

## Breadboards – 1/2" (12.7 mm) Thick Solid Aluminum

- Custom Sizes and Shapes Available Upon Request
- Matte Black Anodized
- Metric Boards Manufactured and Stocked in Europe
- Flatness:  $\pm 0.006"$  ( $\pm 0.15$  mm) Over any 1 ft<sup>2</sup> (0.3 m<sup>2</sup>) Area

### Solid Aluminum Construction!

These solid aluminum breadboards provide a convenient platform for assembling prototype optical assemblies, conducting experiments, and mounting small subsystems. They have a black, low-reflective, anodized coating and feature 1/4"-20 (M6 x 1.0) threads on 1" (25 mm) centers.

The boards have a 1/2" (12.5 mm) border and four 1/4" (M6) counterbored clearance holes. The larger boards, which are denoted with double asterisks in the tables below, have a fifth counterbored clearance hole at the center of the board. The plates are machined from a 1/2" (12.7 mm) thick solid aluminum plate for superior flatness.

Because the holes are threaded completely through these breadboards, components can be mounted on both sides. Standoff posts (see pages 20 - 22) allow the breadboards to be mounted above the surface of an optical tabletop (or breadboard) for access to components on both sides.

Stocked for Immediate Shipment

### 1/4"-20 Taps on 1" Centers, 1/2" Thick\*

ITEM #	\$	£	€	RMB	DESCRIPTION
MB4	\$ 49.40	£ 35.57	€ 42.98	¥ 393.72	4" x 6"
MB6	\$ 55.10	£ 39.67	€ 47.94	¥ 439.15	6" x 6"
MB624	\$ 186.00	£ 133.92	€ 161.82	¥ 1,482.42	6" x 24"
MB636	\$ 246.00	£ 177.12	€ 214.02	¥ 1,960.62	6" x 36"
MB648	\$ 306.00	£ 220.32	€ 266.22	¥ 2,438.82	6" x 48"
MB8	\$ 82.00	£ 59.04	€ 71.34	¥ 653.54	8" x 8"
MB810	\$ 143.00	£ 102.96	€ 124.41	¥ 1,139.71	8" x 10"
MB1012	\$ 165.00	£ 118.80	€ 143.55	¥ 1,315.05	10" x 12"
MB12	\$ 161.10	£ 115.99	€ 140.16	¥ 1,283.97	12" x 12"
MB1218	\$ 208.70	£ 150.26	€ 181.57	¥ 1,663.34	12" x 18"
MB1224	\$ 282.30	£ 203.26	€ 245.60	¥ 2,249.93	12" x 24"
MB1236	\$ 505.00	£ 363.60	€ 439.35	¥ 4,024.85	12" x 36"
MB1248	\$ 604.00	£ 434.88	€ 525.48	¥ 4,813.88	12" x 48"
MB18	\$ 315.00	£ 226.80	€ 274.05	¥ 2,510.55	18" x 18"
MB1824	\$ 420.00	£ 302.40	€ 365.40	¥ 3,347.40	18" x 24"
MB1836	\$ 598.00	£ 430.56	€ 520.26	¥ 4,766.06	18" x 36"
MB2424	\$ 537.00	£ 386.64	€ 467.19	¥ 4,279.89	24" x 24"
MB2436	\$ 690.00	£ 496.80	€ 600.30	¥ 5,499.30	24" x 36"
MB2448	\$ 913.00	£ 657.36	€ 794.31	¥ 7,276.61	24" x 48"

\*Thickness may vary by  $\pm 0.005"$

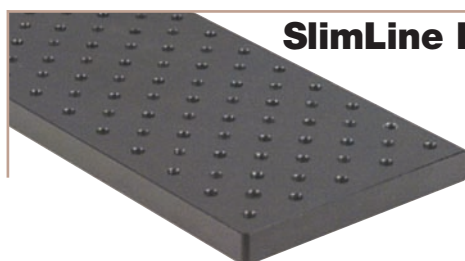
\*\*These boards have a fifth mounting hole in the center

