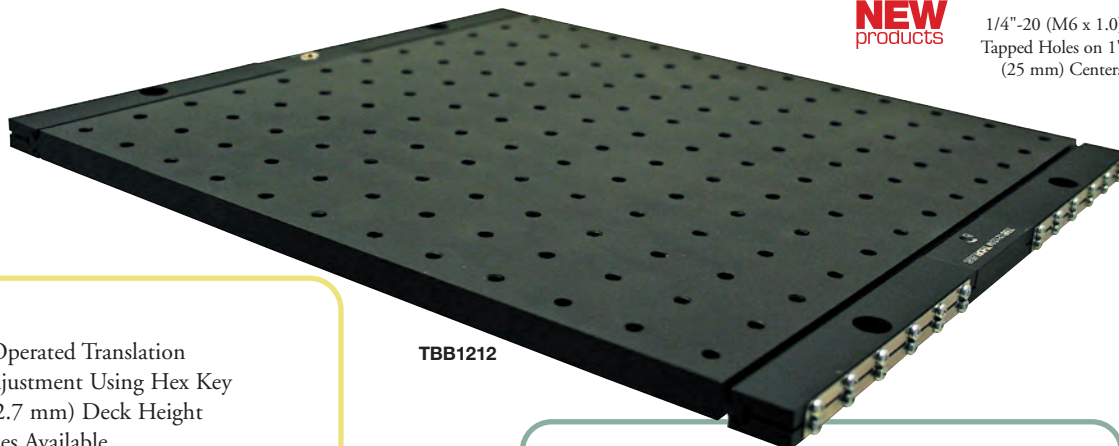


Large-Area, Long-Travel Translation Stages

NEW
products

1/4"-20 (M6 x 1.0)
Tapped Holes on 1"
(25 mm) Centers



TBB1212

Features

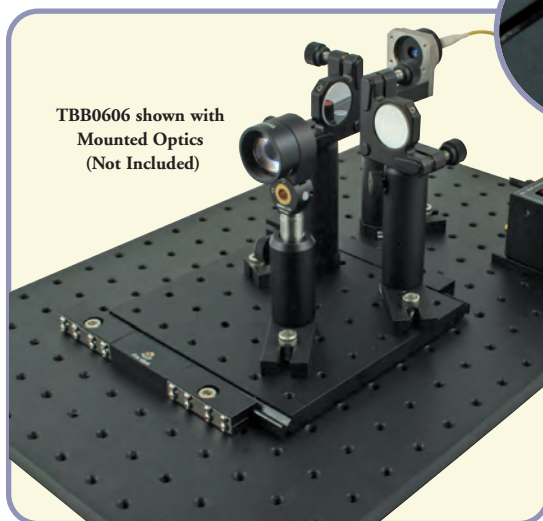
- Hand-Operated Translation
- Fine Adjustment Using Hex Key
- 0.5" (12.7 mm) Deck Height
- Two Sizes Available

This Large-Area Translation Stage is available in two imperial sizes, 6" x 7.66" (TBB0606) and 12" x 13.66" (TBB1212), and two metric sizes, 150 mm x 191.7 mm (TBB0606/M) and 300 mm x 341.4 mm (TBB1212/M). It has been designed for use in applications requiring adjustable positioning of a complete experiment. The TBB0606 provides 2.5" (60 mm) of travel, whereas the TBB1212 provides 5" (120 mm) of travel. Coarse positioning is achieved simply by pushing the moving platform. Fine positioning over the full range of travel is achieved by adjustment of the rack and pinion using a hex key as shown below.

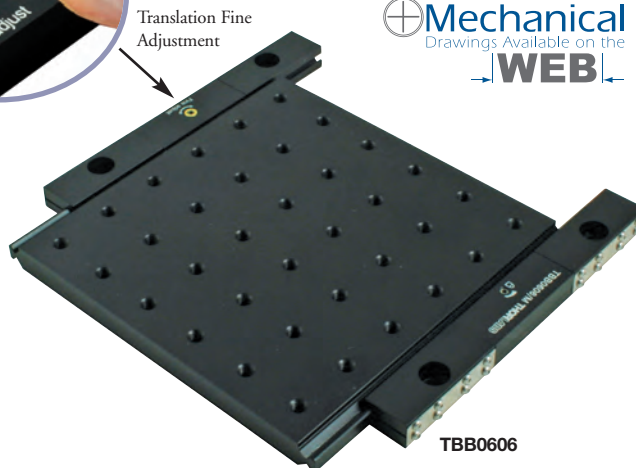
The working height of the breadboard is 0.5" (12.7 mm), making it compatible with the mating height of our standard MB series of breadboards (see page 3). They are tapped with 1/4"-20 (M6 x 1.0) threaded holes in the standard 1" (25 mm) offset hole pattern.

Specifications

- Travel Range
 - TBB0606: 2.5" (60 mm)
 - TBB1212: 5.0" (120 mm)
- Working Height: 0.5" (12.7 mm)
- Adjuster Pitch: 1.23" (31.4 mm) per Rev of Hex Screw
- Load Capacity: 22 lbs (10 kg)
- Run Out Over Full Travel Range: <50 μm
- Outer Dimensions (W x D)
 - TBB0606: 6" x 7.66" (150 mm x 191.7 mm)
 - TBB1212: 12" x 13.66" (300 mm x 341.4 mm)
- Moving Platform Dimensions (W x D)
 - TBB0606: 6" x 5.95" (150 mm x 147.6 mm)
 - TBB1212: 12" x 11.92" (300 mm x 297.5 mm)
- Weight
 - TBB0606: 1.7 lbs (780 g)
 - TBB1212: 6.7 lbs (3.06 kg)
- Construction: Solid Aluminum
- Finish: Black Anodized



TBB0606 shown with
Mounted Optics
(Not Included)



TBB0606

Mechanical
Drawings Available on the
WEB

ITEM#	METRIC ITEM#	\$	£	€	RMB	DESCRIPTION
TBB0606	TBB0606/M	\$ 450.00	£ 312.00	€ 399.60	¥ 3,799.90	Large-Area Translation Stage, 6" x 7.66" (150 mm x 191.7 mm)
TBB1212	TBB1212/M	\$ 645.00	£ 447.20	€ 572.70	¥ 5,446.40	Large-Area Translation Stage, 12" x 13.66" (300 mm x 341.4 mm)