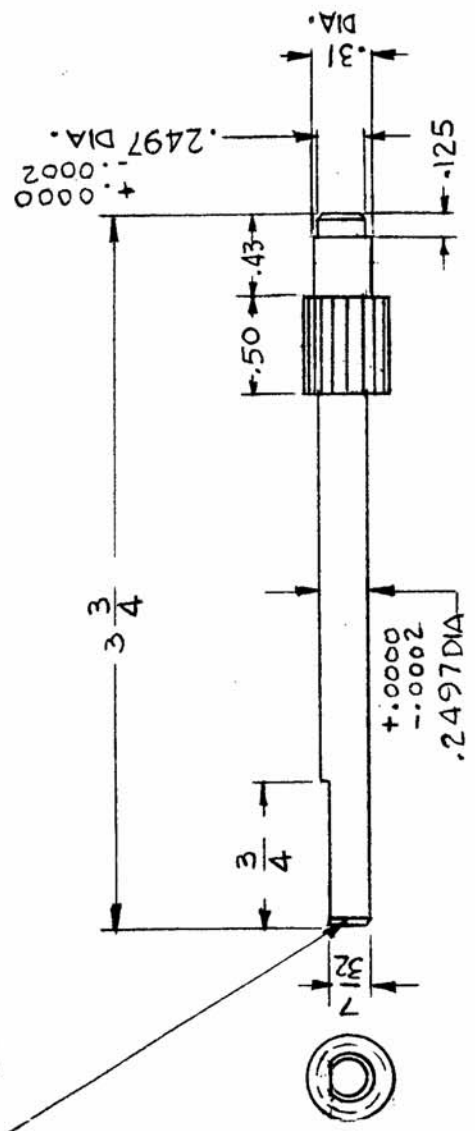


REQ. UNIT USED ON
 1 CH GR-3 A4174 ASSY. NO. DATE
 1-28-65 GR219 A

.01 X 45° CHAMFER
 (BOTH ENDS)



| GEAR DATA | |
|----------------|-------|
| PITCH | 48 |
| NO OF TEETH | 20 |
| PITCH DIA. | .4166 |
| O. D. | .4583 |
| PRESSURE ANGLE | 20° |

| REQ. ITEM | PART NO. | DESCRIPTION | SYMBOL |
|-----------|----------|---|--------|
| | | STAINLESS STEEL | |
| | | MATERIAL | |
| | | #416 HARDEN TO 28-32 ROCKWELL HARDNESS | |
| | | TYPE & TEMPER HEAT TREAT. SPEC. | |
| | | CLEAR PASSIVATED | |
| | | FINISH & SPEC. NO. | |
| | | STOCK SIZE | |
| | | THE TECHNICAL MATERIEL CORP. MAMARONECK. NEW YORK | |
| | | PINION SHAFT | |
| | | G.D.L | |
| | | DRAWN | |
| | | CHECKED | |
| | | FINAL APPROVAL | |
| | | GR219 A | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | SCALE | |
| | | 1:1 | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |
| | | DRAFTS | |
| | | NLA | |
| | | G.D.L | |
| | | CHECKER | |
| | | ENG. APP. | |
| | | DESCRIPTION | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES | |
| | | FRACTIONS ± 1/64 ANGLES ± 0° 30' | |
| | | TOLERANCES | |
| | | DECIMALS | |
| | | .X ± .05 | |
| | | .XX ± .01 | |
| | | .XXX ± .005 | |
| | | CODE | |
| | | C | |
| | | ORIGINAL RELEASE FOR PRODUCTION | |
| | | 3-16-67 | |
| | | 4-9-65 | |
| | | 17983 | |
| | | L.R.K. | |
| | | G.P.S. | |
| | | DATE | |
| | | 4-1-65 | |
| | | CH. NO. | |
| | | 17983 | |