

- Items included:
- PS24-90W power supply with connector
 - RS232 6' cable and connector
 - Au I/O 9 wire cable open ended, for external control
 - Table slot mounting screws, washers, nuts (4 sets)
 - Neoprene splash guard, .06" x 12" x 18"
 - Table base mounting hardware
 - 2 Base locking levers, not shown

table diameter
Ø7.782" [196.7]
Ø.800" bottom opening
[Ø20.3]

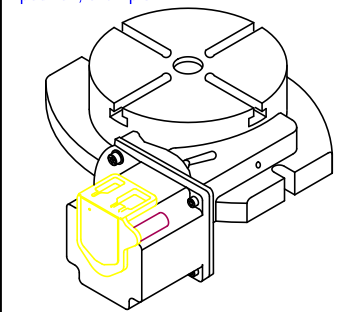
Zerk for adding Staco
HP molygraph grease CRC3330,
comes pre-filled

4.70" [114]

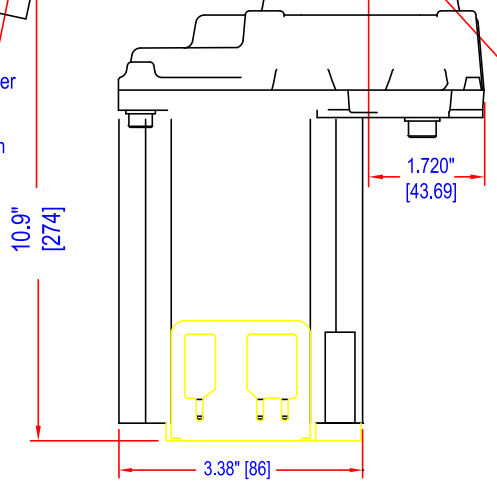
Lever to engage/disengage
worm gear, allows
free-wheeling of table.

Ø1.111" locating hole
[Ø28.23] x .236" deep
Ø.930" Morse #3 taper

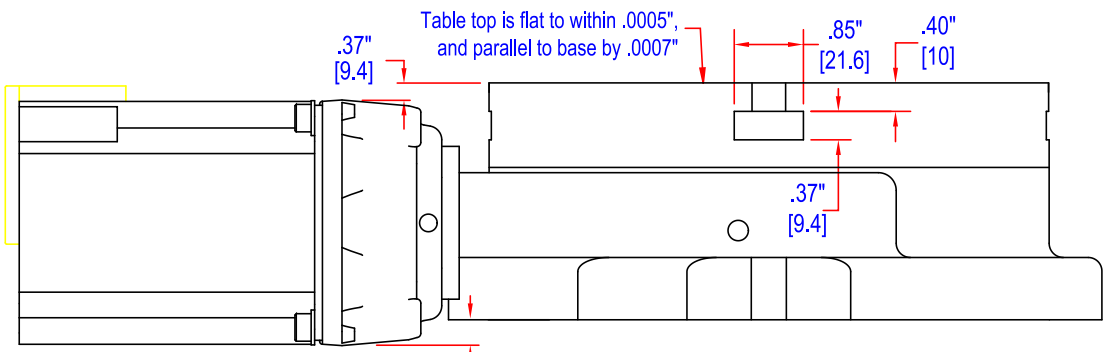
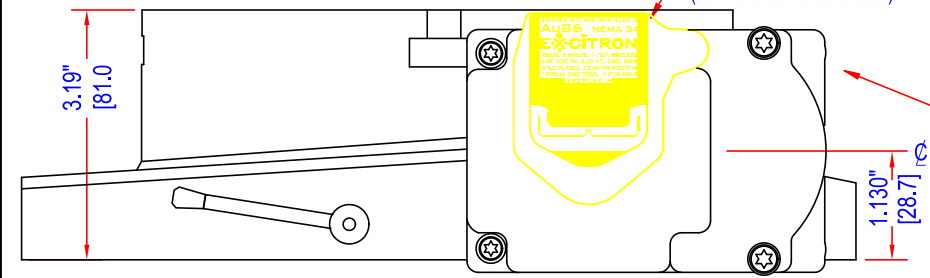
Motor/Gearhead Assembly rotates 360° by
loosening the two M5 set screws. Motor can
be rotated for best controller and connector
position, example:



