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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 77 times

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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.

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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.

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### File Attachments

1) [stereoPlugPipe.zip](#), downloaded 35 times

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