

Newport M-ID-1.0  
**Iris Diaphragm**



**\$55.00**

**In Stock**

**Qty Available: 1**

**Used and in Excellent Condition**

**Open Web Page**

<https://www.artisanTG.com/99278-1>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source  
for quality pre-owned  
equipment.

**Artisan Technology Group**

(217) 352-9330 | [sales@artisanTG.com](mailto:sales@artisanTG.com) | [artisanTG.com](http://artisanTG.com)

- Critical and expedited services
- In stock / Ready-to-ship

- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

Products (/c/product) / Light Sources (/c/lasers-%26-light-sources) / Light Source Accessories (/c/light-source-accessories) / Apertures (/c/apertures) / Iris Diaphragms (/f/optical-iris-diaphragms) / M-ID-1.0

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)



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



## 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)

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

### Similar

Compare	Description	Drawings, CAD & Specs	Avail.	Price
 (/p/ID-1.0)	<b>ID-1.0 (/p/ID-1.0)</b> Iris Diaphragm, 1.5 to 25 mm Aperture Range, 8-32, 14 Leaves	 	In Stock	\$53
 (/p/ID-1.5)	<b>ID-1.5 (/p/ID-1.5)</b> Iris Diaphragm, 2.4 to 41.3 mm Aperture Range, 8-32, 18 Leaves	 	In Stock	\$75
 (/p/M-ID-1.5)	<b>M-ID-1.5 (/p/M-ID-1.5)</b> Iris Diaphragm, 2.4 - 41.3 mm Aperture, M4 Thread, 18 Leaves	 	In Stock	\$75
 (/p/M-DI47.50)	<b>M-DI47.50 (/p/M-DI47.50)</b> Iris Diaphragm, Continuously Variable 5 to 49 mm Aperture	 	In Stock	\$190

Compatible

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

©2019 Newport Corporation. All rights reserved.  (/contact-us/change-country-settings-form)

# Artisan Technology Group is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at [artisan<sup>tg</sup>.com](https://www.artisantg.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

**We're here to make your life easier. How can we help you today?**

(217) 352-9330 | [sales@artisan<sup>tg</sup>.com](mailto:sales@artisan<sup>tg</sup>.com) | [artisan<sup>tg</sup>.com](https://www.artisantg.com)

