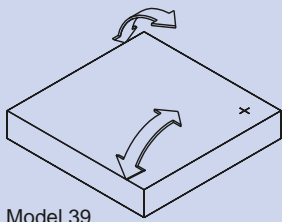
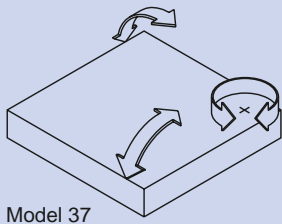
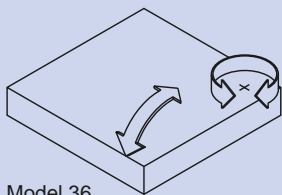
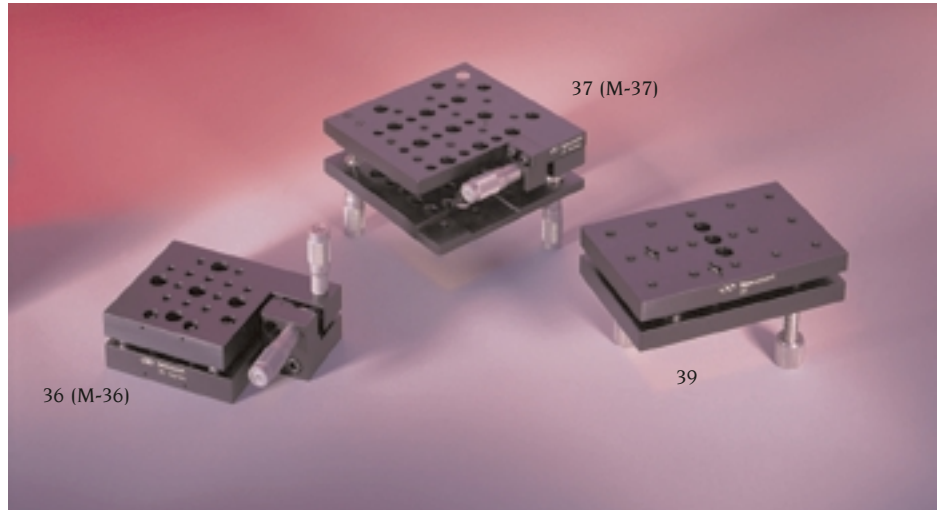


30 Series

Tilt and Rotation Platforms

Key Features

- Stable, kinematic designs
- Large angular range
- 2- and 3-axis tilt and tilt/rotation versions
- 15 lb (66.7 N) load capacity
- Generous array of mounting holes



These Multi-Axis Tilt Platforms provide tilt and rotation adjustments for aligning optical components. They are kinematic, with hardened and polished steel ball pivots and spring-preloaded, spherical-tipped adjustments acting on hardened steel seats.

Model 36 has an elevation tilt adjustment and a rotation adjustment that rotates the mounting platform about the kinematic pivot point—ideal for use as a pointer. With components mounted on the same face as the micrometers, the rotation provides an azimuth adjustment; components

mounted on the opposite side are rotated in-plane.

Model 37 provides full, three-axis angular orientation freedom. It features two tilt adjustments plus rotation that allow a component to be oriented parallel with an arbitrary plane. When used with an XYZ stage, it provides six degrees of freedom for total positioning capability.

Model 39 provides two axes of angular adjustments, allowing a mounted component to be oriented parallel to an arbitrary plane. Angular adjustments are provided by 40-pitch adjustment screws.

Specifications

	Model 36 (M-36)	Model 37 (M-37)	Model 39
Tilt Range	-4.3° to +7°	±4°	-3.5 ±14 ⁽¹⁾ / -5 ±16 ⁽²⁾
Rotation Range	±2.5°	±4°	NA
Sensitivity (Standard Micrometers) (arc sec)	2	2	11 ⁽¹⁾ /7 ⁽²⁾
Load Capacity [lb (N)]	15 (66.7)	15 (66.7)	15 (66.7)

- 1) Along long axis
- 2) Along short axis

