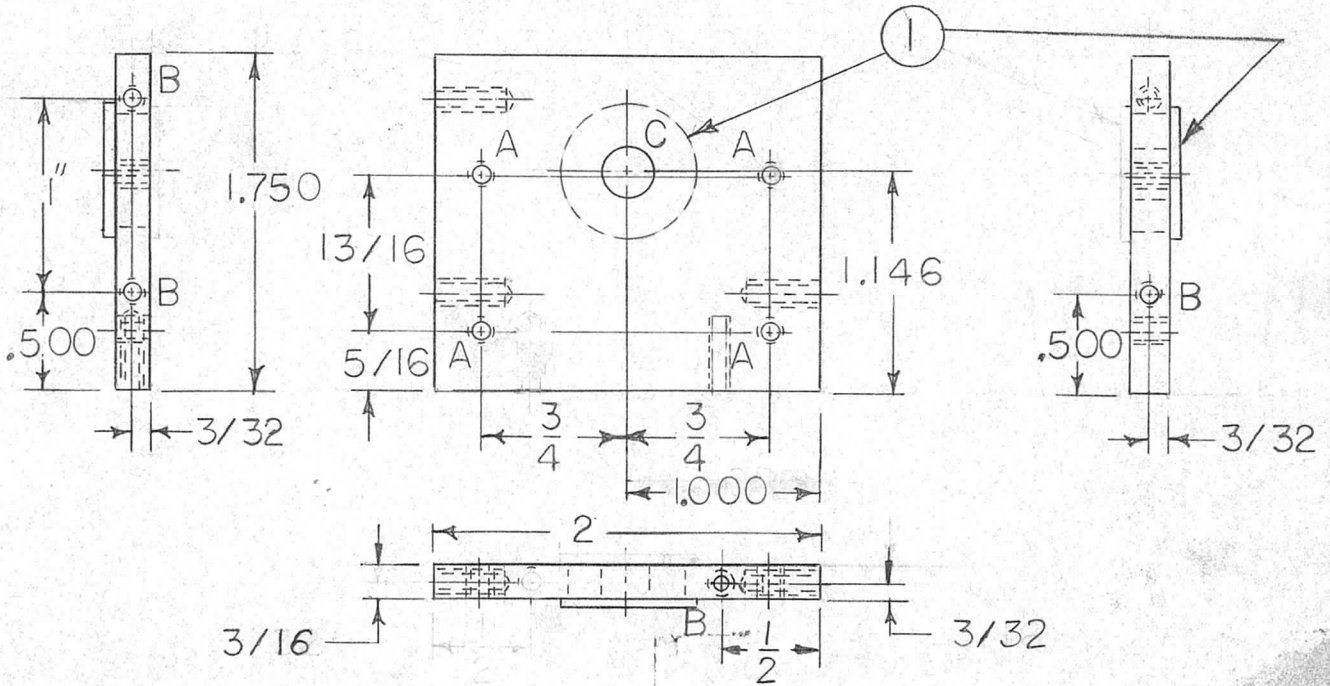


| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-------------------------|---------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |
| | | | A | REVERSE BEARING INSERT. | 1/11/72 | 20447 | GE | ES | U |
| | | | B | VIEWS CLARIFIED (IT. 1) | 4/27/72 | 20631 | GE | ES | ES |
| | | | C | TITLE CHG. WAS LEFT | 4/3/73 | 20907 | GE | EJ | Ø |

PRESS FIT ITEM 1 FROM SIDE
OPPOSITE SIDE SHOWN



| HOLE | DESCRIPTION | REQD |
|------|------------------------------|------|
| A | DRILL & TAP Ø440 | 4 |
| B | DRILL & TAP Ø440 3/8 DEEP | 4 |
| C | .625 DIA | 1 |

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|--------------|------|
| 1 | 1 | BB126-5 | RACE BEARING | C |

BUDETTI LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

PLATE, GEAR, RIGHT, SIDE
TUNE CAP ASSY

| | |
|--------------------------------------|-----------------|
| FINAL APPROVAL <i>[Signature]</i> | DATE 9-9-71 |
| MECH. DES. A. PETROCCA | DATE 9-9-71 |
| ELECT. DES. | DATE |
| CHECKED | DATE |
| DRAWN <i>R. Forlano</i> | DATE 8-23-71 |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
AND INCLUDE CHEMICALLY APPLIED
OR PLATED FINISHES

DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005
FRACTIONS: 1/64, ANGLES: 0° - 30'

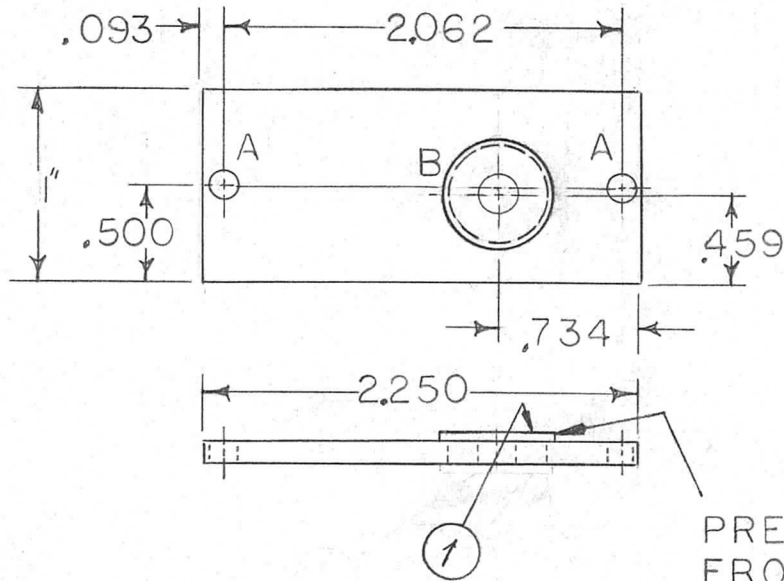
MATERIAL 3/16 THK
ALUM 2024-T3

FINISH S4.014
YEL IRIDITE

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| | | | |
|------------------|---------------------------------|--------------------------|------------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM1501 | ISSU C |
| SCALE 1 / 1 | SHEET 1 OF 1 | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-------------------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA -1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |
| | | | A | IT. 1 WAS MTD. FRM. OPP. SIDE | 4/26/72 | 20632 | GE | Ø | Ø |
| | | | B | OBS. REPLACED BY PM1583 | 11/11/75 | 21313 | CL | CL | CL |
| | | | C | REMOVE "OBSOLETE" & "S/P" | 11/9/76 | 21484 | | K.P. | |



PRESS FIT ITEM 1 FROM THIS SIDE

| HOLE | DESCRIPTION | REQD |
|------|-------------|------|
| A | 9/64 DIA | 2 |
| B | .500 DIA | 1 |

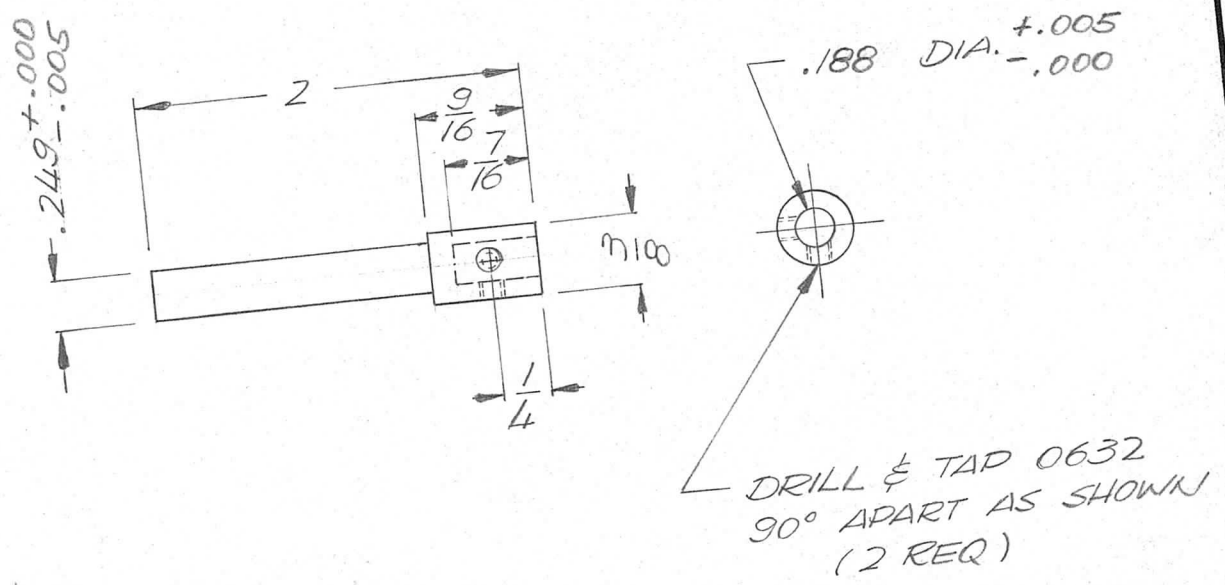
OBSOLETE
REPLACED BY PM1583

USE FOR SPARE PARTS ONLY

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------|-------------------------------------------------------------------------------------|------|
| 1 | 1 | BB126-4 | RACE BEARING | B |
| BLUETTI LIST OF MATERIAL | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30' | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| MATERIAL 1/8 THK. ALUM 2024-T3 FINISH 5404 YEL IRIDITE | | | PLATE, REAR GEAR TUNE ASS'Y | |
| FINAL APPROVAL: <i>[Signature]</i> DATE: 9-9-71 MECH. DES.: A. PETROCCA DATE: 9-9-71 ELECT. DES.: DATE: CHECKED: DATE: DRAWN: <i>R. Forlano</i> DATE: 8-24-71 | | | SIZE: A CODE IDENT. NO.: 82679 DWG NO.: PM1502 ISSUE: C | |
| NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time. | | | SCALE: 1/1 SHEET: 1 OF 1 | |

NOT FOR PRODUCTION

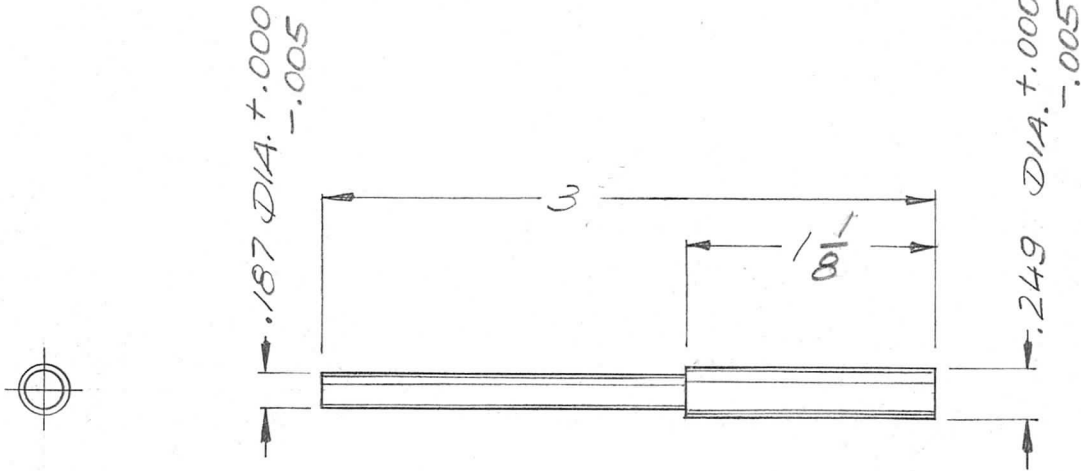
| APPLICATION | | REVISIONS | | | | | | |
|---------------|-----------|-----------|-------------------------|--------|----------|-------|------|------|
| MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| TLAAIK | AX5132 | B | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |
| | | A | SUPERSD. NOTE ADDED | 6-2-72 | 20707 | GE | EP | EP |



SUPERSEDED
REPLACED BY
PM 1432-2.00

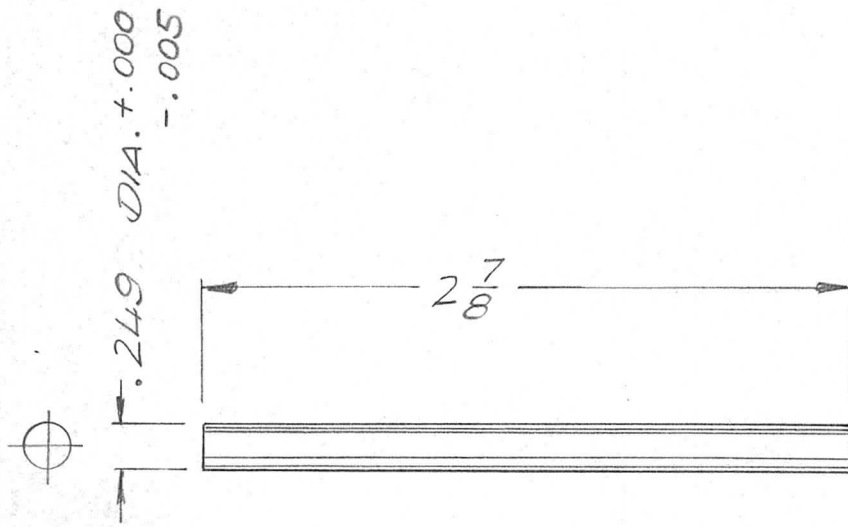
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|------|-------------------------------|-------------------------------------------------------------|----------|
| DECIMALS: .X \pm .05, .XX \pm .01, .XXX \pm .005 FRACTIONS: 1/64, ANGLES: 0°-30' | | E. BUDETTI FINAL APPROVAL: <i>[Signature]</i> DATE: 9 Sep 71 | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| MATERIAL: # 303 S. STEEL FINISH: PASSIVATE-S104 | | A. PETROCCA MECH. DES. DATE: 9-9-71 ELECT. DES. DATE: | | | SHAFT, MOTOR (TUNE ASSY) | |
| DRAWN: GE DATE: 8-19-71 | | SIZE: A | | CODE IDENT. NO.: 82679 | DWG NO.: PM 1504 | SHEET OF |
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| SCALE: 1:1 | | | | | SHEET OF | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|---------------------------------------|---------|----------|--------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |
| | | | A | DIMS. 1 1/8 WAS 1 5/16 & 3 WAS 3 3/16 | 6-19-78 | 21653 | C.D.L. | W.B. | * |



| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------|------|-------------------------------|------------------------------------------------------|---------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | | FRACTIONS 1/64 ANGLES 0° -30' | | F. BUDETTI * LIST OF MATERIAL | | |
| MATERIALS, STEEL # 303 | | FINAL APPROVAL | | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| FINISH 5104 PASSIVATE | | MECH. DES. A. PETROCCA | | DATE 9-9-71 | SHAFT, WORM GEAR (TUNE ASSY) | |
| | | ELECT. DES. | | DATE | | |
| | | CHECKED | | DATE | | |
| | | DRAWN GE | | DATE 12/18/71 | | |
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| | | | | DWG NO. PM 1505 | SHEET OF | |
| | | | | SCALE NTS | | |

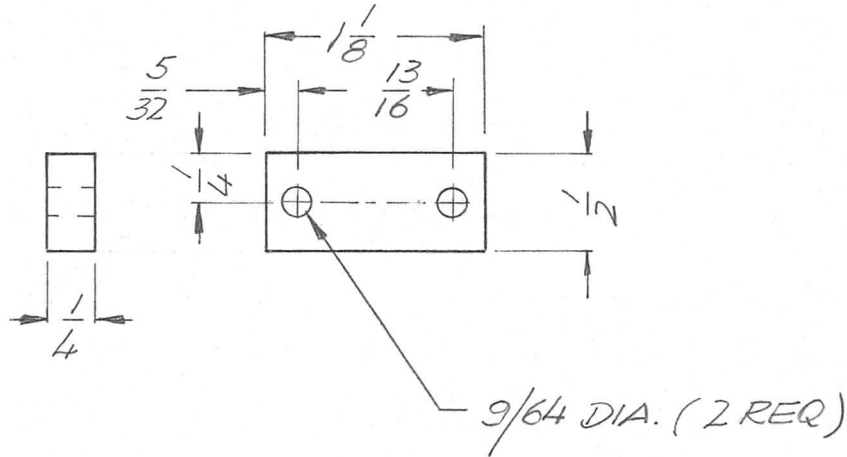
| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-------------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG. | | |



| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------|-------------|------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 TOLS. ANGLES 0° - 30' | | F. BUDETTI LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT, PULLEY TUNE ASSY. | | | | |
| MATERIAL S. STEEL #. 303 | | FINAL APPROVAL <i>BM</i> | | DATE 9/9/71 | | |
| FINISH PASSIVATE S104 | | MECH. DES. A. PETROCCA | | DATE 9-9-71 | | |
| | | ELECT. DES. | | DATE | | |
| | | CHECKED | | DATE | | |
| | | DRAWN GE | | DATE 12/8/71 | | |

