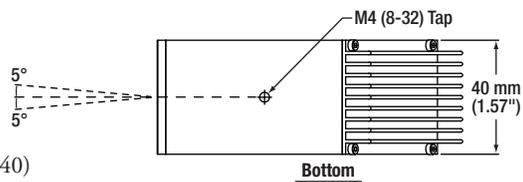
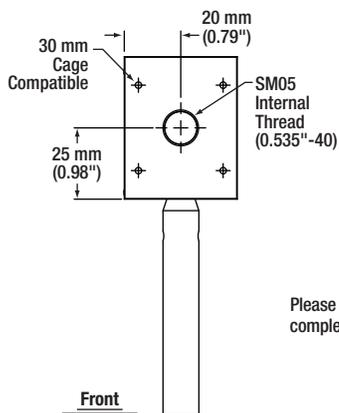


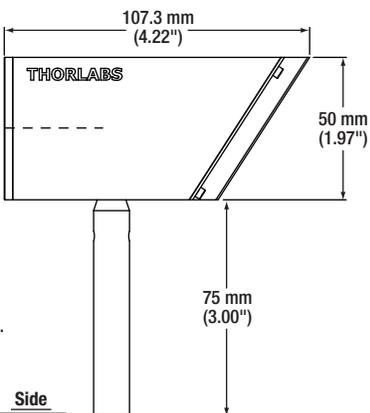
Beam Traps

- Minimizes Scattered Laser Light
- $\pm 5^\circ$ Acceptance Angle
- $\text{Ø}0.433''$ ($\text{Ø}11.0$ mm) Aperture
- 3" (75 mm) Long $\text{Ø}1/2''$ Post Included
- 30 mm Cage Compatible (See Pages 176 - 201)
- SM05-Threaded Aperture (0.535"-40)

NEW
products



Please refer to our website for complete models and drawings.



BT600
Removable $\text{Ø}1/2''$
Post Included

ITEM #	BT600	BT610
Wavelength Range	200 nm to 3.0 μm	400 nm to 2.5 μm
Entrance Aperture	$\text{Ø}0.433''$ ($\text{Ø}11$ mm)	$\text{Ø}0.433''$ ($\text{Ø}11$ mm)
Laser Type	CW	CW and Pulsed
Max Average Power ^a	80 W ^b	30 W
Max Average Power Density ^a	150 W/cm ²	15 W/cm ²
Max Average Energy Density ^a	30 mJ/cm ²	40 J/cm ² ^c
Backscatter ^d	2×10^{-4}	9×10^{-5}

a) Performance varies based on material variability.

b) The housing temperature will be $>100^\circ\text{C}$ for inputs >40 W.

c) @ 1064 nm, 10 ns, 10 Hz

d) Integrated backscatter based on fraction of power from the incident beam @ 633 nm.

Beam traps are common laser lab safety devices that are designed to absorb a laser beam's energy. To use, simply aim a beam into the $\text{Ø}0.433''$ ($\text{Ø}11.0$ mm) entrance aperture. The trap has a $\pm 5^\circ$ acceptance angle to simplify the alignment process. One TR3 (TR75/M) post is included with each beam trap.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
BT600	BT600/M	\$ 229.50	£ 165.24	€ 199,67	¥ 1,829.12	Beam Trap for CW Lasers
BT610	BT610/M	\$ 290.00	£ 208.80	€ 252,30	¥ 2,311.30	Beam Trap for Pulsed Lasers

Beam Block



LB1

- Absorbs CW Beams up to 10 W
- Includes 3" (75 mm) Long $\text{Ø}1/2''$ Post
- Large, 1.4" (35.6 mm) x 0.7" (17.8 mm) Target Area

The LB1 Beam Block is a compact solution, capable of absorbing CW laser beams up to 10 W. This beam block has a 1.4" x 0.7" (35.6 mm x 17.8 mm) aperture, which allows for larger beams and scattered light to be absorbed. An interchangeable $\text{Ø}1/2''$ x 3" ($\text{Ø}12.7$ mm x 75 mm) TR post (see page 93) is included with each LB1.

ITEM #	METRIC ITEM #	\$	£	€	RMB	DESCRIPTION
LB1	LB1/M	\$ 48.50	£ 34.92	€ 42,20	¥ 386.55	1.4" x 0.7" (35.6 mm x 17.8 mm) Beam Block

^{*}Imperial and Metric Compatible