Subject: 14mm x 1.0 Left hand and Right hand Threads
Posted by Dayton on Wed, 06 Jun 2012 22:57:45 GMT
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I'm making a couple parts for my airsoft stuff, and I need 2 sets of female threads (Like a Nut) that I can use to incorporate into my model. I'm not that experienced at modeling, and I'm using Google Sketch-up (Free).

What I need is a female thread, size 14mm x 1.0 CCW.
And one in CW.

Needs to be 20mm long.

So, basically just a threaded tube (threads on the inside) but they have to be 14 mm x 1.0 thread size, and the outside diameter of the tube anywhere between 18 - 20 mm. (O.D. size not critical)

And I would need to be able to import it into Google Sketch-up.

My import options are:
.skp
.3ds
.dem
.ddf
.kms
.dae

Any help here is greatly appreciated.

Subject: Re: 14mm x 1.0 Left hand and Right hand Threads
Posted by Matthijs1992 on Thu, 07 Jun 2012 09:50:50 GMT
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check this video

http://www.youtube.com/watch?v=MKrWDNDd62c

kind regards Matthijs

Subject: Re: 14mm x 1.0 Left hand and Right hand Threads
Posted by JACANT on Fri, 08 Jun 2012 00:26:19 GMT
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Is this the profile what you want? This is with a .1mm tolerance.

File Attachments

1) threaded tube.png, downloaded 122 times

Subject: Re: 14mm x 1.0 Left hand and Right hand Threads
Posted by Dayton on Fri, 08 Jun 2012 00:53:49 GMT
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Yup, that's it.

I think I can do it using the video that Matthijs posted.

Subject: Re: 14mm x 1.0 Left hand and Right hand Threads
Posted by Dayton on Fri, 08 Jun 2012 01:13:05 GMT
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Thanks for the help everybody. I was able to do it with the plugin and video linked earlier.

That plugin/process doesn't create a perfect thread, but it's close enough for plastic.