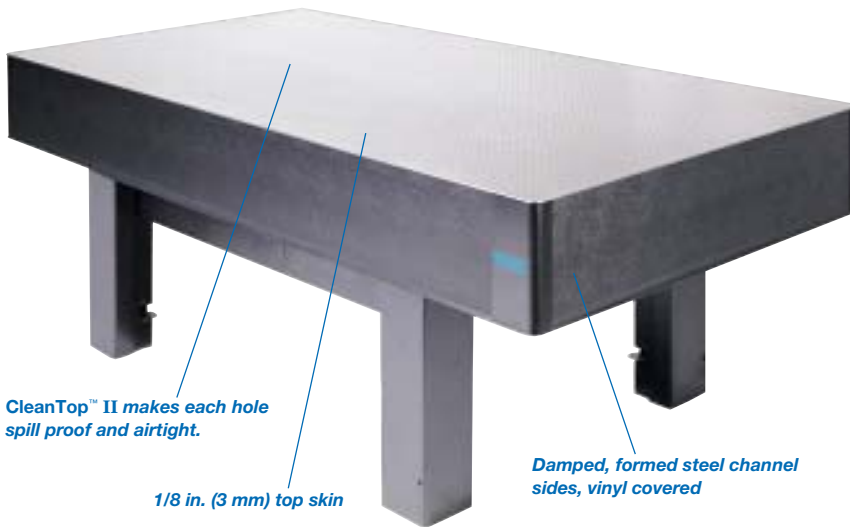


770 SERIES

CleanTop™ II Optical Tops



CleanTop™ II makes each hole spill proof and airtight.

1/8 in. (3 mm) top skin

Damped, formed steel channel sides, vinyl covered

As an economical alternative to our industry standard 780 series CleanTop™ II Optical Tops, we offer our 770 Series CleanTop II with 1/8 in. (3 mm) top and bottom skins. The reduced skin thickness degrades the overall structural rigidity.

In addition, a 1/8 in. skin allows only 2 1/2 threads for a 1/4-20 screw, less the counter-sink.

However, the 770 Series is the ideal configuration for less demanding applications for which low cost is the primary consideration.

Features

- Patented CleanTop II individual nylon cups under each tapped hole are airtight.
- 1/8 in. skins.
- Two damping levels available.

GENERAL SPECIFICATIONS

Core: Steel honeycomb, closed-cell, 0.010 in. thick foil

Core shear modulus: 275,000 psi

Core cell size: <0.5 in.²

Core density: 13.3 lb/ft³ (230 kg/m³)

Flatness: ± 0.005 in. (0.13 mm)

Top skin: 430 series ferromagnetic stainless steel, 1/8 in. thick (3 mm)

Sidewalls: Damped, formed steel channel, vinyl covered

Tapped holes: Backed by 1 in. (25 mm) long CleanTop II nylon cups

How to Order

1. Choose prefix from chart indicating desired damping level.
2. Choose basic part number for the required size from size chart.
3. Assign suffix indicating hole pattern required.

Model Number Example

Prefix	Basic	Suffix
773	— 455 —	02R
Series	Size	Hole Pattern
CleanTop™ II standard damping 1/8" top skin	4' x 8' x 8"	1/4-20 holes on 1" centers No laser port Radius corners

Prefix Chart

Damping Level	Prefix
Maximum dry damping	—
Standard dry damping	773
Nominal dry damping	771

Suffix Chart

Hole Patterns/Laser Ports

Suffix	Hole Pattern-Threads	Double Density	Laser Port
00R	No Holes	no	no
01R	1" centers - 1/4-20	no	yes
02R	1" centers - 1/4-20	no	no
11R	25 mm centers - M6	no	yes
12R	25 mm centers - M6	no	no
01DR	1" staggered centers - 1/4-20	yes	yes
02DR	1" staggered centers - 1/4-20	yes	no
11DR	25 mm staggered centers - M6	yes	yes
12DR	25 mm staggered centers - M6	yes	no

Size Chart — Basic Part Number

Surface Dimensions			8 in. Thick Tops (200 mm)	12 in. Thick Tops (300 mm)
in.	ft	m		
30 x 60		0.75 x 1.5	773 - 432	773 - 632
30 x 72		0.75 x 1.8	773 - 491	773 - 691
30 x 96		0.75 x 2.4	773 - 492	773 - 692
30 x 120		0.75 x 3.0	773 - 493	773 - 693
36 x 60	3 x 5	0.9 x 1.5	773 - 436	773 - 636
36 x 72	3 x 6	0.9 x 1.8	773 - 439	773 - 639
36 x 96	3 x 8	0.9 x 2.4	773 - 440	773 - 640
36 x 120	3 x 10	0.9 x 3.0	773 - 494	773 - 694
40 x 60		1.0 x 1.5	773 - 443	773 - 643
40 x 80		1.0 x 2.0	773 - 444	773 - 644
40 x 120		1.0 x 3.0	773 - 445	773 - 645
48 x 48	4 x 4	1.2 x 1.2	773 - 447	773 - 647
48 x 60	4 x 5	1.2 x 1.5	773 - 449	773 - 649
48 x 72	4 x 6	1.2 x 1.8	773 - 451	773 - 651
48 x 96	4 x 8	1.2 x 2.4	773 - 455	773 - 655
48 x 120	4 x 10	1.2 x 3.0	773 - 459	773 - 659
Weight Factor (WF) (approx.); Area x WF = Total Weight			0.190 lb/in. ² (0.013 kg/cm ²)	0.230 lb/in. ² (0.016 kg/cm ²)