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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 ⊕ £516.<sup>00</sup>

**ADD TO CART**

| 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 | <b>Pattern Size (mm):</b>            |
| 1 x3      | <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> <input type="checkbox"/> |
| 20-10       | <b>Surface Quality:</b>                    |
| <4λ         | <b>Surface Flatness (P-V):</b>             |

## Regulatory Compliance

|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |
| <a href="#">Compliant</a> | <b>Reach 240:</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.