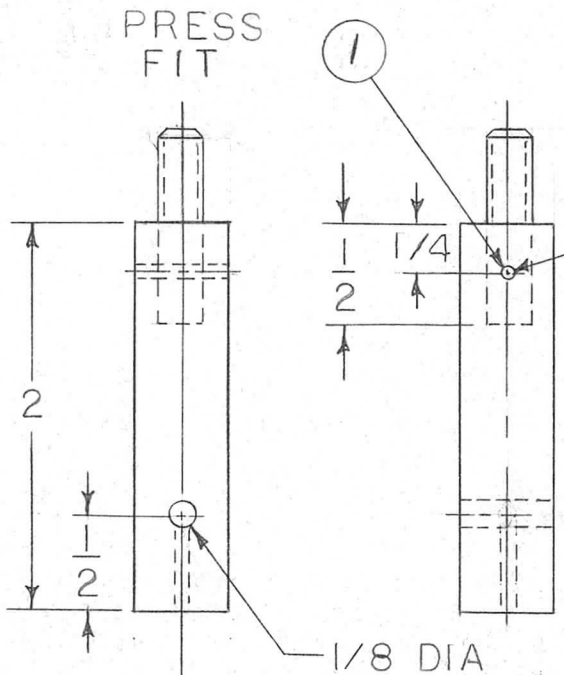
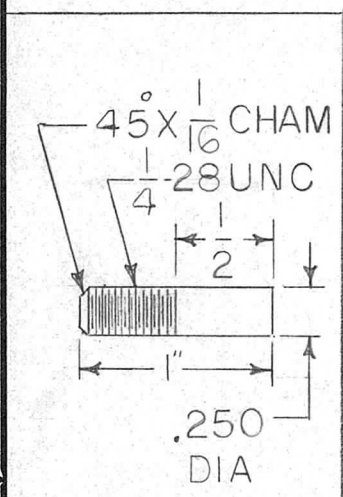
| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|------------------|---------------------------------|---------------------------|-------------------|
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| SCALE HTS | | | SHEET | | OF | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-------------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA 1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |



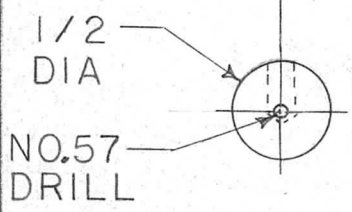
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|------|-------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30' | | F. BUDETTI LIST OF MATERIAL | | | | | |
| MATERIAL 1/4 ALUM 2024 T3 | | FINAL APPROVAL <i>SW</i> | | DATE 9-9-71 | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK <i>SHIM, LIMIT SW.</i> | |
| FINISH <i>SH04 YEL IRIDITE</i> | | MECH. DES. A. PETROCCA | | DATE 9-9-71 | | | |
| | | ELECT. DES. | | DATE | | | |
| | | CHECKED | | DATE | | | |
| | | DRAWN <i>GE</i> | | DATE 10/8/71 | | | |
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| | | | | SCALE 1:1 | SHEET OF | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-------------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | AX5132 | Ø | ORIG. RELEASE FOR PROD. | 9/9/71 | | RG | | |
| | | | Δ | ADD OBSOLETE NOTE | 4/3/73 | 20907 | GE | Ø | Ø |



0.062 DIA.
DRILL IN PLACE
& INSERT ITEM 1
AS SHOWN

MATL: BRS



**OBSOLETE
SUPERSEDED
REPLACED BY
PM1519**

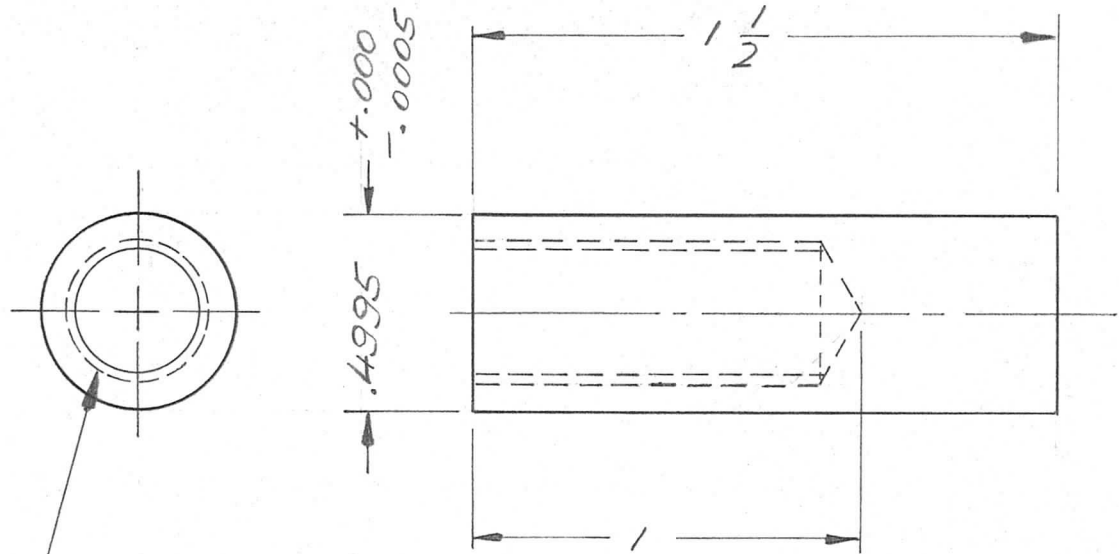
| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
| 1 | 1 | PN-99-062-8 | PIN | |

| | |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' |
| MATERIAL G11 | FINISH |

| | | | |
|--------------------------------------|-----------------|----------------------------------------------------------------------------------|--|
| F. BUDETTI | | LIST OF MATERIAL | |
| FINAL APPROVAL <i>[Signature]</i> | DATE 9-9-71 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT INS CAP | |
| MECH. DES. A. PETROCCA | DATE 9-9-71 | | |
| ELECT. DES. | DATE | | |
| CHECKED | DATE | | |
| DRAWN R. Forlano | DATE 8-25-71 | | |

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------|--|-----------|--------------------------|--------------------|------------|
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| SCALE | | SHEET | | OF | | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-----------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | MFTR-10KE-5 | B44-484 | Ø | ORIG RELEASE FOR PROD | 3/6/70 | | W | | |
| 1 | MAT-5 | BMA-473 | | | | | | | |



DRILL & TAP
FOR 5/16-18 UNC

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
AND INCLUDE CHEMICALLY APPLIED
OR PLATED FINISHES

DECIMALS FRACTIONS
.X ± .05 1/64
.XX ± .01 TOLS. ANGLES
.XXX ± .005 0°-30'

MATERIAL # 303
S. STEEL

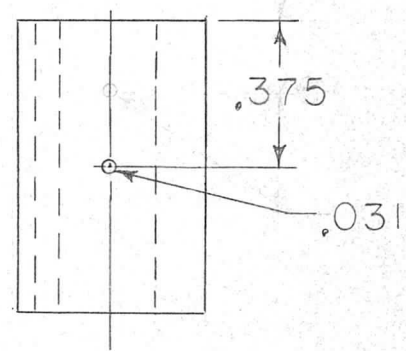
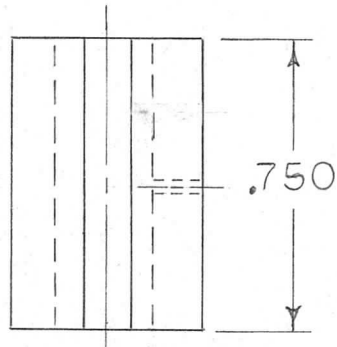
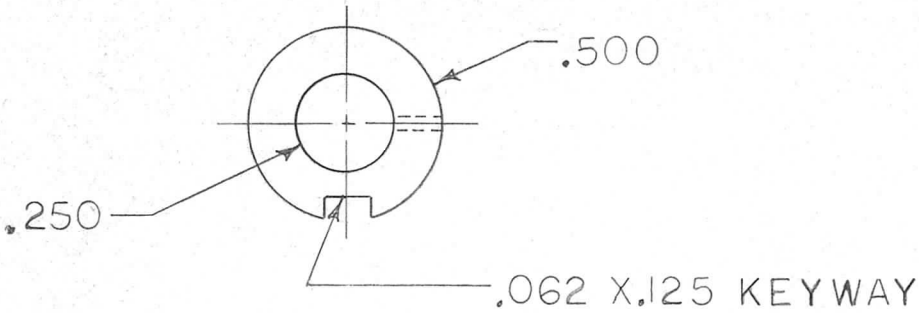
FINISH

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|----------------|--------------------|-------------|------------------------------|------|
| | F.B. | | LIST OF MATERIAL | |
| FINAL APPROVAL | <i>[Signature]</i> | DATE | THE TECHNICAL MATERIEL CORP. | |
| MECH. DES. | <i>[Signature]</i> | DATE | MAMARONECK, NEW YORK | |
| ELECT. DES. | | DATE | | |
| CHECKED | | DATE | | |
| DRAWN | <i>GE</i> | DATE | SPROCKET, THD. SHAFT | |

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| | | | |
|-------|-----------------|---------|-------|
| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
| A | 82679 | PM 1509 | Ø |
| SCALE | 2:1 | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-----------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | MFT R-10KE-5 | BMA 484 | Ø | ORIG RELEASE FOR PROD | 3/4/72 | | R F | | |
| 1 | MAT-5 | BMA-474 | | | | | | | |



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

F.B. LIST OF MATERIAL

| | | | | |
|--------------------------------------------------|-----------------------------------------|-------|--------------------------------------|-----------------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' | TOLS. | FINAL APPROVAL <i>[Signature]</i> | DATE 3/16/72 |
| MATERIAL C.R.S. | | | MECH. DES. <i>[Signature]</i> | DATE 10/6/71 |
| FINISH | | | ELECT. DES. | DATE |
| | | | CHECKED | DATE |
| | | | DRAWN R FORLANO | DATE 9/22/71 |

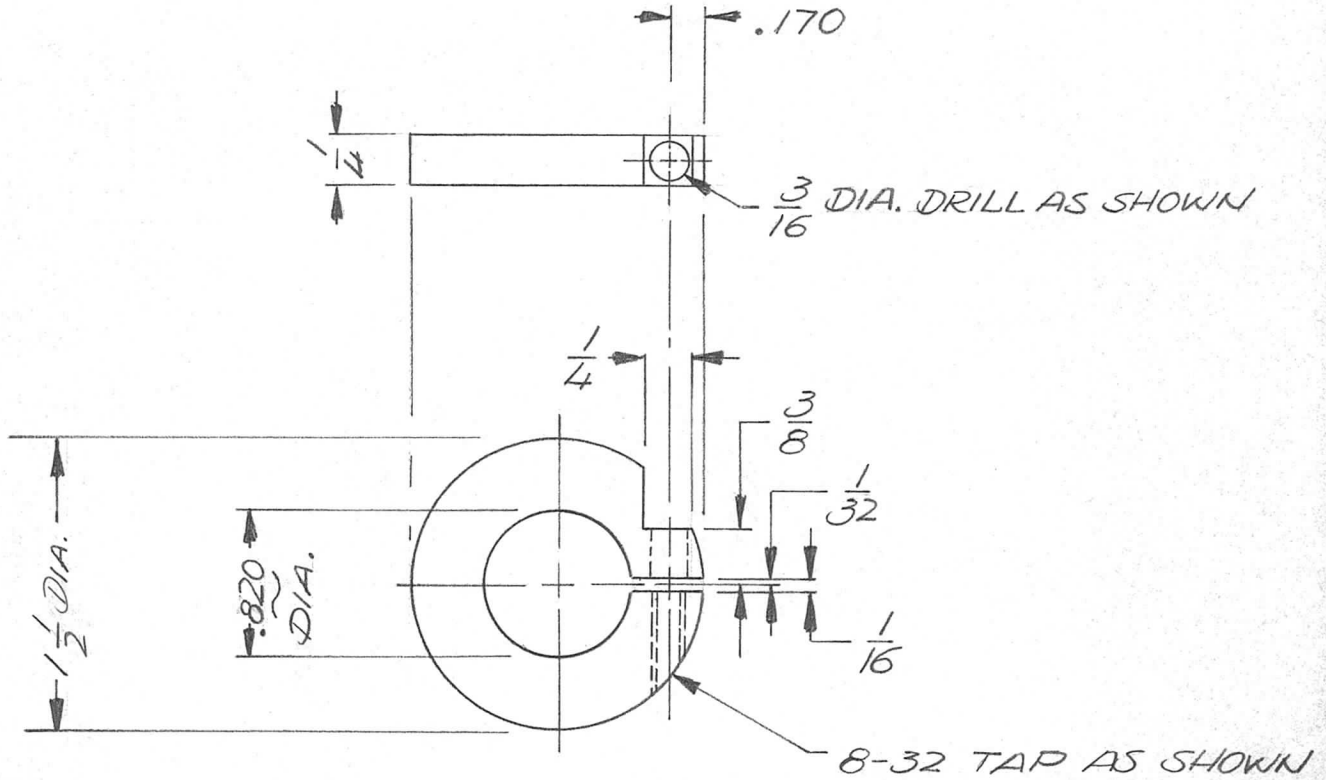
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

ADAPTER, SHAFT

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| | | | |
|-------------|--------------------------|---------------------|------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM. 1511 | ISSUE Ø |
| SCALE 2 / 1 | | SHEET 1 OF 1 | |

| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
|-----|---------------|-----------|-----|-----------------------|--------|----------|-------|------|------|
| 1 | TLAAIK | BMA460 | Ø | ORIG RELEASE FOR PROD | 7/8/72 | | W. | | |



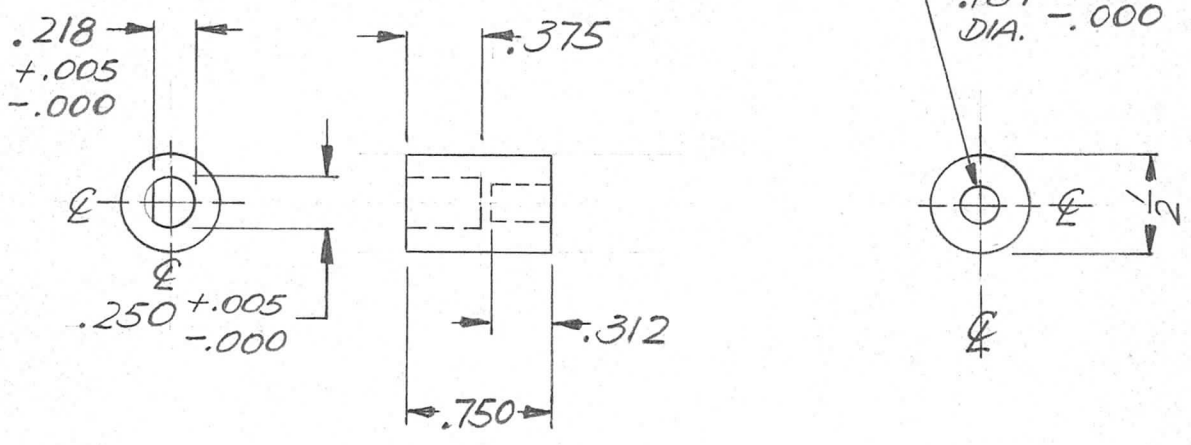
| | | | | | | |
|-------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------|------------------------------------------------------|-------------|------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | | F.B. LIST OF MATERIAL | | | | |
| FRACTIONS 1/64 ANGLES 0° - 30' | | FINAL APPROVAL | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| MATERIAL ALUM. 2024T3 | MECH. DES. | A.P. | 5/8/72 | CLAMP. ELEC. CONN. | | |
| FINISH 5404 YEL. IRIDITE | ELECT. DES. | | | | | |
| | CHECKED | | | | | |
| | DRAWN | GE | 1/8/72 | | | |

