



| ITEM | QTY | PART NUMBER | TITLE             |
|------|-----|-------------|-------------------|
| 1    | 2   | SM-TM1      | Spindle Mount     |
| 2    | 4   | SM-H11      | Insertion Nut     |
| 3    | 4   | SM-H07      | M5 x 10mm SHCS    |
| 4    | 8   | SM-H03      | M5 Flat Washer    |
| 5    | 2   | SM-TM2      | Spindle Strap     |
| 6    | 4   | SM-H09      | M5 x 55mm SHCS    |
| 7    | 8   | SM-H02      | 3/4" Nylon Spacer |
| 8    | 1   | SM-TM3      | Rotary Tool       |

wiki link: [http://www.shapeoko.com/wiki/index.php/Assembly\\_step\\_10](http://www.shapeoko.com/wiki/index.php/Assembly_step_10)

|   |  |   |                           |
|---|--|---|---------------------------|
| <b>OPEN HARDWARE</b><br>Attribution-ShareAlike 3.0<br>Unported<br>(CC BY-SA 3.0)  |  |   |                           |
| <b>TOLERANCES</b><br>(EXCEPT AS NOTED)<br><br>BETWEEN<br>FINISHED SURFACES<br><br>FRACTIONAL: ± 1/64"<br><br>DECIMAL: ± .010"<br><br>DETAIL DIMENSIONS: ± 1/16" |  | DESIGNED BY:<br>ERF                     | DATE:<br>6/5/2012         |
|   |  | TITLE<br><b>Z Axis Spindle Assembly</b> |                           |
|   |  | SIZE<br>B                               | DRAWING NUMBER<br>SM-ZA03 |
| SCALE   |  |   | SHEET 1 OF 1              |