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# 14mm Max. Aperture



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1 €68<sup>00</sup>

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Qty 1-4	€68,00 each
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Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

## General

Type: Unmounted

## Physical & Mechanical Properties

Maximum Aperture (mm):	14.0	Outer Diameter (mm):	22.0
Construction:	Aluminum Housing, Blue Tempered Spring Steel Leaves	Lever Diameter (mm):	4.00
Lever Length (mm):	12.0	Number of Leaves:	10
Thickness (mm):	6.00		

## Optical Properties

Minimum Aperture (mm):	1.0
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## Regulatory Compliance

RoHS 2015:	<b>Compliant</b>	Certificate of Conformance:	<a href="#">View</a>
Reach 247:	<b>Compliant</b>		

## Product Details

Used to Adjust f/#, Field Stop Diameter, and Overall Light Throughput

- Mounted Version Features a Tapped Hole for Post Mounting
- Abundant Types for Varying Applications

Standard Series Iris Diaphragms can provide control of system f/# (f/# = focal length/effective diameter), field stop diameter, and overall energy throughput when incorporated into standard optical systems. It should be noted that the location of the iris is critical to how it will affect the system. All of these diaphragms offer exceptionally smooth operation over the lever travel, from maximum to minimum aperture (approximately 90°). Mounted versions of these diaphragms feature a tapped hole for easy post mounting. Standard Series Iris Diaphragms have blued spring steel leave construction and are available with either a steel "pin" or plastic "tab." These diaphragms are specifically designed for OEM integration.

For specific OEM application assistance, please contact your local sales office.

**Note:** [Iris Diaphragm Mounts](#) sold separately.

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## Technical Information

Outside Diameter A	Maximum Aperture B	Minimum Aperture C	Thickness D	Stock No.
10.0	5.0	0.60	4.50	<a href="#">#54-352</a>
14.8	8.00	0.80	4.50	<a href="#">#32-623</a>
15.5	8.50	1.00	5.30	<a href="#">#42-124</a>
19.8	12.0	0.80	5.0	<a href="#">#30-263</a>
22.0	14.0	1.0	6.0	<a href="#">#42-123</a>
24.0	15.0	1.2	5.0	<a href="#">#32-622</a>
28.0	18.0	1.2	5.0	<a href="#">#32-621</a>
30.0	20.0	1.2	5.5	<a href="#">#35-111</a>
31.0	18.0	1.5	6.5	<a href="#">#36-623</a>
33.0	22.0	1.4	5.5	<a href="#">#32-620</a>
37.0	25.0	0.8	5.5	<a href="#">#35-110</a>
40.0	28.0	1.5	5.5	<a href="#">#42-122</a>
42.0	42.6	1.2	5.8	<a href="#">#40-997</a>
42.0	30.0	1.5	6.0	<a href="#">#64-500</a>
48.0	48.0	1.2	6.8	<a href="#">#40-998</a>
48.5	30.0	1.2	7.0	<a href="#">#42-121</a>
49.0	34.0	1.5	6.5	<a href="#">#41-972</a>
50.0	36.0	1.9	6.0	<a href="#">#32-619</a>
53.0	37.0	1.9	6.0	<a href="#">#32-618</a>
55.0	41.0	2.0	6.5	<a href="#">#41-973</a>
58.0	42.0	2.0	6.5	<a href="#">#30-118</a>
60.0	40.0	2.5	7.8	<a href="#">#36-624</a>
70.0	50.0	2.5	7.5	<a href="#">#32-617</a>
77.0	59.0	7.0	8.0	<a href="#">#32-616</a>
80.0	58.0	3.0	8.0	<a href="#">#32-615</a>
82.0	60.0	4.0	10.1	<a href="#">#36-625</a>
92.0	70.0	4.5	9.0	<a href="#">#32-614</a>
100.0	75.0	4.5	9.0	<a href="#">#30-264</a>
110.0	80.5	4.5	10.0	<a href="#">#32-613</a>
120.0	90.0	5.0	12.0	<a href="#">#32-612</a>
130.0	98.0	5.0	12.0	<a href="#">#32-611</a>
140.0	104.0	5.0	11.0	<a href="#">#32-610</a>
150.0	110.0	6.0	13.0	<a href="#">#60-644</a>
165.0	120.0	6.0	15.0	<a href="#">#32-609</a>
180.0	138.0	11.5	13.0	<a href="#">#32-608</a>
208.0	158.0	11.0	16.0	<a href="#">#70-894</a>
300.0	225.0	12.0	19.0	<a href="#">#70-895</a>

## Accessories

Note: Compatible accessories for in

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	Title	Compare	Stock Number		Buy
<a href="#">MORE+</a>	Ring Mount for #40-998		#03-671	€45,00 Volume Pricing   <a href="#">Request Quote</a>	20+ In Stock <input type="text" value="1"/>

## Related Products



C, S, and T-Mount Iris Diaphragm Mounts



#11-176 - Multi-Element Variable Aperture Joining Ring  
€182,00

Qty

## Frequently Purchased Together



#32-317 - 12.5mm Dia. x 50mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens  
€86,00

Qty



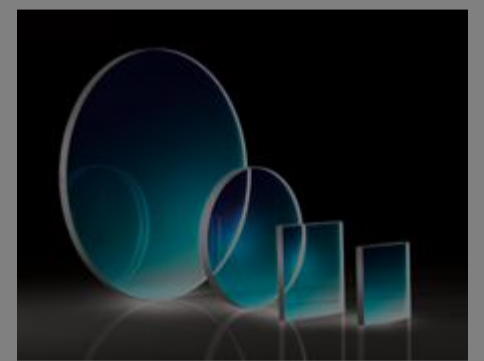
#32-323 - 25mm Dia. x 50mm FL, MgF<sub>2</sub> Coated, Achromatic Doublet Lens  
€122,00

Qty



#30-263 - 12mm Max. Aperture, Iris Diaphragm  
€44,00

Qty



#30-971 - 49mm Diameter Float Glass Window  
€25,50

Qty

## Resources

### Media Type

- Application Note
- FAQ
- Glossary

#### APPLICATION NOTE

Optical Cage System Application: Digital Video...

#### ? FAQ

You list reticles for both Magnifiers and...

#### ? FAQ

What is a scaled reticle?

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Darkfield  
Illumination

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