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|-----------|--------------------------|--------------------|------------|
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| SCALE 1:1 | | | SHEET | | OF | | |

APPLICATION

REVISIONS

| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
|-----|---------------|-----------|-----|---------------|--------|----------|-------|------|------|
| 1 | HFLA 10K | A4819 | Ø | ORIG. RELEASE | 2/3/72 | | GE | AP | |



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

F.B LIST OF MATERIAL

| DECIMALS | FRACTIONS |
|------------|--------------|
| .X ± .05 | 1/64 |
| XX ± .01 | TOLS. ANGLES |
| XXX ± .005 | 0° - 30' |

FINAL APPROVAL *JM* DATE 3 Feb 72

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

MATERIAL #303
INLESS STEEL

MECH. DES. ALPETROCCA DATE 2-3-72

CH

ELECT. DES. DATE

—

CHECKED DATE

—

DRAWN GE DATE

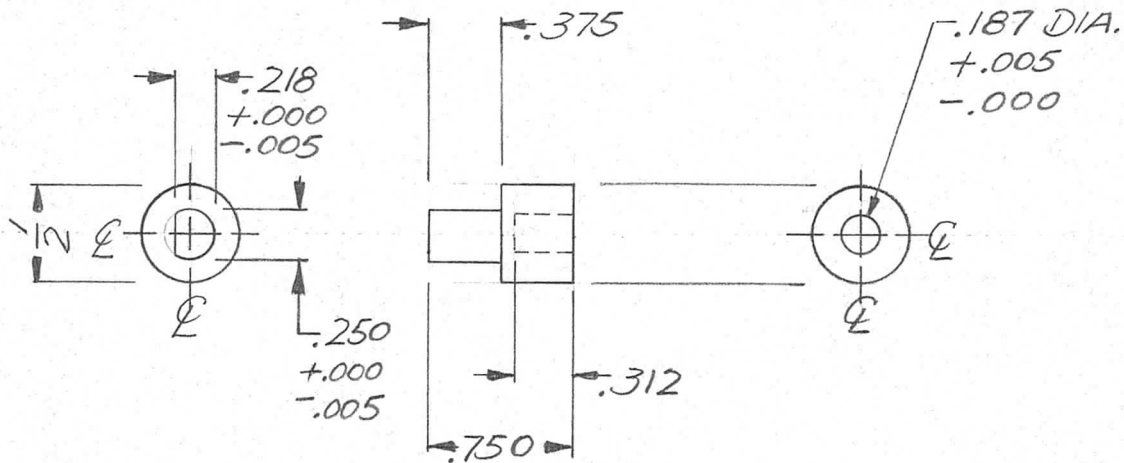
FWD HUB, FEMALE

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| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
|------|-----------------|---------|-------|
| A | 82679 | PM 1514 | Ø |

SCALE 1:1 SHEET OF

| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
|-----|---------------|-----------|-----|---------------|--------|----------|-------|------|------|
| 1 | HFLA-10K | A4820 | Ø | ORIG. RELEASE | 2/3/72 | | GE | AP. | |

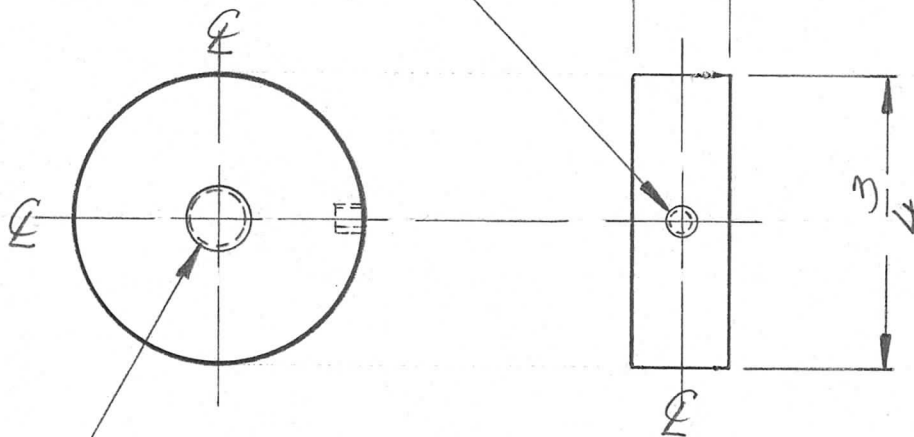


| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------|----------------|------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 ANGLES 0° -30' | | F.B. LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK HUB, MALE | | | | |
| MATERIAL # 303 STAINLESS STEEL FINISH | | FINAL APPROVAL MECH. DES. ELECT. DES. CHECKED DRAWN | AL PETROCCA GE | DATE 3/26/72 DATE 2-3-72 DATE DATE DATE DATE DATE | DATE 2/3/72 | |

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|-----------|--------------------------|--------------------|------------|
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| SCALE 1:1 | | SHEET OF | | | | | |

| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
|-----|---------------|----------------|-----|--------------|--------|----------|-------|------|------|
| 2 | HFLA10K | A4819 A4820 | Ø | ORIG RELEASE | 2/3/72 | | GE | A.P. | |

DRILL & TAP 0832
3/16 DEEP

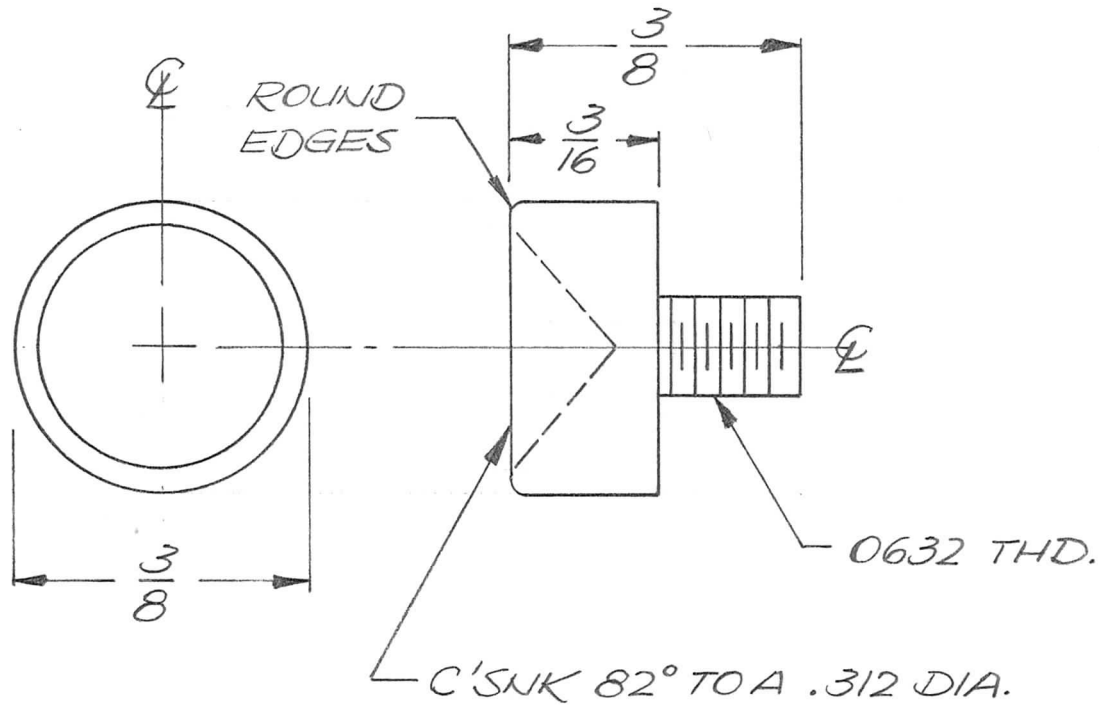


DRILL & TAP 2520 (THRU)

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|------|
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0° -30' | | F.B. LIST OF MATERIAL THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK COLLAR, THREADED | | | | |
| MATERIAL | BRASS | FINAL APPROVAL | <i>JW</i> | DATE | 3 Feb 72 | |
| FINISH | NONE | MECH. DES. | AL PETROCCA | DATE | 2-3-72 | |
| | | ELECT. DES. | | DATE | | |
| | | CHECKED | | DATE | | |
| | | DRAWN | GE | DATE | 2/3/72 | |

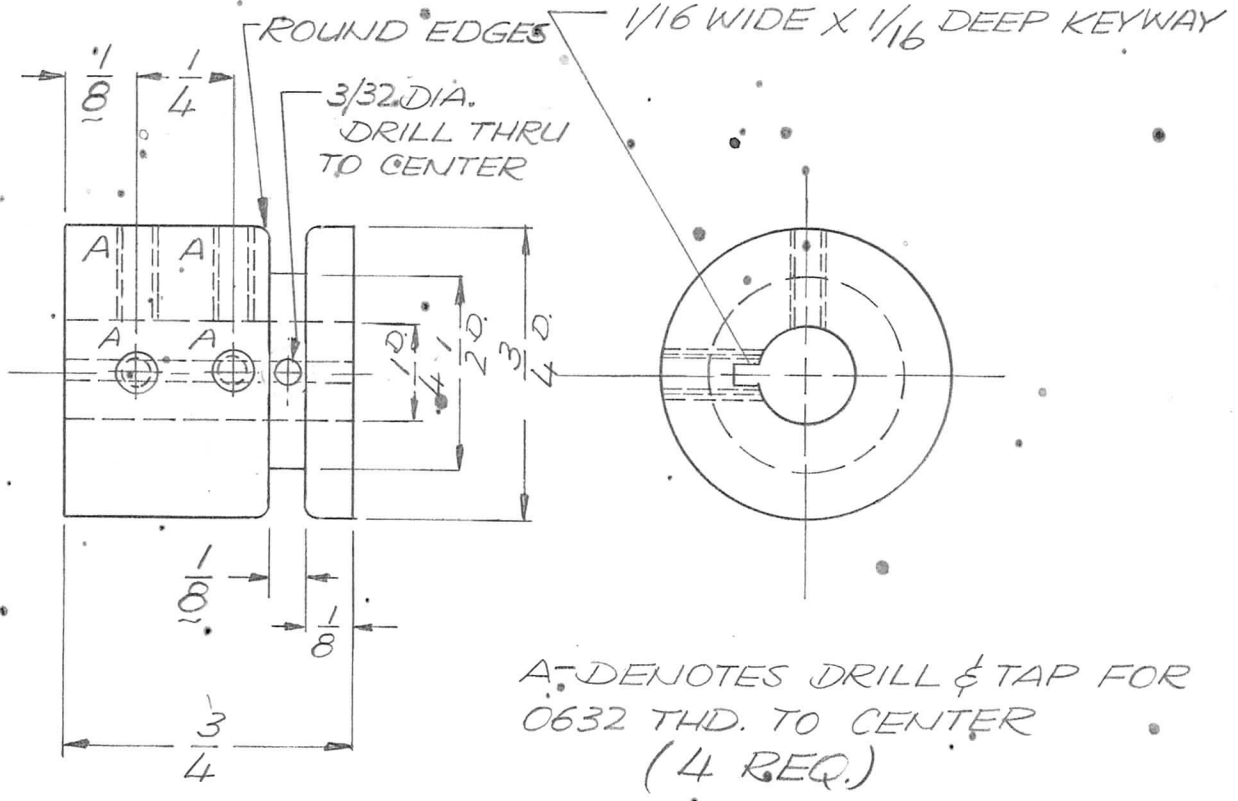
| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------|------|-----------------|---------|-------|
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| | A | 82679 | PM 1516 | Ø | | | |
| SCALE | 2:1 | SHEET | | OF | | | |

| APPLICATION | | | REVISIONS | | | | | | |
|---------------|-----------|-----|-----------------------|---------|----------|-------|------|------|--|
| MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| KIT 382 | AX5144 | 0 | ORIG RELEASE FOR PROD | 3/30/72 | | CV | | | |



| | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------|-----------------|-------------|------------------------------------------------------|------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
| | | F.B. LIST OF MATERIAL | | | | |
| DECIMALS FRACTIONS .X ± .05 TOLS. 1/64 .XX ± .01 ANGLES .XXX ± .005 0°-30' | | FINAL APPROVAL | DATE | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| MATERIAL BRASS | | MECH. DES. | DATE | | CONTACT, SWITCH | |
| FINISH 5245 SILVER PLATE, BR. | | ELECT. DES. | DATE | | | |
| | | CHECKED | DATE | | | |
| | | DRAWN | DATE | | | |
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| | | A | 82679 | PM 1517 | Ø | |
| | | SCALE | SHEET | | OF | |
| | | NTS | | | | |

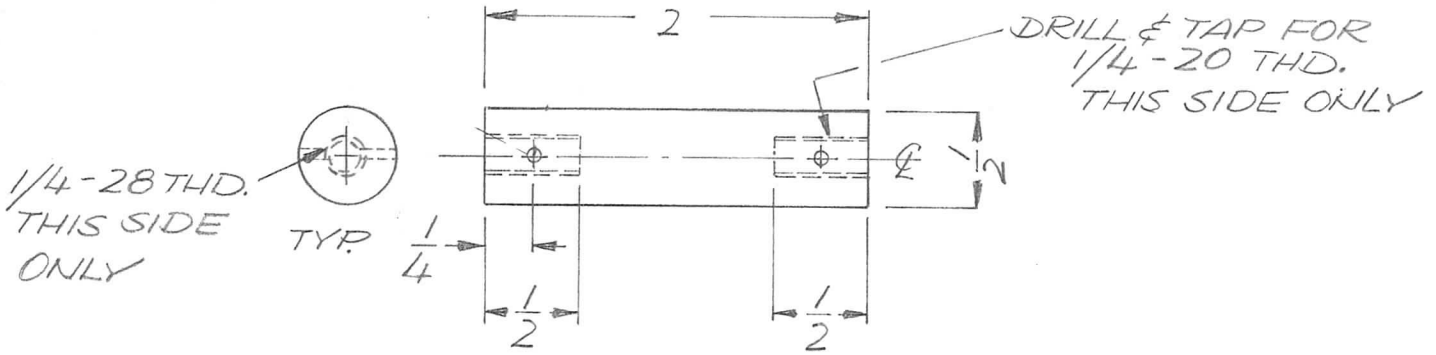
| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|---------------------|--------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | TLAA-1K | AX5132 | D | ORIGINAL RELEASE | 4/4/73 | | CF | | | |
| | | | A | KEYWAY WAS 1/8 DEEP | 7/5/73 | 21096 | GE | CF | CF | |



