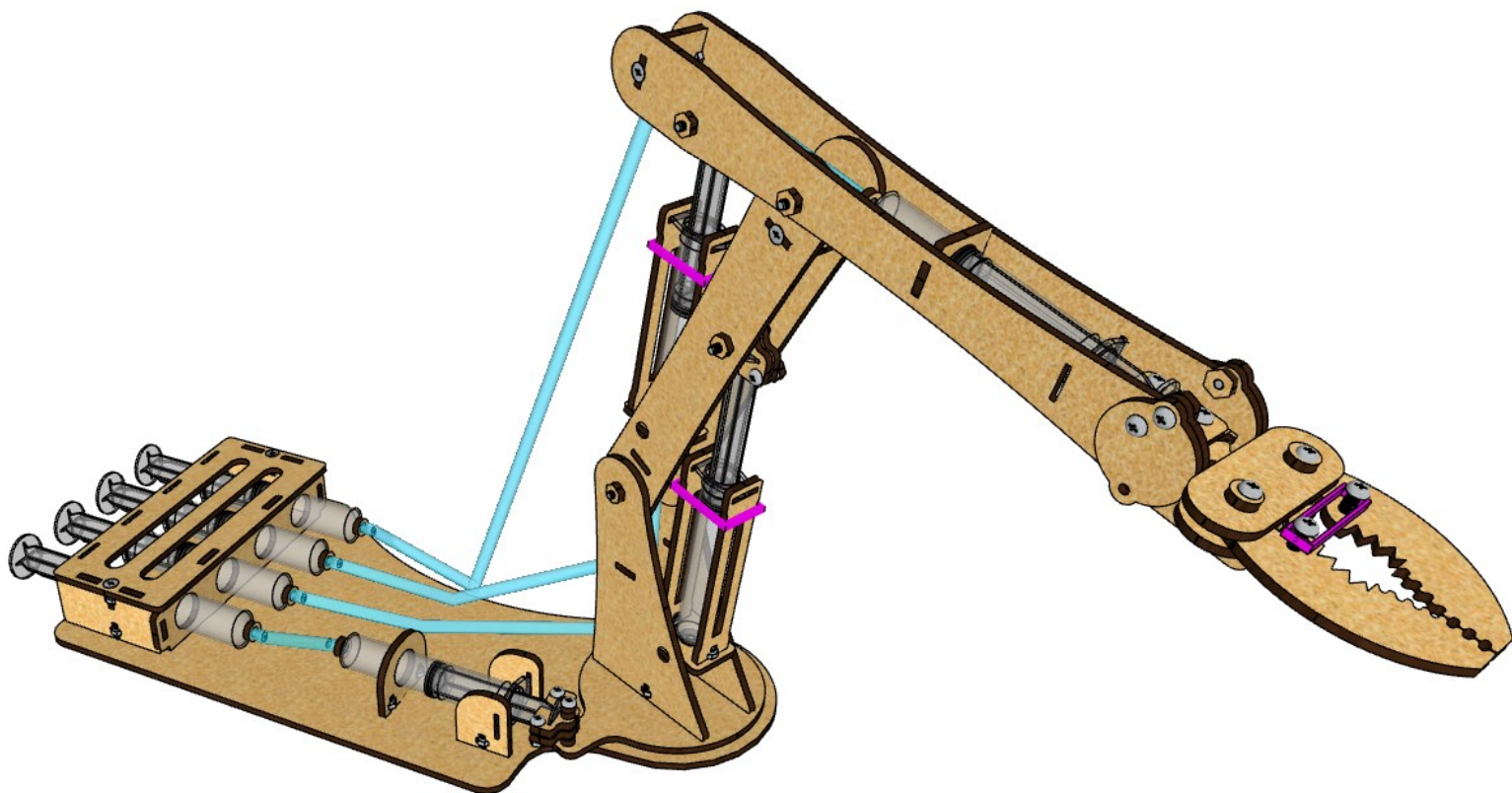


robodacta.mx
robótica didáctica

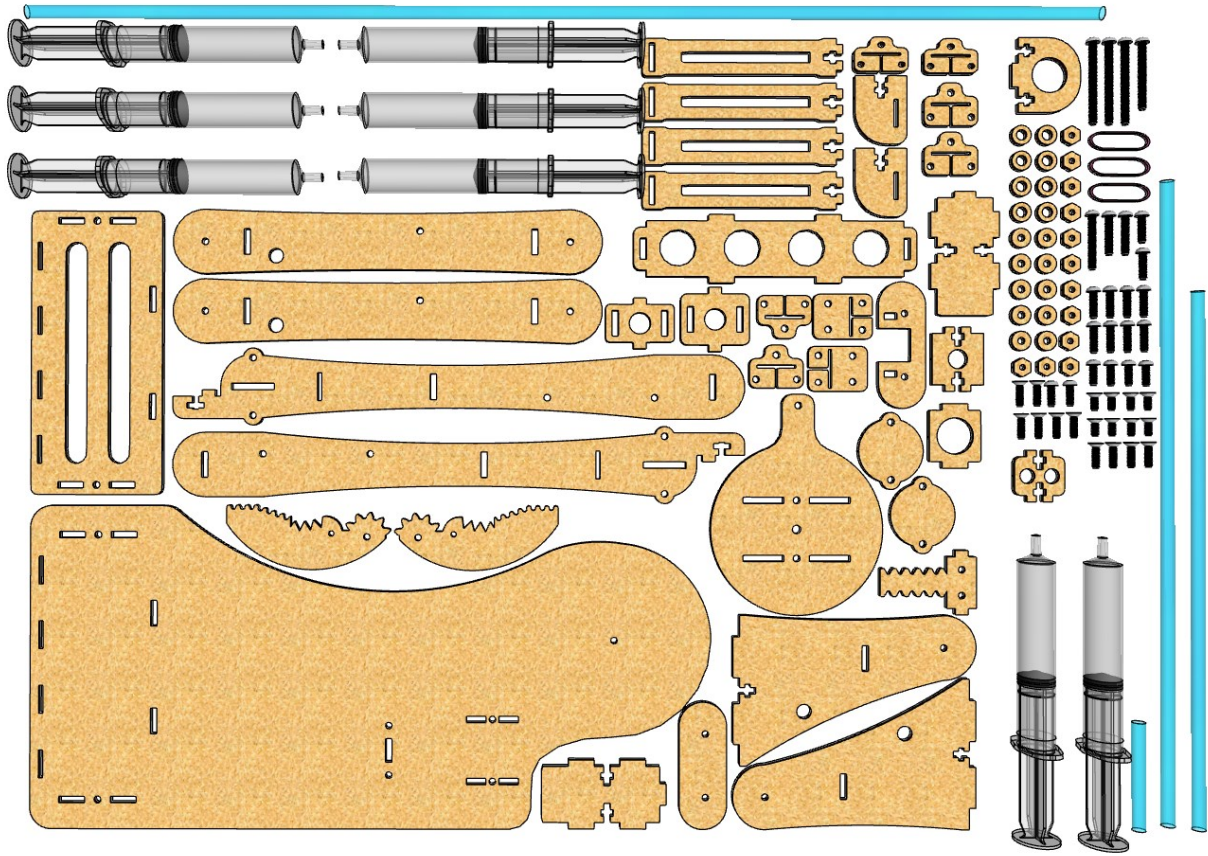
Manual de ensamble

Kit Brazo Hidráulico

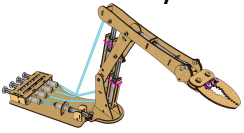
Código KIT1434



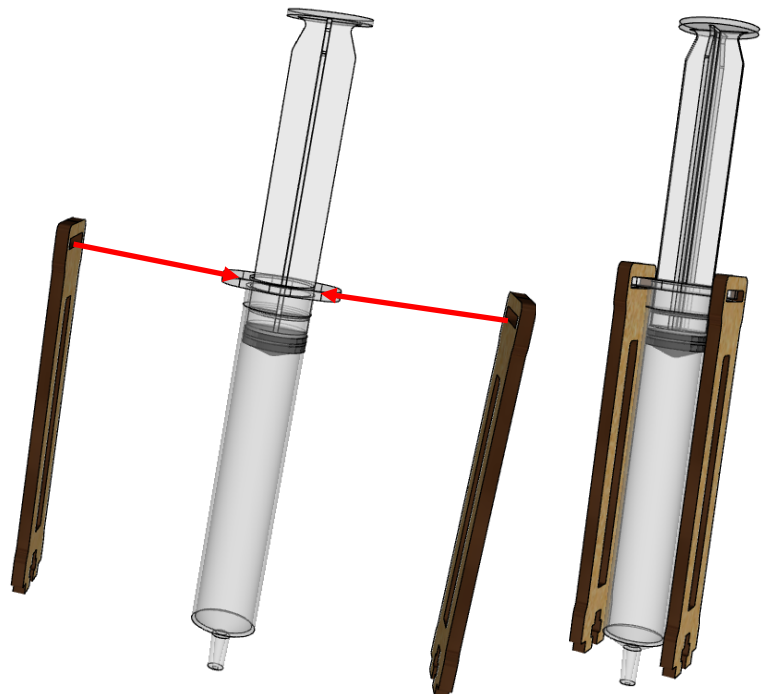
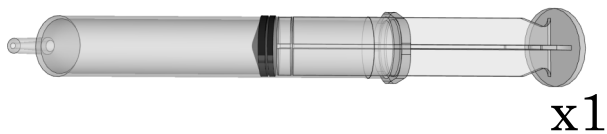
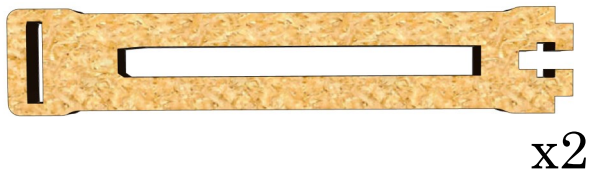
Para poder armar el **Brazo Hidráulico** identifica las siguientes piezas.

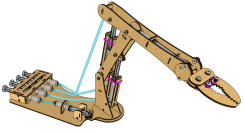


Nota: Compara tus tornillos en el apartado de la tornillería.

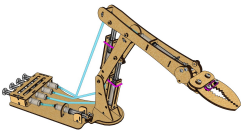
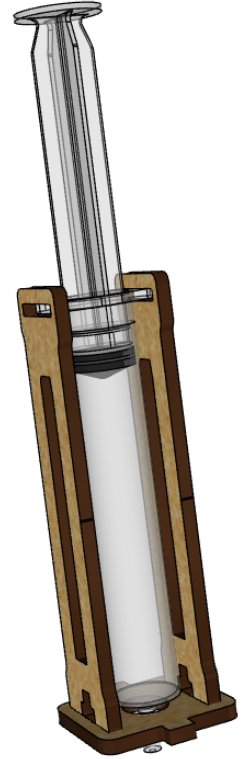
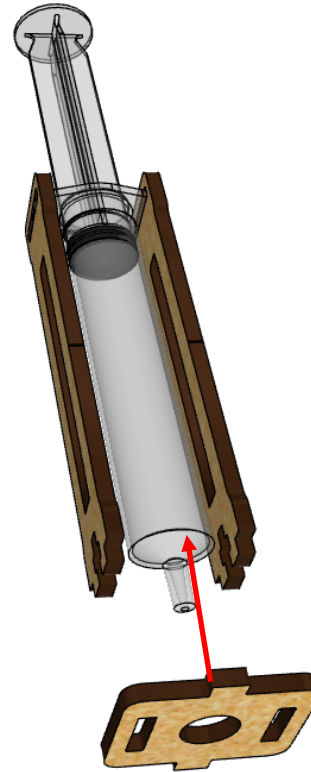
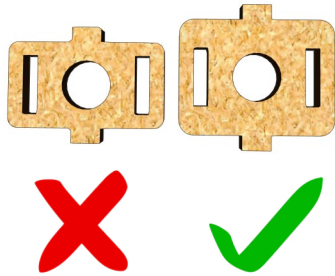
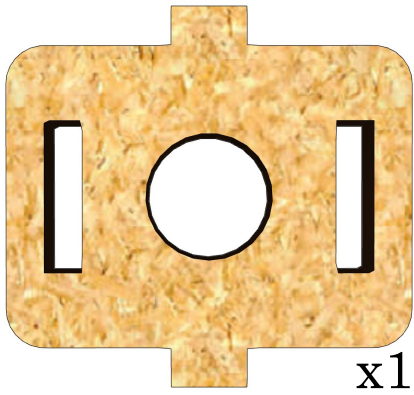


