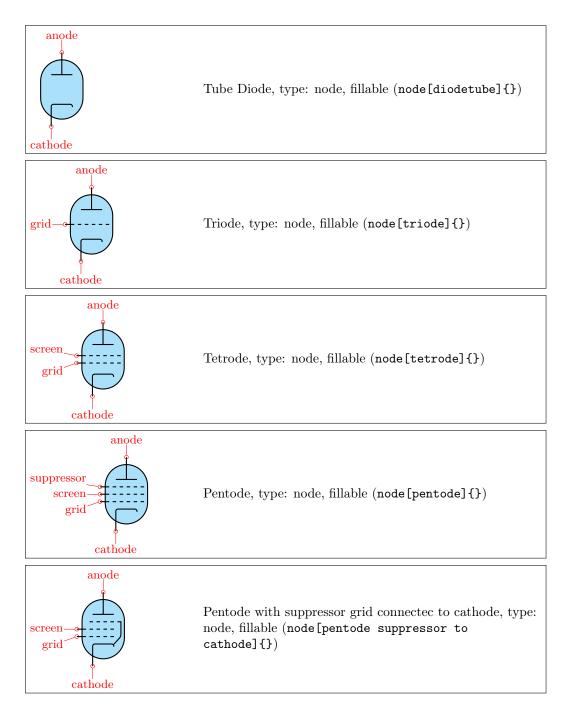
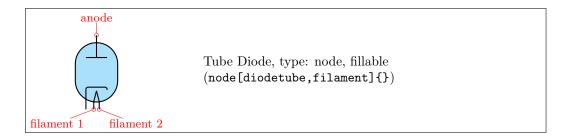
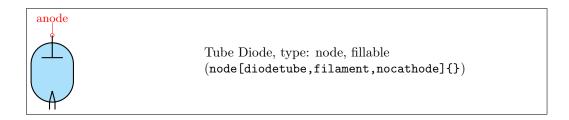
<documentation>



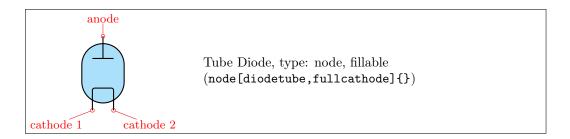
Normally, the filament is not drawn. If you want a filament, put the filament option in the node description:



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



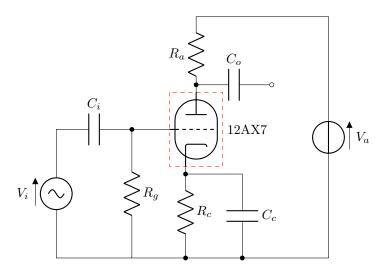
If you want a full cathode to be drawn, use the fullcathode option in the node description. You can then use the anchors cathode 1 and cathode 2.



If you want a wide tube, you can set the width and the height of the tube. You can set the tube's model with the east anchor:

```
1 \ctikzset{tubes/width=1.4}
2 \ctikzset{tubes/height=1}
3
4 \begin{circuitikz}
5 \draw (0,0) node[triode] (Tri) {};
6 \draw (Tri.east) node[right] {12AX7};
7 \end{circuitikz}
```

Example triode amplifier:



</documentation>

Width greater than height

