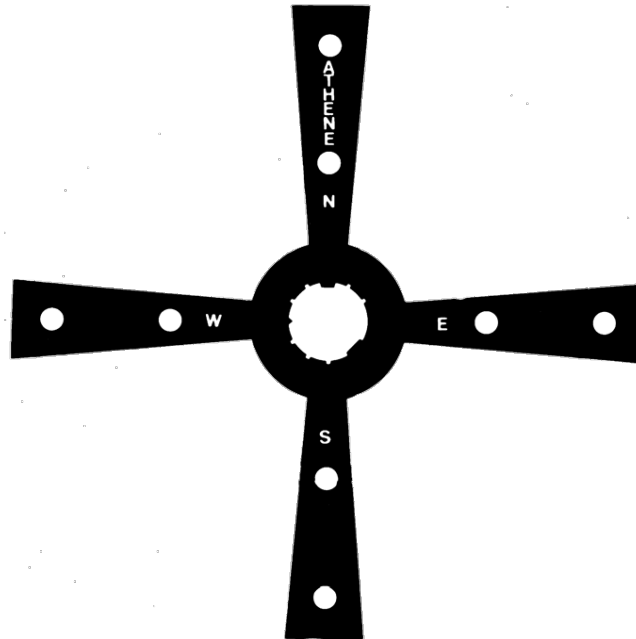


Finder Grids for SEM specimens

AGG2985



This consists of an inner ring of 4mm diameter (outside) and 2mm inside diameter. It has four arms each extending 6mm outwards.

Mode of Operation

Select the area of interest under a light microscope (often a small region is of interest on a relatively large surface). Lower the finder grid over the area of interest and use the small pointer (end of W leg) on the inside diameter to indicate the direction in which to look for the selected area. The finder grid can be secured in position either by a very small blob of adhesive under the outer arms, or by bending the arms over the edge of the SEM stub, to hold the grid in position. The arms will bend easily at the points when the metal is removed at the two circles.

Once the specimen has been put in the scanning microscope, the metal of the finder grid should be easy to locate. The four arms are tapered towards the centre ring to indicate the direction in which to move the stage. They are identified by N,S,E,W symbols.

Once the inner ring has been located, the pointer will indicate the location of the area of interest. There are two protruding flat edges on the inner ring surface – these are 300(N) and 500(SE) microns in length and can be used as a rough magnification calibration.