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## 20X to 100X Multi-Function Target



Stock #56-077 CLEARANCE 3 In Stock

- 1 + MRP ₹2,30,985

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	₹2,30,985 each
Qty 5+	₹2,19,505 each
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### Product Downloads

### Physical & Mechanical Properties

1 x3	Dimensions (inches):
9.00	Thickness (mm):
±1.0	Overall Accuracy (µm):
1.00	Parallelism (arcmin):

## Optical Properties

Evaporated Chrome Pattern **Coating:**  
**Fused Silica** (Corning 7980) **Substrate:** □

10-2 **Surface Quality:**  
 3 - 4λ **Surface Flatness (P-V):**

## Regulatory Compliance

**Compliant** **RoHS 2015:**  
**View** **Certificate of Conformance:**

**Compliant** **Reach 240:**

United States **Country of Origin:**

**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

- Designed for Measurement Calibration; Ideal for Microscopes and Machine Vision Systems
- Includes Ronchi Rulings, Concentric Circles, Square Grids, and a Linear Microscale
- Two Targets Available for Different Magnifications
- NIST Certificate of Accuracy Included

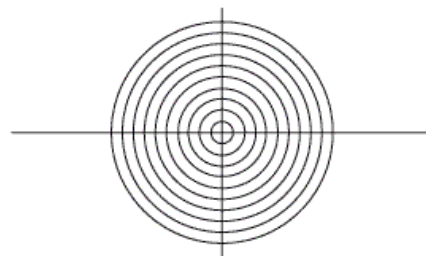
Use these "all-in-one" targets to measure microscope and vision system parameters, without separate calibration targets. Targets will test and calibrate our Mtutoyo objectives, Zeiss microscopes, and high magnification video lenses for resolution, distortion, and depth of field (DOF). Targets include variable frequency Ronchi rulings, sets of grids and concentric circles with varying line spacings and widths, a microscale, and edge blocks to prop up target for DOF measurements. A user information card, complete manual on CD, and NIST certificate are provided.

Use Low Frequency Target for optical systems with 4X to 20X objectives. Target is useful for machine vision systems with low magnifications and long focal distances.

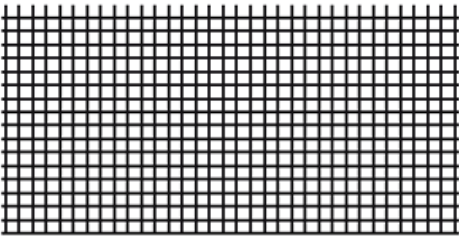
Use High Frequency Target for optical systems with 20X to 100X objectives. Target is useful for microscopes and other systems with high magnifications and short focal distances.

## Technical Information

Outer Diameter (mm)	Line Spacing (mm)	Line Width (µm)
5.0	0.25	20
4.0	0.25	15
3.0	0.25	10
2.0	0.10	7.5
1.0	0.10	5



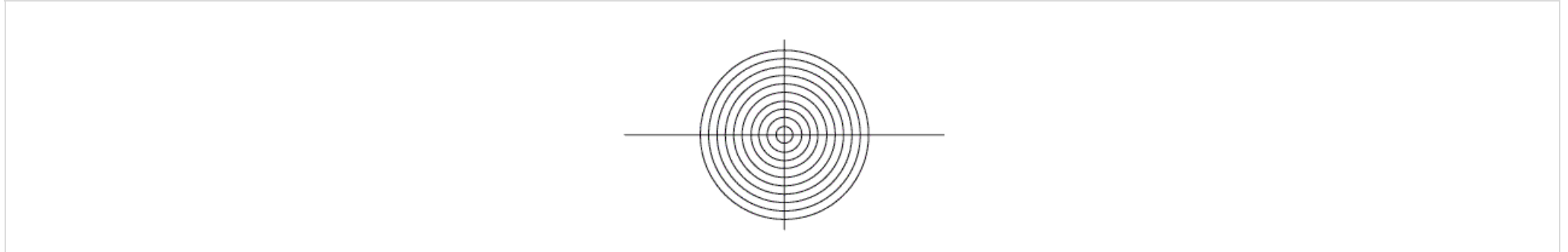
Width (mm)	Line Spacing (mm)	Line Width (µm)
4.5	0.25	20
4.5	0.25	15
4.5	0.25	10
4.5	0.10	15
4.5	0.10	10
4.5	0.10	5
2.55	0.075	10
2.55	0.075	5
2.55	0.050	5

2.55	0.050	2.5
		

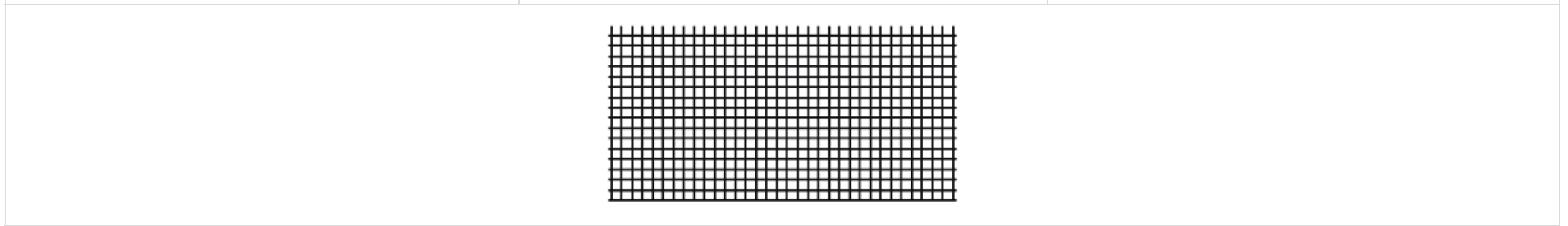
Range (lp/mm)	Frequency Change (lp/mm)
60 - 380	20

Length (mm)	Divisions/mm	Microns/divisions
0 - 68.2	20	50

Outer Diameter (mm)	Line Spacing (mm)	Line Width (µm)
3.0	0.25	10
2.0	0.10	7.5
1.5	0.10	5
1.0	0.05	5
1.0	0.05	2.5



Width (mm)	Line Spacing (mm)	Line Width (µm)
3.0	0.25	10
3.0	0.25	7.5
3.0	0.25	5
3.0	0.10	10
3.0	0.10	7.5
3.0	0.10	5
2.55	0.075	10
2.55	0.075	5
2.55	0.050	5
2.55	0.050	2.5



Range (lp/mm)	Frequency Change (lp/mm)
240 - 600	10

Length (mm)	Divisions/mm	Microns/divisions
0 - 68.2	20	50