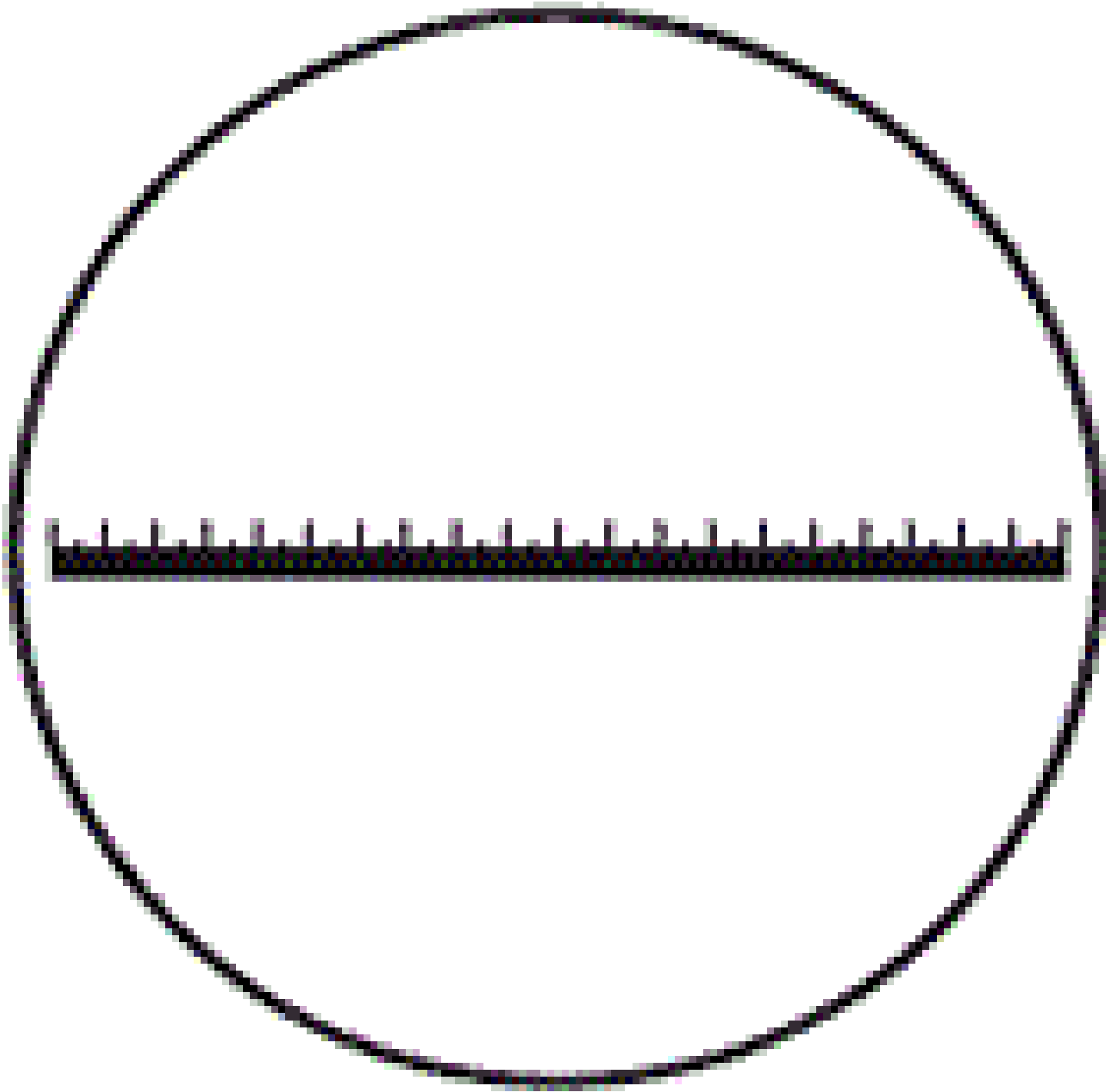
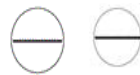


[See all 10 Products in Family](#)

27mm Diameter, Metric Straight Line, Contact Reticle



#30-323 Straight Line Scale



Stock **#30-323** **20+ In Stock**

1 MRP ₹8,177

Price inclusive of all taxes

ADD TO CART

Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-4 | ₹8,177 each |
| Qty 5-9 | ₹7,689 each |
| Qty 10+ | ₹7,328 each |
| Need More? | Request Quote |

Product Downloads

General

Metric Straight Line Scale **Type:**

Physical & Mechanical Properties

Diameter (mm):

27.00 ±0.05

Thickness (mm):

2.28 ±0.127

Line to Line Accuracy (µm):

±2

Parallelism (arcsec):

<30

Centering (mm):

0.25

Line Thickness (µm):

25.00

Line Thickness Tolerance (µm):

±13

Optical Properties

Angle Tolerance (arcsec):

±1

Surface Quality:

60-40

Surface Flatness (P-V):

3 - 4λ

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

[View](#)

Reach 240:

Compliant

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

Metric Scale: numbered every 1.0mm
26, 27 and 35mm Diameters: 0-20mm in 0.1mm increments
21mm Diameter: 0-15mm in 0.1mm increments

- Greater Stability than Film Reticles
- Low Reflection Chrome Pattern
- English and Metric Styles

Linear Scale Contact Reticles offer greater stability than film reticles which can bend, warp, and easily be damaged. Patterns are low reflection chrome deposition for high contrast and easy readability. Markings are on the outside of the reticle, so the scales are always in direct contact with the object under view. This provides optimum focus and accurate measurements. Linear Scale Contact Reticles are available in English and Metric styles.

Our 27mm diameter reticles for use with our [6X and 9X comparators](#) and our 26mm and 35mm diameter reticles for use with our [Peak Measuring Loupes](#) and our [Peak Illuminated Magnifiers](#). Please note the field of view specified for the magnifiers before selecting a magnifier/reticle combination. For example, the 5/8" (16mm) field of view for a 12X comparator may not be suitable for use with a reticle that has a 3/4" (20mm) scale if the full scale is needed.