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75 SERIES
Lightweight Breadboards

2 in. (47 mm) thick



[See a larger image](#)

Another in a long line of TMC innovations, our 75 Series Breadboards minimize both weight and cost. A patented manufacturing technique allows us to form countersunk, tapped holes in a thin top skin of stainless steel. The holes are not drilled or punched, but fabricated in a way that effectively “thickens” the skin in a small ring around the threads. No inserts are used and the tapped holes are 3 threads deep.

These tops have relatively high levels of rigidity, as they utilize our standard steel core. However, with their thin top and bottom skins, they cannot have the rigidity and damping properties of our 78 and 77 CleanTop® II Breadboards. They are ideal when light loads are anticipated and low weight and/or cost are the most crucial factors.

The weight savings - 50% less than our 78 Series Breadboard - is derived only from the lighter gauge skins.

This lightweight design is available from stock in the sizes listed below. A full range of sizes and materials is available on a custom basis. [Contact TMC](#) for pricing and delivery for custom configurations.

Features

- Ultra-lightweight design weighs less than 9 lbs/ft² (44 kg/m²).
- Ferromagnetic Stainless steel top and bottom skins.
- Aluminum and carbon steel versions available.
- Very low prices, even in low quantity.
- Formed holes are countersunk and tapped 3 threads.
- Formed holes in top skin add to rigidity.
- CleanTop® II individual cups under each hole make the core spillproof.

[Click here for Breadboard Levelers and Accessories](#)

How to Order

- Choose the size of the top that you need from the chart below.
- Choose the specific size breadboard that you require.
- Contact TMC for purchasing and shipping information.

US Patent No. 5,558,920

General Specifications

Core: Steel honeycomb, closed-cell, 0.010 in. (0.2mm) thick foil

Core shear modulus: 275,000 psi (19,300 kg/cm²)

Core cell size: <0.5 in.² (3cm²)

Core density: 13.3 lb/ft³ (230 kg/m³)

Flatness: ± 0.005 in. (0.13mm)

Top skin: 430 series stainless steel, 0.075in. (2 mm) thick

Bottom Skin: 400 series stainless steel, 0.075in. (2 mm) thick

Sidewalls: High-pressure laminate

Tapped holes: Backed by individual CleanTop II cups; 3 threads

75 Series Lightweight Breadboards Ordering Chart

Surface Dimensions		Model Number		Weight	
inches	mm	1/4-20 holes on 1" centers	M6 holes on 25 mm centers	lbs.	kg
19 x 23	450 x 600	75SSC-103-02	75SSC-103-12	31	14
19 x 47	450 x 1200	75SSC-104-02	75SSC-104-12	62	28
23 x 23	600 x 600	75SSC-113-02	75SSC-113-12	37	17
23 x 35	600 x 900	75SSC-115-02	75SSC-115-12	56	25
23 x 47	600 x 1200	75SSC-119-02	75SSC-119-12	74	34



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