

50 Gallon Drum  
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The STL is of a typical 50 gallon drum, as used for oil, or other liquids.  
It is drawn FULL SIZE so must be scaled as required in the slicer.  
For 10mm scale: 3.28%  
For 1/32 scale: 3.75%

The overall sizes of the full-size drawing are:  
Height 871mm  
Diameter 595mm (including flanges)

The drawing suits the '50 gallon' and the '45 gallon' sizes, as these are essentially the same.  
Wikipedia says:

*'The exact capacity varies by manufacturer, purpose, or other factors. Standard drums have inside dimensions of 572 millimetres (22.5 in) diameter and 851 millimetres (33.5 in) height. These dimensions yield a volume of about 218.7 litres (57.8 US gal; 48.1 imp gal), but they are commonly filled to about 200 litres.'*

The top of the drum shows two hole positions; one blanked and the other closed with a large hexagonal nut.

The bottom of the drum will, in reality, have a small peripheral flange which extends downwards, and a slightly dished underside. This drum has been drawn with a completely flat underside to allow it to sit flat on the build plate. No detail has been drawn on the underside of the drum but the outside of the flange has been drawn so that it looks correct when the drum sits on that end.

The top and bottom flanges have been drawn a tad oversize so that they are sufficiently prominent on the model. Or maybe the tinsmith was somewhat heavy handed that day.