1



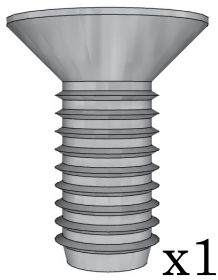


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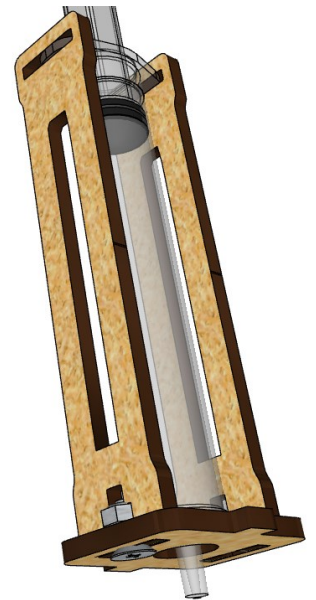
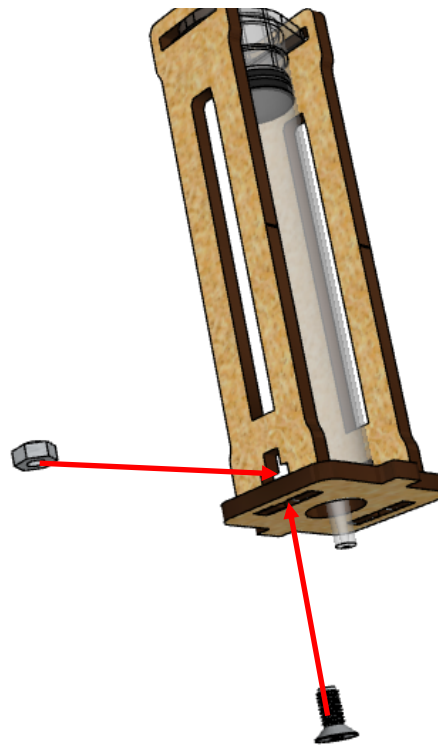
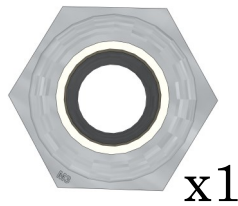


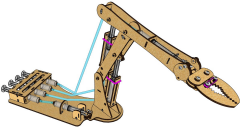
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M3 x 8



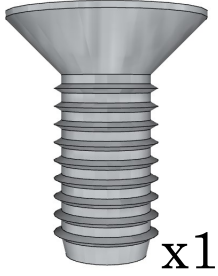
M3





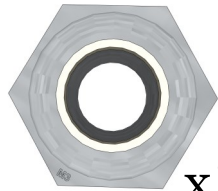
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M3 x 8

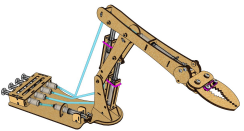
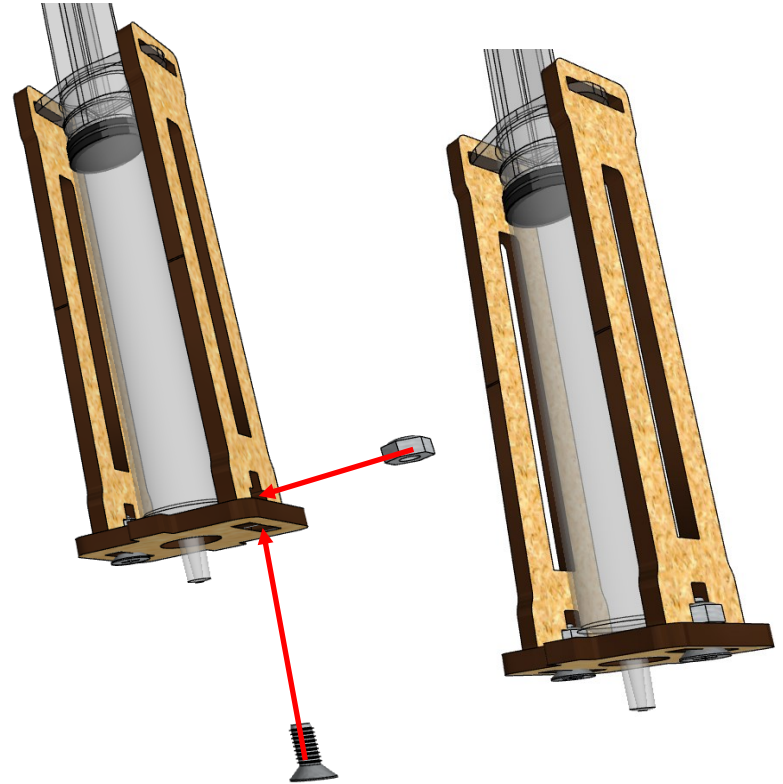


x1

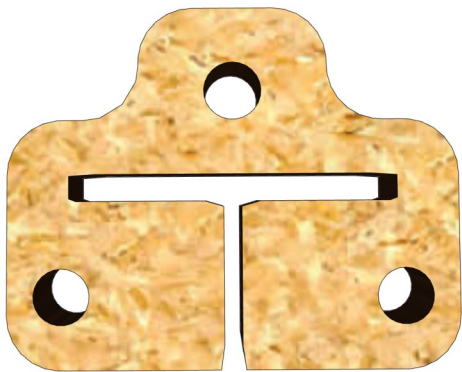
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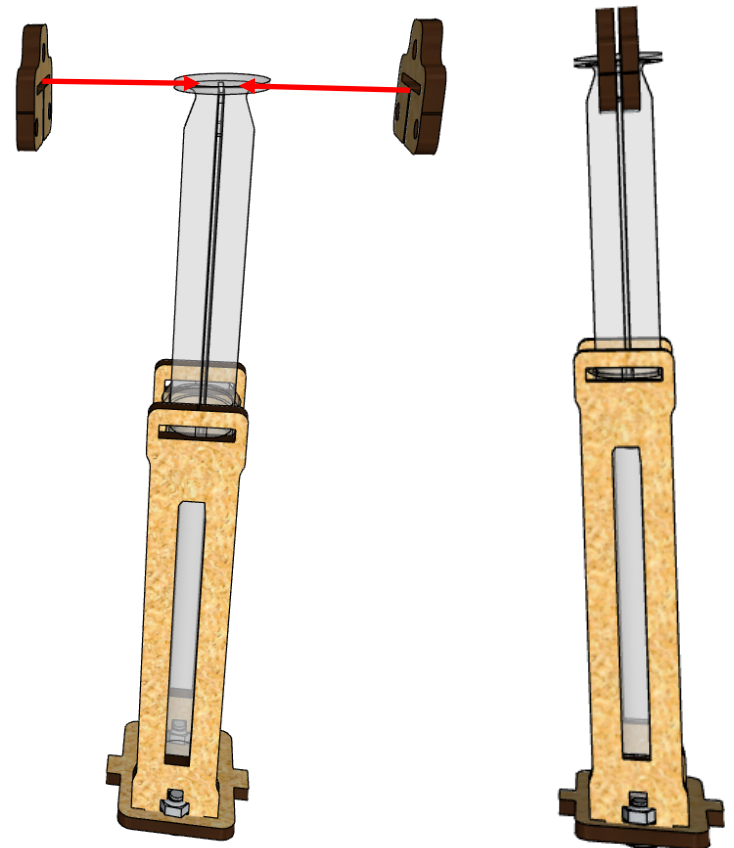
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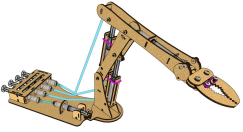


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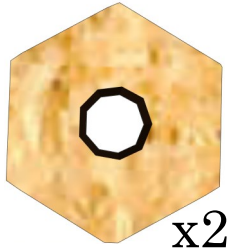


x2

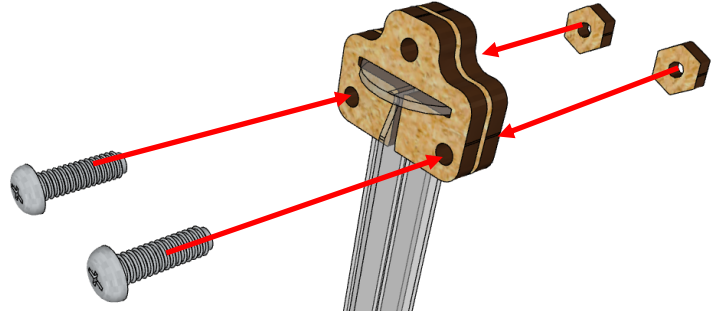
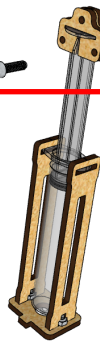
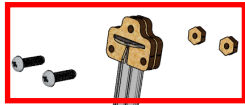




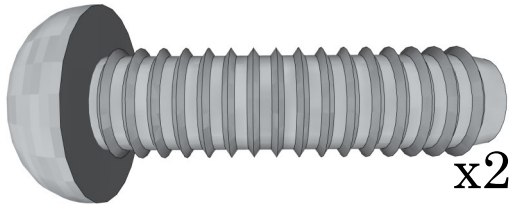
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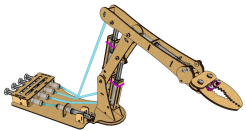
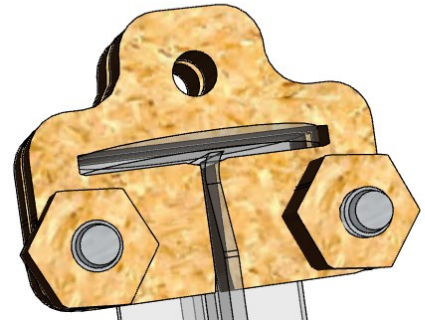
x2



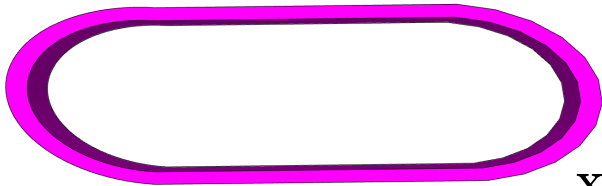
1/8 x 1/2



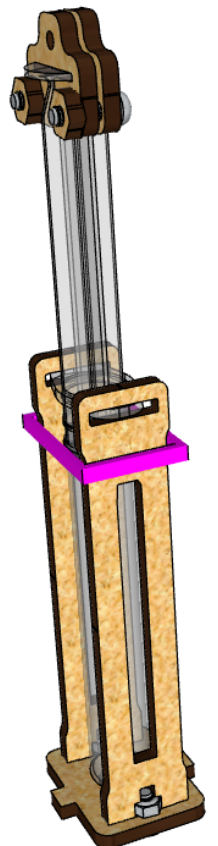
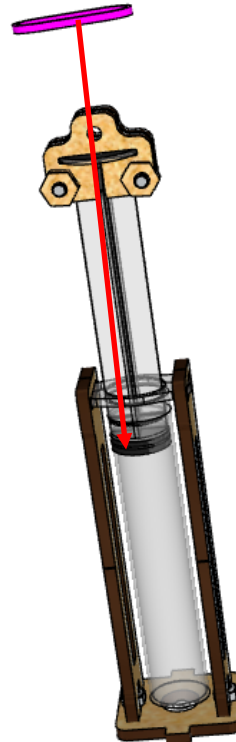
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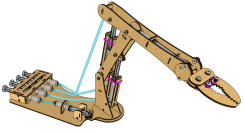


