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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 [-](#) [+](#) MRP ₹68,499

Price inclusive of all taxes

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### Volume Pricing

Qty 1-4	₹68,499 each
Qty 5+	₹65,143 each
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### Product Downloads

### General

Type: Positive Target

Included: NIST Certification:

### Physical & Mechanical Properties

Dimensional Tolerance (inches): ±0.02

0.5 to 10	<b>Pattern Size (mm):</b>
1 x 3	<b>Dimensions (inches):</b>
0.060	<b>Thickness (inches):</b>
±0.001	<b>Thickness Tolerance (inches):</b>
0.005	<b>Parallelism (inches):</b>
±2.5	<b>Pattern Tolerance (µm):</b>

## Optical Properties

Float Glass	<b>Substrate:</b> □
20-10	<b>Surface Quality:</b>
<4λ	<b>Surface Flatness (P-V):</b>

## Regulatory Compliance

<b>Compliant</b>	<b>RoHS 2015:</b>
<b>View</b>	<b>Certificate of Conformance:</b>
<b>Compliant</b>	<b>Reach 240:</b>
United States	<b>Country of Origin:</b>
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	<b>Imported By:</b>

## 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.