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5mm Max. Aperture, Mounted Iris Diaphragm

Stock **#23-242** **1 In Stock**

- 1 + **€88**.00

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Volume Pricing	
Qty 1-4	**€88,00** each
Qty 5-9	**€77,60** each
Qty 10-25	**€71,60** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Mounted

Physical & Mechanical Properties

Maximum Aperture (mm):
5.0

Outer Diameter (mm):
26.5

Construction:
Brass Housing, Blue Tempered Steel Leaves

Inner Diameter (mm):
10.0

Lever Diameter (mm):
1.50

Lever Length (mm):
7.50

Number of Leaves:
6.00

Thickness (mm):
4.50

Optical Properties

Minimum Aperture (mm):
0.6

Threading & Mounting

Mounting Threads:
8-32

Set Screw Thread:
4-40

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

Reach 235:
Contains SVHC(s)

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 black housing finish with lever actuators that are available in two styles: stainless steel “pin” or plastic “tab.” These diaphragms are specifically designed for OEM integration and general laboratory use.

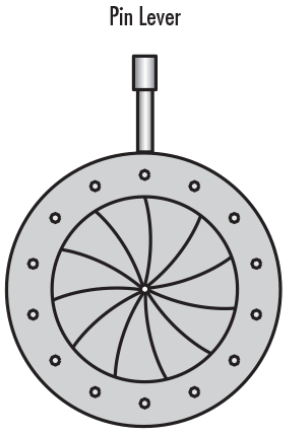
For specific OEM application assistance, please contact our **Applications Engineering Department**.

Note: **Iris Diaphragm Mounts** sold separately.

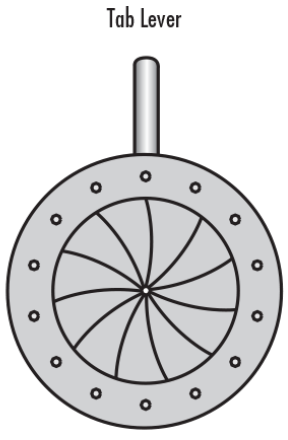
Technical Information

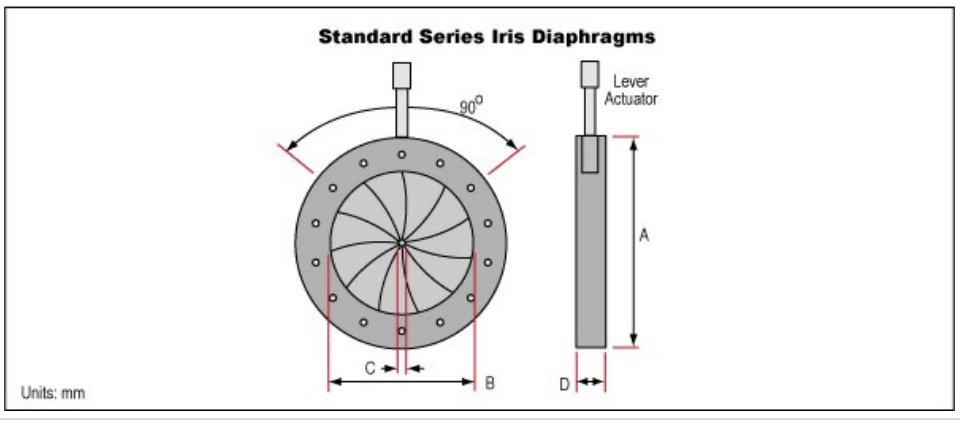
Types of Levers

Pin Lever



Tab Lever



Outside Diameter A	**Maximum Aperture B**	**Minimum Aperture C**	**Thickness D**	**Stock No.**
10.0	5.0	0.60	4.50	#54-352
14.8	8.00	0.80	4.50	#32-623
15.5	8.50	1.00	5.30	#42-124
19.8	12.0	0.80	5.0	#30-263
22.0	14.0	1.0	6.0	#42-123
24.0	15.0	1.2	5.0	#32-622
28.0	18.0	1.2	5.0	#32-621
30.0	20.0	1.2	5.5	#35-111

31.0	18.0	1.5	6.5	**#36-623**
33.0	22.0	1.4	5.5	**#32-620**
37.0	25.0	0.8	5.5	**#35-110**
40.0	28.0	1.5	5.5	**#42-122**
42.0	42.6	1.2	5.8	**#40-997**
42.0	30.0	1.5	6.0	**#64-500**
48.0	48.0	1.2	6.8	**#40-998**
48.5	30.0	1.2	7.0	**#42-121**
49.0	34.0	1.5	6.5	**#41-972**
50.0	36.0	1.9	6.0	**#32-619**
53.0	37.0	1.9	6.0	**#32-618**
55.0	41.0	2.0	6.5	**#41-973**
58.0	42.0	2.0	6.5	**#30-118**
60.0	40.0	2.5	7.8	**#36-624**
70.0	50.0	2.5	7.5	**#32-617**
77.0	59.0	7.0	8.0	**#32-616**
80.0	58.0	3.0	8.0	**#32-615**
82.0	60.0	4.0	10.1	**#36-625**
92.0	70.0	4.5	9.0	**#32-614**
100.0	75.0	4.5	9.0	**#30-264**
110.0	80.5	4.5	10.0	**#32-613**
120.0	90.0	5.0	12.0	**#32-612**
130.0	98.0	5.0	12.0	**#32-611**
140.0	104.0	5.0	11.0	**#32-610**
150.0	110.0	6.0	13.0	**#60-644**
165.0	120.0	6.0	15.0	**#32-609**
180.0	138.0	11.5	13.0	**#32-608**
208.0	158.0	11.0	16.0	**#70-894**
300.0	225.0	12.0	19.0	**#70-895**