7

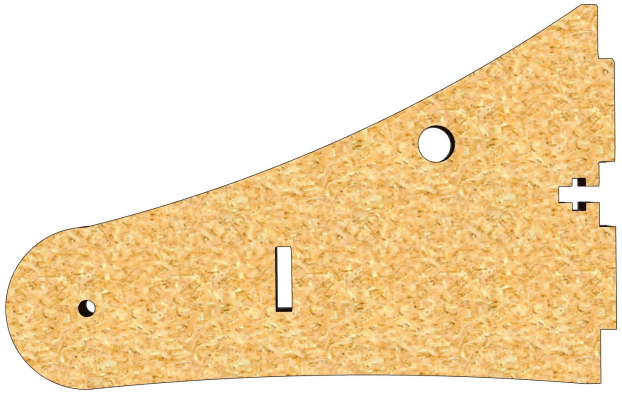


x1

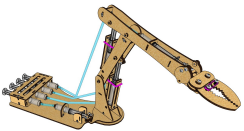
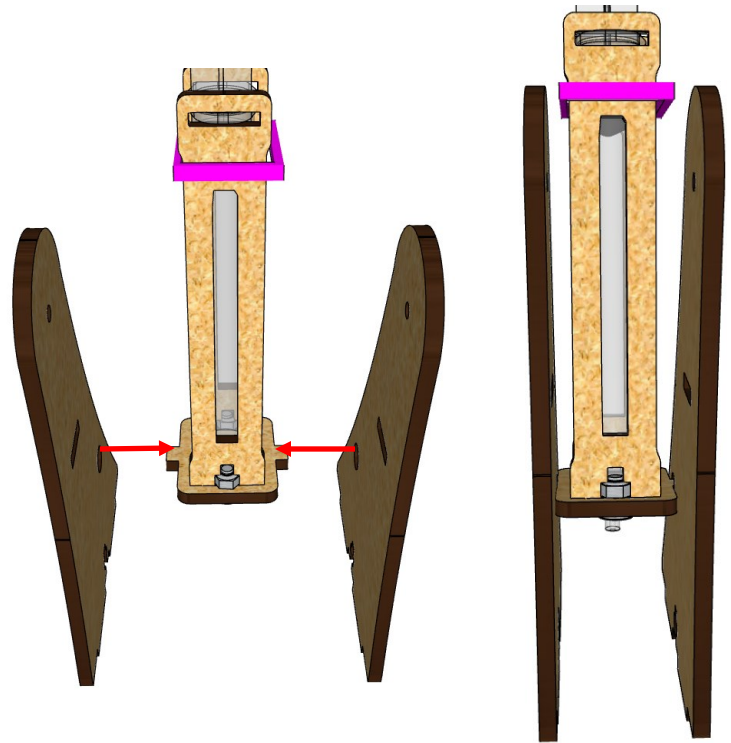




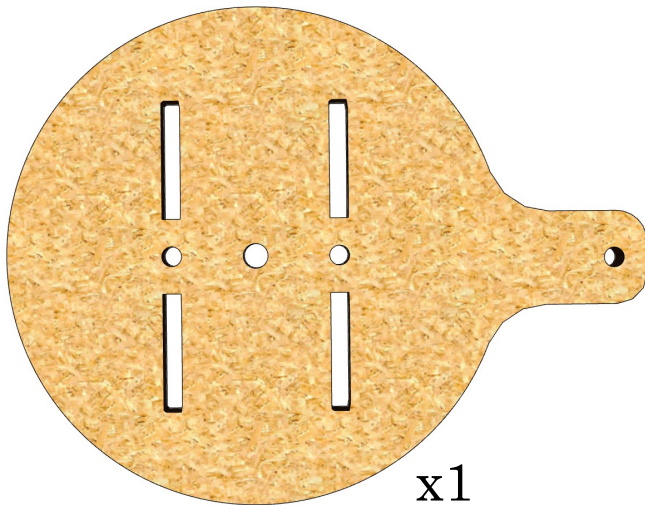
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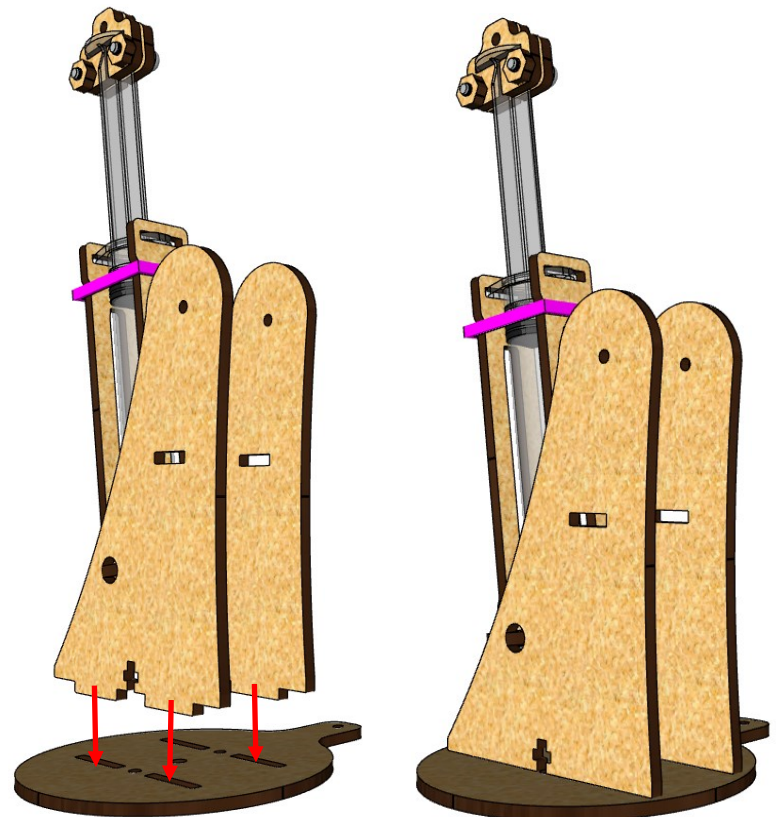
x2

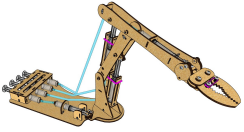


9



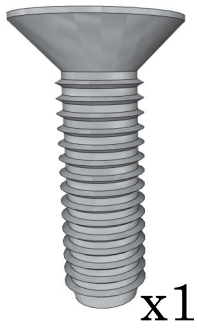
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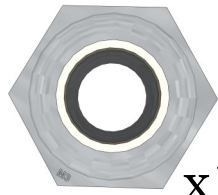
10

M3 x 12

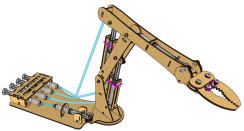
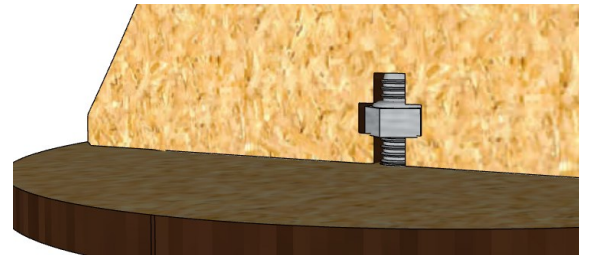
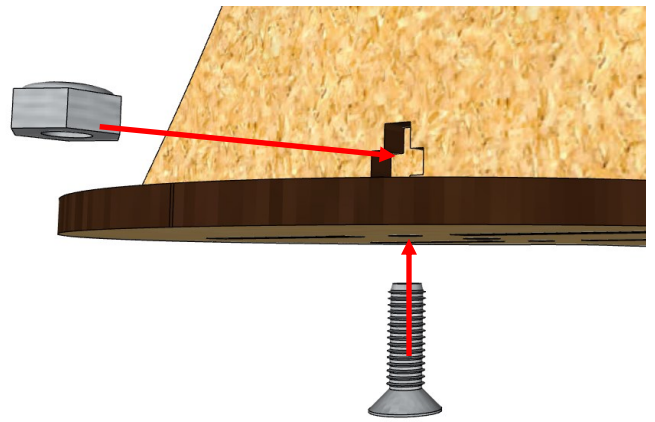
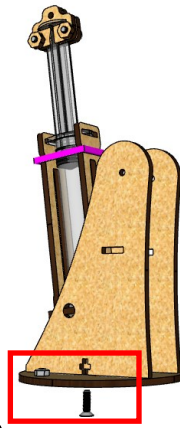


x1

M3

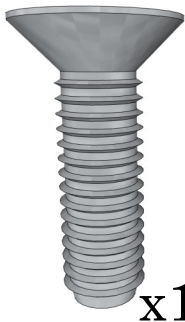


x1



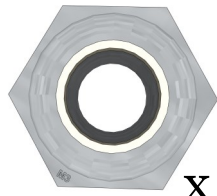
11

M3 x 12

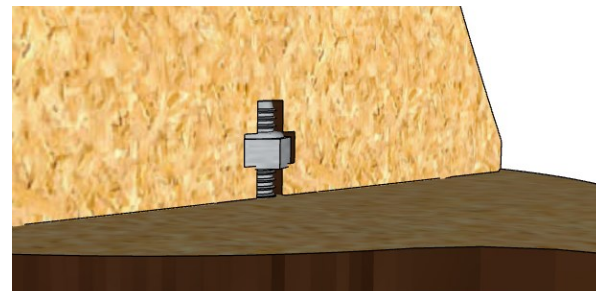
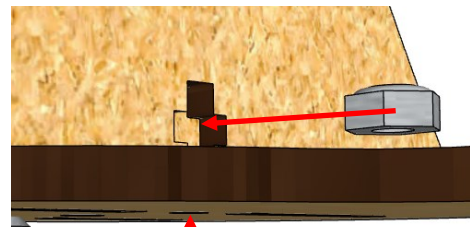


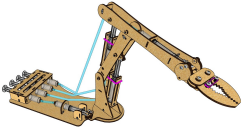
x1

M3



x1

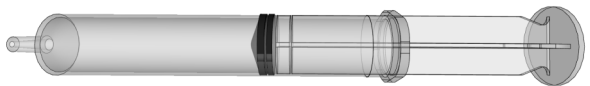




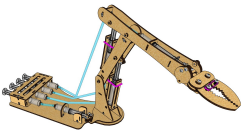
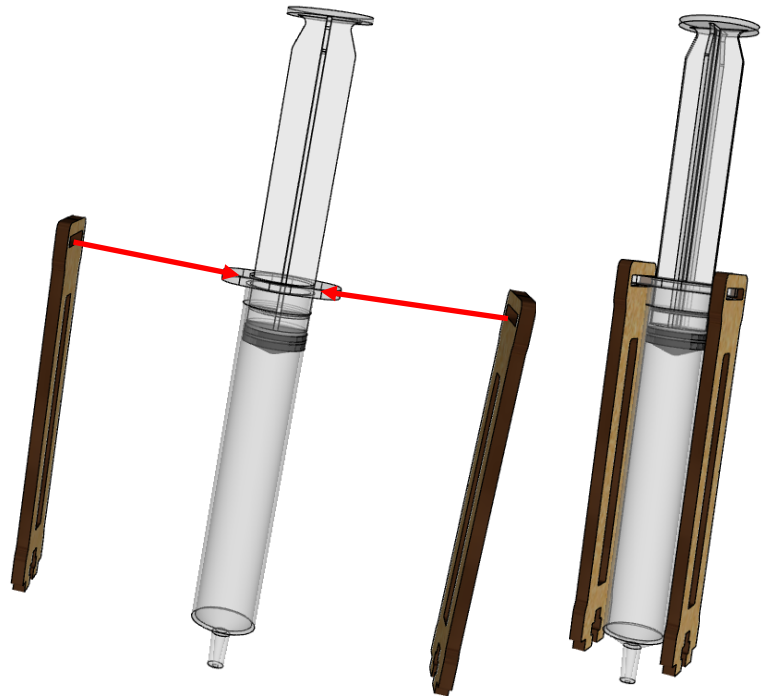
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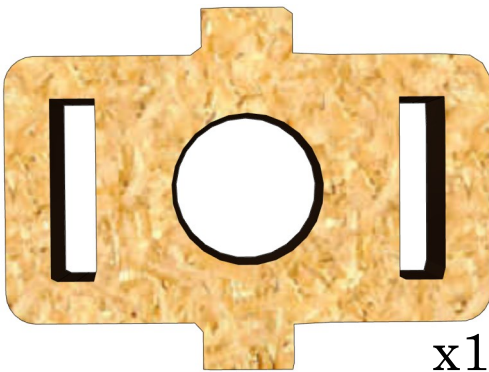
x2



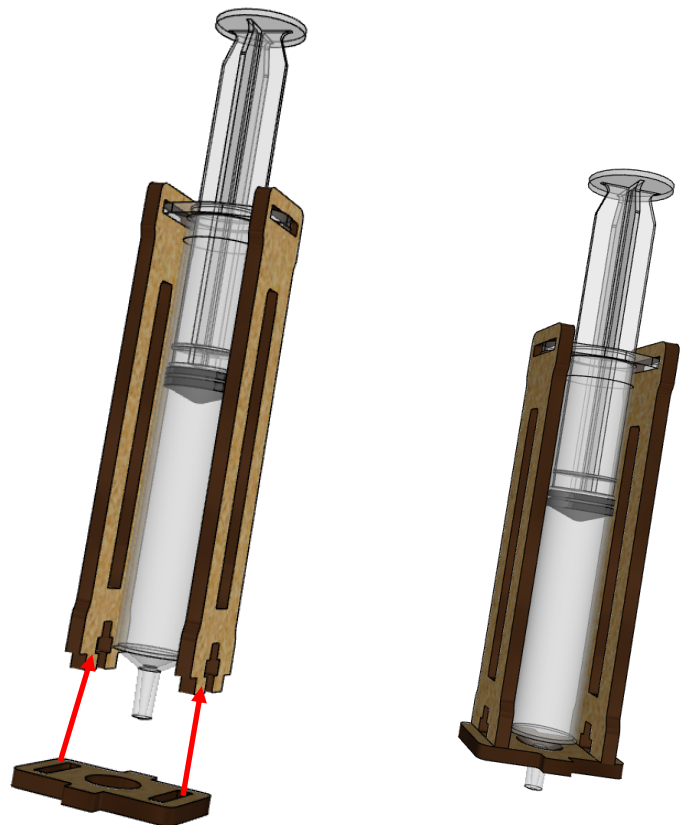
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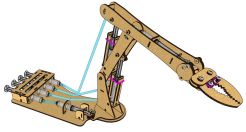


