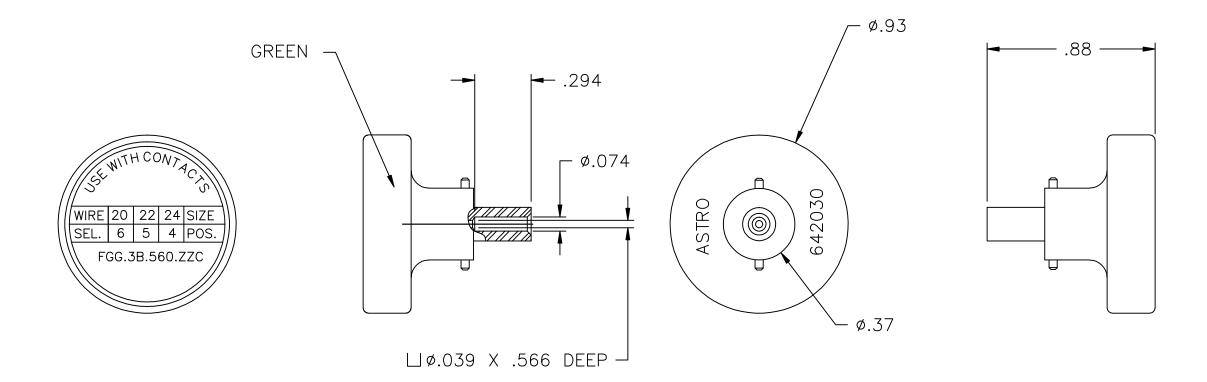
## **UNCONTROLLED DOCUMENT WILL NOT BE UPDATED**



2. USE WITH 616336 (M22520/7-01) TOOL FRAME.

1. THIS IS AN AUTOCAD DRAWING, DO NOT CHANGE MANUALLY. NOTES:

| А    | NEW RELEASE | DYO | 04-30-12 | MMK  | 0 F C V A |
|------|-------------|-----|----------|------|-----------|
| REV. | DESCRIPTION | BY  | DATE     | APR. | 1         |

| OTHER DATA ARE AND REMAIN, THE PROPERTY OF ASTRO TOOL CORP. AND MUST BE RETURNED UPON REQUEST. THEY CONTAIN INFORMATION OWNED AND/OR DEVELOPED BY ASTRO AT ITS OWN PRIVATE EXPENSE AND MAY NOT BE USED, DATE:  UNLESS OTHERV SPECIFIED: DWN BY: DYO  XXX ± .005 .XX ± .005 .XX ± .010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                                       |           |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------|-----------|---------------|
| PROPERTY OF ASTRO TOOL CORP. AND MUST BE RETURNED UPON REQUEST. THEY CONTAIN INFORMATION OWNED AND/OR DEVELOPED BY ASTRO AT ITS OWN PRIVATE EXPENSE AND MAY NOT BE USED, WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL    NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | THESE DRAWINGS, SPECIFICATIONS OR     | SCALE:    |               |
| MUST BE RETURNED UPON REQUEST. THEY CONTAIN INFORMATION OWNED AND/OR DEVELOPED BY ASTRO AT ITS OWN PRIVATE EXPENSE AND MAY NOT BE USED, WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  SPECIFICE:  DWN BY: DWN BY: DXXX ± .005  .XXX ± .005  .XX ± .016  .XX ± .016  .XX ± .036  .XX ± .040  .X |        | OTHER DATA ARE AND REMAIN, THE        | NTC       | UNLESS OTHERW |
| CONTAIN INFORMATION OWNED AND/OR DEVELOPED BY ASTRO AT ITS OWN PRIVATE EXPENSE AND MAY NOT BE USED, UPLICATED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  CONTAIN INFORMATION OWNED AND/OR DYO  AXX ± .009  AV ± .001  APPROVED:  APPROVED: ± 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | PROPERTY OF ASTRO TOOL CORP. AND      | 14.1.3.   | SPECIFIED:    |
| CONTAIN INFORMATION OWNED AND/OR DEVELOPED BY ASTRO AT ITS OWN PRIVATE EXPENSE AND MAY NOT BE USED, DUPLICATED OR DISCLOSED TO OTHERS, IN MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  CONTAIN INFORMATION OWNED AND/OR  AXX ± .005  ANGLES:  ANGLES:  1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        | MUST BE RETURNED UPON REQUEST. THEY   | DWN BY:   | DECIMALS:     |
| PRIVATE EXPENSE AND MAY NOT BE USED, DATE:  UPLICATED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  """. XX ± .030  "". XX ± .030  "" |        | CONTAIN INFORMATION OWNED AND/OR      | DAU       |               |
| DUPLICATED OR DISCLOSED TO OTHERS, IN WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  DUPLICATED OR DISCLOSED TO OTHERS, IN 04-30-12 X ± .030 ANGLES: 4.030 ANGLES: ± .030 ANGLES: ± .030 ANGLES: ± .030 ANGLES: ANGLES: X ± .030 ANGLES:                                                                                                                                                                                                                                                                                                                                                             | $\neg$ | DEVELOPED BY ASTRO AT ITS OWN         | ים        | .XXX ± .005   |
| WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  4 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | PRIVATE EXPENSE AND MAY NOT BE USED,  | DATE:     | .XX ± .010    |
| WHOLE OR IN PART FOR DESIGN, MANUFACTURE OR PROCUREMENT WITHOUT THE WRITTEN PERMISSION OF ASTRO TOOL  4 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ᆔ      | DUPLICATED OR DISCLOSED TO OTHERS, IN | 04-30-12  | .X + .030     |
| THE WRITTEN PERMISSION OF ASTRO TOOL ± 1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ını    | WHOLE OR IN PART FOR DESIGN,          |           | -             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        | MANUFACTURE OR PROCUREMENT WITHOUT    | APPROVED: | ANGLES:       |
| CORP. EACH AND EVERY TIME.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | THE WRITTEN PERMISSION OF ASTRO TOOL  |           | ± 1°          |
| ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ٠ ا    | CORP. EACH AND EVERY TIME.            |           |               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |                                       |           |               |

| SE |              | ASTRO TOOL CORP.                        |
|----|--------------|-----------------------------------------|
|    | 21615 S.W. T | UALATIN VALLEY HWY., BEAVERTON OR 97006 |
|    | DESCRIPTION: | ENVELOPE DRAWING: 6                     |
|    |              | POSITIONER ASSEMBLY                     |

| DESCRIPTION: | ENVELOPE POSITIONE |   |        | 30     |
|--------------|--------------------|---|--------|--------|
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| B | 642030-ENV IPARI NO.

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