Mechanical Clutch

NO BURRS OR SHARP EDGES.
ALL EDGES TO BE BROKEN .015 MIN.
UNLESS OTHERWISE SPECIFIED.

Pawl
Pulley
Kevlar Cable
Detent Pin
Ratchet
Timing Pin
Pawl
Pulley
Kevlar Cable
Detent Pin
Ratchet
Timing Pin

All dimensions are in inches except as noted.

Tolerances unless otherwise specified:

- XX ± .01
- XXX ± .005
- ANGLES ± 0.1°
- BEND RADII

Check Drafted:

Approval:

Class Code:

Title:

Design:

Drawn:

Sheet 1 of 1
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
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<tr>
<td>1</td>
<td>Support Plate</td>
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<td>6</td>
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<td>7</td>
<td>Pin Popper</td>
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<td>8</td>
<td>Pawl</td>
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<td>Pawl Shaft</td>
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<td>10</td>
<td>Support Plate Flat</td>
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<td>11</td>
<td>Pawl Backstop Pin</td>
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<td>12</td>
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<td>17</td>
<td>MMC# 9432K26</td>
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**Mechanical Clutch Bill of Materials**

All dimensions are in inches.

**Tolerances Unless Otherwise Specified**

- XX ± .01
- XXX ± .005

**Angles ± 0.1°**

**Bend Radii**

No burrs or sharp edges. All edges to be broken .015 min. unless otherwise specified.
7075-T6 Aluminum

MATERIAL

ALL DIMENSIONS ARE IN INCHES
TOLERANCES UNLESS OTHERWISE SpecIFIED

BY DATE

XX ± .01
XXX ± .005
ANGLES ± 0.1°
BEND RADIUS

NO BURRS OR SHARP EDGES. ALL EDGES TO BE BROKEN .015 MIN. UNLESS OTHERWISE SPECIFIED.

Support Plate

NO BURRS OR SHARP EDGES. ALL EDGES TO BE BROKEN .015 MIN. UNLESS OTHERWISE SPECIFIED.

THIRD ANGLE PROJECTION

LTI 02
Support Plate Flat

MATERIAL

7075-T6 Aluminum

ALL DIMENSIONS ARE IN INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED

BY DATE

FINISH

NO BURRS OR SHARP EDGES.
ALL EDGES TO BE BROKEN .015 MIN.
UNLESS OTHERWISE SPECIFIED.
ALL DIMENSIONS ARE IN INCHES

MATERIAL
7075-T6 Aluminum

NO BURRS OR SHARP EDGES.
ALL EDGES TO BE BROKEN .015 MIN.
UNLESS OTHERWISE SPECIFIED.

THIRD ANGLE PROJECTION

LTI 02
### Material

- **MATERIAL:** 17-4 PH stainless steel

### Dimensions

- **All Dimensions are in Inches**
- **TOLERANCES UNLESS OTHERWISE SPECIFIED**
  - XX ± 0.1
  - XXX ± 0.005
  - ANGLES ± 0.1°
  - BEND RADIUS

### Notes

- **NO BURRS OR SHARP EDGES.**
- **ALL EDGES TO BE BROKEN .015 MIN. UNLESS OTHERWISE SPECIFIED.**

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<table>
<thead>
<tr>
<th>CLASS CODE</th>
<th>TITLE</th>
<th>SIZE</th>
<th>DRAWING NO.</th>
<th>SHEET</th>
<th>OF</th>
<th>REV.</th>
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<tr>
<td></td>
<td>Ratchet Face</td>
<td>B</td>
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</tbody>
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---

**Do Not Scale**
7075-T6 Aluminum

NO BURRS OR SHARP EDGES. ALL EDGES TO BE BROKEN .015 MIN. UNLESS OTHERWISE SPECIFIED.
17-4 PH stainless steel

NO BURRS OR SHARP EDGES. ALL EDGES TO BE BROKEN .015 MIN. UNLESS OTHERWISE SPECIFIED.
THIRD ANGLE PROJECTION

7075-T6 Aluminum

ALL DIMENSIONS ARE IN INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED
XX ± .01
XXX ± .005
ANGLES ± 0.1°
BEND RADI

NO BURRS OR SHARP EDGES.
ALL EDGES TO BE BROKEN .015 MIN.
UNLESS OTHERWISE SPECIFIED.

DATE
FINISH
MATERIAL
TOLERANCES UNLESS OTHERWISE SPECIFIED
BEND RADI

SCALE 1
SIZE
DRAWING NO.

B

REV.

SHEET 1 OF 1

Pawl Shaft

LTI 02
Detent Holder

MATERIAL: 7075-T6 Al

ALL DIMENSIONS ARE IN INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED

NO BURRS OR SHARP EDGES.
ALL EDGES TO BE BROKEN .015 MIN.
UNLESS OTHERWISE SPECIFIED.

Drill ø .136 Thru
TAP 8-32 Thru

Sand down corners
4 Places

.105
.530
.105
.317
.225
.125 +.000
-.002
.217 +.000
-.002
.740
THIRD ANGLE PROJECTION

MATERIAL

302 or 304 SST

ALL DIMENSIONS ARE IN INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED

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<th>302 or 304 SST</th>
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<td>TOLERANCES</td>
<td>XX ± .01, XXX ± .005</td>
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<tr>
<td>ANGLES</td>
<td>± 0.1</td>
</tr>
<tr>
<td>BEND RADIUS</td>
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</tbody>
</table>

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Pawl Backstop Pin

Do Not Scale