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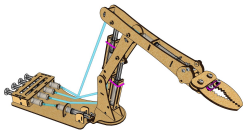
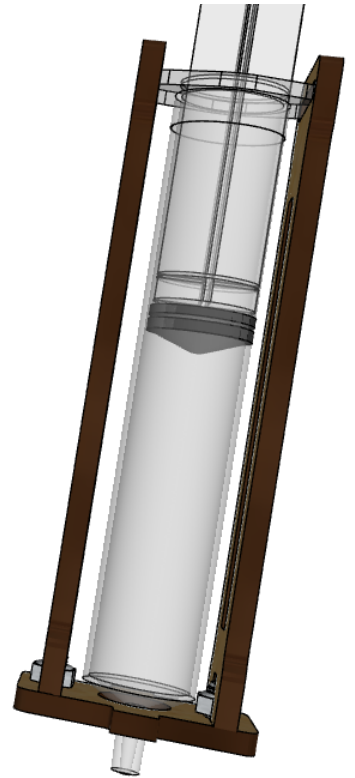
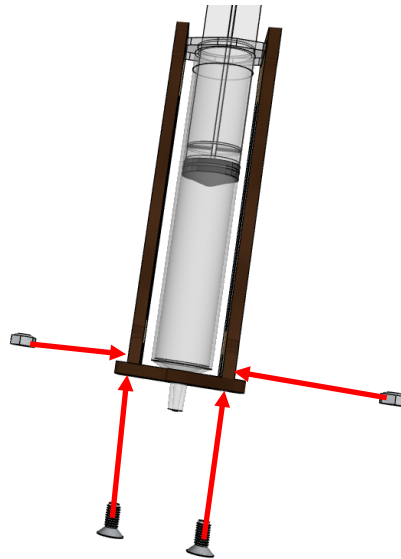
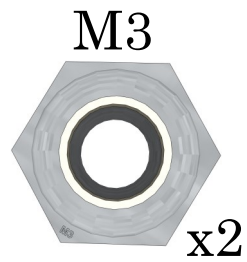
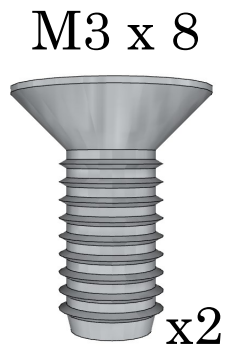


x1

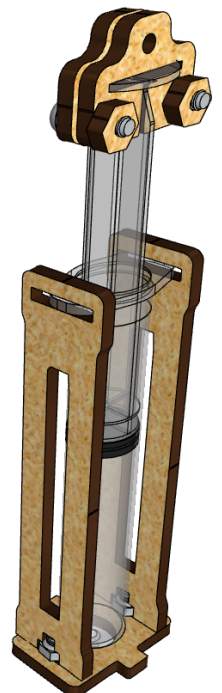
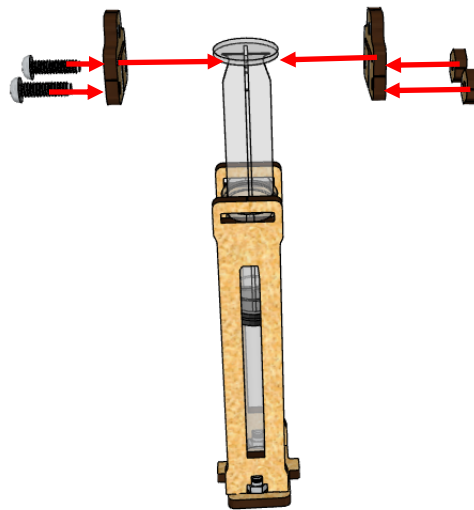
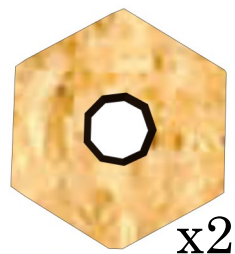
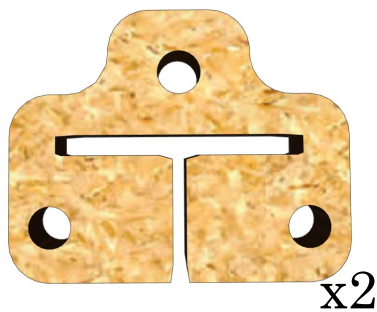
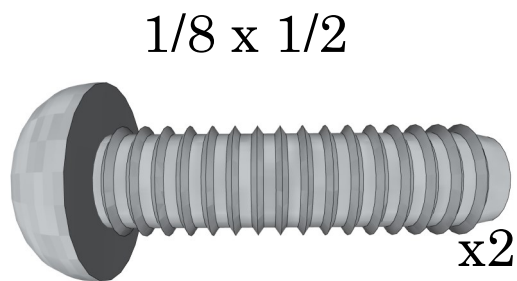


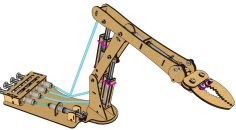


14

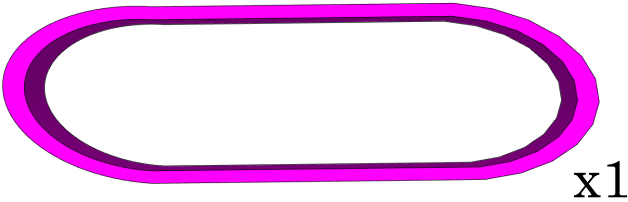


15

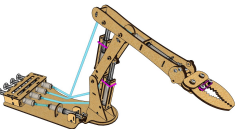
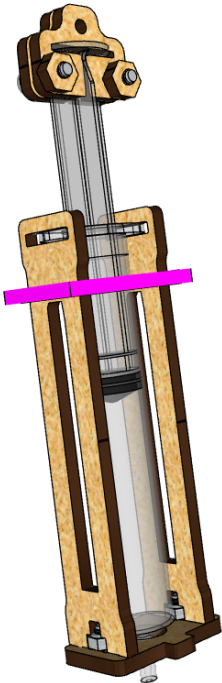
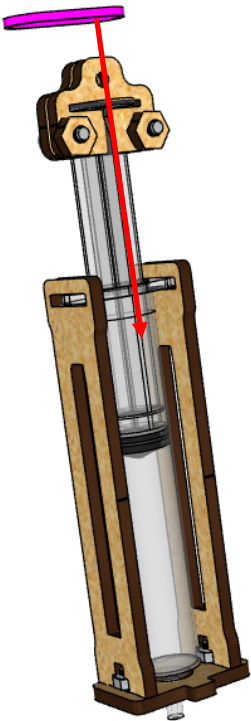




16



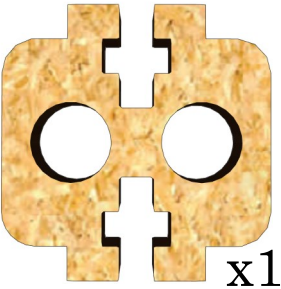
x1



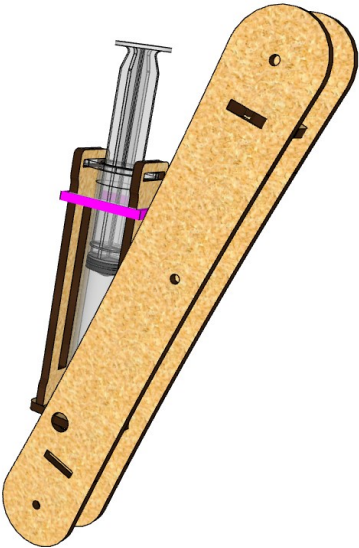
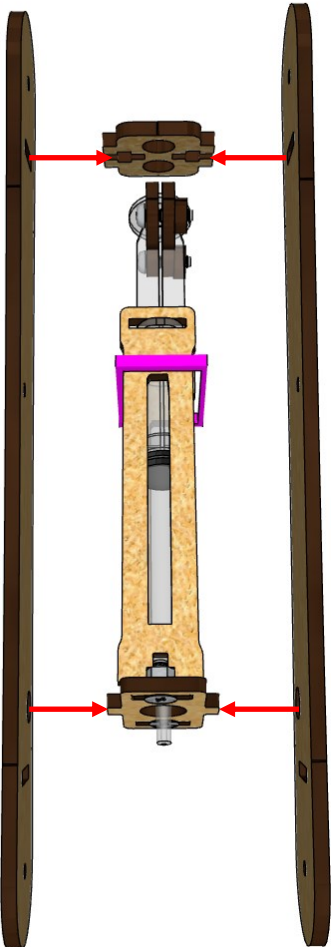
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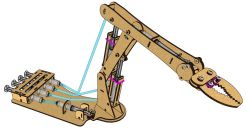


x2

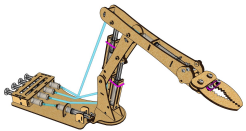
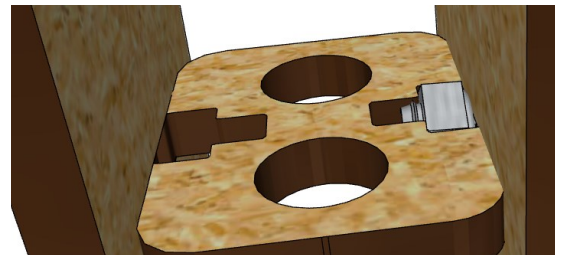
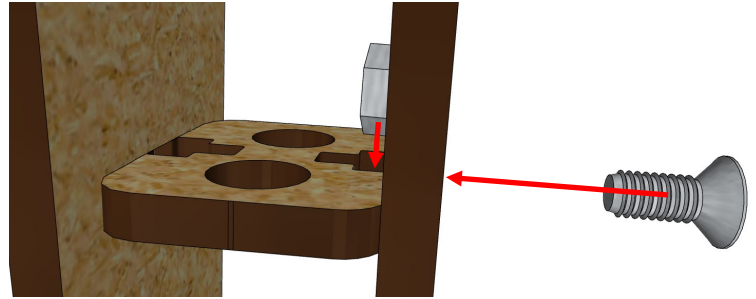
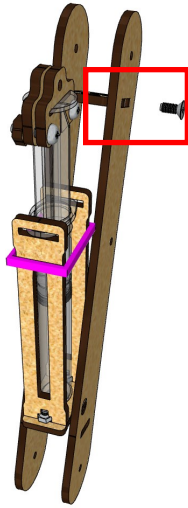
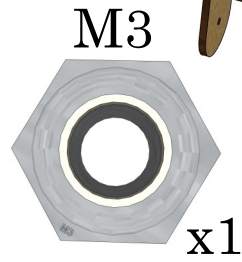
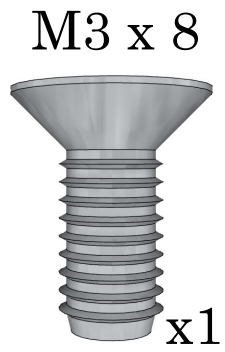


x1

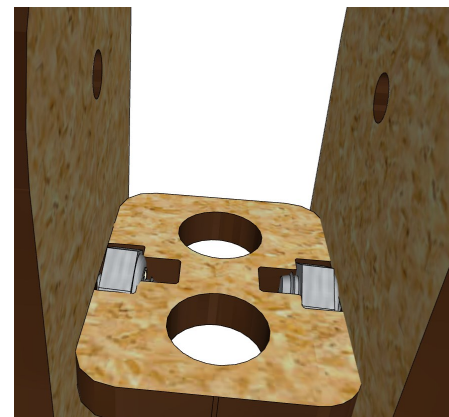
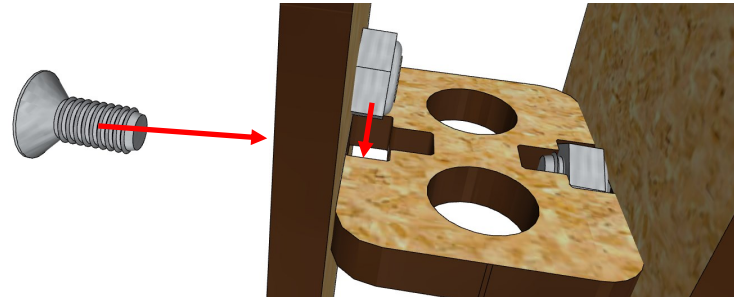
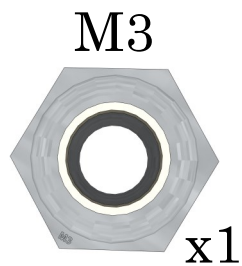
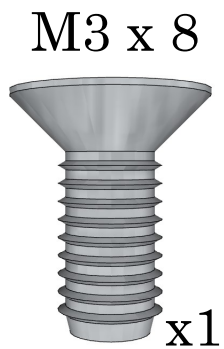


