Subject: Threaded holes created in Alibre
Posted by longhaulgear on Sun, 30 Sep 2012 17:29:45 GMT
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I'm extremely new to 3D modelling and 3D printing.

I created a model in Alibre Design, which includes a number of threaded holes. In Alibre's documentation it says that while you don't see the threading on the render, it's included in the design data.

I exported from Alibre to an .stl file and uploaded to shapeways. The shapeways preview likewise shows smooth holes, not threaded holes. If I order a piece, will my holes be threaded or not?

Thanks
Tom

Subject: Re: Threaded holes created in Alibre
Posted by JACANT on Sun, 30 Sep 2012 21:36:02 GMT
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Get yourself a copy of http://www.netfabb.com/basic.php
Open your stl in this. WYSIWYG from Shapeways, you can zoom right in.
You can check, repair, measure and scale your file.

Subject: Re: Threaded holes created in Alibre
Posted by VeryWetPaint on Mon, 22 Oct 2012 21:52:58 GMT
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No, the holes won't be threaded.

Alibre keeps track of that information for the sake of design drawings and bills-of-materials, but it's not capable of generating actual screw threads; any holes will be simple smooth-sided bores. If you want threads you'll either have to cut them into the finished part or create the contours yourself via the Helical Cut tool.