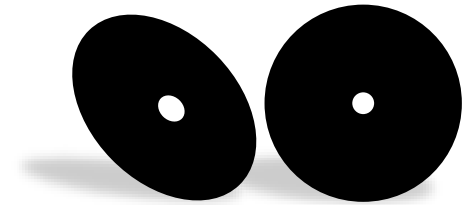


Blackened Precision Pinhole

Product Description

PA-1-2-AAA – 2 Sides Blackened Precision Pinhole

High precision pinhole, 2 sides coated by Acktar Vacuum Black.
Wide-band, low reflectance from UV through VIS to MWIR coating.
Internal aperture edge coated.



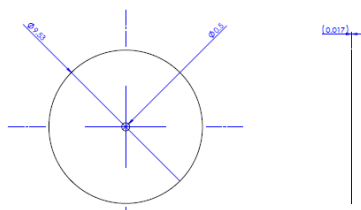
Specifications

- ❖ Thickness: 0.0007 inch (17 μ m)
- ❖ Positioning tolerance (centricity): 0.004 inch (0.1mm)
- ❖ Pinhole size: AAA μ m
AAA = 20 μ m, 25 μ m, 30 μ m, 35 μ m, 40 μ m, 50 μ m, 75 μ m, 100 μ m, 150 μ m, 200 μ m, 300 μ m, 400 μ m, 500 μ m, 600 μ m, 700 μ m, 800 μ m, 900 μ m, 1000 μ m
- ❖ Aperture OD: 9.53mm
- ❖ 2 sides blackened
- ❖ Tolerances table:

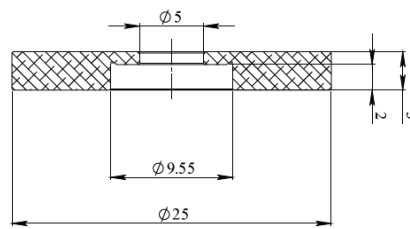
Size range	Tolerance
10 μ m - 35 μ m	$\pm 2.5\mu$ m
40 μ m - 300 μ m	$\pm 3\mu$ m
400 μ m - 600 μ m	$\pm 5\mu$ m
700 μ m - 900 μ m	$\pm 7\mu$ m
1000 μ m - 3000 μ m	$\pm 10\mu$ m



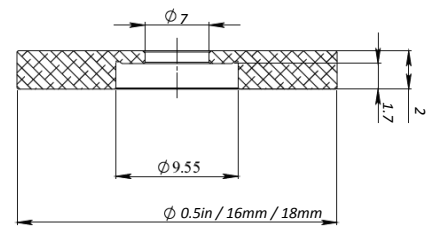
- ❖ Mount OD (optional): 25mm – standard; 0.5 inch, 16mm, 18mm – optional



Unmounted pinhole 500 μ m



Standard mount 25mm OD



Optional mounts

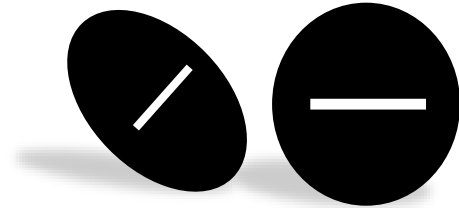
Acktar Ltd.

Blackened Precision Air Slit

Product Description

PA-2-2-BBx3 – 2 Sides Blackened Precision Air Slit

High precision air slit, 2 sides coated by Acktar Vacuum Black.
Wide-band, low reflectance from UV through VIS to MWIR coating.
Internal aperture edge coated.



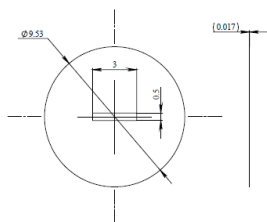
Specifications

- ❖ Thickness: 0.0007 inch (17µm)
- ❖ Positioning tolerance (centricity): 0.004 inch (0.1mm)
- ❖ Slit size: BBµm x 3mm
BB = 25µm, 50µm, 75µm, 100µm, 150µm, 200µm, 500µm, 1000µm
- ❖ Aperture OD: 9.53mm
- ❖ 2 sides blackened
- ❖ Tolerances table:

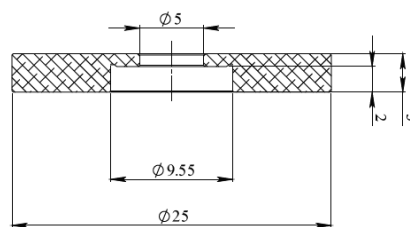
Size range	Tolerance
10µm - 35µm	±2.5µm
40µm - 300µm	±3µm
400µm - 600µm	±5µm
700µm - 900µm	±7µm
1000µm - 3000µm	±10µm



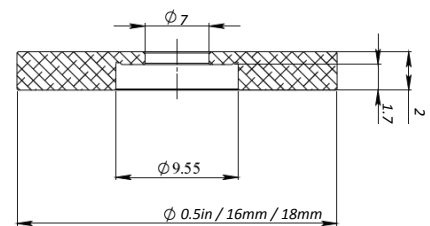
- ❖ Mount OD (optional): 25mm – standard; 0.5 inch, 16mm, 18mm – optional



Unmounted Air slit 500µm



Standard mount 25mm OD



Optional mounts

Acktar Ltd.

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