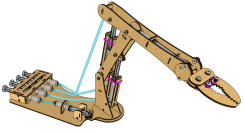


18

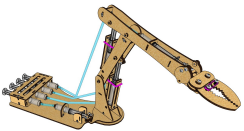
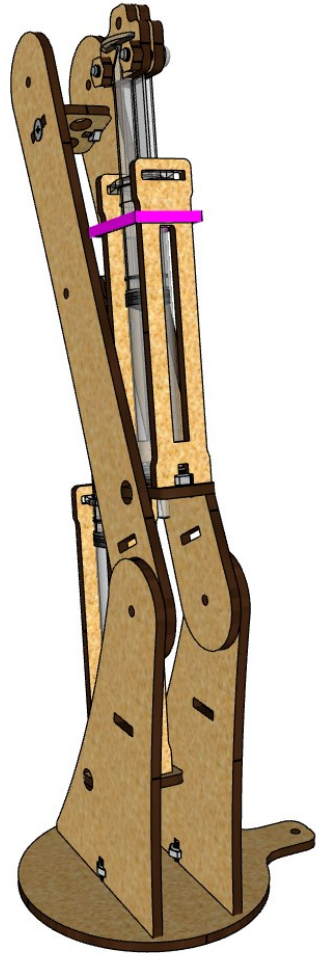
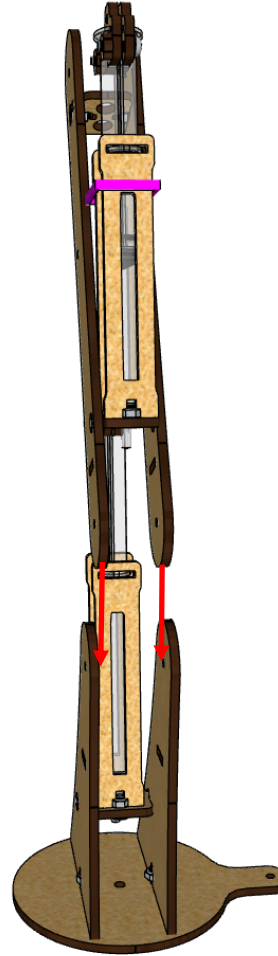
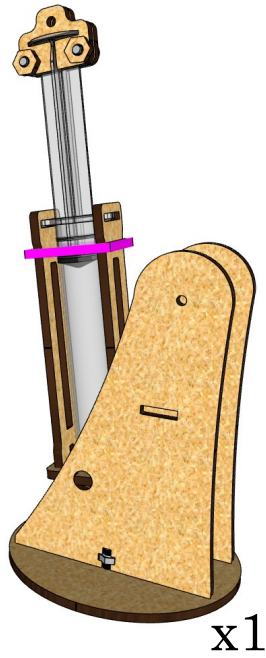


19

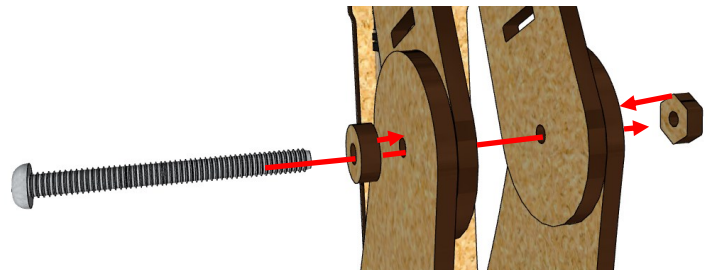
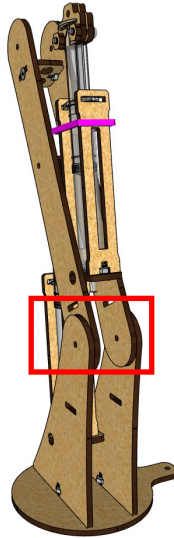
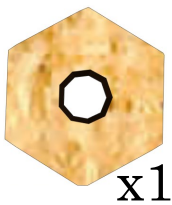
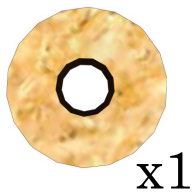




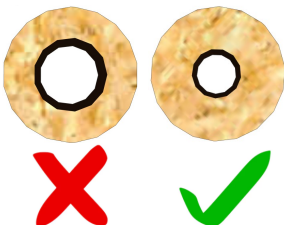
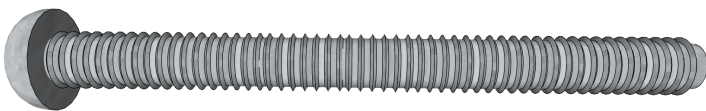
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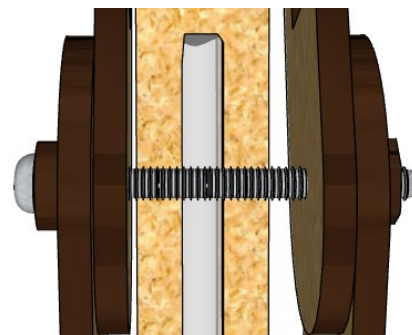
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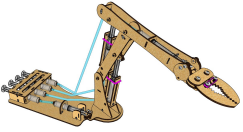


1/8 x 1 1/2

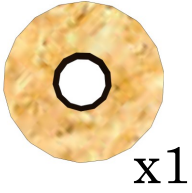


x1

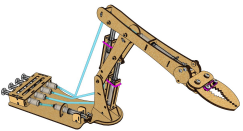
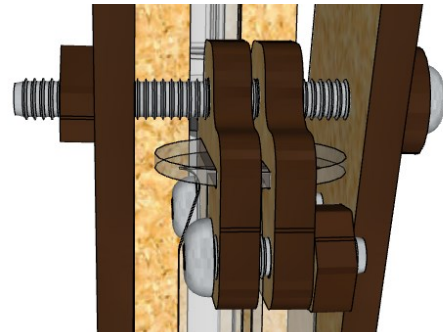
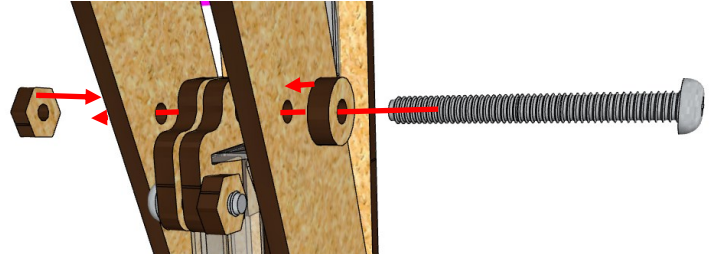
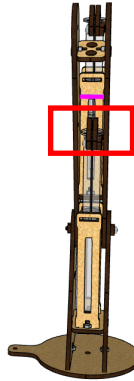
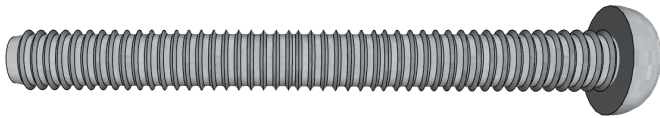




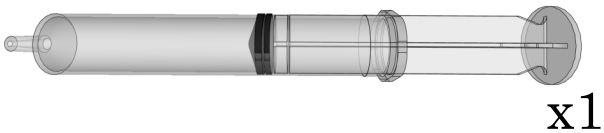
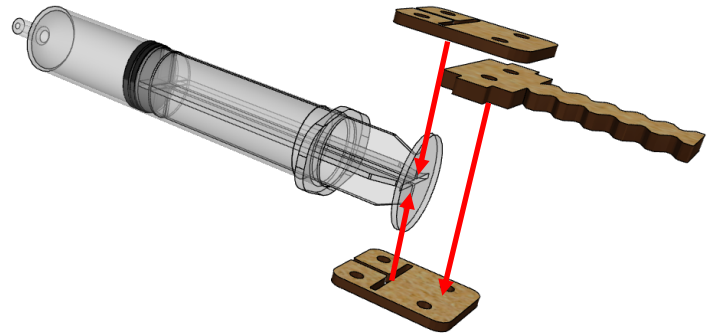
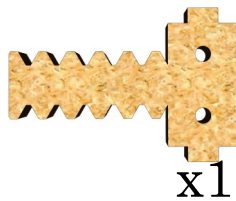
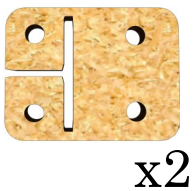
22



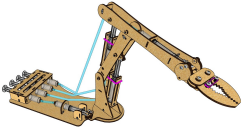
1/8 x 1 1/4



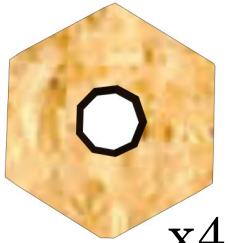
23



Llena la jeringa a 1 ml (un mililitro) sin dejar
aire

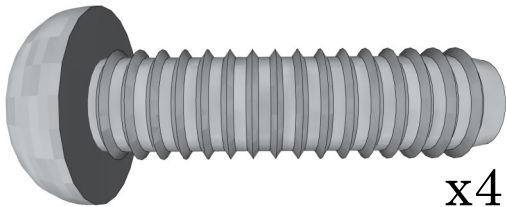


24

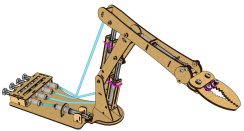
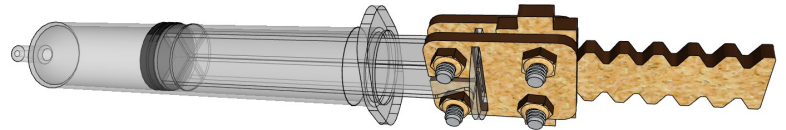
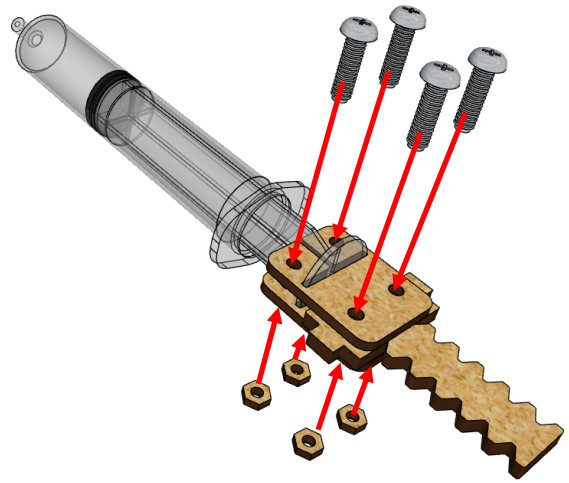


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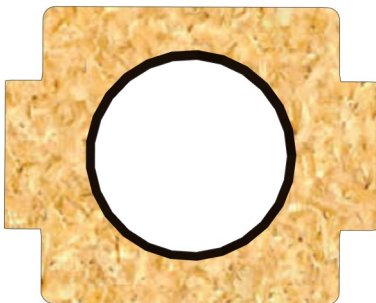
1/8 x 1/2



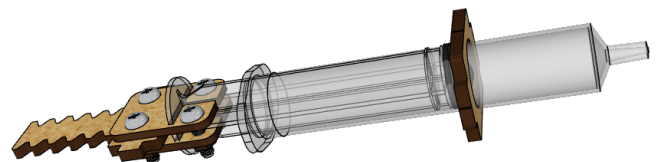
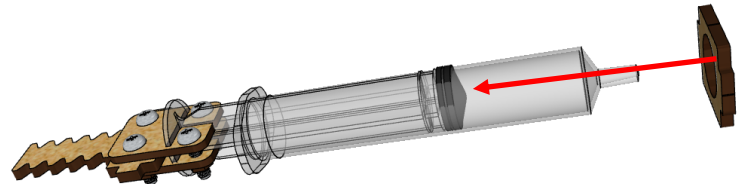
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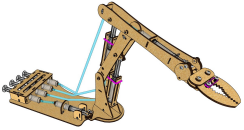


