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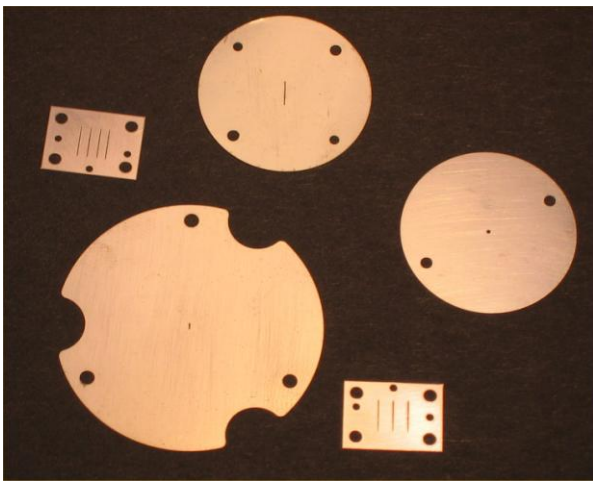
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Technical Information

Slits from MassCare



The purpose of this Technical Information sheet is to summarise the various types of slits now available from MassCare. Over the past two years we have reacted to demand and produced slits of different sizes and from different materials.

Our Beam Defining slits are compatible with all issues of VG9000 sources, where the locating dowels have moved over the years. In addition you also have the choice of the traditional 3 slits or the more economical 4

slit version. Slits have also been manufactured from Niobium as well as the more common Tantalum.

Cell exit slits are available for both pin and flat cells, and a hole is available as an alternative to the more common slit. Feedback from the "field" suggests that this helps to avoid slit "clogging" when running more volatile matrices.

The table on the next page summarises the slits currently available. For the more common configurations we normally hold stock. Manufacturing times have been minimised for other configurations by holding stock of raw material.

If your needs are not covered by the slits already offered then contact us - we are happy to consider other configurations or materials.

Beam Defining Slits

Part Number	Slit Width (micros)	No of Slits	Material
MC-04002C	25	3	Tantalum
MC-04084C	40	3	Tantalum
MC-04100C	25	4	Tantalum
MC-04122C	50	3	Tantalum
MC-05157C	50	4	Tantalum
MC-05168C	40	4	Tantalum
MC-05280C	25	4	Niobium

Cell Exit Slits

Part Number	Cell Type	Slit Type	Material
MC-04014C	Pin/Small Flat	Slit	Tantalum
MC-05153C	Pin/Small Flat	Hole	Tantalum
MC-05246C	Large Flat	4mm Slit	Tantalum
MC-05294C	Universal	Slit	Tantalum
MC-06349C	Large Flat	1mm Slit	Tantalum