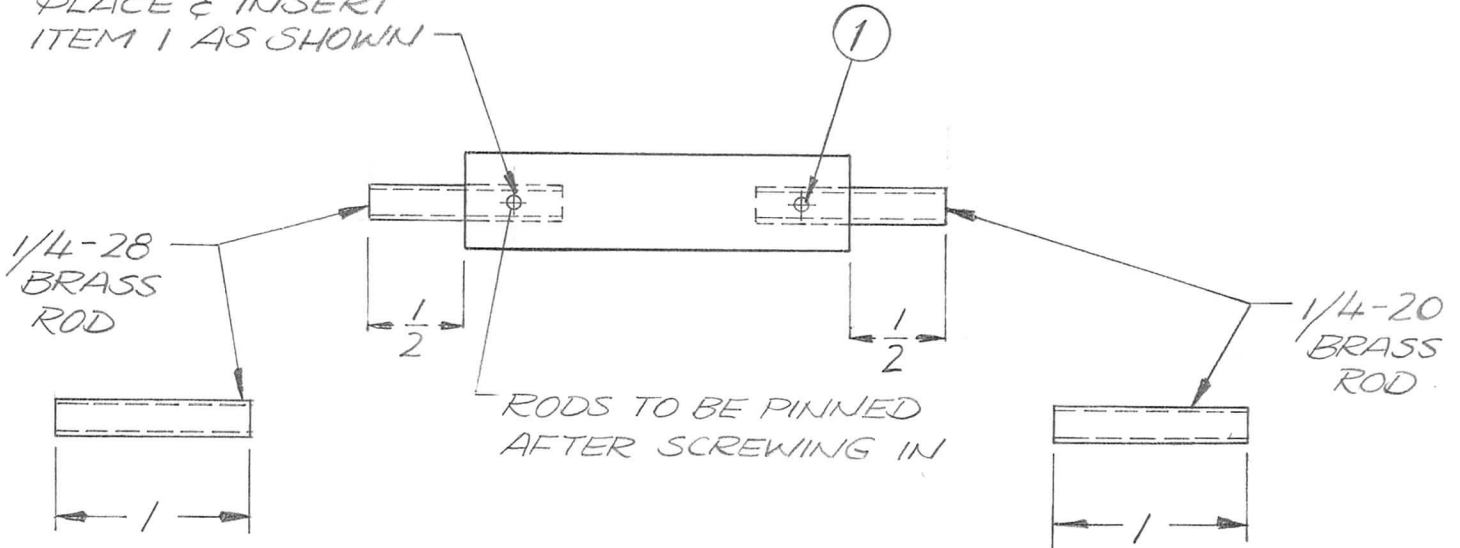
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|---------------------------|------|-------------------|---------------------------------------------------------------------------|------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | | F.B. | | LIST OF MATERIAL | | |
| FRACTIONS 1/64 ANGLES 0° -30' | | FINAL APPROVAL <i>JMM</i> | | DATE 29 MAR 73 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK PULLEY | |
| MATERIAL BRASS | | MECH. DES. <i>JMM</i> | | DATE 29 MAR 73 | | |
| FINISH | | ELECT. DES. | | DATE | | |
| | | CHECKED | | DATE | | |
| | | DRAWN <i>GE</i> | | DATE 8/24/72 | | |

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|-----------|--------------------------|-------------------|------------|
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| SCALE 2:1 | | | SHEET | | OF | | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|------------------|--------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | TLAA-1K | AX5132 | Ø | ORIGINAL RELEASE | 4/4/73 | | CS | | | |



.062 DIA. DRILL IN PLACE & INSERT ITEM 1 AS SHOWN



| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
| 2 | 1 | PN-99-062-8 | PIN | |

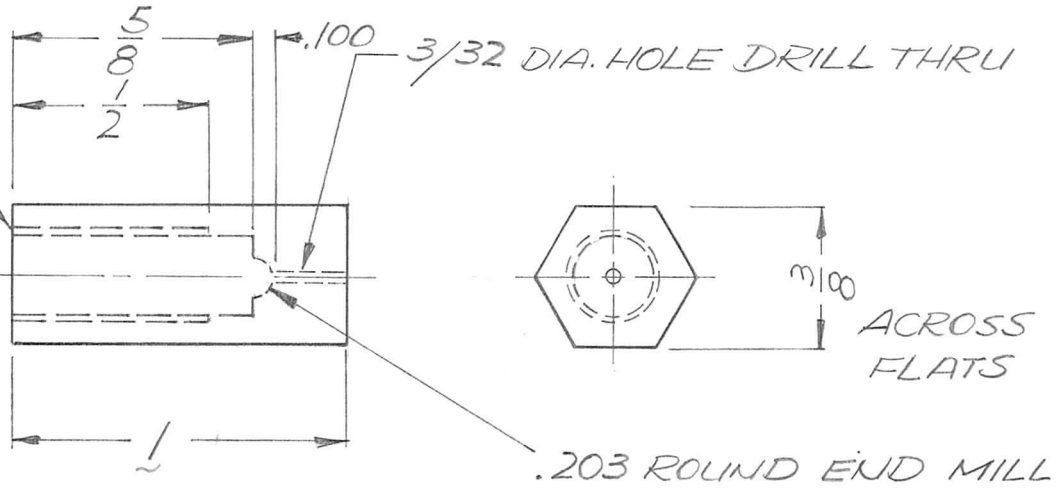
| F.B. LIST OF MATERIAL | | | |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------|-------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' | FINAL APPROVAL <i>JM</i> | DATE 29 MAR 73 |
| MATERIAL G11 EPOXY | MECH. DES. <i>JM</i> | DATE 29 MAR 73 | SHAFT INS. CAP. |
| FINISH | ELECT. DES. | DATE | |
| | CHECKED | DATE | |
| | DRAWN <i>GE</i> | DATE 10/2/72 | |

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| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
|-----------|-----------------|---------|-------|
| A | 82679 | PM1519 | Ø |
| SCALE 1:1 | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | AX5132 | 0 | ORIGINAL RELEASE | 4/4/73 | | 8 | | |

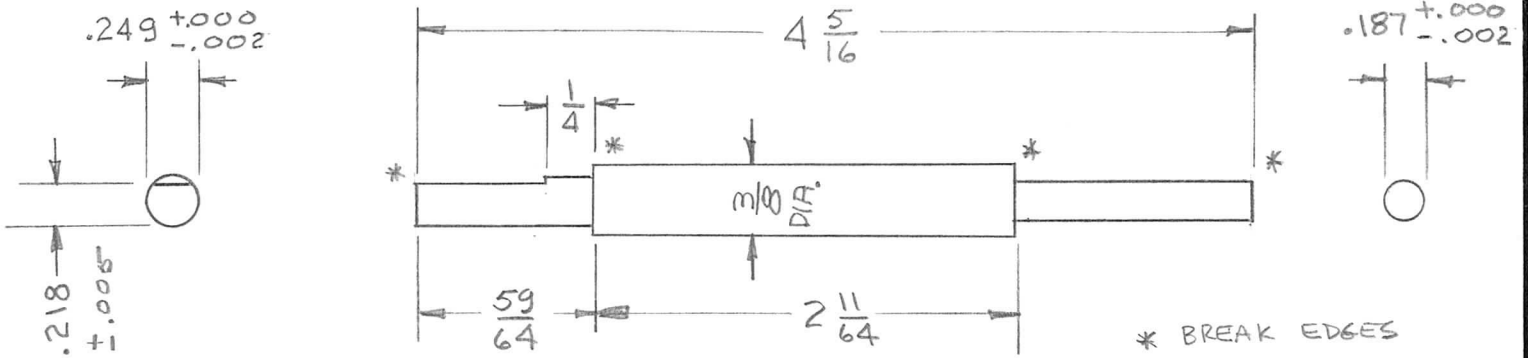
DRILL CLEARANCE HOLE FOR
 1/4-20 TAP TO DEPTH OF 5/8.
 TAP 1/4-20 THD TO DEPTH OF 1/2



| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------|------|
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30' | | F.B. LIST OF MATERIAL | | | | |
| MATERIAL BRASS | | FINAL APPROVAL <i>JMM</i> MECH. DES. <i>JMM</i> ELECT. DES. CHECKED DRAWN <i>GE</i> | DATE 29 MAR 73 DATE 29 MAR 73 DATE DATE DATE 3/24/72 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK WIRE HOLDER | | |

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|--|------------------|---------------------------------|--------------------------|-------------------|
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| SCALE 2:1 | | SHEET OF | | | | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|--------------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | AX5176 | AX5179 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

LIST OF MATERIAL

| | |
|--------------------------------------------------|-----------------------------------------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' |
| MATERIAL #303 STAINLESS STEEL | |
| FINISH S104 PASSIVATE | |

| | |
|--------------------------------------|------------------|
| FINAL APPROVAL <i>[Signature]</i> | DATE 11/6/73 |
| MECH. DES. | DATE |
| ELECT. DES. | DATE |
| CHECKED <i>[Signature]</i> | DATE |
| DRAWN <i>[Signature]</i> | DATE 2 MAY 73 |

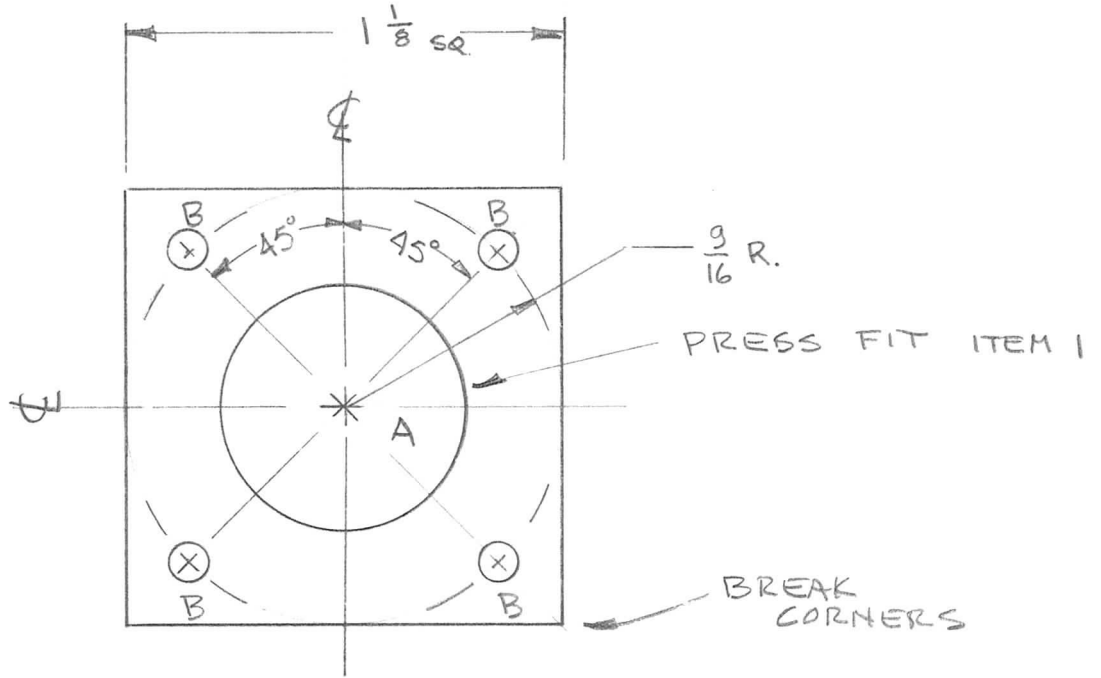
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

SHAFT, WORM GEAR

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| | | | |
|-----------|--------------------------|-------------------|-----------------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM1556 | ISSUE Ø |
| SCALE | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | AX5176 | AX5178 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |



$A \approx .625$ DIA. 1 REQ'D
 $B \approx$ DRILL & TAP FOR $\varnothing 440$ 4 REQ'D

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|---------------|------|
| 1 | 1 | BB126-5 | BEARING, RACE | A |

| LIST OF MATERIAL | | | |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------|------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' | FINAL APPROVAL <i>[Signature]</i> | DATE 11/16/73 |
| MATERIAL .125 ALUM 5052-H32 | MECH. DES. | DATE | PLATE, BEARING |
| FINISH S409 YEL IRID | ELECT. DES. | DATE | |
| | CHECKED <i>[Signature]</i> | DATE | |
| | DRAWN <i>[Signature]</i> | DATE 7MA 4 73 | |

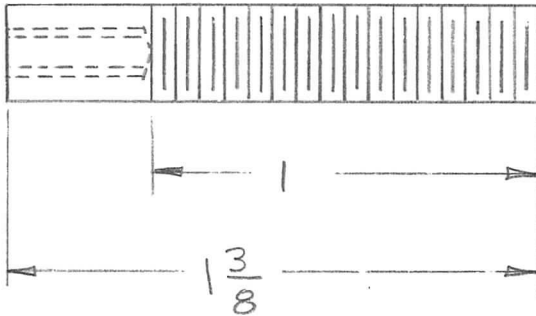
| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
|-------|-----------------|---------|-------|
| A | 82679 | PM 1557 | Ø |
| SCALE | | SHEET | OF |

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| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|--------------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 2 | AX5176 | AX5178 | Ø | ORIGINAL RELEASE | 11/30/13 | | DV | | |

DRILL & TAP
 Ø440 x $\frac{3}{8}$ DP.

$\frac{1}{4}$ -20 THD



UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 AND INCLUDE CHEMICALLY APPLIED
 OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

LIST OF MATERIAL

| DECIMALS | FRACTIONS |
|-------------|--------------|
| .X ± .05 | 1/64 |
| .XX ± .01 | TOLS. ANGLES |
| .XXX ± .005 | 0°-30' |

| | |
|-------------------------------|-----------------|
| FINAL APPROVAL <i>CB</i> | DATE 1/6/23 |
| MECH. DES. | DATE |
| ELECT. DES. | DATE |
| CHECKED <i>[Signature]</i> | DATE |
| DRAWN <i>[Signature]</i> | DATE 8/14/13 |

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

MATERIAL $\frac{1}{4}$ " ALUM ROD
 2024-T3

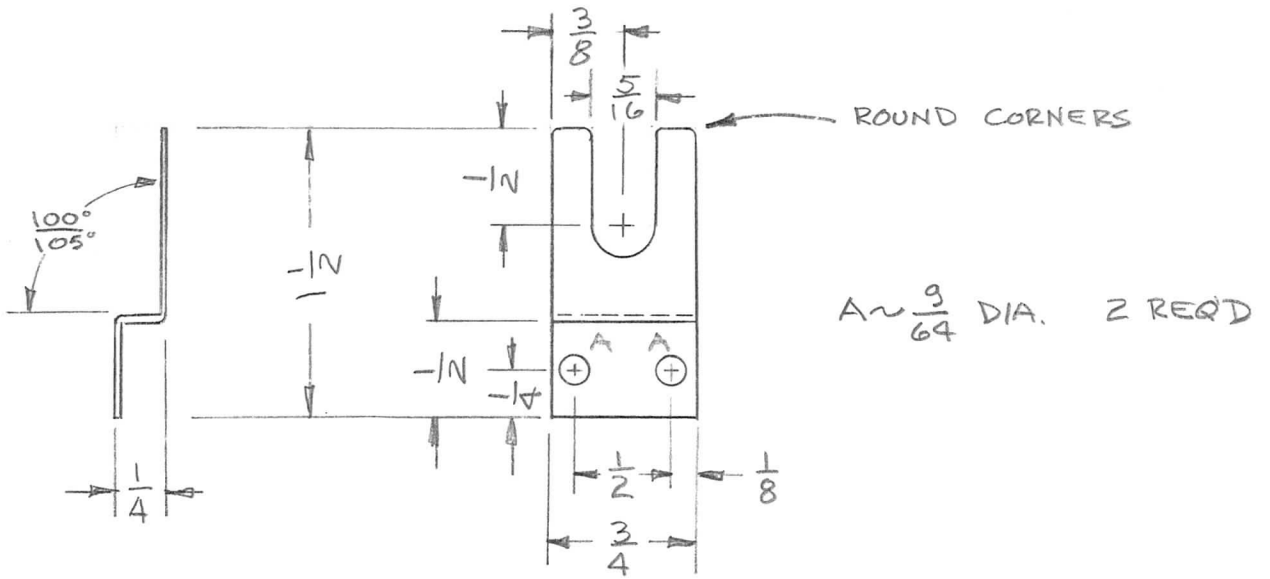
FINISH
 S404 YEL IRID

SUPPORT, GUIDE

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| | | | |
|-----------|--------------------------|--------------------|-----------------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM 1559 | ISSUE Ø |
| SCALE | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|------------------|----------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | AX5176 | AX5178 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | | |



