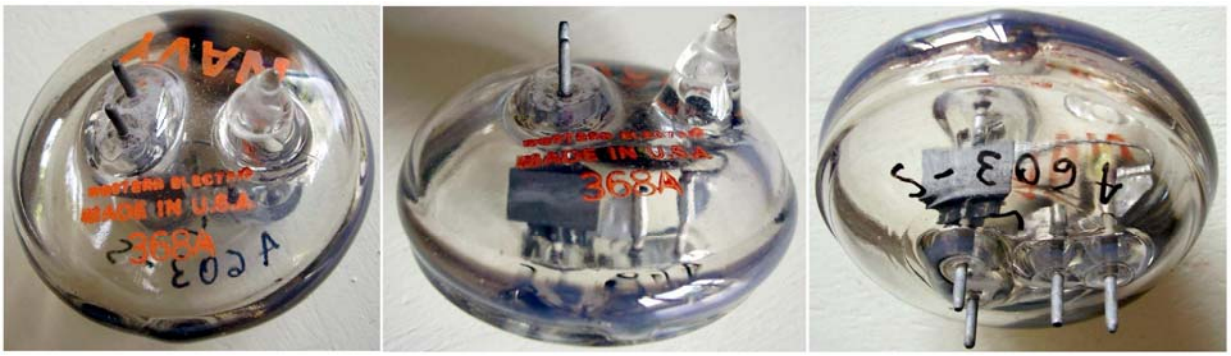
368A – UHF ‘Doorknob’ Transmitting Triode



Door-knob shape UHF transmitting triode, usable as oscillator in Lecher tuned systems, up to 1750MHz. Grid and anode are connected to parallel rods going out from the base and from the top. This family of triodes was introduced by WE around the mid 1930s*. These tubes were also referred to as ‘doorknobs’ due to their shape. They were among the first available tubes for power generation in the UHF region. See also the article by A.L. Samuel, BSTJ vol. 26, issue 4 on **‘A Negative-Grid Triode Oscillator and Amplifier for Ultra-High Frequencies**’

***Source: Waveguide Transmission by George C. Southworth, Bell Labs Series, chapter IX.**

20W anode dissipation. 1.2 volts at 4.5 amps filament.

Also made as **368AS**, with missing top connections.

A sample of 368A with finned carbonized plate.