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Find the *Newport M-ID-1.0* at our website: *Click HERE*

These iris diaphragms provide adjustable optical apertures from 1.0 mm to as large as 41.3 mm for a variety of common optics applications such as optical beam alignment and attenuation. All three iris sizes available have at least 10 spring-steel leaves to provide a continuous and circular diaphragm opening and can be mounted to optical posts and pedestals.

- Three ranges of apertures provide irises with 1.0 to 41.3 mm openings
- Up to 18 overlapping spring-steel leaves form a round aperture
- Smooth, continuous iris diaphragm control
- Compatible with Newport mounts and positioners

See All Features



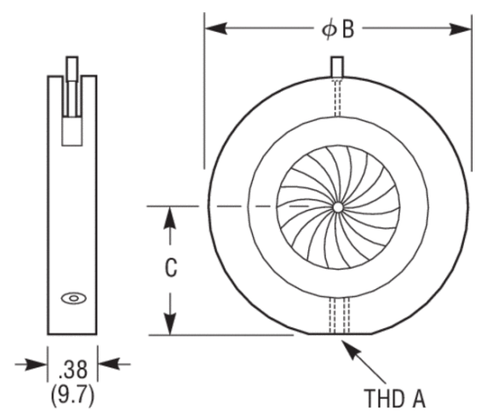
Compare	Model	Drawings, CAD & Specs	Availability	Price
(/p/ID-0.5)	**(/p/ID-0.5) ID-0.5 (/p/ID-0.5)** Iris Diaphragm, 1 to 11 mm Aperture Range, 10 Leaves		**In Stock**	**$43**
(/p/ID-0.5-PK)	**(/p/ID-0.5-PK) ID-0.5-PK (/p/ID-0.5-PK)** Iris Diaphragms, 1 - 11 mm Aperture Range, 8-32, 10 Leaves, Pack of 6		**In Stock**	**$212**
(/p/ID-1.0)	**(/p/ID-1.0) ID-1.0 (/p/ID-1.0)** Iris Diaphragm, 1.5 to 25 mm Aperture Range, 8-32, 14 Leaves		**In Stock**	**$53**
(/p/ID-1.0-PK)	**(/p/ID-1.0-PK) ID-1.0-PK (/p/ID-1.0-PK)** Iris Diaphragms, 1.5-25 mm Aperture Range, 8-32, 14 Leaves, Pack of 6		**In Stock**	**$263**
(/p/ID-1.5)	**(/p/ID-1.5) ID-1.5 (/p/ID-1.5)** Iris Diaphragm, 2.4 to 41.3 mm Aperture Range, 8-32, 18 Leaves		**In Stock**	**$75**
(/p/ID-1.5-PK)	**(/p/ID-1.5-PK) ID-1.5-PK (/p/ID-1.5-PK)** Iris Diaphragms, 2.4-41.3 mm Aperture, 8-32, 18 Leaves, Pack of 6		**In Stock**	**$371**
(/p/M-ID-1.0)	**(/p/M-ID-1.0) M-ID-1.0 (/p/M-ID-1.0)** Iris Diaphragm, 1.5 - 25 mm Aperture Range, M4 Thread, 14 Leaves		**In Stock**	**$53**
(/p/M-ID-1.0-PK)	**(/p/M-ID-1.0-PK) M-ID-1.0-PK (/p/M-ID-1.0-PK)** Iris Diaphragms, 1.5-25 mm Aperture, M4 Thread, 14 Leaves, Pack of 6		**In Stock**	**$263**
(/p/M-ID-1.5)	**(/p/M-ID-1.5) M-ID-1.5 (/p/M-ID-1.5)** Iris Diaphragm, 2.4 - 41.3 mm Aperture, M4 Thread, 18 Leaves		**In Stock**	**$75**
(/p/M-ID-1.5-PK)	**(/p/M-ID-1.5-PK) M-ID-1.5-PK (/p/M-ID-1.5-PK)** Iris Diaphragms, 2.4-41.3 mm Aperture, M4 Thread, 18 Leaves, Pack of 6		**In Stock**	**$371**

Features

Three Versions for a Wide Range of Aperture Sizes

Iris Diaphragms provide continuously variable apertures for a multitude of optical applications, such as beam alignment, light attenuation, or as baffles to block spurious reflections and scattered light. Three models are available with aperture size ranges of 1.0 mm to 11 mm, 1.5 mm to 25 mm, and 2.4 mm to 41.3 mm. Model ID-1.0 and ID-1.5 Irises mount directly to optical posts and pillars with an 8-32 threaded hole or M4 threaded hole for metric versions. The miniature ID-0.5 Iris mounts to posts, such as SP series posts, with the MH-2P Optic Holders.





MODEL ID-1.0/1.5

Continuously Adjustable Opening With Ideal Shape

For smooth adjustment and an optimal shape for the aperture opening, each iris consists of an array of curved, overlapping, spring-steel leaves that intersect into the circular opening. Up to 18 leaves adjust continuously between two supporting rings with the adjustment of a pin handle attached to the inner ring.

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Related Products



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