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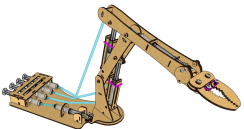
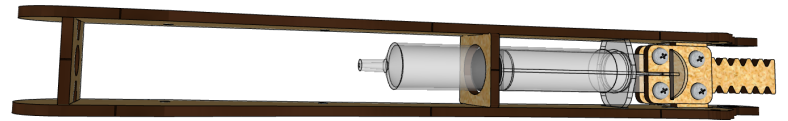
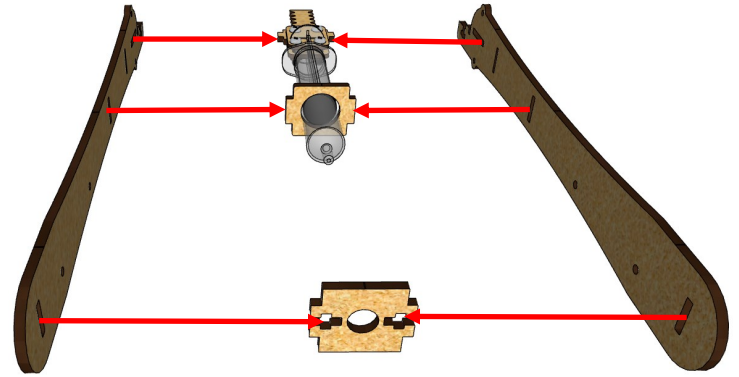
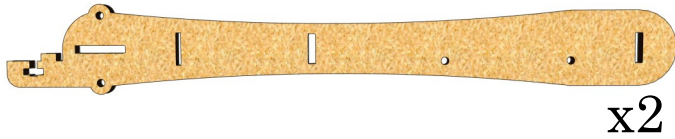
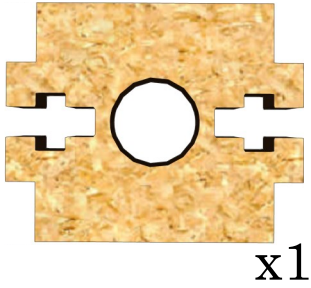


x1



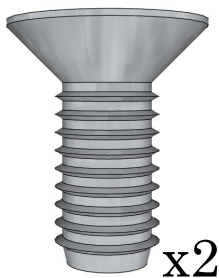


26

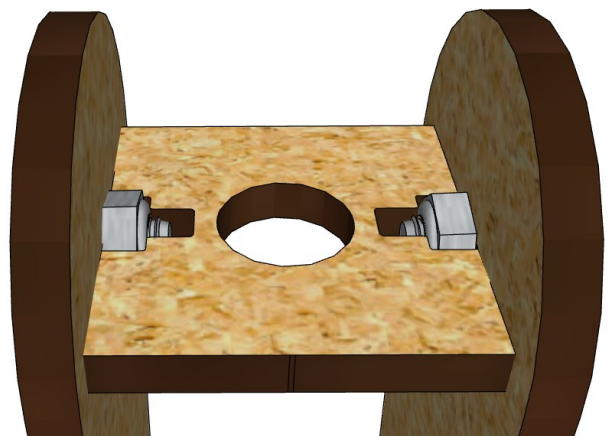
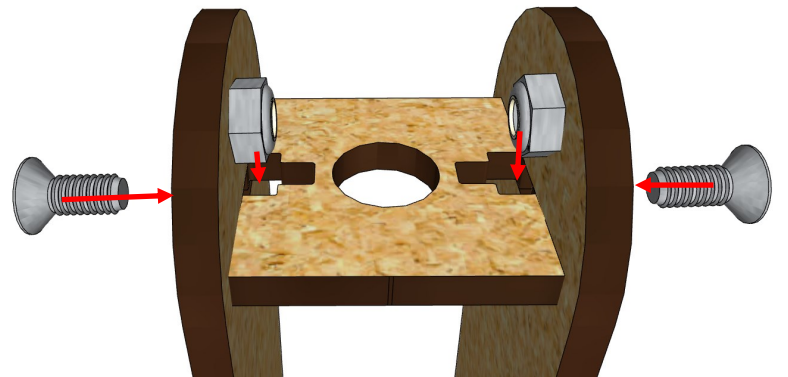
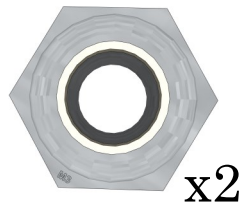


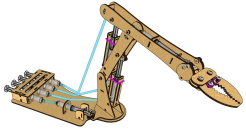
27

M3 x 8

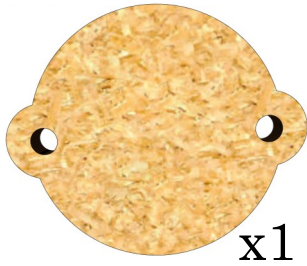


M3



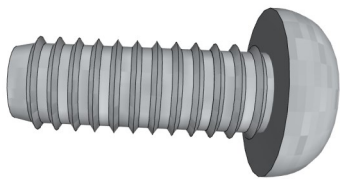


28

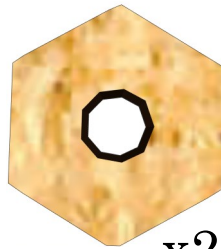


x1

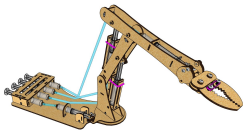
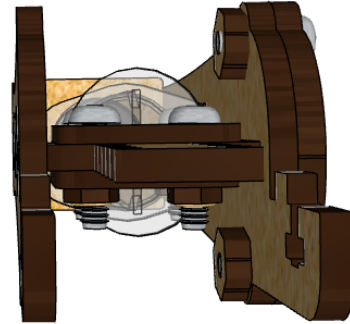
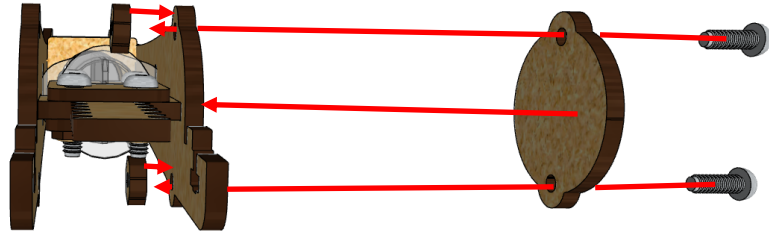
1/8 x 3/8



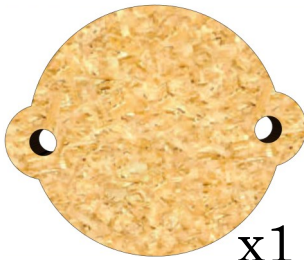
x2



x2

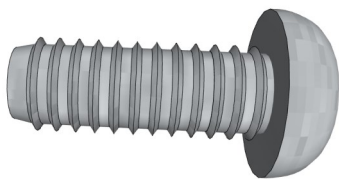


29

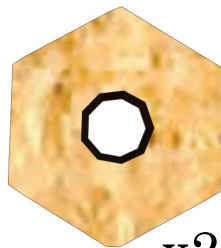


x1

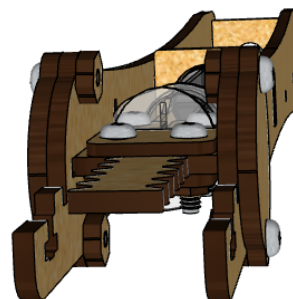
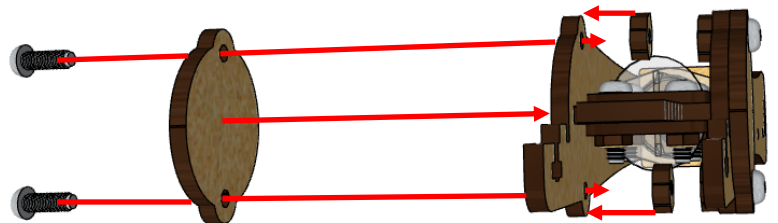
1/8 x 3/8

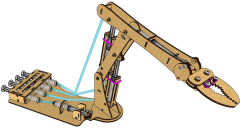


x2

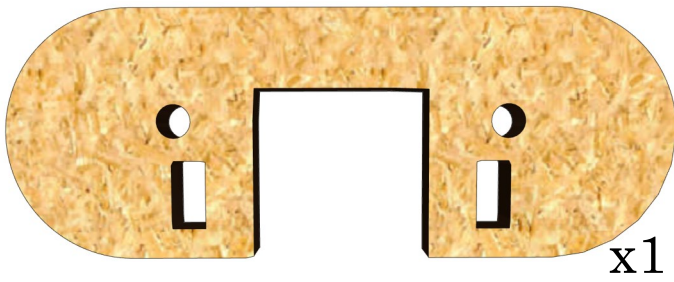
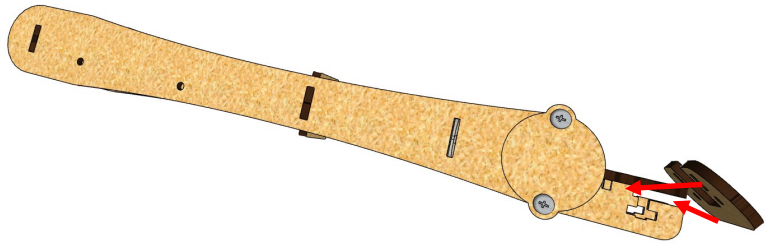


x2

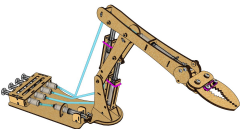
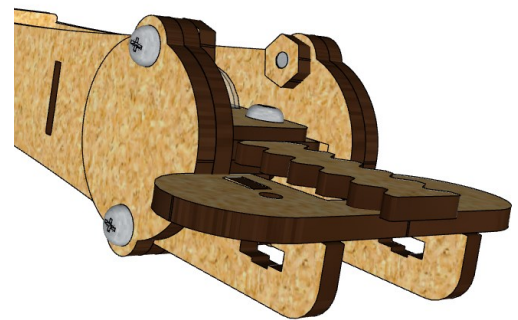




30



x1



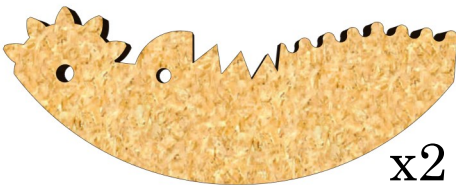
31



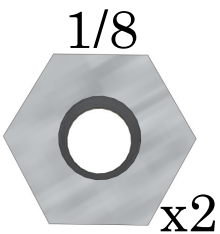
x1



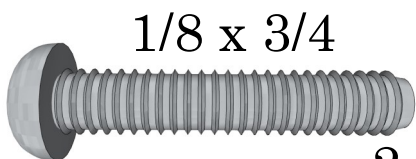
x2



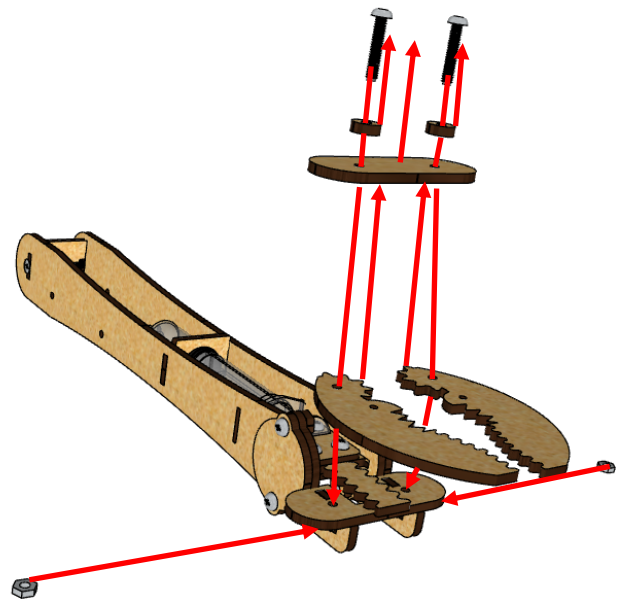
x2



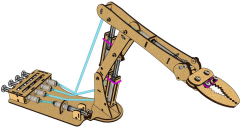
x2



x2

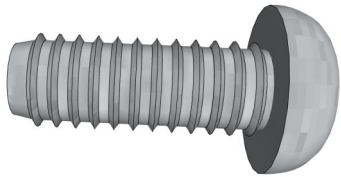


Nota: si es necesario vacía un poco la jeringa para alinear las piezas sin dejar aire

