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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 ⊕ £516⁰⁰

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Volume Pricing	
Qty 1-4	£516.00 each
Qty 5+	£490.72 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Positive Target **Type:**
Included **NIST Certification:**

Physical & Mechanical Properties

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

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

Optical Properties

Float Glass	Substrate: <input type="checkbox"/>
20-10	Surface Quality:
<4λ	Surface Flatness (P-V):

Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 240:

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.