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



nam/celum/celum_assets/M-ID-1.0_800w.jpg?31)

Iris Diaphragm, 1.5 - 25 mm Aperture Range, M4 Thread, 14 Leaves

MODEL: M-ID-1.0

$53

In Stock

Compare Add to List (/favorite/add/product/M-ID-1.0)

CAD

Overview

The M-ID-1.0 Iris Diaphragm uses 14 leaves for a 1.5 to 25 mm aperture range. Designed for smooth adjustment and the best possible aperture shape, each iris consists of an array of curved, spring-steel leaves whose orientation is determined by the relative position of two rings. A pin handle on the inner ring lets you adjust the aperture without risk of obstructing the beam path. M-ID-1.0 Irises mount directly on Posts and Pedestals, and have Metric M4 thread. Iris Diaphragms provide continuously variable apertures for applications including setting the numerical aperture of a lens, controlling or measuring the intensity of a diffuse beam, or approximating beam diameters. They may also be used as baffles to reduce spurious reflections and scattered light.



Product Series Overview

Iris Diaphragms (/f/optical-iris-diaphragms)

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(/f/optical-iris-diaphragms)

Technical Specs

Type	Iris Diaphragm	**Optical Axis Height**	27.3 mm
Minimum Aperture	1.5 mm	**Number of Leaves**	14
Maximum Aperure	25 mm		
Thread Type	M4		

Resources & Downloads

2D / 3D CAD Software

Download CAD Files

Drawings And Cad

ID-1-0-1-525-S (/medias/sys_master/images/images/h40/hbf/8933933449246/ID-1-0-1-525-S.pdf) (73.9 kB, PDF)

Other

M-ID-1.0 RoHS Certificate (/mam/celum/celum_assets/resources/M-ID-1.0_RoHS2017.pdf?1) (278.6 kB, PDF)

Related Products

Accessories

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/p/BDK-1)	**BDK-1 (/p/BDK-1)** Ball driver Allen Wrench Set, Includes 9 Ball drivers		In Stock	$30
(/p/SK-25A)	**SK-25A (/p/SK-25A)** Black Oxide Screw Kit, 1/4-20, Assortment, Qty 261		In Stock	$53
(/p/BB-M)	**BB-M (/p/BB-M)** Optical Beam Block/Tool Holder, Magnetic-Base, Medium		In Stock	$27
(/p/AW-1)	**AW-1 (/p/AW-1)** Adaptor Washers, 1/4-20 (M6) to 8-32 (M4), Qty 10		In Stock	$15
(/p/SK-TA)	**SK-TA (/p/SK-TA)** Thread Adaptor Set, English		In Stock	$243

Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
(/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-1.5)	**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/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-DI47.50)	**M-DI47.50 (/p/M-DI47.50)** Iris Diaphragm, Continuously Variable 5 to 49 mm Aperture		In Stock	$190

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Compatible

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/M-PS-2)	**M-PS-2 (/p/M-PS-2)** Stainless Steel Optical Pedestal, 50.8 mm, 25.4 mm Diameter, M4		In Stock	$23
 (/p/PS-F)	**PS-F (/p/PS-F)** Slotted Clamping Fork, 1.0 in. Diameter Optical Pedestals		In Stock	$8.75
(/p/M-SP-2)	**M-SP-2 (/p/M-SP-2)** Optical Mounting Post, 50.8 mm, 12.7 mm Dia. Stainless Steel, M4 & M6		In Stock	$6
 (/p/M-VPH-2)	**M-VPH-2 (/p/M-VPH-2)** No Slip Optical Post Holder, 50.8 mm, 12.7 mm Diameter Posts, M6		In Stock	$15
 (/p/VPHV-2-F)	**VPHV-2-F (/p/VPHV-2-F)** Composite Optical Post Holder with Clamping Fork, 2.0 in. Height		In Stock	$15

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