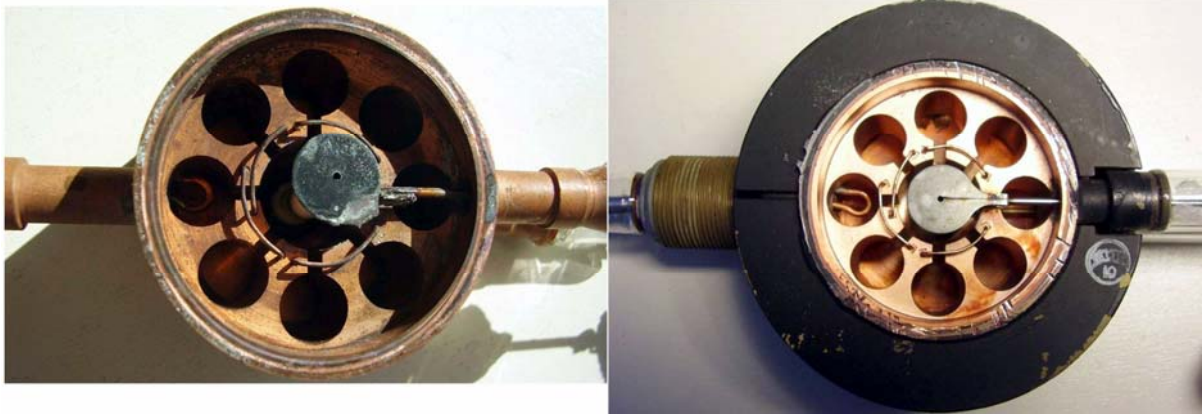


Q85033 - Experimental Strapped Magnetron



This magnetron is believed to be a 10 cm early developmental sample of the strapped type. Likely built at Birmingham by Sayers or someone of his group in 1941. Early asymmetrical strapping scheme using only four straps per side. We find the same strapping arrangement in [CV56](#), in [CV76](#) and in its successor [CV1479](#).

Strapping technique, just devised by Sayers at Birmingham, locked the magnetron oscillations on the fundamental or π mode, preventing other unwanted modes.



In this image a close-up view of the internal strapping arrangement of our sample compared with the very similar one of a CV1479. Click on images to enlarge.