

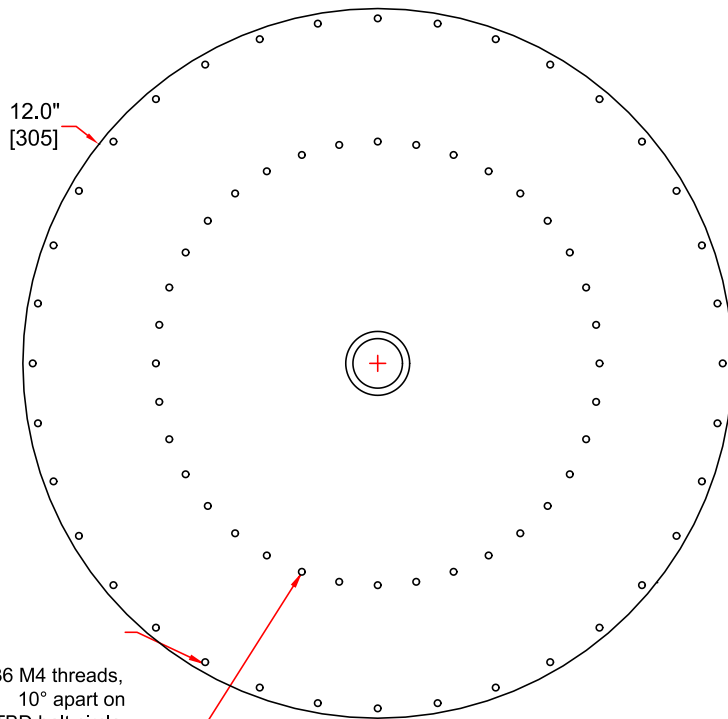
MR12 12" Rotary Table Features:

- Rotate to any angle quickly and automatically, great for indexing.
- High precision and zero backlash for laser marking and measurements.
- Ultra-thin assembly fits tight spaces, lowers your overall height.
- 36:1 single stage gears provide high resolution of 0.0125° per Au57-40M stepper motor half-step. 18:1 gear ratio is half this value.
- Zero backlash due to innovative gear meshing, billion revolution life.
- High electrical efficiency saves energy.
- Light weight precision table, compared to our MRT12-86-156 tables.

- Four choices for speed and resolution, select Au57-40M for highest accuracy or Au60-45 for twice the torque and speed. Select 36:1 or 18:1 gear ratio.
- Au57-40M has 800 half-steps/revolution, Au60-45 has 400.
- Variable speed can be changed on-the-fly.
- Built-in Home optical sensor for calibration, motor has optical encoder.
- Extremely low friction, zero stiction, and vibration dampening.
- Absolute Max. load is 50 lbs, and moving load capacity is 25 lbs.
- Light weight--14 lbs.
- Suitable in dust and dirt environments.
- Optional built-in linear slider with 6" travel, for in-out movement.

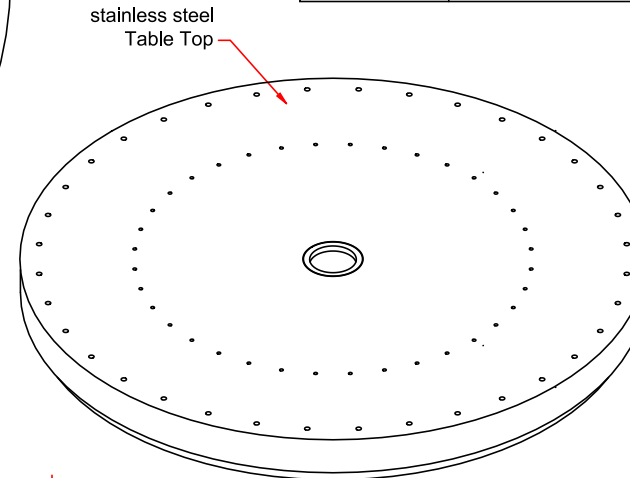
Items included:

- Complete ready-to-run Rotary Table with intelligent motion.
- Au57-40M or Au60-45 stepper motor and controller.
- AC/DC Power supply/cord with Power/RS232 (DB9) connector
- 6' RS232 DB9 serial cable, USB adapter optional.
- Control/motion switches and speed potentiometer (TBD).
- 4 angle brackets for securing to your bench, 4 feet are removable.

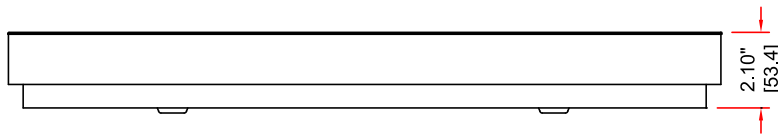


36 M4 threads,
10° apart on
TBD bolt circle

36 M4 threads,
10° apart on
TBD bolt circle (actual quantity and position
of mounting holes TBD,
configurable upon request)



Motor	Ratio	Resolution	Steps/°	Steps/rev	Min rpm	Max rpm
Au57-40M	36:1	.0125°/step	80	28,800	.24	16
Au57-40M	18:1	.0250°/step	40	14,400	.48	32
Au60-45	36:1	.0250°/step	40	14,400	.48	32
Au60-45	18:1	.0500°/step	20	7,200	.96	64



See Au_Controllercoder_Manual.pdf
and Excitron_Au57_dwg.pdf.

SKU ordering example on www.excitron.com under Rotary Tables:
MRT12-57-18 --12" table diameter, Au57-40M Controller/motor, 18:1
MRT12-57-36 --12" table diameter, Au57-40M Controller/motor, 36:1

EXCITRON
info@excitron.com 303-859-9476
MRT12 Rotary Table Series
www.excitron.com 20% 1 / 1 Rev. A