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# 1-512, 101.6 x 101.6mm NBS 1963A Negative Target



NBS 1963A Resolution Target

Stock #85-280 [CONTACT US](#)

⊖ 1 ⊕ €895<sup>00</sup>

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Volume Pricing	
Qty 1-4	€895,00 each
Qty 5+	€850,90 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

Negative **Type:**  
Pattern Location is Centered **Note:**

No **NIST Certification:**

**Changes in Frequency Steps:**  
1.1, 1.25, 1.4, 1.6, 1.8, 2.0, 2.2, 2.5, 2.8, 3.2, 3.6, 4.0 ,

4.5, 5.0, 5.6, 6.3, 7.1, 8.0, 9.0, 10.0, 11.0, 12.5, 14.0, 16.0, 18.0, 20.0, 23.0, 26.0, 29.0, 32.0, 40.0, 45.0, 51.0, 57.0, 64.0, 72.0, 80.0, 90.0, 101.0, 114, 128, 143, 161, 180, 203, 227, 255, 287, 322, 361, 405, 455, 512

## Physical & Mechanical Properties

42.0 x 40.5 **Pattern Size (mm):**

101.6 x 101.6 **Dimensions (mm):**

1.50 ±0.100 **Thickness (mm):**

±0.100 **Dimensional Tolerance (mm):**

±12.1 - 0.7 **Line Width Tolerance (µm):**

## Optical Properties

Vacuum deposited durable chromium pattern **Coating:**

1-512 **Frequency (lp/mm):**

Float Glass **Substrate:**

≥3.0 **Optical Density OD (Average):**

60-40 **Surface Quality:**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 235:**

## Product Details

- Negative or Positive Patterns
- Complies With NBS Standard 1010A
- Frequency Range From 1-512 Cycles/mm

NBS 1963A Resolution Targets utilize the National Bureau of Standards 1963A Resolution Pattern. The slides are ideal for precision optical testing. These slides have a frequency range from 1-512 cycles/mm. NBS 1963A Resolution Target slides are available in either positive (black pattern, clear field) or negative (clear pattern, black field). Each slide is boxed.