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Positive 1" x 3", Dot and Square Calibration Target



Positive 1" x 3", #62-268

Stock **#62-268** [CONTACT US](#)

⊖ 1 ⊕ C\$903⁰⁰

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Volume Pricing	
Qty 1-4	C\$903.00 each
Qty 5+	C\$858.76 each
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General

Positive Target **Type:**

Included **NIST Certification:**

Physical & Mechanical Properties

±0.02 **Dimensional Tolerance (inches):**

Pattern Size (mm):

0.5 to 10

Dimensions (inches):

1 x 3

Thickness (inches):

0.060

Thickness Tolerance (inches):

±0.001

Parallelism (inches):

0.005

Pattern Tolerance (µm):

±2.5

Optical Properties

Substrate:

Float Glass

Surface Quality:

20-10

Surface Flatness (P-V):

<4λ

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 240:

[Compliant](#)

Product Details

- Designed for Measurement Calibration
- Positive or Negative Chrome Patterns on Glass
- High Contrast Target for Imaging with Elements from 0.5 to 10mm
- NIST Traceability Certificate Included

These targets provide a highly accurate reference for feature sizes of circles and squares and are ideal for testing the accuracy of non-contact metrology systems, especially those vulnerable to distortion and blooming. The precision pattern is formed in Low Reflection Chromium on a stable Float Glass substrate in standard microscope slide format. The low reflection pattern surface provides high contrast against a light background, ideal for diffuse or coaxial illumination applications. The pattern is applied to the first surface and features both circles and squares in 0.5mm and whole-number-sized increments from 1mm to 10mm. The Positive Target features an opaque pattern on a clear background, whereas the Negative Target features a clear pattern on an opaque background.