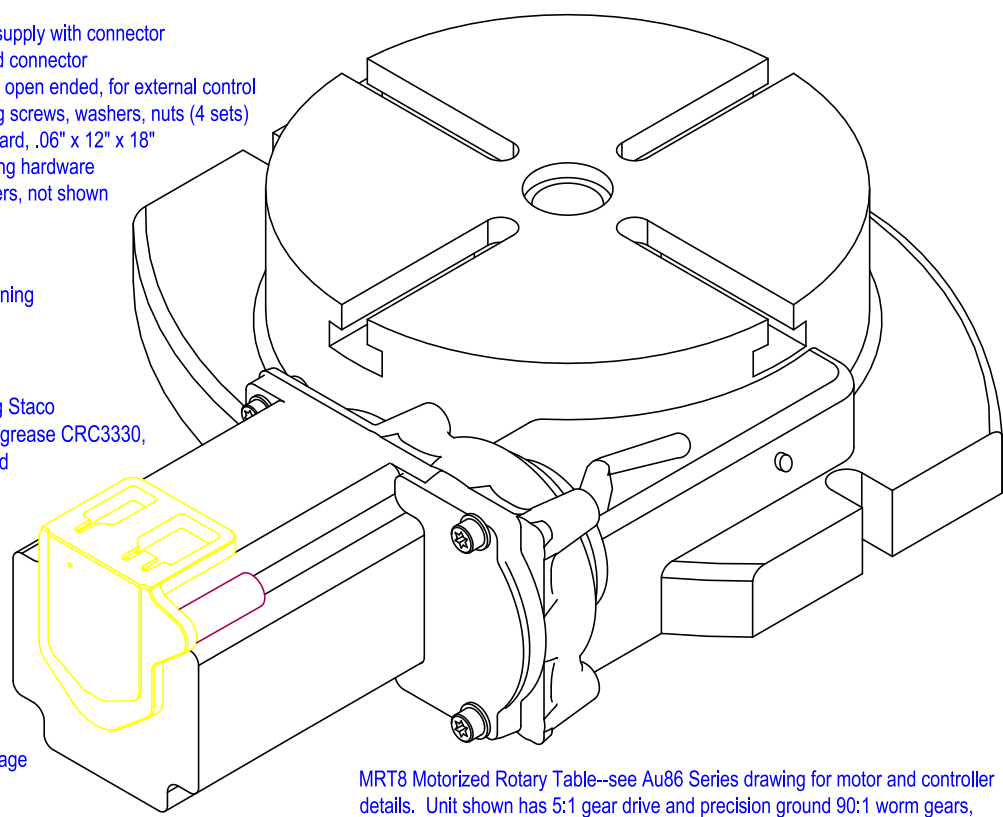
10.9" [274]



AuG86-118 Controller/coder
(controller/driver/encoder)



Bronze casting 5:1 gearhead, details in
Excitron_AuG86_Gearhead_dwg.pdf



MRT8 Motorized Rotary Table--see Au86 Series drawing for motor and controller
details. Unit shown has 5:1 gear drive and precision ground 90:1 worm gears,
450:1 total ratio, and virtually zero backlash.

Theoretical Torque is 12,000 in-lb, practical torque is 3,000 in-lb, more than enough to mill using a Ø1.00 cutter through
steel. Top speed of 10,000 motor half-steps/sec gives 3.3 rpm. Straight drive of 90:1 (16 rpm) also available, see
www.excitron.com website. Weight is 53 pounds, ships in 2 boxes.

Table top is flat to within .0005",
and parallel to base by .0007"

Warning--keep fingers from rotating parts, injury may result.
Suggest using the neoprene cover sheet when table is used
for machining.

EXCITRON
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MRT8-86-118-450
www.excitron.com ~37% 1/1 Rev. D