

Tunable Laser Kits (Page 10 of 14) Half-Butterfly AR-Coated Gain Chip Mounts

- Mounts for Thorlabs 6-Pin Half-Butterfly Assemblies
- Select Mount Based on Gain Chip Exit Angle
- Zero Insertion Force Socket

NEW
products

TLK-P19



These half-butterfly gain chip mounts are designed to mount a 6-pin half-butterfly assembly in a Tunable Laser Kit. They angle the gain chip properly within the laser such that emitted light can be aligned to the external cavity. Half-butterfly mounts are available for 0°, 19.5°, and 26.5° exit angles. Please see the tables to the left to determine the exit angle of your gain chip.

ITEM #	\$	£	€	RMB	DESCRIPTION
TLK-P00	\$ 375.00	£ 270.00	€ 326,25	¥ 2,988.75	Half-Butterfly Top Plate, 0° Exit Angle
TLK-P19	\$ 375.00	£ 270.00	€ 326,25	¥ 2,988.75	Half-Butterfly Top Plate, 19.5° Exit Angle
TLK-P26	\$ 375.00	£ 270.00	€ 326,25	¥ 2,988.75	Half-Butterfly Top Plate, 26.5° Exit Angle

TO-Can AR-Coated Gain Chip Mounts



TLK-PM9

NEW
products

- Mounts for Ø5.6 mm or Ø9 mm TO-Can Diodes
- Diode Rotatable to Align Polarization to Laser Cavity
- Includes Thermoelectric Cooler

These TO-can gain chip mounts are designed to mount either a Ø5.6 mm or Ø9 mm diode in a Tunable Laser Kit. These allow customers to create a tunable laser at any wavelength a TO-can diode is available. AR-coated diodes typically offer broad tuning ranges that are desirable in tunable lasers, but standard laser diodes (see pages 1212 - 1248) may be used to create a narrow linewidth tunable laser with a small tuning range at a wide variety of wavelengths. Each mount includes adapters for both Ø5.6 mm and Ø9 mm diodes, but thermal grease must be re-applied between the adapter and thermoelectric cooler if the adapter is swapped from the pre-mounted one.

Note: To change the polarity of the diode socket, a breakout box with polarity switches is required. If your Tunable Laser Kit breakout box does not have polarity switches, please contact your local Thorlabs office.

ITEM #	\$	£	€	RMB	DESCRIPTION
TLK-PM5	\$ 680.00	£ 489.60	€ 591,60	¥ 5,419.60	TO-Can Diode Mounting Plate, For Ø5.6 mm Diodes
TLK-PM9	\$ 680.00	£ 489.60	€ 591,60	¥ 5,419.60	TO-Can Diode Mounting Plate, For Ø9 mm Diodes

**C-Mount
Diode Mount
Coming Soon!**

Base Module

The TLK-BM is the common platform on which all of our Tunable Laser Kits are built. It is offered primarily for customers who wish to construct a Tunable Laser Kit with a TO-can AR-coated diode. In addition to either Littman (grating, mirror module, grating platform) or Littrow (grating) components, a gain chip mounting plate, a gain chip, tuning actuator mount, tuning actuator, mode hop adjuster, collimating lens, focus adjuster, LD controller, and TEC controller must be purchased. The TLK-BM includes a controller breakout box with polarity switches.

NEW
product



ITEM #	\$	£	€	RMB	DESCRIPTION
TLK-BM	\$ 1,200.00	£ 864.00	€ 1,044,00	¥ 9,564.00	Tunable Laser Kit Base Module