

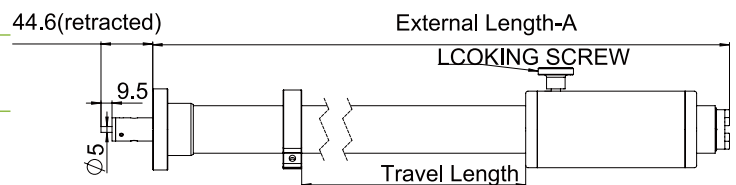
## Magnetic Coupled Transfer Arm



For application that require combined rotary and linear movement, Magnetic Transfer Rods can be used. These devices use a magnetic coupling to drive both linear and rotary movement to the shaft. The shaft is mounted with bearings that allow it to move in both a linear and rotational manner. The MTA is a completely enclosed welded structure. The tip of the vacuum side is special designed so that sample carrying mechanism or other custom devices can be mounted.

### Specification

- ✔ Magnetically Coupled Linear and Rotary Motion
- ✔ Material: SS 316/ NdFeB Magnet
- ✔ Bakeable to 150°C with External Magnets
- ✔ 14mm Hollow Shaft Probe
- ✔ UHV Rated to  $10^{-11}$  mbar
- ✔ High Torque & Stiffness
- ✔ Mounted in any Orientation



Flange OD		Travel Length	External Length-A	Weight (Kg)	Part Number
mm	inch				
70	2.75	450	754	1.6	MTR450
		600	904	2.2	MTR600
		900	1204	2.8	MTR900