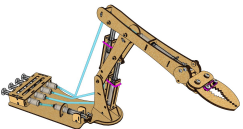
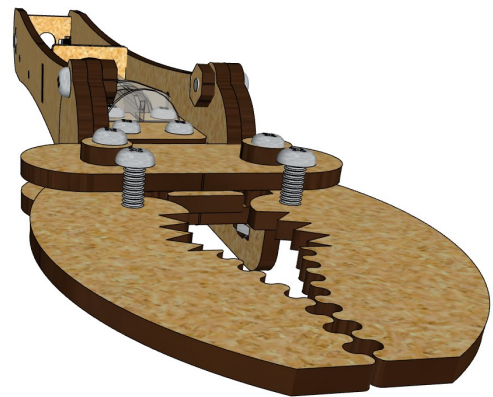
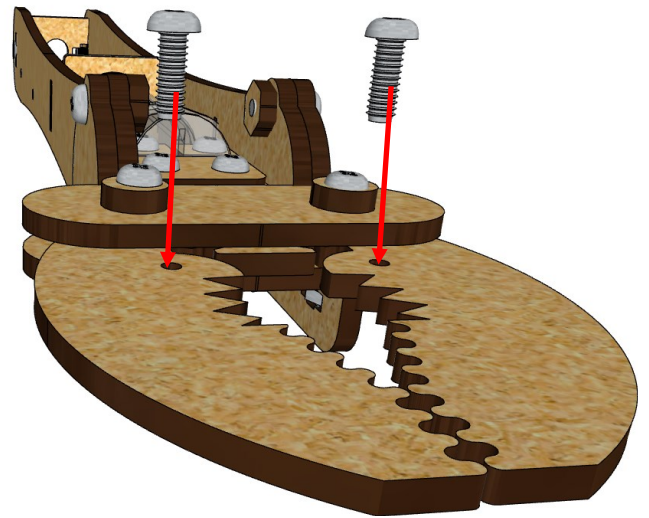


32

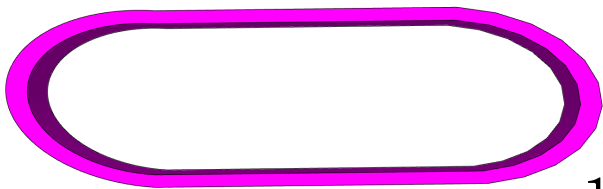
1/8 x 3/8



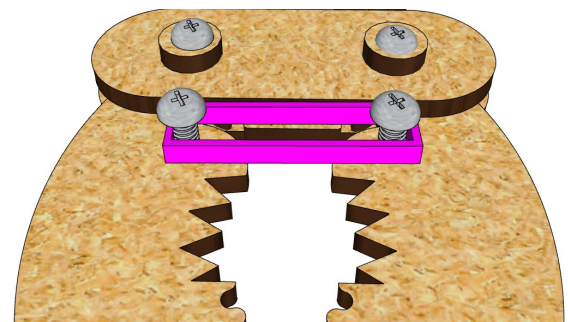
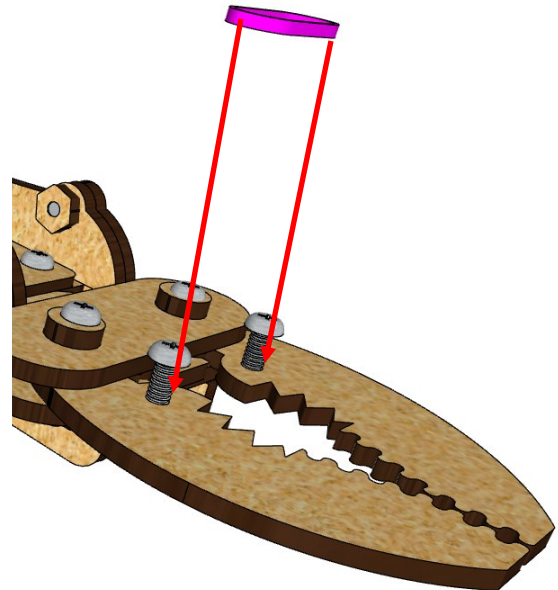
x2

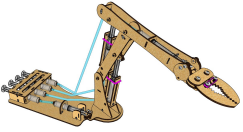


33

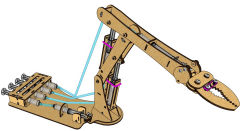
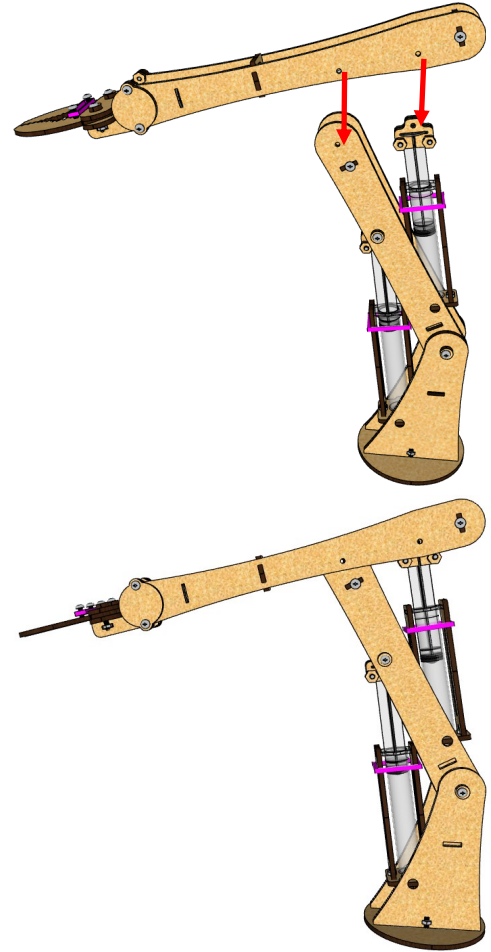
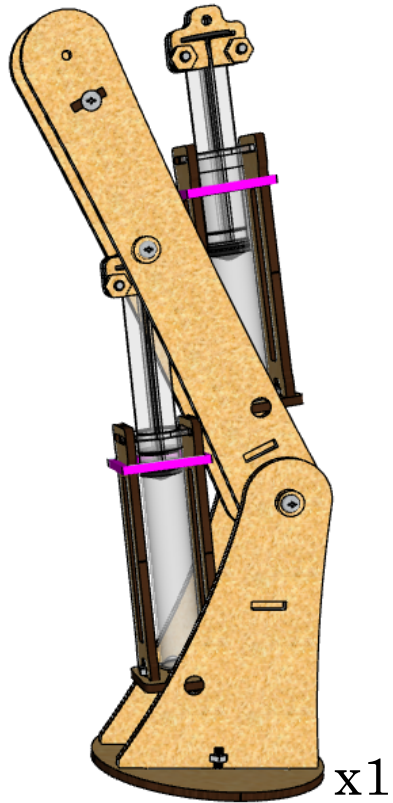


x1



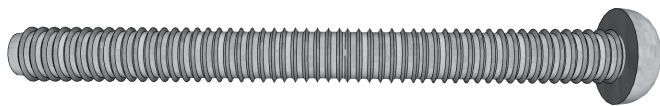


34



35

1/8 x 1 1/2



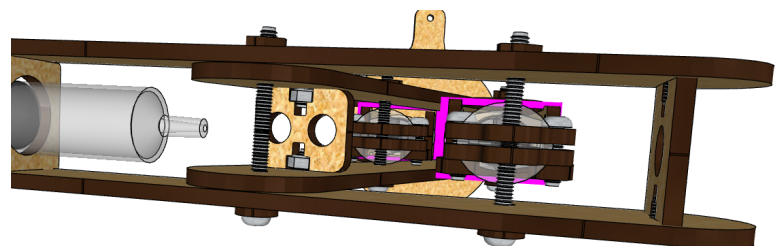
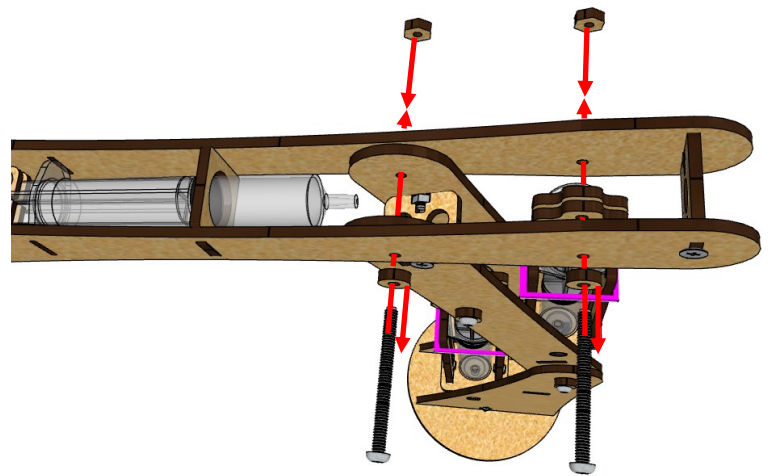
x2

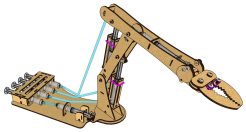


x2

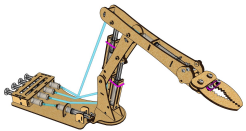
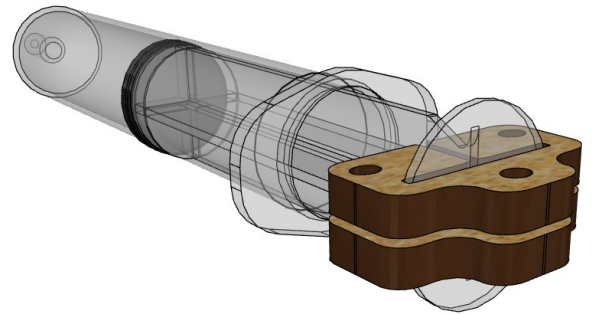
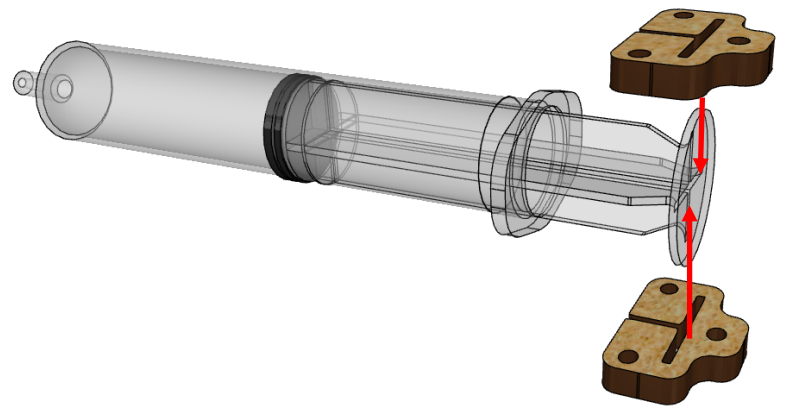
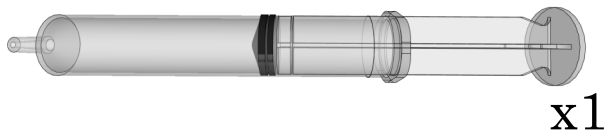
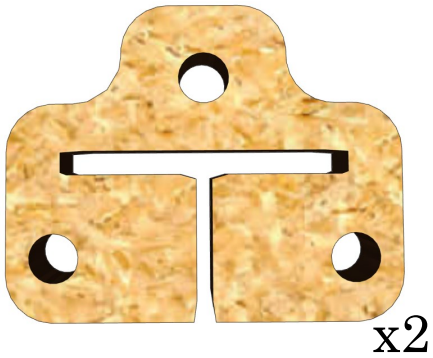


x2

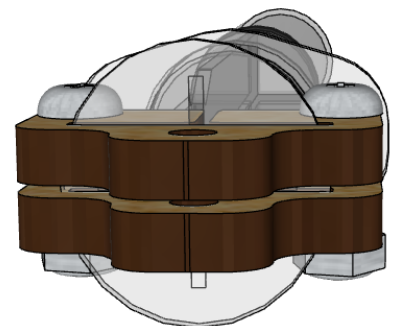
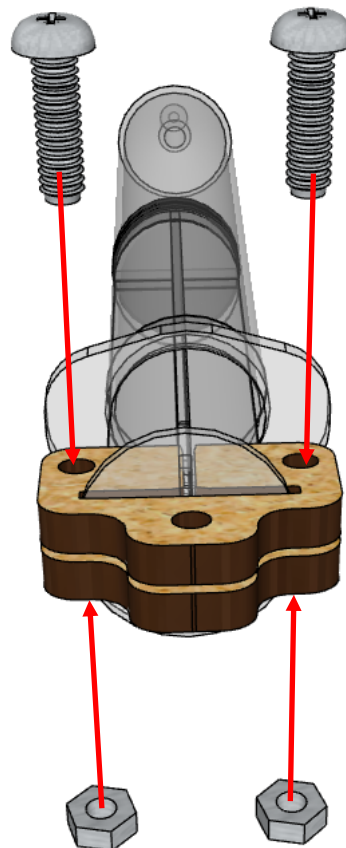
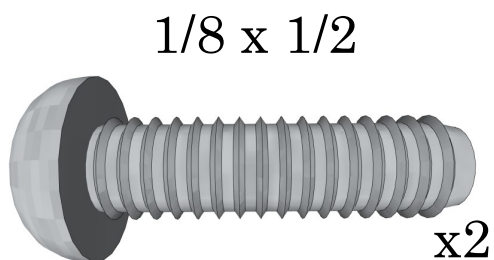
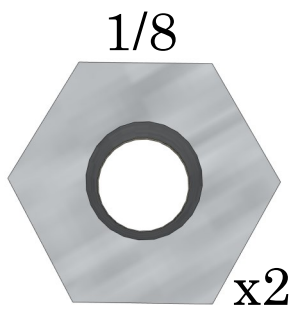


