

[See all 11 Products in Family](#)

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



NBS 1963A Resolution Target

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

-

1

+

£716<sup>00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | £716.00 each                  |
| Qty 5+         | £680.72 each                  |
| Need More?     | <a href="#">Request Quote</a> |

**!** 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:<br>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 x40.5      **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.