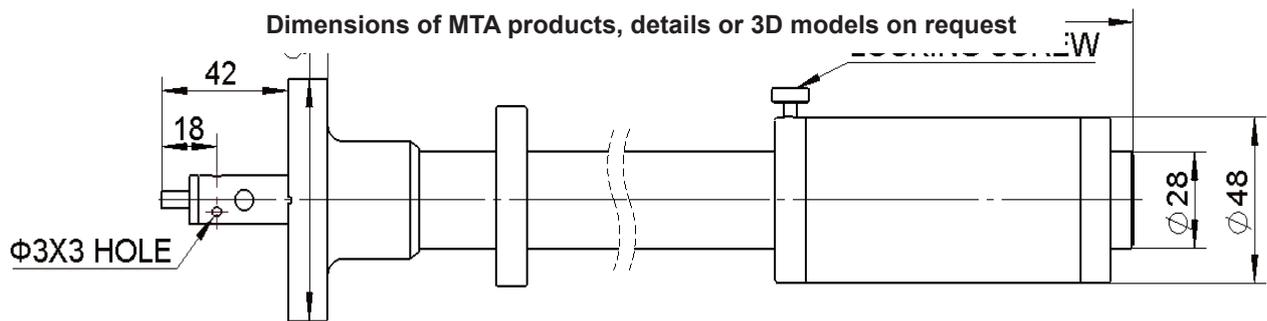


Sample Transfer Devices

Magnetic Transfer Rod

- Magnetically Coupled Linear and Rotary Motion
- Bakeable to 150°C with External Magnets
- Material: SS 316 / NdFeB Magnet
- 14mm Hollow Shaft Probe
- High Torque & Stiffness
- NW40CF Mounting Flange
- UHV Rated to 10⁻¹¹mbar
- Mounted in any Orientation



Flange OD		Travel	External Length- A	Weight (kg)	Part Number
mm	inch				
70	2.75	450	633	1.6	MTR45
		600	798	2.2	MTR60
		900	1118	2.8	MTR90

For applications 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. At the end of the in-vacuum shaft special designed into which sample carrying mechanism or other custom devices can be mounted.