

TS6 GEMA - UHF Radar Transmitting Triode



Almost certainly the TS6 was the biggest doorknob style UHF triode ever made. It was designed during WWII by the German GEMA for the marine radar Seetakt operating around 400 MHz. Also used in some Freya sets. It was inspired to the design of the smaller **TS1** and **TS1A** which were similar to WE **316A**. Rugged electrode structure to withstand heavy shocks and vibrations generated by heavy gun firing aboard of battleships. Filamentary thoriated-tungsten cathode, formed by eight wires in parallel for higher emission.

- 150 W anode power dissipation
- 700 V / 700 mA max anode ratings
- Gm 12
- 2 V at 31 A filament

Two tubes generated 8 kW peak pulses. Also made in Italy by Fivre.

