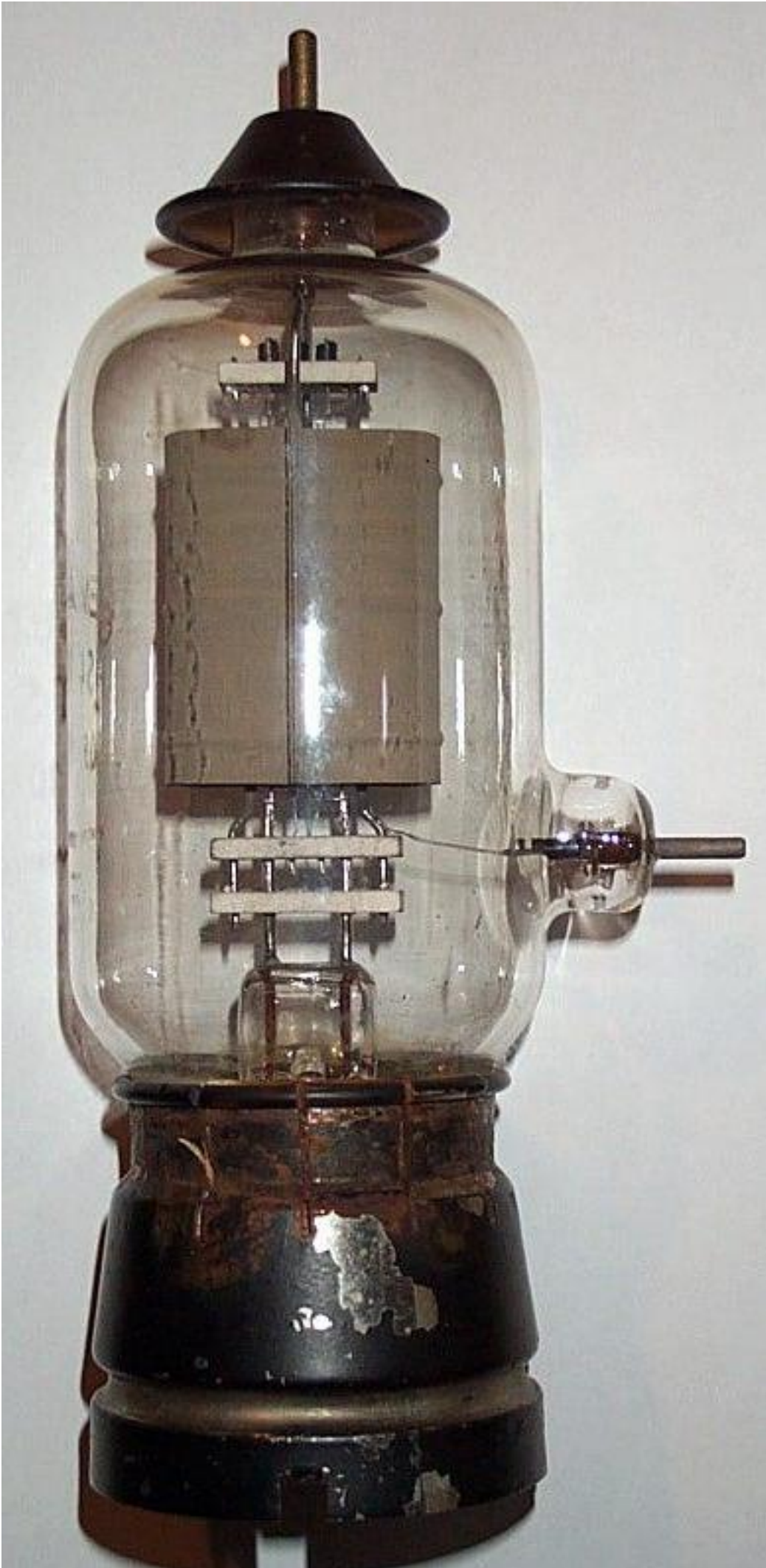




Gema TS41 triode



The valve measures 105x60mm, plus a further 22mm for the grid connector. It has 3 screw connections on the base, two for the filament and the third connects to the metal skirt. The grid connects at the side and the anode at the top. It weighs around 300g.



Markings on the glass are:

GEMA
 TS41
 10,5V
 Wehrmacht
 19832

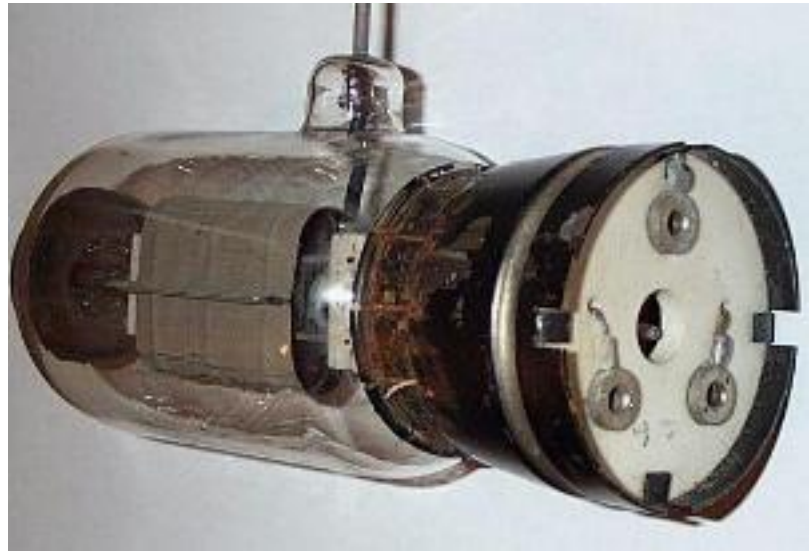
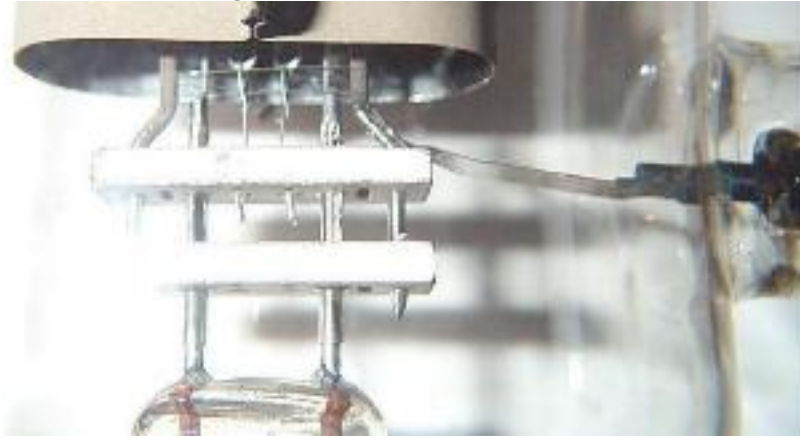
Filament voltage	10.5V
Filament current	11.0A
Max anode voltage	8kV
Emission at Va=800V	5.0A
Mutual conductance (Va=1kV, Ia=300mA)	6.5mA/V
Max anode dissipation	150W
Max grid voltage	-2kV
Max grid dissipation	15W
Wavelength	2.5m
Capacitances	
Cag	4.2pF
Ckg	4.5pF
Cak	1pF

Developed from the TS4, the TS41 was used in numerous transmitter applications. With six TS41s in parallel

push-pull and anode modulated, pulse powers in excess of 1MW were possible.



A view down into the valve showing the grid and the thick filament wires, and (below) the grid and filament connections.



Top and bottom quarter views of the valve.

Thanks to Frank Philipse for passing on information about this valve