

Product	Description
B-12 Prism Bar (11113)	<p>Clinicians can use prism bars to determine phoria deviation when testing ocular alignment. Clinicians can also use prism bars to establish the measurements used for calculating the amount of correction needed in strabismus surgery and for monitoring changes in ocular alignment with recovery from muscle imbalance.</p> <p>Sizes: 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8 Diopter</p> <p>All of Gulden Ophthalmics' Prism Bars come in a leather sleeve.</p>
B-16 EZ View Prism Bar (11116)	<p>Sizes: 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 45 Diopter</p>
Bishop Alignment Prism Set (11311)	<p>The Bishop Alignment Set contains a metal plate, magnetic prisms of the following sizes: 0.5, 1, 2, 4, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50 Diopter, and a red lens. The magnetic prisms in the Bishop set have magnets on both the x and y axis of the prism. The Bishop tool was developed to provide advantages in measuring large angle strabismus prior to correction. The Bishop Alignment Prism Set also comes with a galvanized bishop plate that allows multiple prisms to be fixated upon it. Click the link (left) to learn more.</p>
BV-15 and B-16 Set (12124)	<p>Vertical Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30</p> <p>Horizontal Sizes: 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 45</p>
BV-15 EZ View Prism Bar (11117)	<p>Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30</p>
Combination Horizontal and Vertical Prism Bar (11313)	<p>When horizontal and vertical prism bars are used simultaneously in front of the same eye, they are customarily held back, to, back. This practice, however, reverses the rear prism bar from its usual position and results in an erroneous measurement. Gulden's new, combination prism bar resolves the problem by having the horizontal prism bar slide up and down in a channel affixed to the vertical prism bar. This ensures that the flat</p>

surfaces of both prism bars are held perpendicular to the direction of the fixation object.

Vertical Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30

Horizontal Sizes: 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 45

[LB-14 and LB-15 Set](#)
(11315)

Vertical Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25
Horizontal Sizes: 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40

[Maddox Phoria Measure](#)
(12136)

This product is used to **measure Anisophoria**, which is the change in the phoria away from the primary position. Features a large 25 mm diameter aperture. Indicates the effective prism power from 0 to 10 PD. Color is black.

[LB-14 Prism Bar](#)
(11111)

Large 28 x 30mm prism bar. Vertical Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 25

[LB-15 Prism Bar](#)
(11112)

Large 28 x 30mm prism bar. Horizontal sizes: 1, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40

[Magnetic S-16 Prism Set](#)
(11L17)

Magnets are positioned on the axis perpendicular to prism base. Sizes: 0.5, 1, 2, 4, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50 & Red Lens. Includes two magnetic sticks.

[MS-10 Prism Set/Maddox Rod](#)
(11310)

Includes Maddox rod and the following prism sizes: 0.5, 1, 2, 4, 6, 8, 10, 15, 20, 25.

[S-16U Prism Set](#)
(11317)

“Universal” prism shape. Includes Sizes: 0.5, 1, 2, 4, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50 & Red Lens.

[S-22U Prism Set](#)
(11323)

“Universal” prism shape. Includes sizes: 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 45, 50 & Red Lens.

[S-4 Prism Set](#)
(11304)

Includes Sizes: 5, 10, 15, 20 & Red Lens.

[S-8 Prism Set](#)
(11308)

Includes Sizes: 5, 10, 15, 20 & Red Lens. Two of each prism size are included.

[S-16 Long Prism Set](#)
(11L16)

Includes Sizes: 0.5, 1, 2, 4, 6, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45, 50 & Red Lens.

[S-22 Long Prism Set](#)
(11L22)

Includes Sizes: 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,12, 14, 16, 18, 20, 25, 30, 35, 40, 45, 50 & Red Lens

[S-22 Magnetic Stick Prism Set](#)
(11L23)

Magnets are positioned on the axis perpendicular to prism base. Includes Sizes: 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10,12, 14, 16, 18, 20, 25, 30, 35, 40, 45, 50 & Red Lens. Includes two magnetic sticks.

[SS-8 Prism Set](#)
(11318)

Includes Sizes: 3, 5, 8, 10, 12, 15, 20, 25 & Red Lens.

[Vergence Facility Prisms](#)
(11107)

Vergence facility prisms are designed to test for binocular vision disorders and can also be used in vision therapy. These prisms are composed of one base in and one base out diopter. They are available as loose prisms, stick prisms (polycarbonate rod attached), or magnetic prisms. Click the link to the left to learn more.

Technical Information:

Gulden's ophthalmic prism bars and prism sets have been re-engineered to solve the problem of birefringence which can hinder their use in certain clinical applications. Our exclusive prism bar manufacturing process greatly reduces optical strain, producing prisms that virtually eliminate clinical birefringent effects.

Prism birefringence can adversely affect your vectographic testing by degrading target contrast ("image washout"), or in extreme cases, by reversing the eye that sees the target ("vectographic reversal"). Birefringence occurs in ordinary prisms because of optical strain which is due to minute molecular misalignments that occur in plastic manufacturing. Our prisms are made of extremely high quality plastic, which are optically clear with an index of refraction of 1.49 and a light transmission value of 92%.

Our prism sets are calibrated in the frontal plane position (i.e., posterior surface parallel to spectacle plane) which produces superior diopter accuracy. Prism bars are available in our standard square shape (37 X 37 mm), or in our internationally popular "universal" shape which has two rounded corners for ease of use at various angles.