Subject: 1.5 inch cube incorrectly shows up as 3.8 inches in Shapeways software
Posted by wes_ismore on Fri, 14 Jun 2013 00:39:39 GMT
View Forum Message <> Reply to Message

Hello! First post.

Using Autodesk Inventor, I created a small 1.5 inch cube, which I exported as a .CTL and uploaded to this site. The cube was a test intended to verify that this service would work, before actually investing time to make a useful model. The cube showed up fine, except the scale was off. 1.5 inches turned into 3.8. Is this a known/common issue? What can I do to fix this?

Thank you for your assistance! I'm looking forward to making awesome things.
wes_ismore

Subject: Re: 1.5 inch cube incorrectly shows up as 3.8 inches in Shapeways software
Posted by stonysmith on Fri, 14 Jun 2013 01:35:21 GMT
View Forum Message <> Reply to Message

Upload it as millimeters. See if that fixes it.

1.5 * 25.4 = 38

Your software is exporting the model in metric units, even though it may be reporting inches onscreen.

Subject: Re: 1.5 inch cube incorrectly shows up as 3.8 inches in Shapeways software
Posted by bartv on Tue, 18 Jun 2013 08:52:41 GMT
View Forum Message <> Reply to Message

Hey wes_ismore,

can you share that STL file with us?

Thanks!

Bart

Subject: Re: 1.5 inch cube incorrectly shows up as 3.8 inches in Shapeways software
Posted by wes_ismore on Fri, 28 Jun 2013 01:47:52 GMT
View Forum Message <> Reply to Message

This should be it! From autodesk inventor

File Attachments

1) test.stl, downloaded 65 times

Subject: Re: 1.5 inch cube incorrectly shows up as 3.8 inches in Shapeways software
Posted by bartv on Fri, 28 Jun 2013 07:24:54 GMT
View Forum Message <> Reply to Message

Hey wes_ismore,

stonysmith is almost right: the file is in centimeters. I'm not familiar enough with Inventor, but a simple fix would be to scale it up x10 in Inventor, export to STL and upload in mm.

Cheers,

Bart