

## ScienceDesk™ Breadboards: Performance™ Series

- Flat Top Surface of a Performance™ Breadboard is Made of High-Quality Magnetic Stainless Steel
- Athermalized Design Maximizes Thermal Stability
- Steel Core and Internal Damping Provide Both Static and Dynamic Rigidity
- Magnetic Top and Bottom Plates Offer Component Mounting Versatility

### Specifications

- **Mounting Holes**
  - Imperial: 1/4"-20 on 1" Centers
  - Metric: M6 x 1.0 on 25 mm Centers
- **Flatness:** ±0.006" (0.15 mm) Over any 1.0 ft<sup>2</sup> (0.3 m<sup>2</sup>) Area
- **Thickness:** 2.4" (60 mm)
- **Construction:** Double-Skin, Single-Honeycomb Core, Athermalized Design
- **Core:** High-Density, Plated-Steel Honeycomb
- **Damping:** Proprietary Broadband Damping
- **Top and Bottom Plates**
  - Top Plate: Magnetic Stainless Steel, 3/16" (5 mm) Thick, Brushed Finish
  - Bottom Plate: Magnetic Stainless Steel, 3/16" (5 mm) Thick
- **Sides:** Black Laminated Steel
- **Edge of Top Plate to First Hole**
  - Imperial: 2"
  - Metric: 50 mm

Thorlabs offers a line of breadboards for our modular, ergonomic ScienceDesks that provide a rigid, flat, thermally stable tabletop. These breadboards, when combined with our ScienceDesk Frames, make ideal workstations for multiple applications and disciplines. To complete your workstation, Thorlabs offers a line of accessories, including overhead shelves, side shelves, computer shelves, a keyboard holder, wrist rest, and a monitor mount (see pages 35 - 45 for details).

The Performance series, including the no holes version featured below, incorporates a double-skin (top and bottom), single-honeycomb design, providing excellent stiffness and dynamic rigidity. The Performance series consists of a stainless steel top plate. The second layer adds the main steel honeycomb structure, and the stainless steel bottom plate finishes the board. The main honeycomb core is fabricated from strips of precision-formed plated steel, which are bonded together with a high-tensile-strength epoxy adhesive.



### Performance Series ScienceDesk™ Breadboards, 1/4"-20 Taps

ITEM #*	\$	£	€	RMB	DIMENSIONS	COMPATIBLE FRAMES
PBH11106	\$ 923.80	£ 665.14	€ 803.71	¥ 7,362.69	3' x 2' x 2.4"	Item #'s Ending in 6090
PBH11111	\$ 1,090.80	£ 785.38	€ 949.00	¥ 8,693.68	3' x 2.5' x 2.4"	Item #'s Ending in 7590
PBH11112	\$ 1,366.30	£ 983.74	€ 1,188.68	¥ 10,889.41	4' x 2.5' x 2.4"	Item #'s Ending in 75120
PBH11115	\$ 1,589.10	£ 1,144.15	€ 1,382.52	¥ 12,665.13	4' x 3' x 2.4"	Item #'s Ending in 90120

\*Please contact your local sales office for a quotation including shipping.

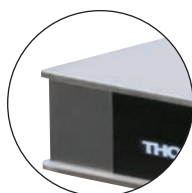
### Performance Series ScienceDesk™ Breadboards, M6 x 1.0 Taps

ITEM #*	\$	£	€	RMB	DIMENSIONS	COMPATIBLE FRAMES
PBH51506	\$ 904.50	£ 651.24	€ 786.92	¥ 7,208.87	900 mm x 600 mm x 60 mm	Item #'s Ending in 6090
PBH51511	\$ 1,043.30	£ 751.18	€ 907.67	¥ 8,315.10	900 mm x 750 mm x 60 mm	Item #'s Ending in 7590
PBH51512	\$ 1,335.00	£ 961.20	€ 1,161.45	¥ 10,639.95	1200 mm x 750 mm x 60 mm	Item #'s Ending in 75120
PBH51515	\$ 1,550.60	£ 1,116.43	€ 1,349.02	¥ 12,358.28	1200 mm x 900 mm x 60 mm	Item #'s Ending in 90120

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## ScienceDesk™ Breadboards: Performance Series with No Holes

These 2.4" (60 mm) thick optical breadboards utilize the same construction techniques as our standard Performance Series range described above but without drilled or tapped holes in the top plate. They provide high stiffness and standard damping, making them an ideal solution for microscopy applications.



### Performance Series Breadboards, No Holes

ITEM #*	METRIC ITEM #	\$	£	€	RMB	SIZE
PBH11106/NH	N/A	\$ 689.00	£ 496.08	€ 599.43	¥ 5,491.33	3' x 2' x 2.4"
PBH11111/NH	PBH51511/NH	\$ 869.00	£ 625.68	€ 756.03	¥ 6,925.93	3' x 2.5' x 2.4" (900 mm x 750 mm x 60 mm)
PBH11112/NH	PBH51512/NH	\$ 985.00	£ 709.20	€ 856.95	¥ 7,850.45	4' x 2.5' x 2.4" (1200 mm x 750 mm x 60 mm)
PBH11115/NH	PBH51515/NH	\$ 1,054.00	£ 758.88	€ 916.98	¥ 8,400.38	4' x 3' x 2.4" (1200 mm x 900 mm x 60 mm)

\*Please contact your local sales office for a quotation including shipping.