

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



Positive 1" x 3", #62-268

Stock **#62-268** 20+ In Stock

-

1

+

€645<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €645,00 each                  |
| Qty 5+         | €613,40 each                  |
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Prices shown are exclusive of VAT/local taxes

Product Downloads

| General             |                 |
|---------------------|-----------------|
| Type:               | Positive Target |
| NIST Certification: | Included        |

| Physical & Mechanical Properties |       |
|----------------------------------|-------|
| Dimensional Tolerance (inches):  | ±0.02 |

|           |                               |
|-----------|-------------------------------|
| 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:              |
| 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.