HEAT TREATMENT
 600°F FOR 2 HOURS IN
 CLOSED OVEN

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 AND INCLUDE CHEMICALLY APPLIED
 OR PLATED FINISHES

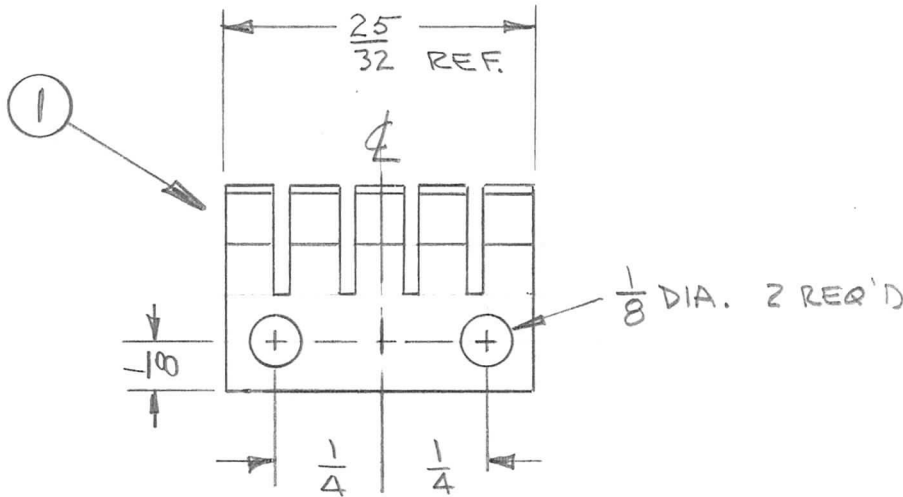
| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-----------------------------------|------|-------------|------------------------------------------------------------------------------------------|------|
| LIST OF MATERIAL | | | | |
| MATERIAL .015 BERYLLIUM COPPER | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK CONTACT SPRING | |
| FINISH | | | | |
| FULLY HARD MAT'L. | | | | |
| DATE | | | | |
| FINAL APPROVAL | | DATE | | |
| MECH. DES. | | DATE | | |
| ELECT. DES. | | DATE | | |
| CHECKED | | DATE | | |
| DRAWN | | DATE | | |

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| | | | |
|-----------|--------------------------|--------------------|------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM 1561 | ISSUE Ø |
| SCALE | | SHEET OF | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 2 | AX5176 | AX5178 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |

CUT ITEM 1 TO 5 FINGERS &
SMOOTH EDGES



| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|---------------|------|
| | 1 | FP160A---- | CONTACT, ELEC | |

LIST OF MATERIAL

| | | |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | FINAL APPROVAL <i>[Signature]</i> | DATE 11/16/73 |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | MECH. DES. | DATE |
| FRACTIONS 1/64 ANGLES 0°-30' | ELECT. DES. | DATE |
| MATERIAL ITEM 1 | CHECKED <i>[Signature]</i> | DATE |
| FINISH S245 SILV. PL .000025" RHODIUM PL | DRAWN <i>[Signature]</i> | DATE 8/4/73 |

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

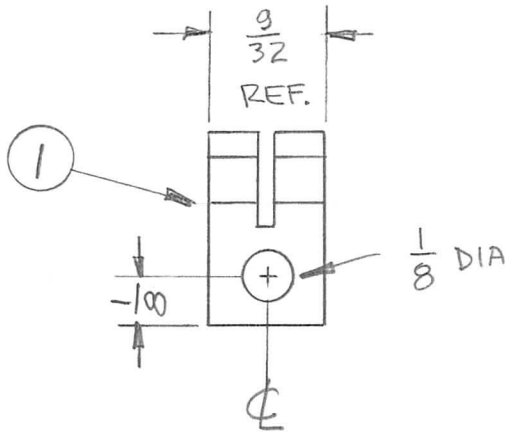
CONTACT, ELEC

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| | | | |
|-----------|--------------------------|-------------------|------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM1562 | ISSUE Ø |
| SCALE | | SHEET | OF |

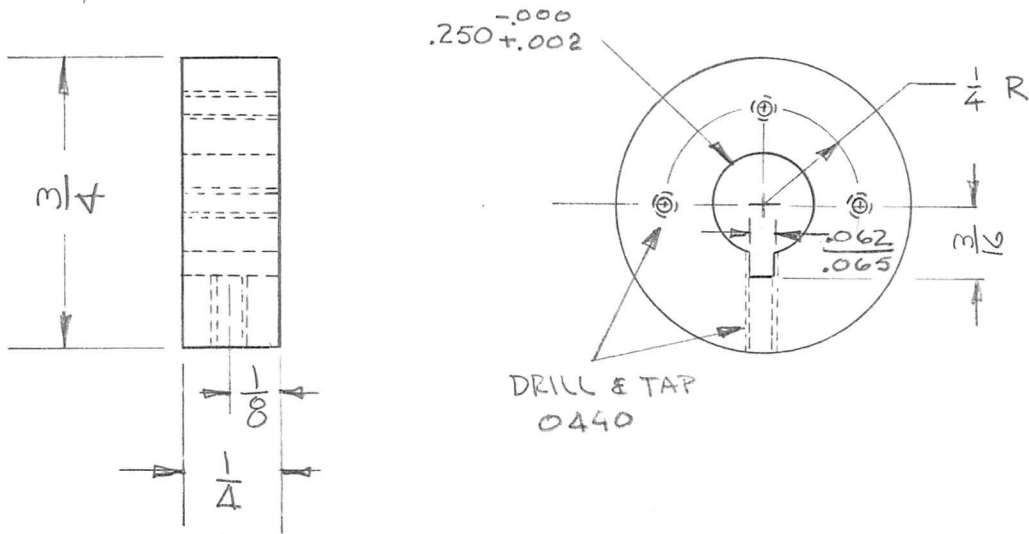
| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 4 | AX5176 | AX5178 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |

CUT ITEM 1 TO 2 FINGERS & SMOOTH EDGES.



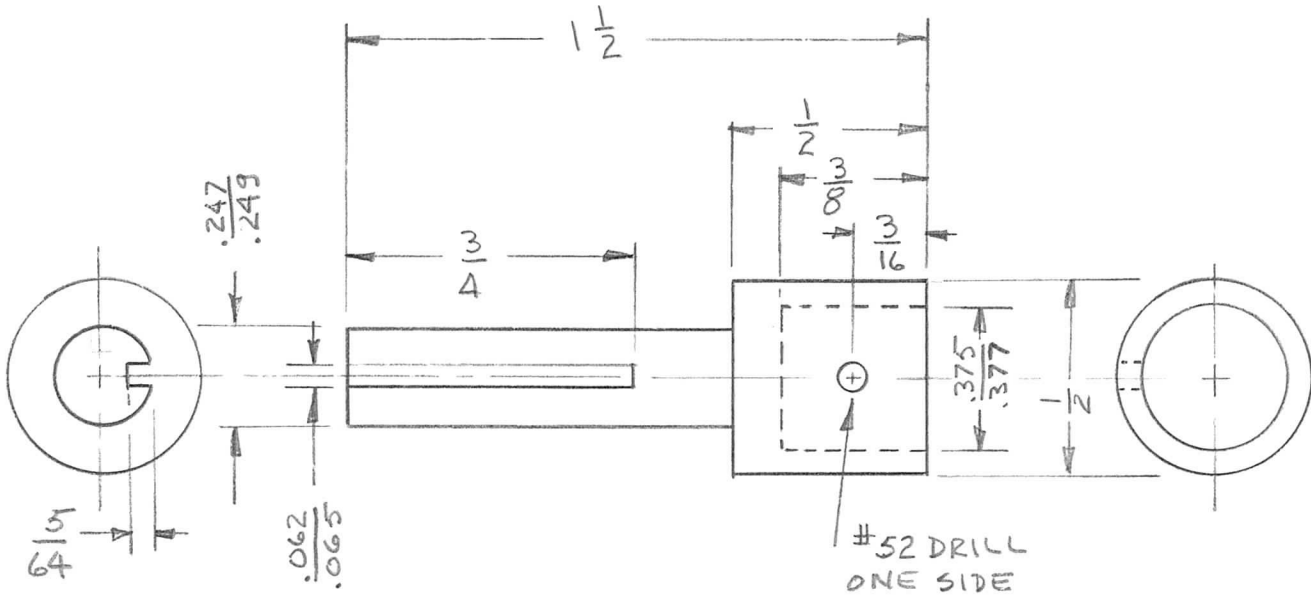
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|----------------------------------------------------------------------------------|-----------------|---------|-------|
| | | 1 | FPI60H | CONTACT, ELEC | | |
| LIST OF MATERIAL | | | | | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 TOLS. ANGLES 0° - 30' | FINAL APPROVAL | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK CONTACT, ELEC | | | |
| MATERIAL | MECH. DES. | DATE | | | | |
| ITEM 1 | ELECT. DES. | DATE | | | | |
| FINISH S245 SILV. PL .000025" RHODIUM PL. | CHECKED | DATE | | | | |
| | DRAWN | DATE | | | | |
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| | | | A | 82679 | PM 1563 | Ø |
| | | | SCALE | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|--------------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | AX5176 | AX5177 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |



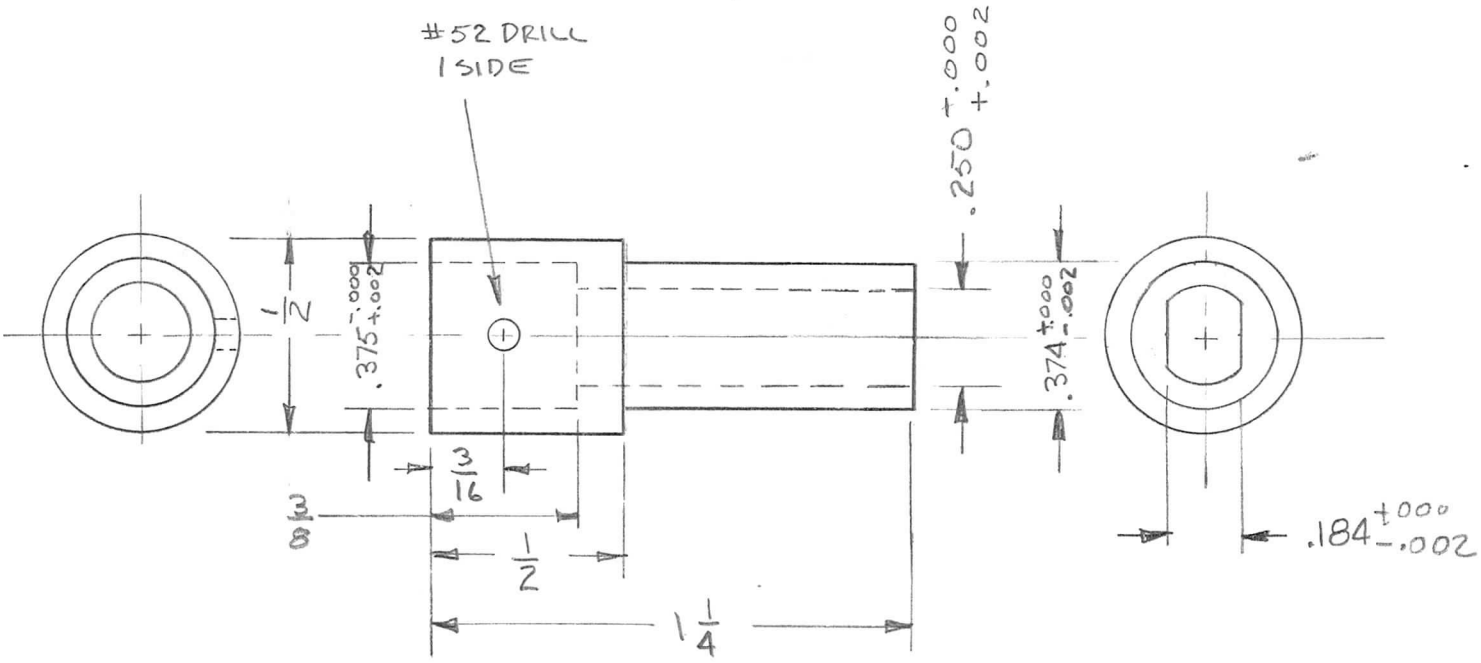
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------|-------------|--------------------------------------------------------------------------------------|------|
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0°-30' | | LIST OF MATERIAL | | | | |
| MATERIAL BRASS | | FINAL APPROVAL | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK HUB, ROTOR | |
| HALF-HARD | | MECH. DES. | | | | |
| FINISH NONE | | ELECT. DES. | | | | |
| | | CHECKED | | | | |
| | | DRAWN | | | | |
| NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time. | | DATE | 11/22/73 | | | |
| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE | | | |
| A | 82679 | PM1564 | Ø | | | |
| SCALE | | | SHEET | OF | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | AX5176 | AX5177 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | |



| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------|-----------------|---------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | | | |
| LIST OF MATERIAL | | | | |
| MATERIAL BRASS HALF-HARD | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| FINISH NONE | | HUB, SHAFT | | |
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64, ANGLES: 0° .30' TOLS. | | FINAL APPROVAL | DATE | |
| | | MECH. DES. | DATE | |
| | | ELECT. DES. | DATE | |
| | | CHECKED | DATE | |
| | | DRAWN | DATE | |
| NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time. | | SIZE | CODE IDENT. NO. | DWG NO. |
| | | A | 82679 | PM 1566 |
| | | SCALE | SHEET | OF |
| | | | | ISSUE |
| | | | | Ø |

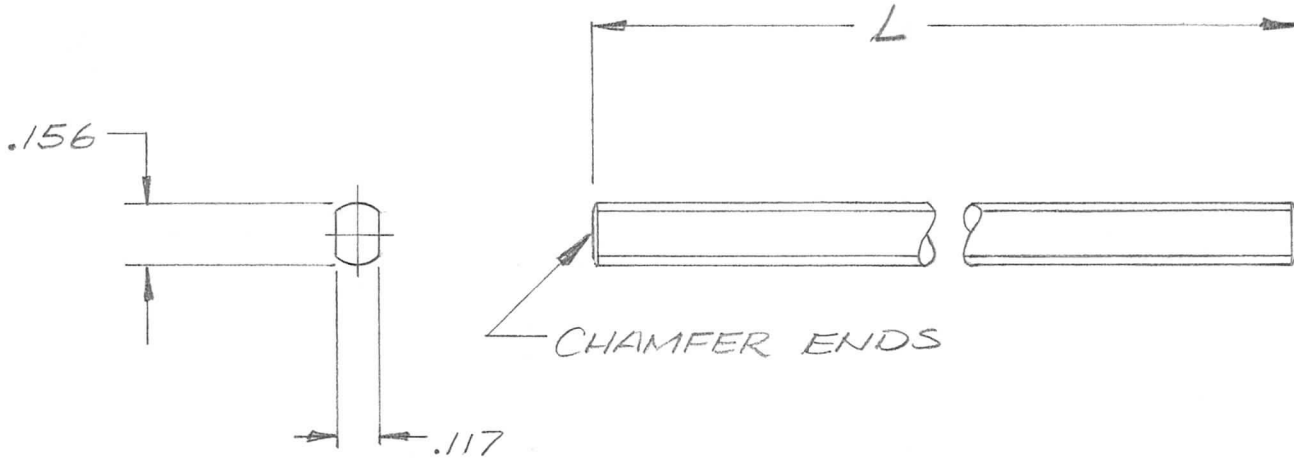
| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|--------------------------------------|----------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | AX5176 | AX5177 | Ø | ORIGINAL RELEASE | 11/30/73 | | DV | | | |
| | AX5176 | | A | .184 ^{+0.000} WAS .250 DIA. | 2-15-77 | 21513 | | WJB. | * | |



| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|----------------------------------------|------|-------------------------------------------------------------|-------------|------|
| LIST OF MATERIAL | | | | | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | | FRACTIONS 1/64 ANGLES 0° .30' | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| MATERIAL #303 STAINLESS STEEL | | FINAL APPROVAL <i>EBB</i> | | DATE 11/18/73 | | |
| FINISH PASSIVATE | | MECH. DES. | | DATE | | |
| | | ELECT. DES. | | DATE | | |
| | | CHECKED <i>[Signature]</i> | | DATE | | |
| | | DRAWN <i>BIM</i> | | DATE 17 MAY 73 | | |
| | | | | HUB, SHAFT DRIVE | | |

