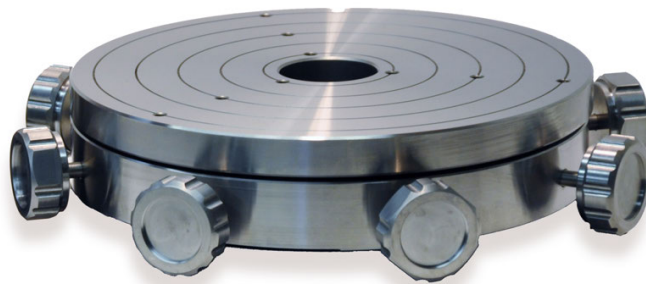


# Pliglide MTT: Manual X-Y-Tip-Tilt Platform

ACCESSORY FOR A-60X AND A-62X SERIES ROTARY AIR BEARINGS



## A-60X.MTT Series

- Table diameters from 75 mm to 300 mm
- Manual operation
- 4 axes of motion (X, Y, Tip, Tilt)
- Clear aperture
- Directly mounts to A-60X and A-62X rotary air bearing products

### Overview

The Pliglide MTT series of manual alignment tabletops can manually adjust a payload mounted to a rotary air bearing in four degrees of freedom, allowing alignment of the payload to the bearing's axis of rotation. Adjustments can be made in two linear orthogonal directions (X and Y) and in two angular directions (tip and tilt).

The tabletop surface is made from durable, wear-resistant stainless-steel. This accessory is ideal for metrology, roundness measurement, and part gauging applications.

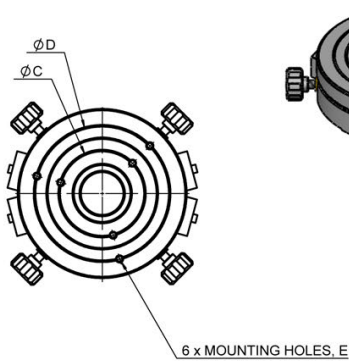
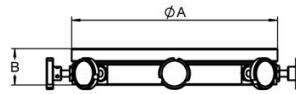
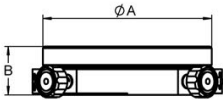
## Specifications

Model	Table Diameter (mm)	Travel Range		Mass (kg)	Moment of Inertia (kg-mm <sup>2</sup> )
		X, Y (mm)	Tip-Tilt (°)		
A-602.MTT	75	+/- 3mm	+/- 1.25°	0.8	620
A-603.MTT	100			1.5	2,090
A-604.MTT	150			4	12,900
A-605.MTT	200			8.6	52,100
A-607.MTT	300			25	319,000

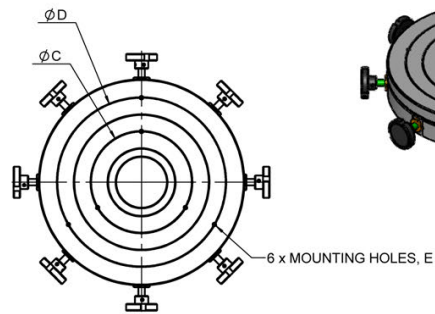
## Ordering Information

Manual X-Y-Tip-Tilt Tabletop Accessory Kit			
Part #	Table Diameter	Compatible with Pliglide models:	
A-602.MTT	75mm	A-602.xxx RT Series	
A-603.MTT	100mm	A-603.xxx RT Series	A-623.xxx RM Series
A-604.MTT	150mm	A-604.xxx RT Series	A-624.xxx RM Series
A-605.MTT	200mm	A-605.xxx RT Series	
A-607.MTT	300mm	A-607.xxx RT Series	A-624.xxx RM Series

## Dimensions (in mm)



A-602 / A-603



A-604 through A-607



Model	A	B	C	D	E
A-602.MTT	75	25	30	50	M3x0.5, 6 DEEP
A-603.MTT	100	30	50	75	M4x0.7, 8 DEEP
A-604.MTT	150	35	75	125	M5x0.8, 10 DEEP
A-605.MTT	200	45	100	150	M6x1.0, 12 DEEP
A-607.MTT	300	55	150	250	M6x1.0, 12 DEEP