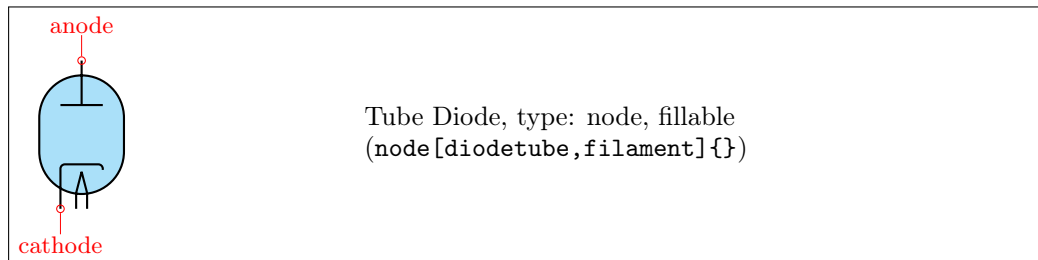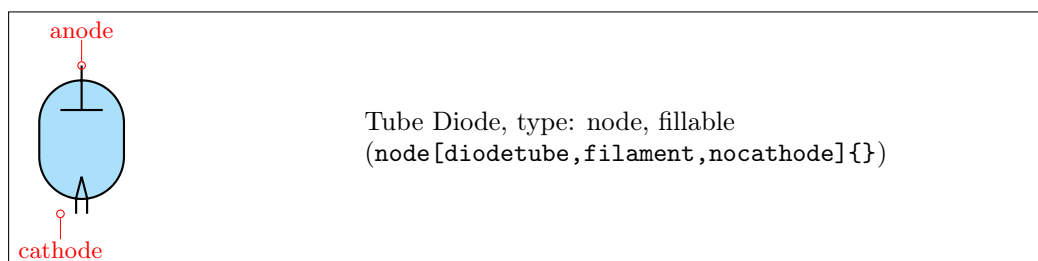|	
top / **cathode1** / **cathode2** / **left** / **right** / **anode**	Magnetron, type: node, fillable (`node[magnetron]{}`)
anode / **cathode**	Tube Diode, type: node, fillable (`node[diodetube]{}`)
anode / **grid** / **cathode**	Triode, type: node, fillable (`node[triode]{}`)
anode / **screen** / **grid** / **cathode**	Tetrode, type: node, fillable (`node[tetrode]{}`)
anode / **suppressor** / **screen** / **grid** / **cathode**	Pentode, type: node, fillable (`node[pentode]{}`)

Normally, the filament is not drawn and there are no anchors present. If you want a filament, put the `filament` option in the node description:

Tube Diode, type: node, fillable
(`node[diodetube,filament]{}`)

Sometimes, you don't want the cathode to be drawn (but you do want the filament). Use the `nocathode` option in the node description:

Tube Diode, type: node, fillable
(`node[diodetube,filament,nocathode]{}`)

Example triode amplifier:

```
1 \draw (0,0) node (start) {}
2            to[sV=$V_i$] ++(0,2+\ctikzvalof{tubes/triode/height})
3            to[C=$C_i$] ++(2,0) node (Rg) {}
4         to[R=$R_g$] (Rg |- start)
5 (Rg)     to[short,*-] ++(1,0)
6          node[triode,anchor=grid] (Tri) {} ++(2,0)
7 (Tri.cathode) to[R=$R_c$,-*] (Tri.cathode |- start)
8 (Tri.anode)   to [R=$R_a$] ++(0,2)
9          to [short] ++(3.5,0) node(Vatop) {}
10         to [V<=$V_a$] (Vatop |- start)
11         to [short] (start)
12 (Tri.anode) ++(0,0.2) to[C=$C_o$,*-o] ++(2,0)
13 (Tri.cathode) ++(0,-0.2) to[short,*-] ++(1.5,0) node(Cctop) {}
14         to[C=$C_c$,-*] (start -| Cctop)
15 ;
16 \draw[red,thin] (Tri.north west) rectangle (Tri.south east);
17 \draw[blue] (Tri.east) node[right] {$\frac{1}{2}$ECC83};
```