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|------------------|---------------------------------|--------------------------|-------------------|
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| SCALE | | | SHEET | | OF | | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|---------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | GPR110 | A4977 | | | | | | | | |
| | | | X1 | CHART ADD, L WAS 4" | 9.27-74 | | GDL | | | |
| | | | 0 | ORIGINAL RELEASE | 1-19-71 | | GDL | | * | |



| TMC P/NO. | DIMENSION "L" |
|-----------|---------------|
| PM1569-1 | 4" |
| PM1569-2 | 5 1/2" |

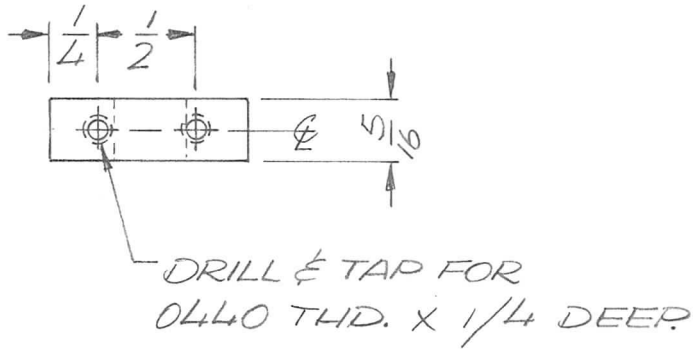
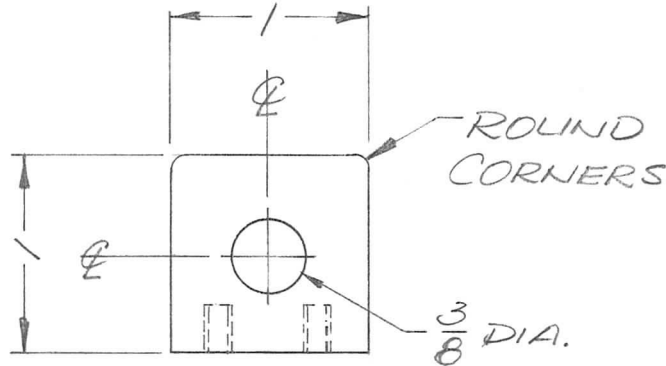
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|--------------------------|------------------------------------------------------|------|
| | | F. BUDETTI | LIST OF MATERIAL | |
| | | FINAL APPROVAL <i>DB</i> | DATE <i>1/16/77</i> | |
| | | MECH. DES. | DATE | |
| | | ELECT. DES. | DATE | |
| | | CHECKED | DATE | |
| | | DRAWN <i>9C</i> | DATE <i>10/18/73</i> | |
| | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| | | | SHAFT, SWITCH | |

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| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
|------------------|-----------------|----------|-------|
| A | 82679 | PM 1569- | 0 |
| SCALE <i>NTS</i> | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|---------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | ATSA-3 | AX5176 | Ø | ORIGINAL RELEASE | 4-10-74 | | DV | | |



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

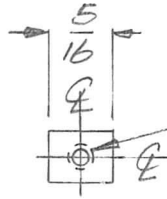
| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|------------------------------------------------------|------|
| | F.B. | | LIST OF MATERIAL | |
| | | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | |
| | | | HUB, LEVER | |

| DECIMALS | FRACTIONS | TOLS. | ANGLES |
|-------------|-----------|-------|----------|
| .X ± .05 | 1/64 | | |
| .XX ± .01 | | | 0° - 30' |
| .XXX ± .005 | | | |

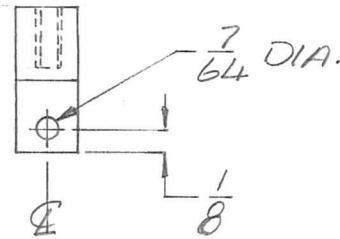
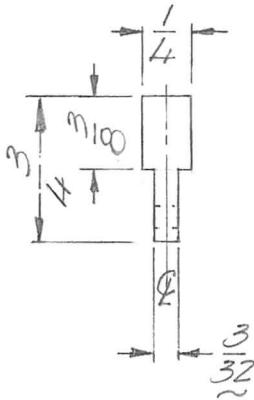
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| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
|-------|-----------------|---------|-------|
| A | 82679 | PM 1575 | Ø |
| SCALE | 1:1 | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | ATSA-3 | AX5176 | Ø | ORIGINAL RELEASE | 4-10-74 | | DV | | | |



DRILL & TAP FOR
0632 THD x 5/16 DEEP



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
AND INCLUDE CHEMICALLY APPLIED
OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

F.B. LIST OF MATERIAL

DECIMALS FRACTIONS
.X ± .05 1/64
.XX ± .01 TOLS. ANGLES
.XXX ± .005 0° - 30'

| | |
|----------------|------|
| FINAL APPROVAL | DATE |
| MECH. DES. | DATE |
| ELECT. DES. | DATE |
| CHECKED | DATE |
| DRAWN | DATE |

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

BLOCK, SWIVEL

MATERIAL
BRASS

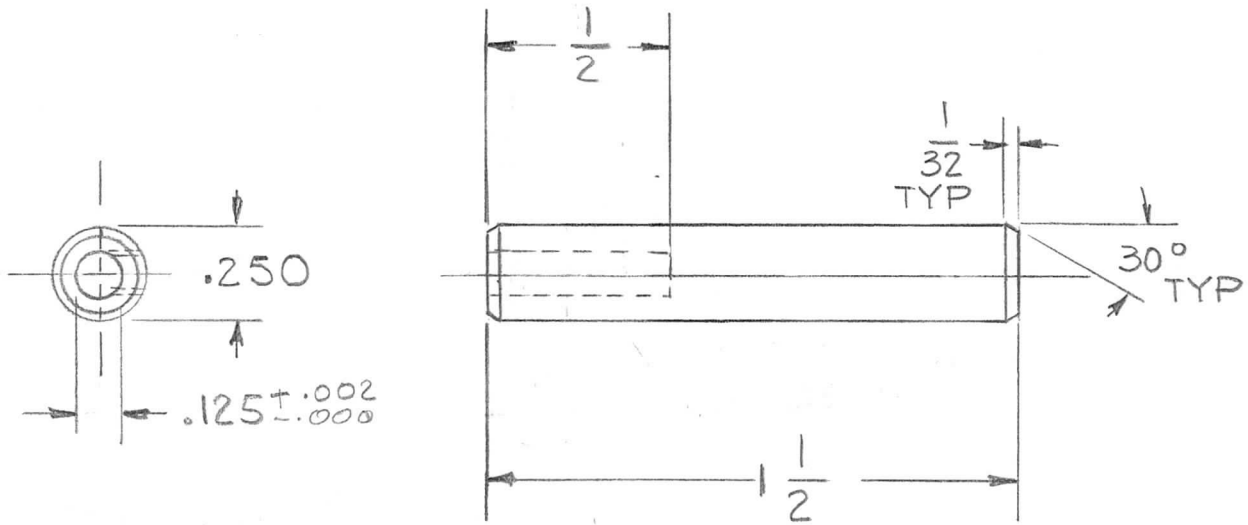
FINISH
NATURAL

DRAWN
9E

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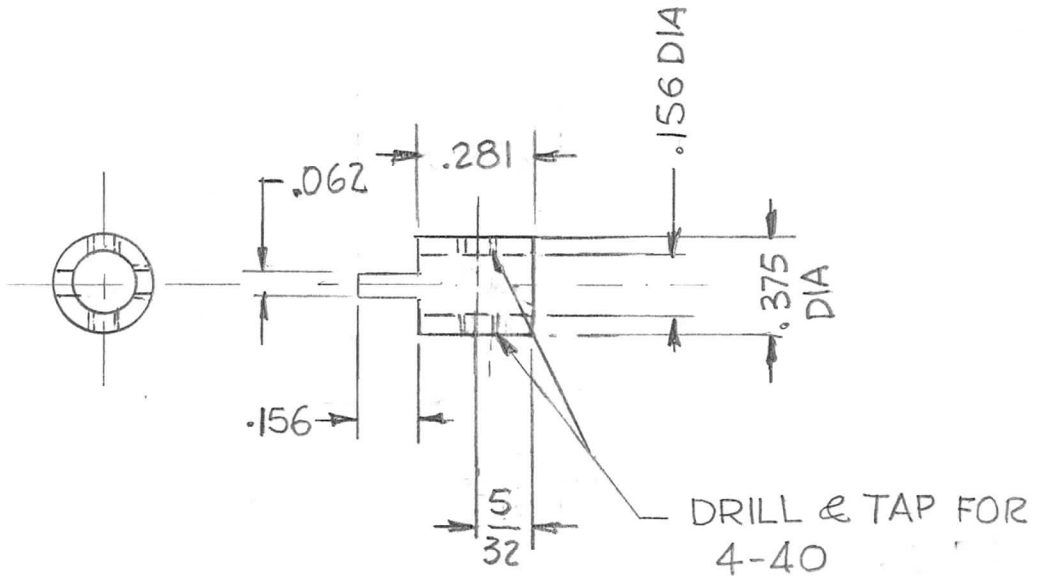
| | | | |
|--------------|--------------------------|--------------------|------------|
| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM 1576 | ISSUE Ø |
| SCALE 1:1 | SHEET | | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|-----------------------|----------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TMA-1K | AX782 | X | EXP. RELEASE | | | | | |
| | | | X1 | DIM 1 1/2 WAS 1 3/8 | 11-23-74 | | | | |
| | | | X2 | SLOT + TAP DELETED | 2-25-75 | | F.I. | | |
| | | | Ø | ORIG RELEASE FOR PROD | 3/13/75 | | CL. | | |



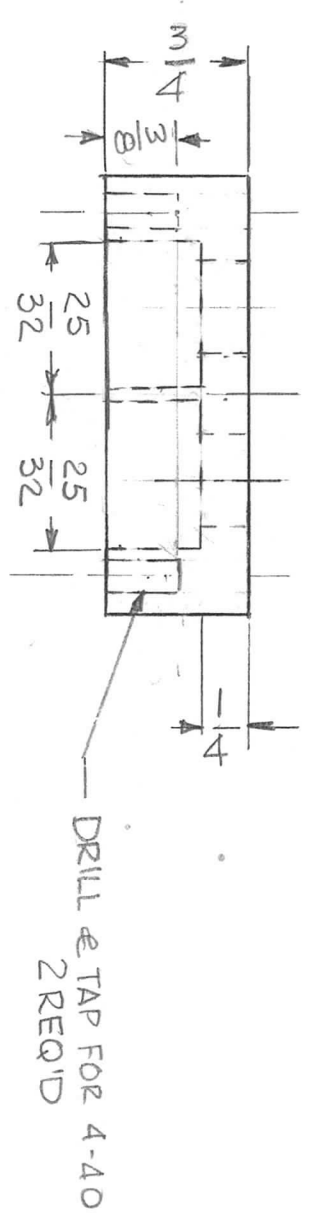
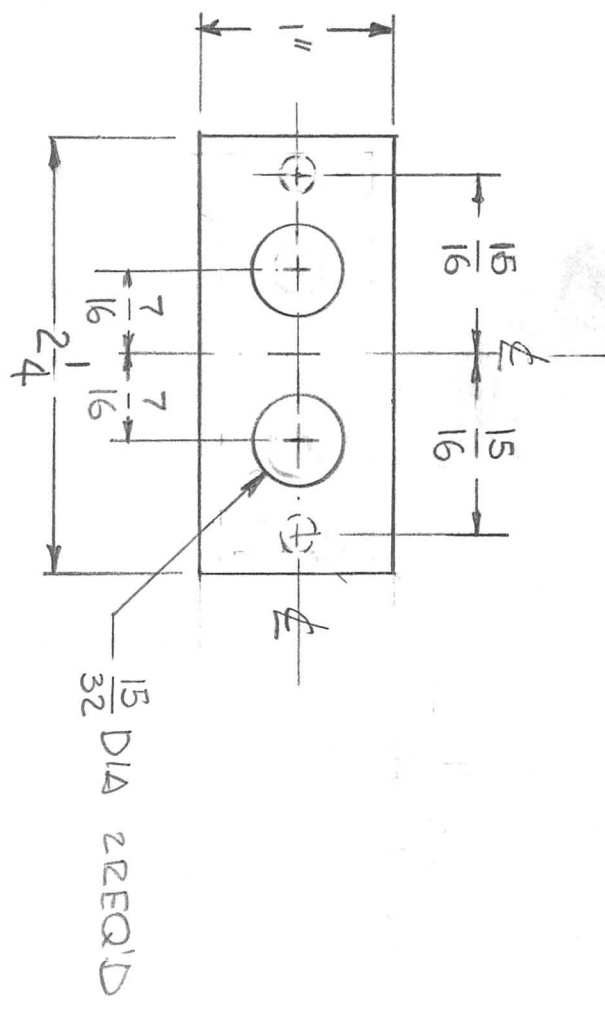
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|------|-------------------------------------------------------------|---------------------------------|---------------------------|-------------------|
| LIST OF MATERIAL | | | | | | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 TOLS. 1/64 ANGLES 0° - 30' | | FINAL APPROVAL <i>[Signature]</i> DATE 3/13/75 | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | | |
| MATERIAL STAINLESS STEEL | | MECH. DES. F. IANNUZZI DATE 2-25-75 | | SHAFT, MOTOR | | | |
| FINISH NATURAL | | ELECT. DES. DATE | | | | | |
| | | CHECKED F. IANNUZZI DATE 12-14-74 | | | | | |
| | | DRAWN G. De L... DATE 5-6-74 | | | | | |
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| | | | | SCALE 2:1 | SHEET OF | | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|--------------------------------------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | GPR 110 | | X1 | .281 WAS .375, 5/32 WAS 3/16 ONE TAP HOLE ADD | 8-30-74 | | | GDL | | |
| | | | X2 | DRILL & TAP HOLES WERE AT 45° | | | | | | |
| | | | | Ø Original Release | 1-19-77 | | | GDL | * | |



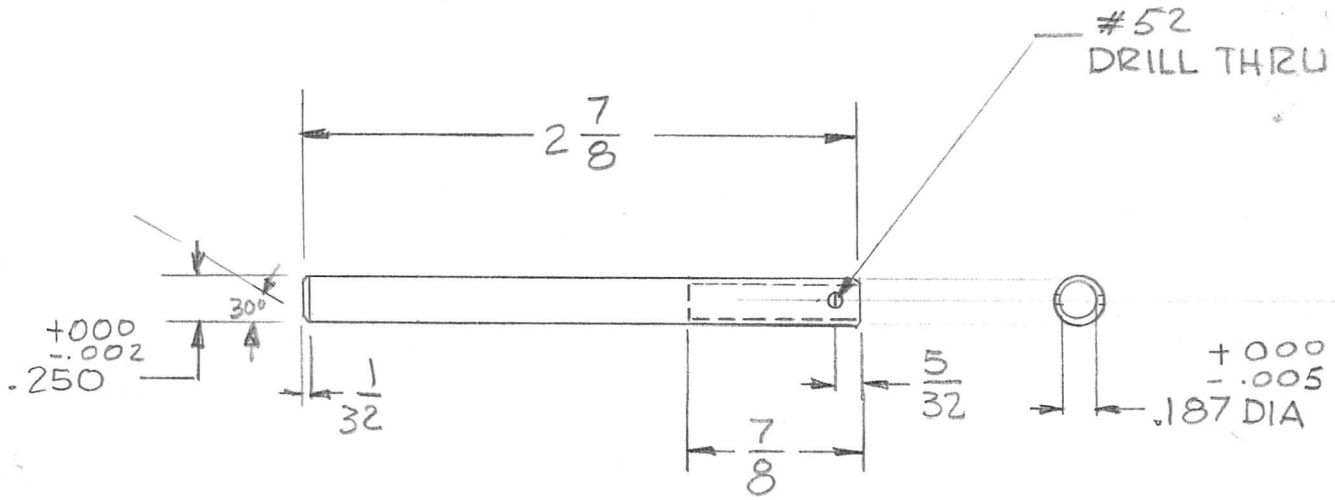
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|------|------------------------------------------------------|--------------------------|--------------------|
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 FRACTIONS 1/64 ANGLES 0° - 30' | | LIST OF MATERIAL | | | | |
| MATERIAL STAINLESS STEEL | | FINAL APPROVAL | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | |
| FINISH NATURAL | | MECH. DES. | DATE | SHAFT COUPLING | | |
| | | ELECT. DES. | DATE | | | |
| | | CHECKED | DATE | | | |
| | | DRAWN | DATE | | | |
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| | | | | SCALE 2:1 | SHEET | OF |

| | | | |
|---------------|----------|-------------------|---------|
| REQ. PER UNIT | MODEL | USED ON | DATE |
| 1 | APP. 110 | ASSY. NO. KIT 404 | |
| | | | PM 1580 |



| | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------|--|------------------------------|--|---------------|--|-------------------|--|-----------------|--|------------------------------------------------------|--|----------------|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | SCALE | | DATE | | CH. NO. | | DRAFTS | | CHECKER | | ENG. APP. | |
| TOLERANCES | | FRACTIONS | | CODE | | | | | | | | | |
| .X ± .05 .XX ± .01 .XXX ± .005 | | ± 1/64 ANGLES ± 0° 30' | | | | | | | | | | | |
| SYM | | DESCRIPTION | | REQ. ITEM | | PART NO. | | DESCRIPTION | | SYMBOL | | | |
| Ø | | ORIG REL PROD | | 5-20-X | | | | STOCK SIZE | | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK | | | |
| X | | EXP. RELEASE | | | | SP | | 3/4 THK ALY | | BRACKET, SWITCH | | | |
| DECIMALS | | FRACTIONS | | TYPE & TEMPER | | HEAT TREAT. SPEC. | | DRAWN | | CHECKED | | FINAL APPROVAL | |
| .X ± .05 .XX ± .01 .XXX ± .005 | | ± 1/64 ANGLES ± 0° 30' | | 2024 / T4 | | G.D.C. | | G.D.C. | | G.D.C. | | PM 1580 | |
| TOLERANCES | | FRACTIONS | | BLACK MATTE | | ELEC. DES. APP. | | MECH. DES. APP. | | MECH. DES. APP. | | PM 1580 | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|---------------------------|------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | TLAA-1K | | X | EXPER RELEASE | | | | | | |
| | | | Ø | ORIGINAL RELEASE FOR PROD | 8/76 | | CL | | | |



