Subject: Inquiry quick (Bayonet)-lock for stereo plug/socket
Posted by shape_marc on Thu, 15 Nov 2012 15:22:21 GMT
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I am trying to create a quick (bayonet)-lock
that connects a stereo plug & socket
(pls. find details within the attached .pdf file)
&
would like to ask you if my concept*
works with ABS/Vinyl or similar
rapid prototyping material?

would you ...
- use a different quick (bayonet)-lock
  (please see sheet E)

- other than those material strenghts
  that i defined within my project
  (please see sheet F)

what should/can i do to optimise my project?

Any help is highly appreciated -
i look forward to hearing from you;

Best regards!

File Attachments

1) inquiry-lock_stereoPlug.pdf, downloaded 148 times

Subject: Re: Inquiry quick (Bayonet)-lock for stereo plug/socket
Posted by natalia on Tue, 20 Nov 2012 19:58:39 GMT
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I'm moving your question to the 3D modeling help needed section, hopefully someone can help you out there!

We don't print in vinyl or ABS, but perhaps White Strong & Flexible or Frosted Ultra Detail materials would work for this.

Subject: Re: Inquiry quick (Bayonet)-lock for stereo plug/socket
Posted by shape_marc on Tue, 20 Nov 2012 23:42:21 GMT
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... thanks a lot for your reply!

I actually created the .stl files already
(pls. see files attached)
in addition to my previous inquiry- :

i am not sure
- which/if any material is suitable
(there's a M8x1 screw's thread within both of the parts)
- if my construction will work in the "real world"
(or if there is a more convenient/easy solution)

I hope that someone may give me a hint/ post a link
for any similar application so that
i may alter/keep the concept.

File Attachments

1) stereoPlugPipe.zip, downloaded 65 times