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Find the *ThorLabs SM1D12C* at our website: *Click HERE*

Lever-Actuated, SM-Threaded Iris Diaphragms

- Lever-Actuated Design
- Black, Spring Steel Leaves
- Internally and Externally Threaded
- Compatible with all SM-Threaded Components

Mechanical Drawings Available on the WEB



SM1D12


SM2D25


SM3D50

ITEM#	$	£	€	RMB	MIN APERTURE	MAX APERTURE	THREADING*	THICKNESS
SM05D5	$ 49.00	£ 34.00	€ 43,60	¥ 413.80	Ø0.7 mm (Ø0.03")	Ø5 mm (Ø0.20")	SM05 (Ø0.535"-40)	0.37" (9.4 mm)
SM1D12	$ 50.70	£ 35.20	€ 45,10	¥ 428.20	Ø0.8 mm (Ø0.03")	Ø12 mm (Ø0.47")	SM1 (Ø1.035"-40)	0.42" (11 mm)
SM2D25	$ 84.70	£ 58.80	€ 75,20	¥ 715.30	Ø0.8 mm (Ø0.03")	Ø25 mm (Ø0.98")	SM2 (Ø2.035"-40)	0.58" (15 mm)
SM3D50	$ 160.00	£ 111.00	€ 142,10	¥ 1,351.10	Ø2.0 mm (Ø0.08")	Ø50 mm (Ø1.97")	SM3 (Ø3.035"-40)	0.63" (16 mm)

Stainless Steel, Zero-Aperture, Threaded Iris Diaphragms



SM1D12SZ

Stainless Steel Leaves Fully Close

- Lever-Actuated Design
- Internally and Externally Threaded
- Stainless Steel Leaves for use with Higher Powers


SM1D12SS

ITEM#	$	£	€	RMB	MIN APERTURE	MAX APERTURE	THREADING*	THICKNESS
SM1D12SS*	$ 52.50	£ 36.40	€ 46,70	¥ 443.40	Ø0.9 mm (Ø0.03")	Ø12 mm (Ø0.47")	SM1 (Ø1.035"-40)	0.20" (5.0 mm)
SM1D12SZ*	$ 63.00	£ 43.70	€ 56,00	¥ 532.00	0	Ø12 mm (Ø0.47")	SM1 (Ø1.035"-40)	0.44" (11.2 mm)

*Iris has internal threading on one side and external threading on the other.

Ring-Actuated, Threaded Iris Diaphragms

- Ring Actuation is Ideal for Space-Constrained Applications
- SM Threading Compatible (See Pages 123-143)


SM2D25D
Outer Ring Rotates to Activate Iris


SM1D12D
Outer Ring Rotates to Activate Iris



The SM1D12D and SM2D25D Ring-Actuated Threaded Iris Diaphragms are equipped with both internal and external SM series threads, making them compatible with our SM1 and SM2 series components, respectively. The lockable aperture adjustment ring allows the iris to be used in tighter spaces where clearance for a lever-actuated design is not possible. In addition, the ring actuation makes this iris diaphragm ideal for cage system applications where a cage rod would interfere with the operation of a lever-actuated iris diaphragm.

Please refer to our website for complete models and drawings.

ITEM#	$	£	€	RMB	MIN APERTURE	MAX APERTURE	THREADING*
SM1D12D	$ 58.10	£ 40.30	€ 51,60	¥ 490.60	Ø0.03" (Ø0.8 mm)	Ø0.50" (Ø13 mm)	SM1 (Ø1.035"-40)
SM2D25D	$ 75.50	£ 52.40	€ 67,10	¥ 637.60	Ø0.04" (Ø1.0 mm)	Ø0.98" (Ø25 mm)	SM2 (Ø2.035"-40)

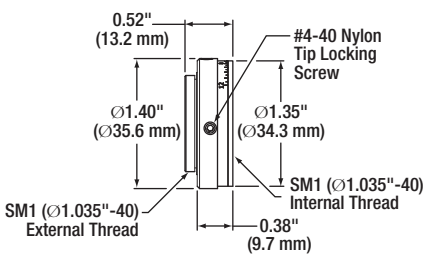
*Iris has internal threading on one side and external threading on the other.

Calibrated, Ring-Actuated Iris Diaphragm



SM1D12C

This calibrated iris diaphragm is graduated in millimeters with laser-engraved markings every 0.5 mm. The front knurled section rotates, allowing the size of the aperture to be continuously adjusted from Ø1.0 mm (Ø0.04") to Ø12.0 mm (Ø0.47").



Please refer to our website for complete models and drawings.

ITEM#	$	£	€	RMB	MIN APERTURE	MAX APERTURE	THREADING*
SM1D12C	$ 90.80	£ 63.00	€ 80,70	¥ 766.80	Ø1 mm (Ø0.04")	Ø12 mm (Ø0.47")	SM1 (Ø1.035"-40)

*Iris has internal threading on one side and external threading on the other.

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