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005
 FRACTIONS: 1/64
 TOLS. ANGLES: 0° - 30°

MATERIAL: STAINLESS STEEL

FINISH: NATURAL

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-------------|------|
|-------|------|-------------|-------------|------|

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

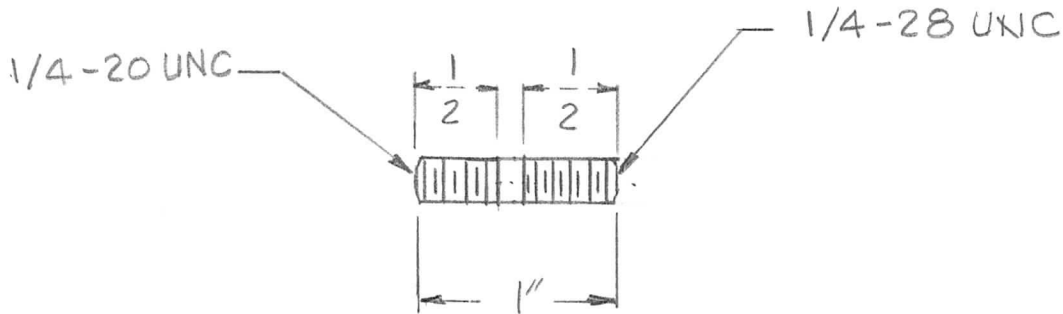
SHAFT, EXTENSION

| | |
|------------------|------|
| FINAL APPROVAL | DATE |
| MECH. DES. | DATE |
| ELECT. DES. | DATE |
| CHECKED | DATE |
| DRAWN G. DELUCIA | DATE |

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| | | | |
|-------|-----------------|---------|-------|
| SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
| A | 82679 | PM 1582 | Ø |
| SCALE | 1:1 | SHEET | OF |

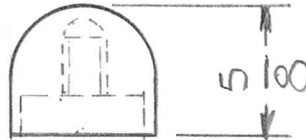
| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | HFTA-10K | | X | EXP. RELEASE | | | | | | |
| | | | Ø | ORIGINAL RELEASE | 9-26-80 | H | dw | | | |



OBsolete
 USE ONLY FOR
 SPARE PARTS
 (SEE AX5218)

| | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------|-------------|-----------------------------------------------------------------------------------------|---------|-------|
| <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES</small> <small>DECIMALS .X ± .05 .XX ± .01 .XXX ± .005</small> <small>FRACTIONS 1/64 ANGLES 0° .30'</small> MATERIAL 1/2 H BRASS FINISH | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. | | |
| | LIST OF MATERIAL | | | | | | |
| | FINAL APPROVAL | | | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK ROD, THREADED | | |
| | MECH. DES. | | | DATE | | | |
| | ELECT. DES. | | | DATE | | | |
| CHECKED | | | DATE | | | | |
| | DRAWN | | | DATE | | | |
| <small>NOTICE TO PERSONS RECEIVING THIS DRAWING</small> <small>THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</small> | | | | SIZE | CODE IDENT. NO. | DWG NO. | ISSUE |
| | | | | A | 82679 | PM1585 | Ø |
| | | | | SCALE | 1:1 | SHEET | OF |

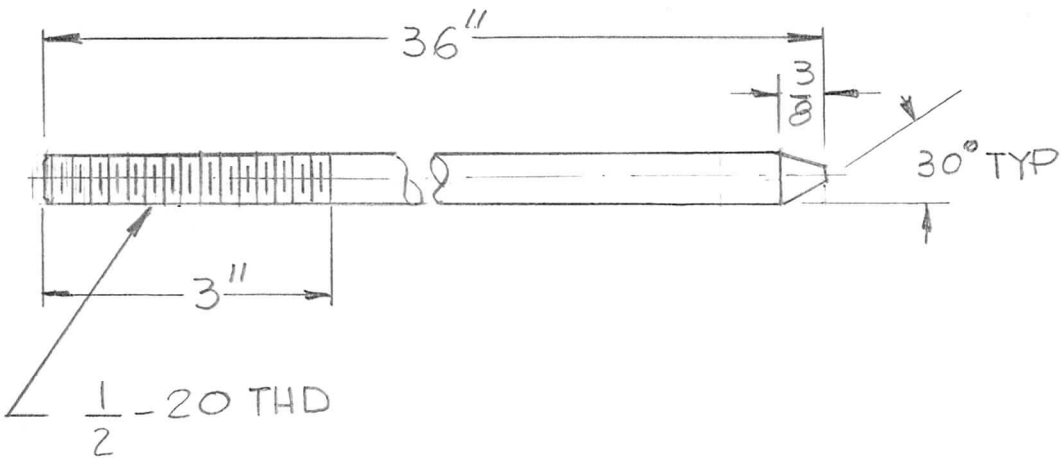
| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|--------------|---------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | SYM 5203 | | Ø | EXP. RELEASE | 1-10-77 | | | | X |



NOTE:
MODIFY NT 141-2 AS SHOWN

| | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|-------------|-------------|---------|
| <small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES</small> DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64 TOLS.: ANGLES 0° -30' MATERIAL: SEE NOTE FINISH: | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
| | LIST OF MATERIAL | | | | |
| | FINAL APPROVAL | G.D.B. | | DATE | 7/10/77 |
| | MECH. DES. | | | DATE | |
| ELECT. DES. | | | DATE | | |
| CHECKED | J. Reed | | DATE | 6-26-75 | |
| DRAWN | G.D.L. | | DATE | 9-10-75 | |
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK STACKING, FOOT | | | | | |
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| | | | | A | Ø |
| | | CODE IDENT. NO. | DWG NO. | | |
| | | 82679 | PM1587 | | |
| SCALE 1:1 | | | SHEET | | OF |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|---------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 6 | VAS-2D | | Ø | EXPER RELEASE | 1-10-77 | | | | * | |

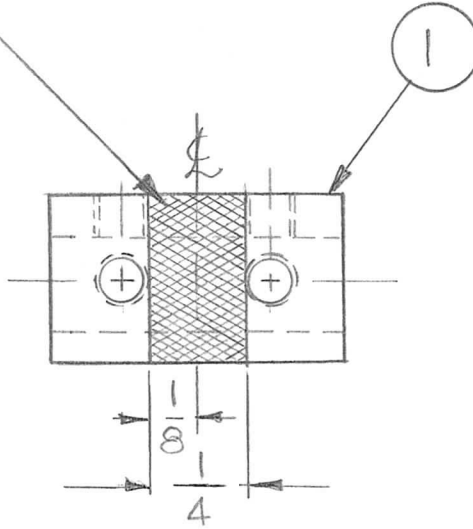


| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|---------------------|-------------|----------------------------------------------------------------------------------------|------|
| LIST OF MATERIAL | | | | | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 TOLS. | FRACTIONS 1/64 ANGLES 0° - 30' | FINAL APPROVAL <i>528</i> | | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK <u>ROD, SUPPORT</u> | |
| MATERIAL <i>1/2 DIA COPPER WELD</i> | | MECH. DES. | DATE | | | |
| FINISH | | ELECT. DES. | DATE | | | |
| | | CHECKED | DATE | | | |
| | | DRAWN <i>G. DeLUCA</i> | DATE <i>9-23-75</i> | | | |

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------|-----------------|---------|-------|
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| | | | | A | 82679 | PM 1588 | Ø |
| | | | | SCALE | NONE | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | ATSA-3 | AX5178 | Ø | ORIGINAL RELEASE | 1-10-77 | ~ | | | * | |

KNURL .015 APPROX DEEP

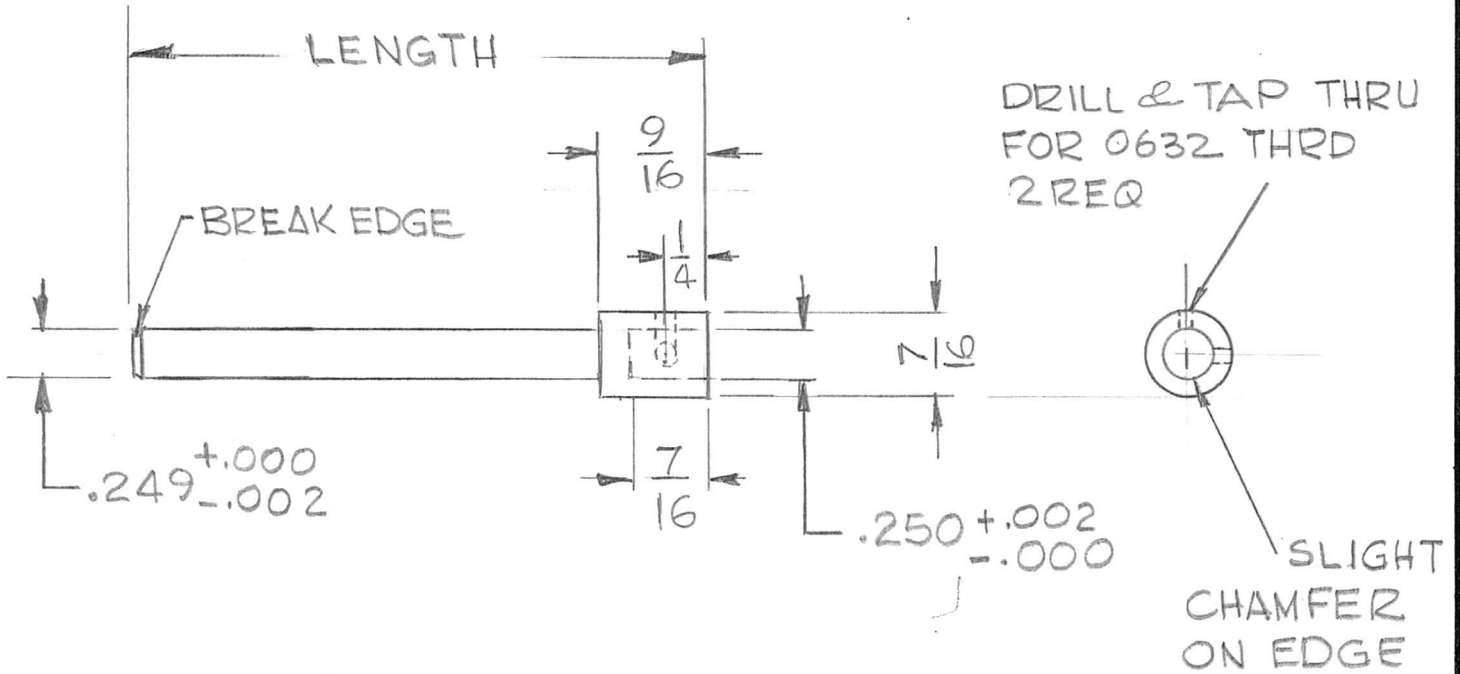


| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|-------------|-----------------|------|
| 1 | 1 | MC102 | COUPLING, SHAFT | |

| LIST OF MATERIAL | | | |
|----------------------------------------------------------------------------------------|--|---------|--|
| FINAL APPROVAL | | DATE | |
| MECH. DES. | | DATE | |
| ELECT. DES. | | DATE | |
| CHECKED | | DATE | |
| DRAWN | | DATE | |
| G.D.L. | | 7-15-76 | |
| THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK BUSHING, GEAR SHAFT | | | |

| | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------|------------------|---------------------------------|--------------------------|-------------------|
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| SCALE 2:1 | | | SHEET OF | | | | |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|------------------|--------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 1 | TLAA-1K | | Ø | ORIGINAL RELEASE | 1-1077 | ~ | | | * |

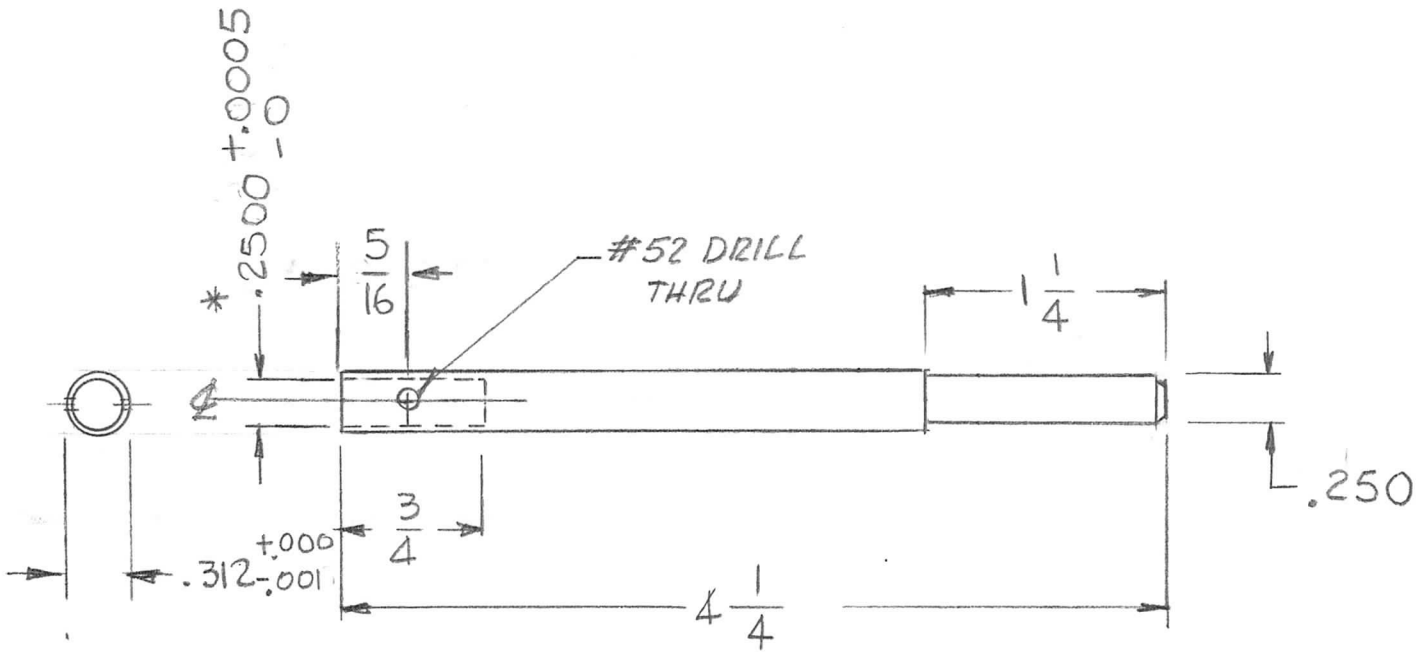


PM 1590 - 3.000

BASIC P/N LENGTH

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|-------|-----------------|----------------------------------------------------------------------------------------|--------------------|------------|
| LIST OF MATERIAL | | | | | | | |
| DECIMALS .X ± .05 .XX ± .01 .XXX ± .005 | FRACTIONS 1/64 ANGLES 0° - 30' | FINAL APPROVAL <i>g.d.</i> | | DATE 1/18/72 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT ROTARY | | |
| MATERIAL # 303 ST-STEEL | | MECH. DES. | DATE | | | | |
| FINISH NONE | | ELECT. DES. | DATE | | | | |
| | | CHECKED | DATE | | | | |
| | | DRAWN <i>g.d.</i> | DATE | | | | |
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| SCALE 1:1 | | | SHEET | | OF | | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|----------------------|----------|----------|-------|------|--------------------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| | HFTA-10K | 45660 | X | REV TOLERANCE ON QD. | 12-29-77 | | PH | | <i>[Signature]</i> | |
| | HFTA-10K | | Ø | ORIGINAL RELEASE | 9-26-80 | | du | | | |



