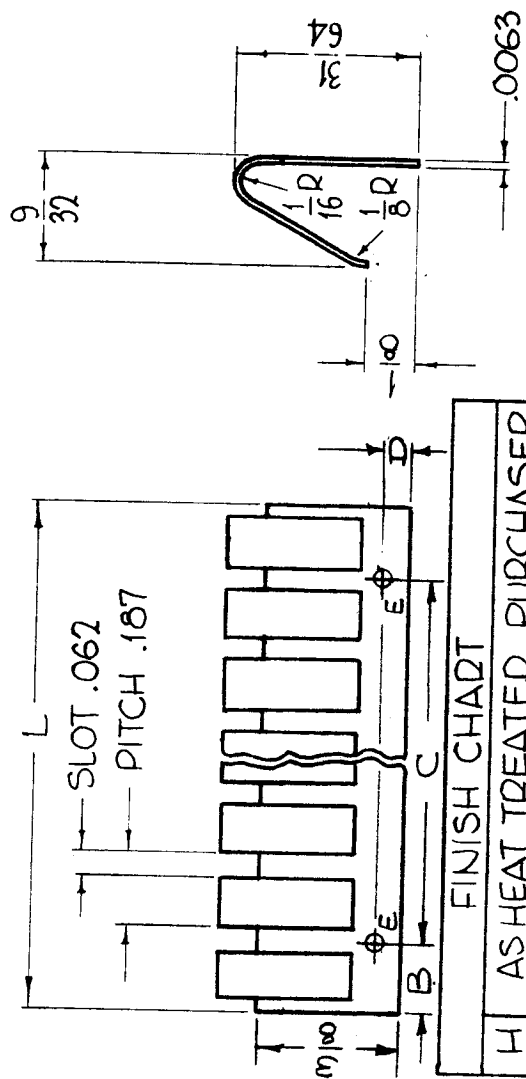
USED ON
GPT-200K-AX-395

MODEL
DATE

FP-199

B

| TMC NO | MFG NO | B | C | D | E DIA. | L | FINISH SEE CHART | USED ON |
|----------|--------|------|-------|------|--------|--------|---------------------|--------------------|
| FP-199-1 | 97-310 | - | - | - | - | 2-1/16 | A | GPT-200K AM-120 |
| -199-2 | 97-310 | 3/8 | 4.250 | 5/32 | 1/8 | 5 | S | MMX |
| -199-3 | 97-310 | 3/16 | 1.125 | 1/8 | .067 | 1-1/2 | S | MMX |
| -199-4 | 97-310 | 7/32 | 1.375 | 1/8 | 5/64 | 1.812 | S | MMX |
| -199-5 | 97-310 | - | - | - | - | 1.875 | S | MMX |
| -199-6 | 97-310 | - | - | - | - | 7/8 | S | CU-2 |



| FINISH CHART | |
|--------------|---|
| H | AS HEAT TREATED. PURCHASER TO APPLY FINISH. |
| A | BRIGHT FINISH FOR WELDING AND SOLDERING. |
| S | SILVER PLATED .0002 ±.0001 |

NOTE: OTHER FINISHES AVAILABLE UPON REQUEST.
2-STOCK COMES IN LENGTHS OF 16"

| | | | | |
|---|---|---------------|--|----------------|
| REQ. ITEM | PART NO. | F. BUDETTI | DESCRIPTION | SYMBOL |
| | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| | STOCK SIZE | | CONTACT, ELECTRICAL | |
| | MATERIAL | | | |
| TYPE & TEMPER | HEAT TREAT. SPEC. | DRAWN | CHECKED | FINAL APPROVAL |
| | | John C Biele | John C Biele | RAC |
| FINISH & SPEC. NO. | | | | FP-199 B |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | SCALE 2" = 1" | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS ± 1/64 ANGLES ± 0° 30' | DATE | CH. NO. | DRAFTS |
| | | 5.16.64 | 21704 | GPL |
| | | 4.22.68 | 18877 | HB |
| | | | | AB |
| DESCRIPTION | DATE | CHECKER | ENG. APP. | |
| ORIGINAL RELEASE | 5.16.64 | AB | | |
| TOLERANCES | CODE S 401-26 | | | |