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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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General

Type:
Positive Target

NIST Certification:
Included

Physical & Mechanical Properties

Dimensional Tolerance (inches):
±0.02

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

Country of Origin:
United States

Imported By:
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

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.

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