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**1-800-49-HOLES(46537)**

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# Diamond Air Slit

\$103.00 – \$146.96



<b>MOUNT</b>	Unmounted
<b>SLIT WIDTH</b>	100 Micron

\$103.00

Please [contact us](#) for availability

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**SKU: HP-SLIT-3/8-DISC-DIA-100**

All products are fully customizable including materials, please [contact us](#) with requests.

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## Description

High energy and high power diamond slits are intended to be used in the optical transfer assembly of a system using a powerful laser as a source. For Q-Switching applications, consider a highly reflective slit disc surface and a very high melting temperature disc material. We will custom fabricate aperture mounts to comply with the parameters of your assembly environment.

### Specifications

<b>Diameter</b>	9.5mm +0.025 / -0.050mm (0.374in +0.000984 / -0.00197in)
<b>Thickness</b>	0.2mm (0.00787in)
<b>Slit Widths</b>	5 – 250µ (0.000197 – 0.00984in)
<b>Slit Lengths</b>	1mm (0.0394in)
<b>Centering</b>	±0.1mm (±0.00374in)

### Slit Tolerances

Diameter	Tolerance +/-
5 µm	20%
10 – 250 µm	10%

Orders will be shipped within **5-7 business days** (estimated shipping time not included).

**Need Custom Performances?**  
If a desired product or option(s) is not listed, please contact us for quotes, orders or questions.  
(410) 592-3106

Please [Contact Us](#) if you have any questions or to discuss other terms.

Unit Conversion Calculator

Microns

to  Inches (i)

**Please enter a value to calculate.**

[+ Unit Conversion Chart](#)

<b>Material</b>	CVD 100% Diamond mounted in a 3/8" Copper Disc
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Lenox Laser, Inc.

12530 Manor Rd.  
Glen Arm, MD 21057

1 (800) 49-HOLES (46537)  
(410) 592-5300  
1 (410) 592-3362 (Fax)



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