

# EYEPIECE GRATICULES (RETICLES)

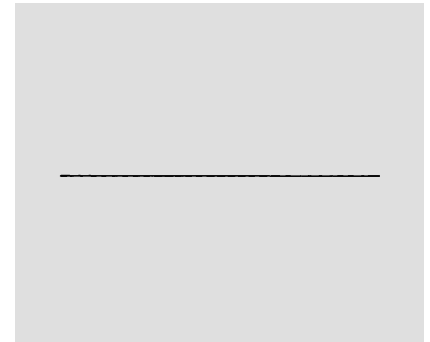
## SIZE AND POSITION

### LINES AND CROSSES

#### Single Lines – NE50

For measurement of large objects in conjunction with a graduated mechanical stage, and for alignment.

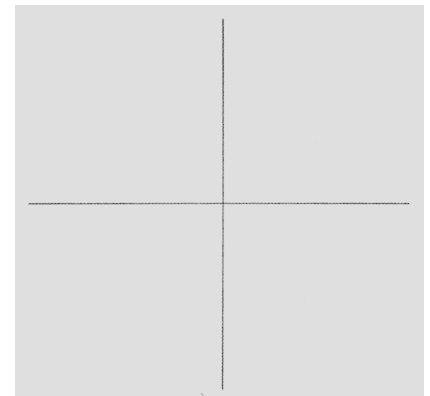
Pattern	Description	Diameter	Order Code
NE50	Single line, nominal width 0.02mm. Image covers entire field of view. Surface chrome image.	16mm	01B16238
		19mm	01B19238
		21mm	01B21238
		Special	01BSP238



#### Crosslines – NE8, NE81, NE82

Used as for NE50 but for measurements in two directions and for sighting and alignment. Image covers entire field of view.

Pattern	Description	Diameter	Order Code
NE8	Crosslines with surface chrome image. Nominal line width 0.020mm.	16mm	01B16206
		19mm	01B19206
		21mm	01B21206
		Special	01BSP206



Pattern	Description	Diameter	Order Code
NE81	Crosslines with surface chrome image. Nominal line width 0.04mm.	16mm	01B16234
		19mm	01B19234
		21mm	01B21234
		Special	01BSP234

Pattern	Description	Diameter	Order Code
NE82	Crosslines with surface chrome image. Nominal line width 0.005mm	16mm	01B16235
		19mm	01B19235
		21mm	01B21235
		Special	01BSP235

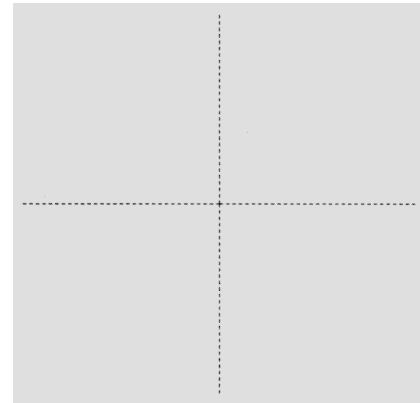
# EYEPIECE GRATICULES (RETICLES)

## LINES AND CROSSES

### Broken Crosslines – NE56

Use as crossed lines. Broken lines enable fine detail to be seen at the breaks. A thin boundary would be lost behind a continuous line.

Pattern	Description	Diameter	Order Code
NE56	Broken crossline. Image covers entire field of view. Surface chrome image.	16mm	01B16231
		19mm	01B19231
		21mm	01B21231
		Special	01BSP231



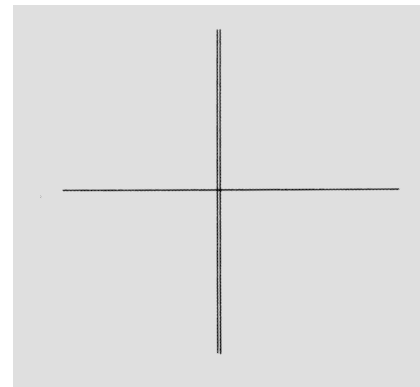
### Crossed Gauge Lines – NE53, NE54

Use as crossed lines, but for measuring distances between lines. Greater accuracy can be obtained by locating the specimen detail between the graticule gauge pair.

Pattern	Description	Diameter	Order Code
NE53	Two vertical lines 0.1mm apart with horizontal line. Image covers entire field of view. Surface chrome image.	16mm	01B16230
		19mm	01B19230
		21mm	01B21230
		Special	01BSP230

Pattern	Description	Diameter	Order Code
NE54	Two vertical lines 0.2mm apart. Image covers entire field of view. Surface chrome image.	16mm	01B16239
		19mm	01B19239
		21mm	01B21239
		Special	01BSP239



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