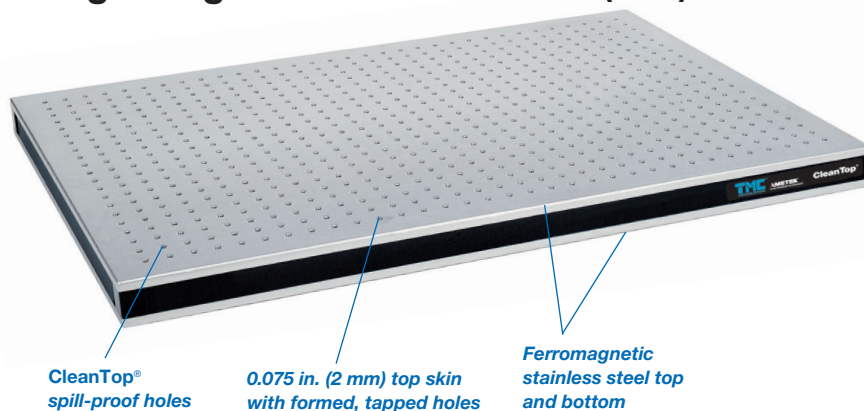


# CleanTop® Breadboards 2 in. Thick (50 mm)

## 75 Lightweight Series — 0.075 in. Skins (2 mm)



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 three 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® 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 Breadboards – 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.

### General Specifications

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

**Core shear modulus:** 275,000 psi (19,300 kg/cm<sup>2</sup>)

**Core cell size:** <0.5 in.<sup>2</sup> (3 cm<sup>2</sup>)

**Core density:** 13.3 lb/ft<sup>3</sup> (230 kg/m<sup>3</sup>)

**Flatness:** ± 0.005 in. (0.13 mm)

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

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

**Sidewalls:** High-pressure laminate

**Tapped holes:** Backed by individual, CleanTop cups; 3 threads

### Features

- Ultra-lightweight design – weighs less than 9 lbs/ft<sup>2</sup> (44 kg/m<sup>2</sup>).
- 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 three threads.
- Formed holes in top skin add to rigidity.
- CleanTop individual cups under each hole make the core spill proof.

### Ordering Chart — Model Number

Surface Dimensions		Model Number		Weight	
in.	mm	1/4 - 20 holes on 1 in. 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
35 x 47	900 x 1200	75SSC - 135 - 02	75SSC - 135 - 12	111	50

**Note:** Only the most common, stocked sizes are listed. Contact TMC for more details.