Subject: Walls vs Embossed Detail
Posted by jrey on Wed, 10 Oct 2012 21:03:12 GMT
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Hey guys, I'm trying to design some things for print in stainless steel. The design guidelines say the minimum wire and wall is 3mm. But then there is embossed detail and/or walls supported that can be thinner. My question is where does the line cross, or rather how should I look at the model to determine which guideline to go by?

I'm really struggling with this specifically on extruded text.

Thanks for any help.

Subject: Re: Walls vs Embossed Detail
Posted by Dragoman on Thu, 11 Oct 2012 05:50:07 GMT
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A good rule of thumb is that if the extruded part is higher than its width, it's a "Wall", if it's thicker than its height, it's a "Detail".

Not sure that it works everytime, but it's a good start.

Greetings
Dragoman

Subject: Re: Walls vs Embossed Detail
Posted by jrey on Thu, 11 Oct 2012 16:31:43 GMT
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Yeah that makes sense.

Here is the model in question:
http://www.shapeways.com/model/734004/228446a96e7526ebae4754 a4acf505f1

The top line of text is offset to appear behind the bottom line, and then the top line is offset to appear in front of the hello sticker, so in order to have .8mm depth (as per guidelines) the furthest part of the text exceeds the width often, but it is also text so it is supported in some ways. What do you think?