TriRail™ Dovetail Stages

- *Ideal for use with TriRail™*
- *1-3 axis assemblies*
- *Compact dovetail slide/leadscrew design*
- *25 mm travel with graduated scale*
- *Side locking screw*
- *Optical Table or Rail Mounting*

TriRail™ Dovetail Stages

These stages are constructed from machined aluminum and incorporate a dovetail slide/leadscrew design. TriRail Dovetail Stages provide a low cost alternative to the more accurate MiniMech™ and MacroMech™ stages described in the Manual Micropositioners section of this catalog. They are very versatile, and allow multiple axis assemblies to be built using the hardware described below (see diagrams on p 66). These multi-axis assemblies can be attached directly to an optical table via clearance holes in the stage base, or they can be attached to a TriRail™ carrier. They can also be stacked on top of MiniMech™ or MacroMech™ positioners.
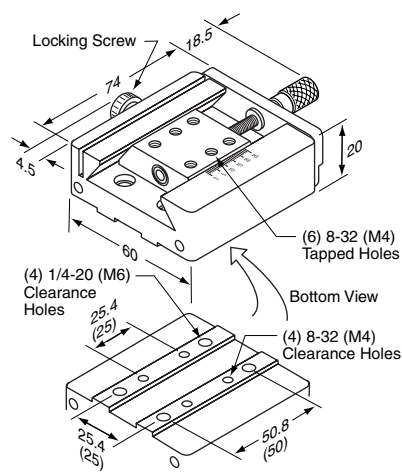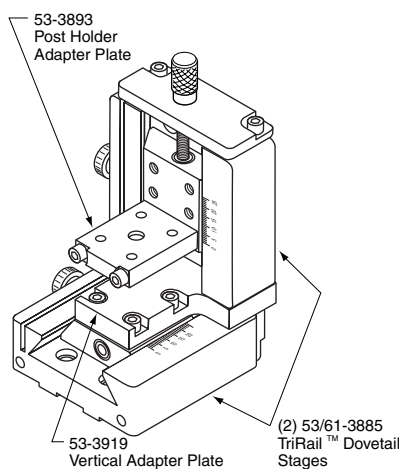
Dovetail Stage Post Holder Plate
The post holder plate allows Half-inch post holders to be attached to the Dovetail Stage. The plate can be attached to a horizontally or vertically oriented stage as shown in the diagrams opposite giving fine positional adjustment of the post holder in either the horizontal or vertical direction.

Dovetail Stage Vertical Adapter Plate
This adapter plate allows a Dovetail stage to be mounted vertically on top of another Dovetail Stage.

Multi-axis assemblies can be built from these modular stages, as shown in the photograph above and the diagrams on the next page.

TriRail™ Dovetail Stages

Catalog Number	Description	Price US
53-3885	TriRail Dovetail Stage 25 mm travel, metric	$149.00
61-3885	TriRail Dovetail Stage 25 mm travel, inch	$149.00
53-3893	Dovetail Stage Post Holder Adapter Plate, Universal	$34.50
53-3919	Dovetail Stage Vertical Adapter Plate, Universal	$34.50