* DIA SHALL BE CONCENTRIC WITHIN .003 T.I.R

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

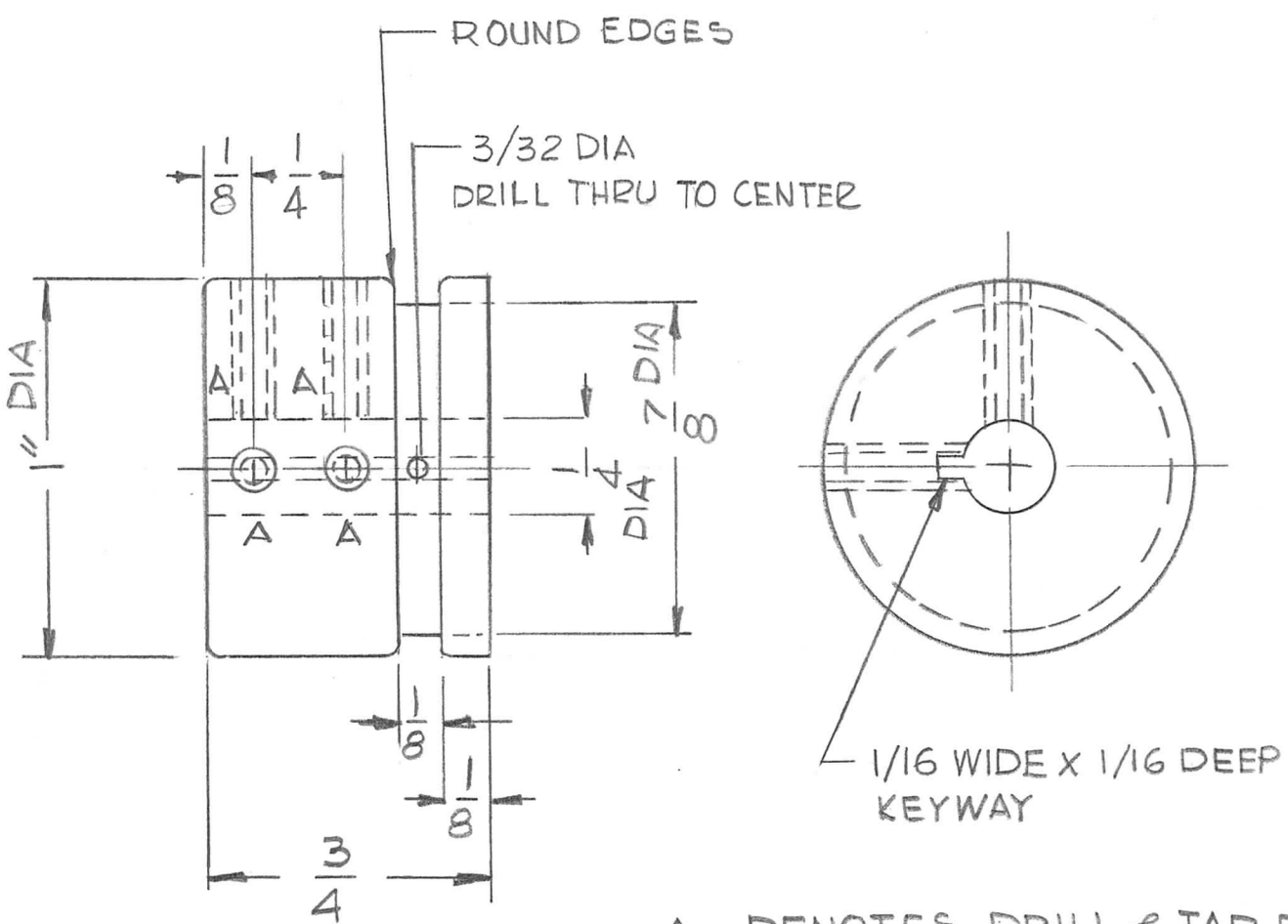
DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005
FRACTIONS: 1/64
TOLS. ANGLES: 0° - 30'

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-----------------------------------|------|--------------|---------------|--------------------------------------------------------------------------------------------|
| LIST OF MATERIAL | | | | |
| FINAL APPROVAL <i>[Signature]</i> | | | DATE 12/26/80 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK EXTENSION, SHAFT |
| MATERIAL S. STEEL | | MECH. DES. | DATE | |
| FINISH # 303 | | ELECT. DES. | DATE | |
| S104 PASSIVATE | | CHECKED | DATE | |
| | | DRAWN G.D.L. | DATE 1-17-77 | |

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| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM 1591 | ISSUE <i>[Signature]</i> |
| SCALE 1:1 | SHEET OF | | |

| APPLICATION | | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----|------------------|---------|----------|-----------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | HFTA-10K | AX 521B | (1) | ORIGINAL RELEASE | 9-22-80 | <i>m</i> | <i>dw</i> | | | |

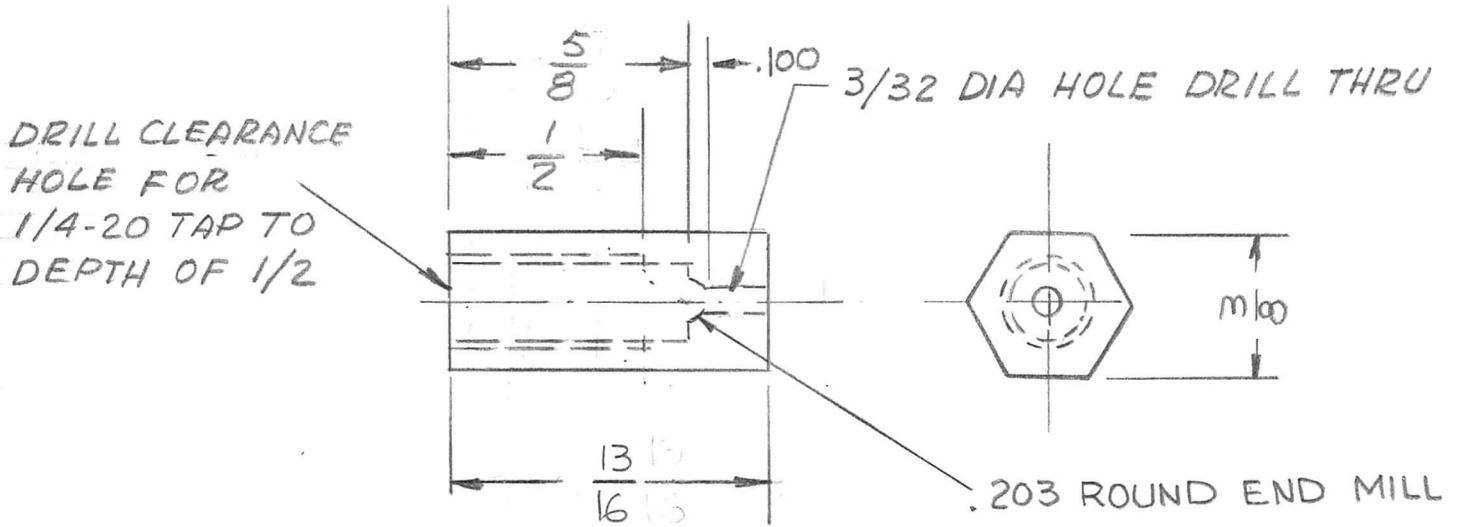


A - DENOTES DRILL & TAP FOR
.0632 THD. TO CENTER
(4REQ)

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | | REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------------------------------------------------------------------------------------------------------|--|---------------------------|------|---------------------|----------------------------------------------------------------------------------|------|
| LIST OF MATERIAL | | | | | | |
| DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005 FRACTIONS: 1/64 TOLS. ANGLES: 0° - 30° | | FINAL APPROVAL <i>OXB</i> | | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK PULLEY | |
| MATERIAL BRASS | | MECH. DES. | | DATE | | |
| FINISH | | ELECT. DES. | | DATE | | |
| | | CHECKED | | DATE | | |
| | | DRAWN <i>G.D.L.</i> | | DATE <i>1-17-77</i> | | |

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| SCALE | | | SHEET | | OF | | |

| APPLICATION | | | REVISIONS | | | | | | | |
|-------------|---------------|-----------|-----------|---------------------------------|---------|----------|-------|------|------|--|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD | |
| 1 | HFTA-10K | | Ø | ORIGINAL RELEASE FOR PRODUCTION | 9-26-58 | | dw | | | |



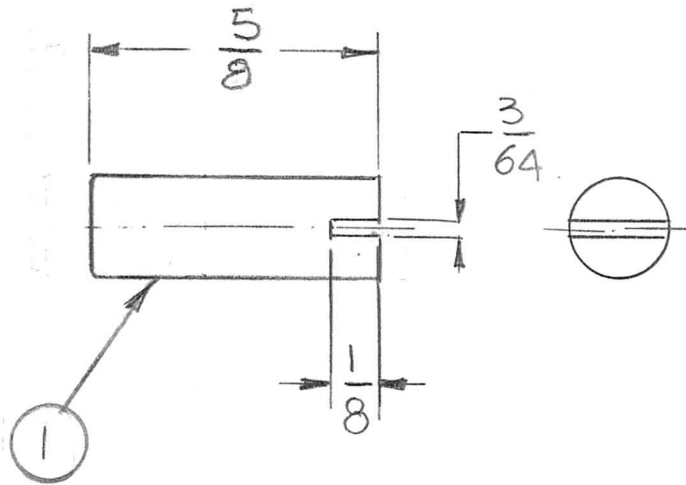
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|---------------------------|------|------------------|---------------|---------------------------------------------------------------------------------------|
| LIST OF MATERIAL | | | | |
| FINAL APPROVAL <i>sjb</i> | | | DATE 10-26-60 | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK WIRE HOLDER |
| MATERIAL BRASS | | MECH. DES. | DATE | |
| FINISH NATURAL | | ELECT. DES. | DATE | |
| | | CHECKED | DATE | |
| | | DRAWN <i>GDL</i> | DATE 1-24-77 | |

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| SIZE A | CODE IDENT. NO. 82679 | DWG NO. PM 1593 | ISSUE Ø |
| SCALE 2:1 | | SHEET | OF |

| APPLICATION | | | REVISIONS | | | | | | |
|-------------|---------------|-----------|-----------|---------------------------------|---------|----------|-------|------|------|
| QTY | MODEL USED ON | ASS'Y NO. | LTR | DESCRIPTION | DATE | E.M.N.NO | DRAFT | CHKD | APPD |
| 4 | ATU-1KC | | XI | DIM. 5/8 WAS 3/4 | 9-29-77 | | G.D.L | | |
| 8 | ATU-1K(8) | | Ø | ORIGINAL RELEASE FOR PRODUCTION | 1-17-78 | | PH | | |



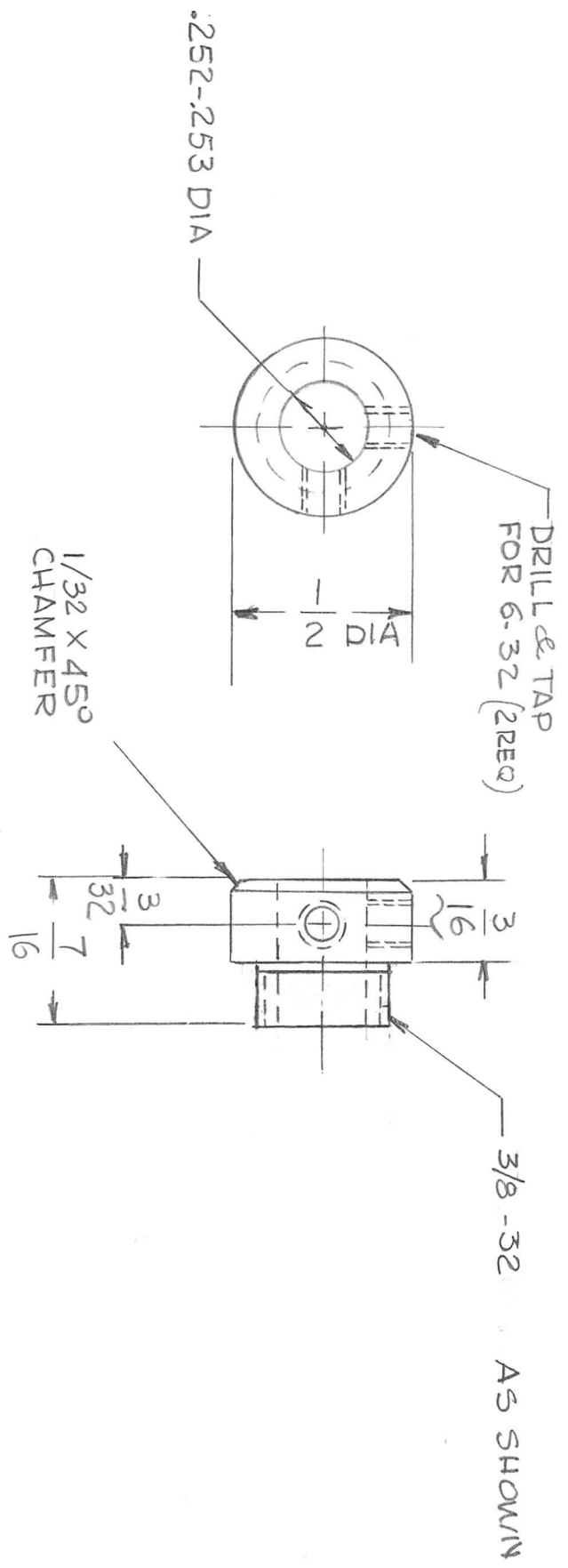
| REQ'D | ITEM | PART NUMBER | DESCRIPTION | SYM. |
|-------|------|--------------|----------------|------|
| 1 | 1 | PM69IRF4375E | SHAFT. 1/4 DIA | |

| LIST OF MATERIAL | | | |
|-----------------------------------------------------------------------------------------------------------|----------------|------|------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | FINAL APPROVAL | DATE | THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK SHAFT, CAP. ADJ |
| DECIMALS FRACTIONS .X ± .05 TOLS. 1/64 .XX ± .01 ANGLES .XXX ± .005 0° -30' | MECH. DES. | DATE | |
| MATERIAL | ELECT. DES. | DATE | |
| FINISH | CHECKED | DATE | |
| | DRAWN | DATE | |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------|---------|-------|
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| | A | 82679 | PM1594 | Ø |
| SCALE 2:1 | | SHEET | | OF |

| | | | | |
|---------------|---------|-----------|--------|---------|
| REQ. PER UNIT | MODEL | USED ON | DATE | PM 1597 |
| 7 | MMXR-2B | ASSY. NO. | 9-9-77 | X2 |

CHGR



MATES WITH LD2146

| 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 | |
|--------------------|--------------|----------------|--------|------------------------------------------------------------------------------------------------------------------------------------|-----------|
| ORIGINAL RELEASE | 6-5-78 | GDL | WJB | * | |
| CHANGES | 12-1-77 | TCH | | | |
| ISSUE ITEM | DATE | CH. NO. | DRAFTS | CHECKER | ENG. APP. |
| TOLERANCES | | | | | |
| MATERIAL | | | | | |
| STAINLESS STEEL | | | | | |
| 303 | | | | | |
| HEAT TREAT. SPEC. | | | | | |
| S104-PASSIVATE | | | | | |
| FINISH & SPEC. NO. | | | | | |
| DRAWN | | | | | |
| GDL | | | | | |
| CHECKED | | | | | |
| OJB | | | | | |
| FINAL APPROVAL | | | | | |
| * OJB | | | | | |
| PM/1597 | | | | | |
| Φ | | | | | |