### M6 x 1.0 Taps on 25.0 mm Centers, 12.7 mm Thick\*

ITEM #	\$	£	€	RMB	DESCRIPTION
MB1015/M	\$ 49.40	£ 35.57	€ 42.98	¥ 393.72	100 mm x 150 mm
MB1515/M	\$ 55.10	£ 39.67	€ 47.94	¥ 439.15	150 mm x 150 mm
MB1560/M	\$ 186.00	£ 133.92	€ 161.82	¥ 1,482.42	150 mm x 600 mm
MB1590/M	\$ 246.00	£ 177.12	€ 214.02	¥ 1,960.62	150 mm x 900 mm
MB15120/M	\$ 306.00	£ 220.32	€ 266.22	¥ 2,438.82	150 mm x 1200 mm
MB2020/M	\$ 82.00	£ 59.04	€ 71.34	¥ 653.54	200 mm x 200 mm
MB2025/M	\$ 143.00	£ 102.96	€ 124.41	¥ 1,139.71	200 mm x 250 mm
MB2530/M	\$ 165.00	£ 118.80	€ 143.55	¥ 1,315.05	250 mm x 300 mm
MB3030/M	\$ 161.10	£ 115.99	€ 140.16	¥ 1,283.97	300 mm x 300 mm
MB3045/M	\$ 208.70	£ 150.26	€ 181.57	¥ 1,663.34	300 mm x 450 mm
MB3060/M	\$ 282.30	£ 203.26	€ 245.60	¥ 2,249.93	300 mm x 600 mm
MB3090/M	\$ 505.00	£ 363.60	€ 439.35	¥ 4,024.85	300 mm x 900 mm
MB30120/M	\$ 604.00	£ 434.88	€ 525.48	¥ 4,813.88	300 mm x 1200 mm
MB4545/M	\$ 315.00	£ 226.80	€ 274.05	¥ 2,510.55	450 mm x 450 mm
MB4560/M	\$ 420.00	£ 302.40	€ 365.40	¥ 3,347.40	450 mm x 600 mm
MB4590/M	\$ 598.00	£ 430.56	€ 520.26	¥ 4,766.06	450 mm x 900 mm
MB6060/M	\$ 537.00	£ 386.64	€ 467.19	¥ 4,279.89	600 mm x 600 mm
MB6090/M	\$ 690.00	£ 496.80	€ 600.30	¥ 5,499.30	600 mm x 900 mm
MB60120/M	\$ 913.00	£ 657.36	€ 794.31	¥ 7,276.61	600 mm x 1200 mm

\*Thickness may vary by  $\pm 0.1$  mm

\*\*These boards have a fifth mounting hole in the center



## SlimLine Breadboards – Double-Density Hole Pattern

The SlimLine series of breadboards provide a double-density 0.5" (12.5 mm) offset hole pattern. This configuration maximizes mounting versatility by doubling the number of tapped holes on the mounting surface. These boards are constructed from a 1/2" (12.7 mm) thick aluminum plate to maintain flatness over the full length. The slim profile allows these boards to fit into small spaces.

Shipped from Stock  
in the US and Europe

- Double-Density Hole Pattern
- Custom Sizes Available Upon Request
- Matte Black Anodized Solid Aluminum Construction
- Metric Boards Manufactured and Stocked in Europe

### 1/4"-20 Taps, 1/2" Offset Hole Pattern, 1/2" Thick\*

ITEM #	\$	£	€	RMB	DESCRIPTION
MB424	\$ 161.00	£ 115.92	€ 140.07	¥ 1,283.17	4" x 24"
MB436	\$ 181.00	£ 130.32	€ 157.47	¥ 1,442.57	4" x 36"
MB612	\$ 124.00	£ 89.28	€ 107.88	¥ 988.28	6" x 12"
MB824	\$ 239.00	£ 172.08	€ 207.93	¥ 1,904.83	8" x 24"
MB836	\$ 322.00	£ 231.84	€ 280.14	¥ 2,566.34	8" x 36"

\*Thickness may vary by  $\pm 0.005"$

### M6 x 1.0 Taps, 12.5 mm Offset Hole Pattern, 12.7 mm Thick\*

ITEM #	\$	£	€	RMB	DESCRIPTION
MB1060/M	\$ 161.00	£ 115.92	€ 140.07	¥ 1,283.17	100 mm x 600 mm
MB1090/M	\$ 181.00	£ 130.32	€ 157.47	¥ 1,442.57	100 mm x 900 mm
MB1530/M	\$ 124.00	£ 89.28	€ 107.88	¥ 988.28	150 mm x 300 mm
MB2060/M	\$ 239.00	£ 172.08	€ 207.93	¥ 1,904.83	200 mm x 600 mm
MB2090/M	\$ 322.00	£ 231.84	€ 280.14	¥ 2,566.34	200 mm x 900 mm

\*Thickness may vary by  $\pm 0.1$  mm