

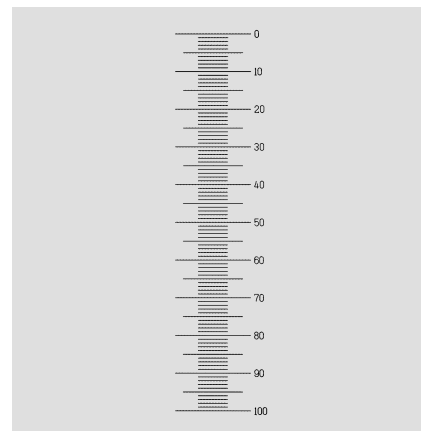
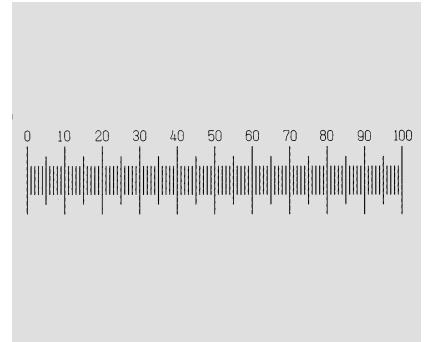
EYEPIECE GRATICULES (RETICLES)

EYEPIECE SCALES

Horizontal & Vertical Scales – NE1, NE2, NE5, NE20, NE28, NE31, NE41

Used for measuring lengths of specimen or distances between points on a variety of different shaped objects.

NE1 Scale shown: This eyepiece graticule has an overall length of 10.00mm with 100 subdivisions of 0.1mm. When used with a x10 objective each division will represent 10 microns on the specimen. By dividing the division of the chosen graticule by the magnification of the objective one obtains an approximate value that each division will represent on the stage.



Pattern	Description	Diameter	Order Code
NE1	Horizontal micrometer 10mm long with 0.1mm subdivisions. Surface chrome image	16mm	01B16201
		19mm	01B19201
		21mm	01B21201
		Special	01BSP201
Pattern	Description	Diameter	Order Code
NE2	Vertical micrometer 10mm long with 0.1mm subdivisions. Surface chrome image.	16mm	01B16202
		19mm	01B19202
		21mm	01B21202
		Special	01BSP202
Pattern	Description	Diameter	Order Code
NE5	Horizontal micrometer 5mm long with 0.05mm subdivisions. Surface chrome image.	16mm	01B16203
		19mm	01B19203
		21mm	01B21203
		Special	01BSP203
Pattern	Description	Diameter	Order Code
NE20	Horizontal scale 0.1inches long with 100 subdivisions. Surface chrome image	16mm	01B16214
		19mm	01B19214
		21mm	01B21214
		Special	01BSP214
Pattern	Description	Diameter	Order Code
NE28	Horizontal scale 1mm long with 100 subdivisions. Surface chrome image	16mm	01B16217
		19mm	01B19217
		21mm	01B21217
		Special	01BSP217
Pattern	Description	Diameter	Order Code
NE31	Horizontal scale 0.5 inches long with 100 subdivisions. Surface chrome image.	16mm	01B16219
		19mm	01B19219
		21mm	01B21219
		Special	01BSP219
Pattern	Description	Diameter	Order Code
NE41	Horizontal scale 10mm long with 200 subdivisions. Surface chrome image	16mm	01B16223
		19mm	01B19223
		21mm	01B21223
		Special	01BSP223

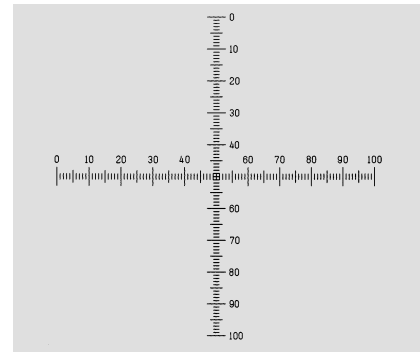
EYEPIECE GRATICULES (RETICLES)

EYEPIECE SCALES

Crossed Scales – NE17, NE18

Used as horizontal and vertical scales, and especially useful when interested in measurements in different axis.

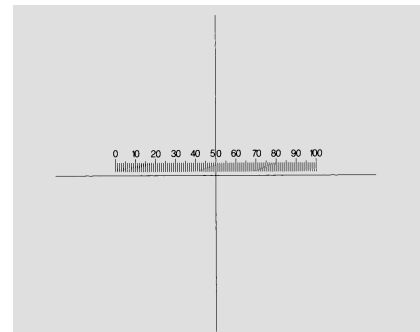
Pattern	Description	Diameter	Order Code
NE17	Crossed micrometer scales 10mm long with 0.1mm subdivisions. Surface chrome image	16mm	01B16212
		19mm	01B19212
		21mm	01B21212
		Special	01BSP212
Pattern	Description	Diameter	Order Code
NE18	Crossed micrometer scales 5mm long with 0.05mm subdivisions. Surface chrome image	16mm	01B16213
		19mm	01B19213
		21mm	01B21213
		Special	01BSP213



Scales with Crosslines - NE7, NE7N

The inclusion of a crossline assists in ensuring alignment of the graticule with edges, etc. in the specimen.

Pattern	Description	Diameter	Order Code
NE7	Horizontal micrometer scale 10mm long with crosslines at 0.1mm spacing. Surface chrome image	16mm	01B16204
		19mm	01B19204
		21mm	01B21204
		Special	01BSP204
Pattern	Description	Diameter	Order Code
NE7N	Horizontal micrometer scale 10mm long with crosslines at 0.1mm spacing with additional 10mm square. Surface chrome image	16mm	01B16205
		19mm	01B19205
		21mm	01B21205
		Special	01BSP205
Pattern	Description	Diameter	Order Code
NE77	Horizontal micrometer scale 5mm in 100 divisions with crosslines. Surface chrome image	16mm	01B16233
		19mm	01B19233
		21mm	01B21233
		Special	01BSP233
Pattern	Description	Diameter	Order Code
NE777	Horizontal micrometer scale 0.5 inch in 100 divisions with crosslines. Surface chrome image	16mm	01B16237
		19mm	01B19237
		21mm	01B21237
		Special	01BSP237



We manufacture components (encoder discs, graticules, metal foils, resolution standards) to custom design, if it is not in the catalogue please contact us for pricing information.