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NIST Traceable Scratch Dig Standards



- Feature Requirements in Accordance with ISO 10110-7 & ISO 14997
- First Surface Pattern for System Calibration or Coating Inspection
- Second Surface Pattern for Measuring Surface Defects

Common Specifications

General

Note:	Standards are for comparing optics against ISO 10110 specifications.
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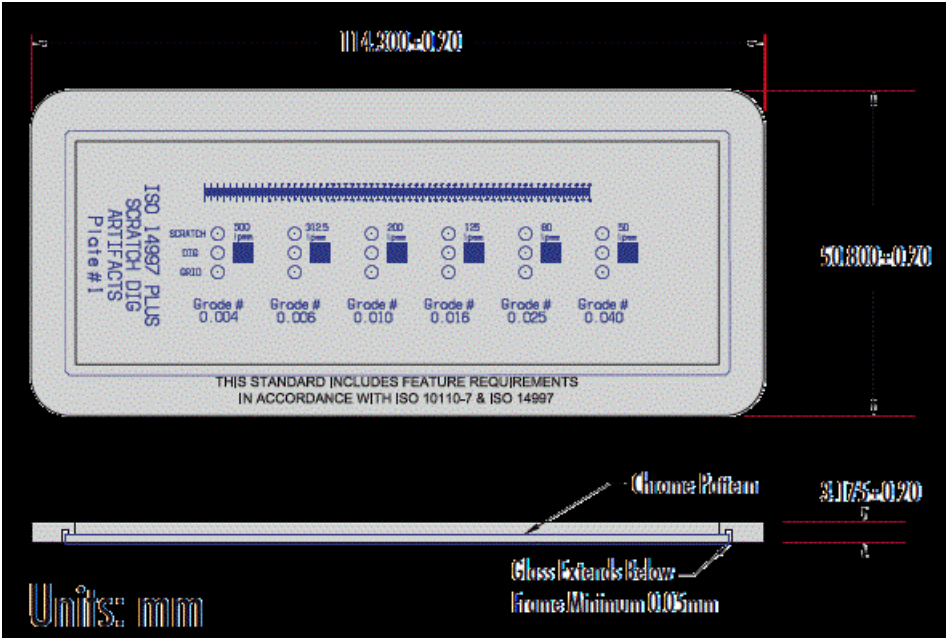
Physical & Mechanical Properties

Scale Divisions:	Every 0.025		
Scale Length (mm):	60 ±0.002	Width (mm):	50.80
Thickness (mm):	1.50	Dot Diameter Tolerance (mm):	±0.002
Line Width Tolerance (mm):	±0.002	Construction:	Black Anodized Aluminum Housing
Housing Tolerance (mm):	±0.2	Length (mm):	114.30

Optical Properties

Substrate:	Float Glass	Surface Flatness (P-V):	3-4λ/inch
Surface Quality:	20-10 (inside active area)	Angle of Incidence (°):	45.00

Technical Information



Products

Dot Diameter Tolerance (mm)	Line Width Tolerance (mm)	Surface Quality	Stock Number	Price	Buy
±0.002	±0.002	20-10	#59-154	€1.010,00	In Stock
±0.002	±0.002	20-10	#59-156	€1.010,00	3-4 days
±0.002	±0.002	20-10	#59-155	€1.010,00	3-4 days



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