

Precision Air Slits

Applications

These elements may be used as entrance, exit or intermediate optical slits for spectrometers, photometers and monochromators, or for fourier/optical image analysis and other wavelength discrimination demonstrations.



Precision Air Slit

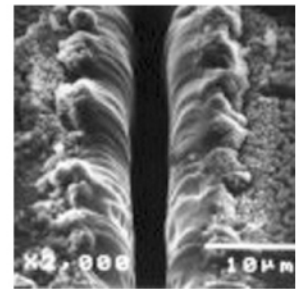
Specifications

Diameter	Ø9.5mm +.025/- .050mm
Thickness	0.013mm
Slit widths	5 μ to 200 μ
Slit length	3mm
Centering	◎ ±0.1mm
Material	SS-304

Part No.	Slit width (μ)	Tol. ±%
A-SLIT-3/8-DISC-5	5	20
A-SLIT-3/8-DISC-10	10	10
A-SLIT-3/8-DISC-25	25	10
A-SLIT-3/8-DISC-50	50	10
A-SLIT-3/8-DISC-100	100	5
A-SLIT-3/8-DISC-150	150	5
A-SLIT-3/8-DISC-200	200	5
A-SLIT-3/8-DISC-SET	Complete set	5

*These apertures are unmounted

*For optional aperture mounting parts add part # MT-25 or MT-16



SEM Slit Shot

Blackened Air Slits

Applications

These blackened precision air slits may be used for optical applications requiring high resolution and low backscatter (stray reflected photons) for the input or output surfaces of the disc.



Blackened Air Slit

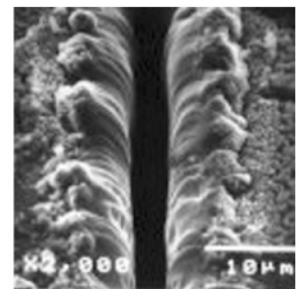
Specifications

Diameter	Ø9.5mm +.025/- .050mm
Thickness	0.013mm
Slit widths	5 μ to 200 μ
Slit length	3mm
Centering	◎ ±0.1mm
Tolerance	± 10%
Finish	Blackened
Material	SS-304

Part No.	Slit width (μ)
BL-A-SLIT-3/8-DISC-5	5
BL-A-SLIT-3/8-DISC-10	10
BL-A-SLIT-3/8-DISC-25	25
BL-A-SLIT-3/8-DISC-50	50
BL-A-SLIT-3/8-DISC-100	100
BL-A-SLIT-3/8-DISC-150	150
BL-A-SLIT-3/8-DISC-200	200
BL-A-SLIT-3/8-DISC-SET	set

*These apertures are unmounted

*For optional aperture mounting parts add part # MT-25 or MT-16



SEM Slit Shot