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## 12mm Maximum Aperture, Mounted Stainless Steel Iris Diaphragm



Stock #62-657 **5 In Stock**

⊖ 1 ⊕ MRP ₹7,617

● Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹7,617 each
Qty 5-9	₹6,760 each
Qty 10-25	₹6,255 each
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### General

Mounted **Type:**

### Physical & Mechanical Properties

12.0 **Maximum Aperture (mm):**

30.8 **Outer Diameter (mm):**

**Construction:**  
Blackened Brass Housing, Stainless Steel Leaves,  
Stainless Steel Pin Actuators

**Lever Diameter (mm):**  
3.00

**Lever Length (mm):**  
11.50

**Number of Leaves:**  
10.00

**Thickness (mm):**  
9.50

## Optical Properties

**Minimum Aperture (mm):**  
0.9

## Regulatory Compliance

**RoHS 2015:**  
[Exempt](#)

**Certificate of Conformance:**  
[View](#)

**Reach 235:**  
[Contains SVHC\(s\)](#)

**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Stainless Steel and Brass Construction for Stability
- Mounted Version Features both an English and Metric Tapped Hole for Easy Post Mounting
- Ideal for Flow Control Applications

Stainless Steel Series Iris Diaphragms are designed with stainless steel lever pins and leaves within a blackened brass housing. These diaphragms offer exceptionally smooth operation over the approximately 90° lever travel, from maximum to minimum aperture. Mounted versions of these diaphragms feature both a Metric and English tapped hole for easy post mounting. These diaphragms are offered with maximum apertures of 8 – 75mm, and with outer diameters ranging from 14.8 to 100mm. Stainless Steel Series Iris Diaphragms are ideal for dynamic control of beam width and light throughput in optical systems where environmental factors are a concern.

For specific OEM application assistance, please contact our [Applications Engineering Department](#).

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

## Technical Information

Outside Diameter A	Maximum Aperture B	Minimum Aperture C	Thickness D	Stock No.	
				Unmounted	Mounted
14.8	8.0	0.8	4.5	<a href="#">#62-650</a>	—
19.8	12.0	0.9	5.0	<a href="#">#53-910</a>	<a href="#">#62-657</a>
24.0	15.0	0.9	5.0	<a href="#">#64-501</a>	—
28.0	18.0	0.9	5.0	<a href="#">#62-651</a>	—
30.0	20.0	0.9	5.5	<a href="#">#64-502</a>	—
33.0	22.0	0.9	5.5	<a href="#">#64-503</a>	—
37.0	25.0	0.9	5.5	<a href="#">#53-911</a>	<a href="#">#62-658</a>
40.0	28.0	1.3	5.5	<a href="#">#64-504</a>	—
50.0	36.0	1.6	6.0	<a href="#">#64-505</a>	—
53.0	37.0	1.6	6.0	<a href="#">#53-912</a>	<a href="#">#62-659</a>
70.0	50.0	2.8	7.5	<a href="#">#53-913</a>	<a href="#">#62-660</a>
100.0	75.0	5.5	9.0	<a href="#">#62-652</a>	—