

Precision Air Slits

The precision air slits are formed by etching a thin foil of stainless steel. They are extremely light and compact being highly suitable for OEM applications. If required these slits can be supplied with a black coating on the reverse and mounted on a one inch diameter blackened disc for protection and ease of handling.

Specifications & Tolerances

Diameter: 9.5mm

Slit length: 3mm

Slit width: $\pm 10\%$ (5 micron slit is $\pm 20\%$)

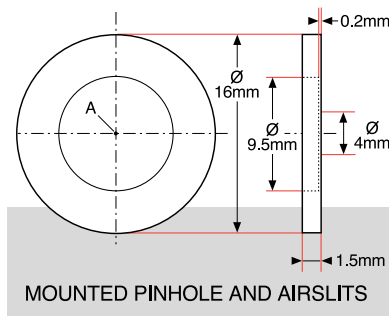
Thickness: 12.5 microns

Centration: $\pm 0.1\text{mm}$

Material: Non-magnetic stainless steel

Precision Air Slits

		Unmounted		Mounted	
Slit Width (μm)	Price	PART NUMBER	Price	PART NUMBER	
5.0		088-1120		088-1121	
10.0		088-1130		088-1131	
25.0		088-1140		088-1141	
50.0		088-1150		088-1151	
100.0		088-1160		088-1161	



For pinholes and slits **mounted** on 25mm diameter blackened disc **append -M** and add \$25 to the price.

Pinholes and Precision Air Slits fit directly into the mounts on page 303 and the spatial filter on page 304. Mounting gives extra strength and protection enabling them to be stored and handled more easily.

The best advice we can offer about cleaning pinholes and slits is to work scrupulously to avoid getting them dirty. Having said this, dirt will sometimes accumulate in these tiny apertures and needs to be cleaned out. We suggest first trying to clean them with a gentle stream of a dry clean neutral gas. If this fails to dislodge the particle, we would then suggest immersion in alcohol or the use of an ultrasonic bath. Acetone should be avoided as it will dissolve the cement used in the mounted versions of these devices.

If you need one of our slits or pinholes as soon as possible - just ask for next-day delivery. We try very hard to keep all of our precision apertures in stock for immediate shipment. So you won't find yourself caught trying to finish a project without the correct product.

ORDERING
&
TECHNICAL SUPPORT
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