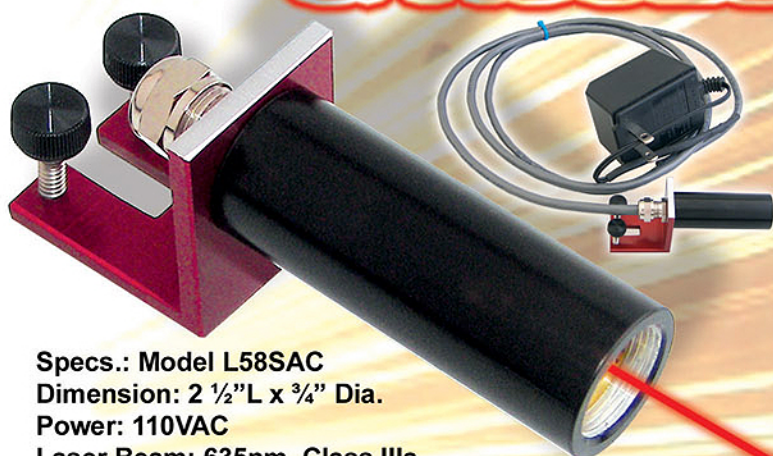


LASER

TOOLS CO., INC.

NEW
Ask About Our
Green Laser
Technology™

L58 ALIGNMENT LASERS & ACCESSORIES



Specs.: Model L58SAC
Dimension: 2 1/2" L x 3/4" Dia.
Power: 110VAC
Laser Beam: 635nm, Class IIIa

L58SAC Alignment Module

- 110VAC Operation – No wiring required
- Mounting Bracket Included – Easy Installation
- Bright 635nm Laser Beam – Draw dots or lines
- Economy Priced – Easy on the wallet!

Optional Accessories:

- WP58 Fine Beam Steering Optics
- AP15 Aperture Pack for Beam resizing



WP58 Fine Beam Steering Optics

- Precisely positions laser beam within 24" circle @ 100'
- Adjusts beam to be concentric to O.D. of laser tube.
- Moves laser beam to point of reference without moving mounting bracket.
- Tension loaded for stable alignments.



AP15 Aperture Pack

- Used for lowering laser beam's intensity and re-shaping the beam to 1/16", 3/32" or 1/8" Diameters.
- Works with all L58 style laser modules

Model L58DRL Center Point Alignment Laser

Used for locating the center of rotation of spindles and arbors including drill presses, lathes, mills, turning centers, collets and pneumatic feeds.

Can be used as a
Laser Plumb Bob



Center pin fits 1/4"
chucks or larger

Long Life Lithium Battery
operates over 2 hours

Beam Concentric to Center
Pin and O.D. of laser

Shown with WP58 Fine Beam
Steering Optics (optional)

24"
@
100'

Specs.: Model L58DRL
Dimension: 5 1/4" L x 3/4" Dia.
Power: 3VDC
Laser Beam: 635nm, Class IIIa

For Battery Replacement order
CR 1/3N Lithium 3 V Cell



ORDER NOW TOLL FREE
1.800.598.5973



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Why use Wedge Prisms for Beam Steering?



Wedge Prisms are transparent glass lenses with one side ground and polished at an angle. When a laser beam passes through a Wedge Prism, the laser beam will be deflected. If the Wedge Prism is rotated, the laser beam will move in a circle. If two are used, the laser beam will be steered anywhere within the circle precisely.

This means:

1. The laser beam can be calibrated to be concentric to the outside diameter, O.D., of the laser's case.
2. You can use the laser's case as a mounting reference for the laser's beam alignment.
3. The laser beam can be adjusted parallel to the bottom and side of the laser level's case.
4. The Wedge Prisms are impervious to shock by dropping, harsh laser tool usage, extreme temperature changes or rough handling for the life of the laser tool.
5. Outside shocks to the laser tool will not cause the Wedge Prisms to rotate. Only internal rotation of the Wedge Prisms themselves will cause the factory positioned laser beam to move.

Model L58DRL Center Point Alignment Laser

Used for locating the center of rotation of spindles and arbors including drill presses, lathes, mills, turning centers, collets and pneumatic feeds.



Conclusion:

The use of Wedge Prisms for laser beam steering and calibration is a more reliable and dependable design method compared to using set screws to hold a small laser module centered in a hollow tube or metal case. The mechanical set screw approach is just cheap. Using Wedge Prisms is superior and results in a stable and lasting approach to laser beam positioning.

CALL TOLL FREE FOR MORE INFORMATION AND TO ORDER NOW!

1.800.598.5973



Manufactured by: Laser Tools Co., Inc., 12101 Arch St., Little Rock, AR 72206 TEL: 501-562-0900 FAX: 501-562-0022
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