



NOTES, UNLESS OTHERWISE SPECIFIED

1. REMOVE BURRS AND BREAK SHARP EDGES
2. ONE DECIMAL TOLERANCE ± 0.8 MM
3. INSIDE CORNER RADIUS OPTIONAL UP TO 2 MM
4. MATERIAL: AL ALY 7075-T7351
5. THIS IS A LIMITED IMENSION DRAWING. SEE MODEL FOR DIMENSIONS NOT SHOWN
6. ALL PARTS INCLUDING SINGLE PROTOTYPES SHALL BE MADE USING THE SAME METHODS WHICH WOULD BE USED FOR QUANTITIES OF 750 PARTS
7. MACHINE 3 PRECISION DIAS IN SAME SET UP TO MAXIMIZE PARALLELISM HOLE TO HOLE. PARALLELISM IS MORE CRITICAL THAN CENTER DISTANCE
8. ALTERNATE MATERIAL 6061-T6 OR CAST MATL IS ACCEPTABLE IF TAPPED HOLES ARE REPLACED WITH HELICOIL OR OTHER INSERT
9. PART SAME AS LOWER LINK -103 EXCEPT AS SHOWN

PROPRIETARY AND CONFIDENTIAL
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| METRIC | | UNLESS OTHERWISE SPECIFIED: | | | NAME | | DATE | TMT TMT OBSERVATORY CORPORATION 2632 E. Washington Blvd. Pasadena, CA 91107 | | |
|------------------------|--|---|--|--|-----------|--|------|--|----------|--------------|
| THIRD ANGLE PROJECTION | | DIMENSIONS ARE IN MILLIMETERS | | | DRAWN | | | TITLE: | | |
| | | TOLERANCES: | | | CHECKED | | | UPPER ARM | | |
| | | ANGULAR: MACH $\pm 0.5^\circ$ | | | ENG APPR. | | | | | |
| | | TWO PLACE DECIMAL ± 0.2 | | | MFG APPR. | | | | | |
| | | THREE PLACE DECIMAL ± 0.08 | | | Q.A. | | | | | |
| | | INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M-1994 | | | | | | SIZE | DWG. NO. | REV |
| | | MATERIAL | | | | | | B | | |
| | | AL ALY 7075 T7351 | | | | | | | | |
| | | FINISH | | | | | | | | |
| | | MIL-C-5541 STRAW | | | | | | | | |
| | | APPLICATION | | | | | | SCALE: 1:2 | WEIGHT: | SHEET 1 OF 1 |
| | | DO NOT SCALE DRAWING | | | | | | | | |