Subject: Printing multiple objects (stupid question)
Posted by jpamment on Sat, 03 Dec 2011 04:27:23 GMT
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Hiya,

I'm about to try my first print, and I have some questions...

I need 3 objects needing printing, 2 of them will have multiple copies (up to 20.) Should I just copy them 20 times and tidily lay them out in the same 3D scene? Is there anything i should keep in mind when doing this? I understand that it all needs to fit into a bounding box of 70x38x58cm.

Cheers

Subject: Re: Printing multiple objects (stupid question)
Posted by pfeiffer stylez on Sat, 03 Dec 2011 09:35:23 GMT
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jpamment wrote on Sat, 03 December 2011 04:27(...)
I need 3 objects needing printing, 2 of them will have multiple copies (up to 20.) Should I just copy them 20 times and tidily lay them out in the same 3D scene? Is there anything i should keep in mind when doing this?
(...)
Connect them with sprues, so Shapeways' staff can handle them as single item.

Subject: Re: Printing multiple objects (stupid question)
Posted by henryseg on Sat, 03 Dec 2011 14:21:57 GMT
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If you're printing in WSF, above a certain volume of material there's a discount for densities over 10% (volume of material / volume of bounding box). So you might see if you can tightly pack them so as to get that discount.

Subject: Re: Printing multiple objects (stupid question)
Posted by Youknowwho4eva on Sun, 04 Dec 2011 18:26:45 GMT
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I depends on the material, and the size of the items. Tiny items in any of the plastics, do as said

above. For any of the other materials, It'll have to be individual files (it can be done in stainless, but 3mm of stainless sprue on 20 pieces could be interesting to cut.

Subject: Re: Printing multiple objects (stupid question)
Posted by jpamment on Mon, 05 Dec 2011 02:44:56 GMT
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Thanks for the reply,

Seems i'll only be doing 4 copies of one model, using WSF. I'll attempt to use sprues to connect them. If there is a great example of that it'd be great, otherwise i'll keep trawling the forum for examples.

Cheers!

Subject: Re: Printing multiple objects (stupid question)
Posted by pfeiffer stylez on Mon, 05 Dec 2011 08:53:53 GMT
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â€¢ Small items attached to a bearer

â€¢ Motor adjustment via shapeways