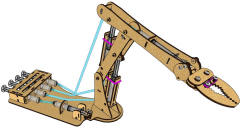


36

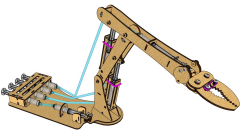
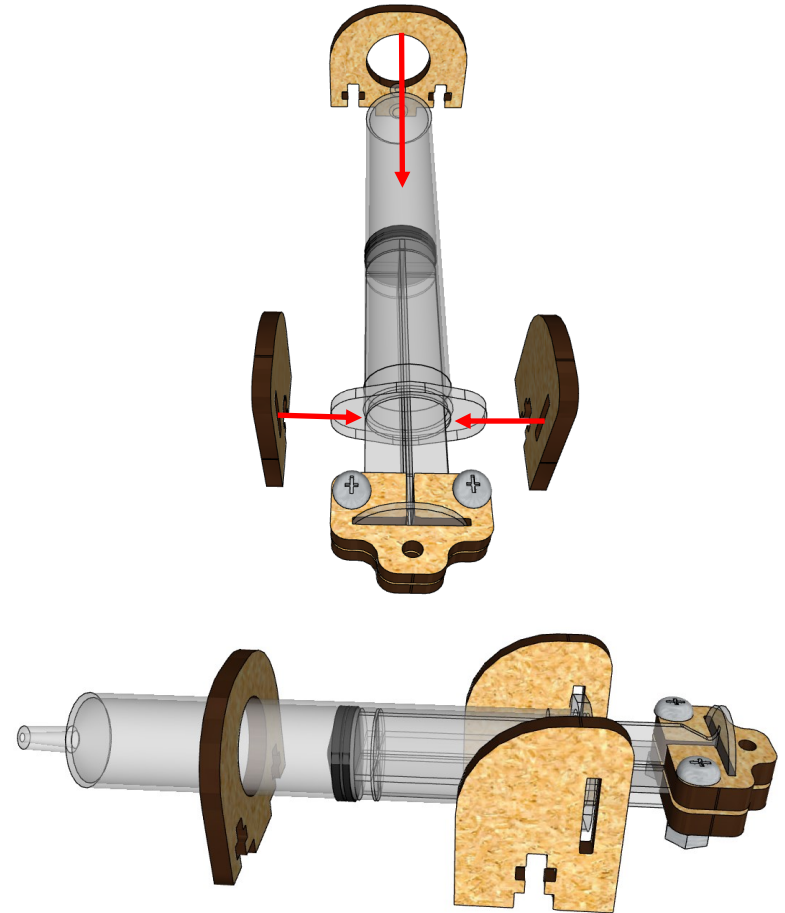
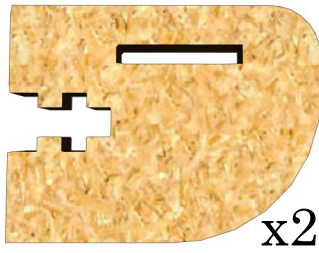
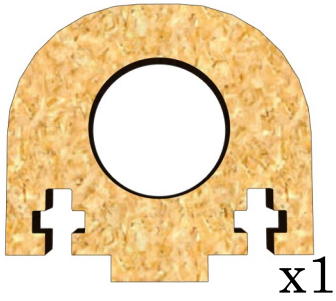


37

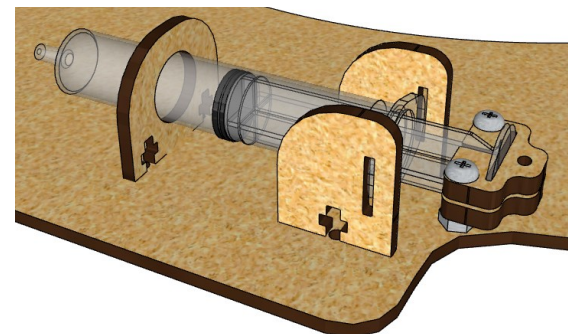
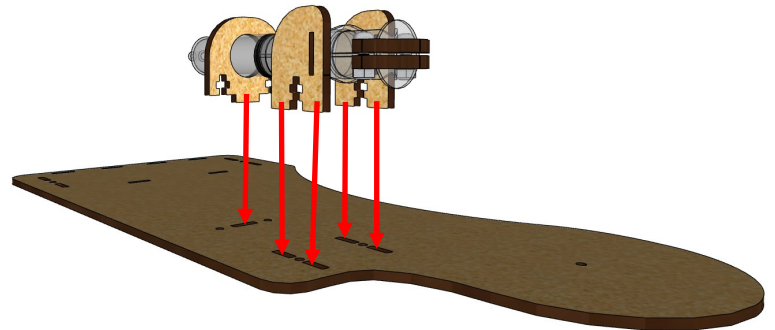
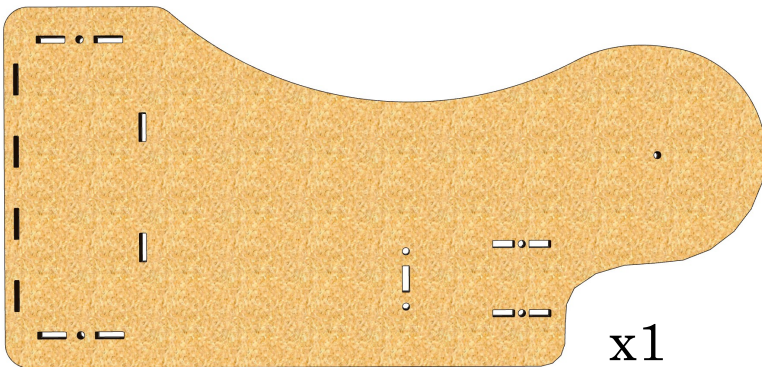


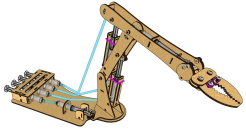


38

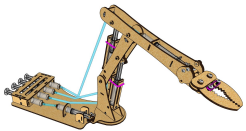
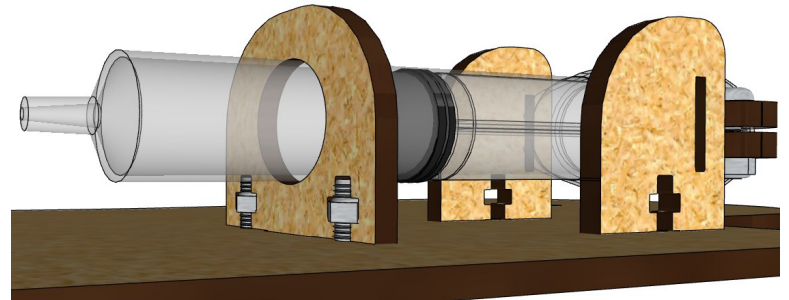
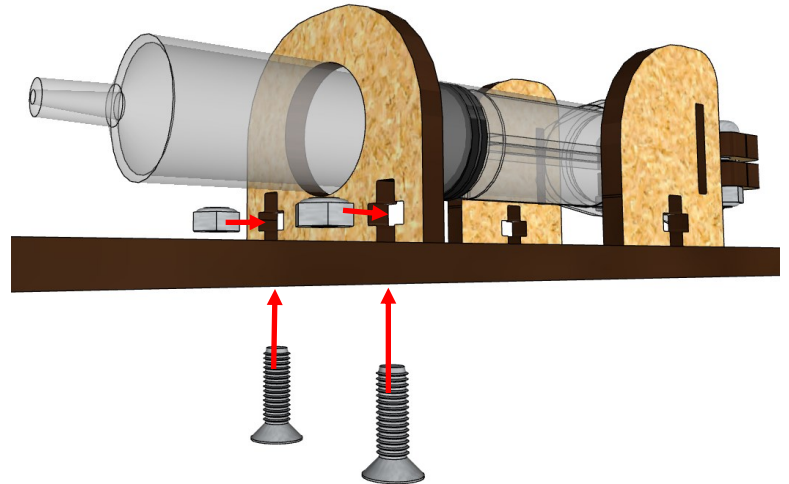
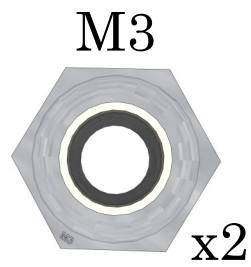
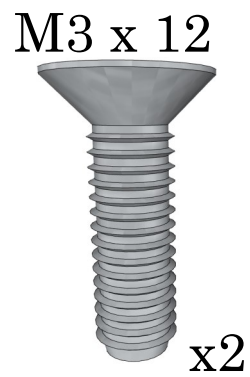


39

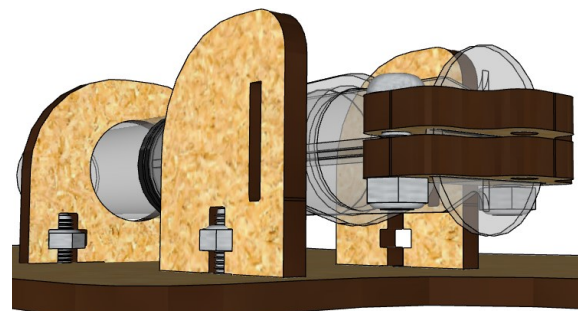
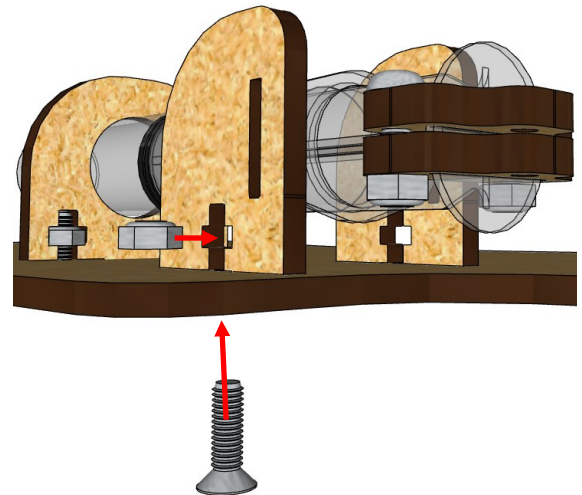
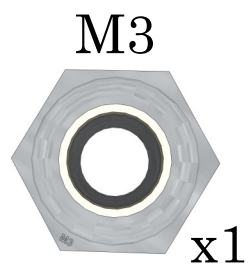


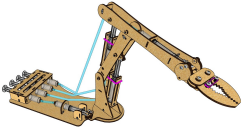


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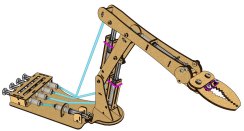
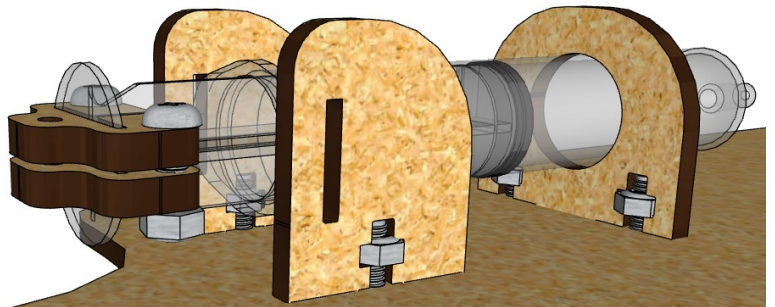
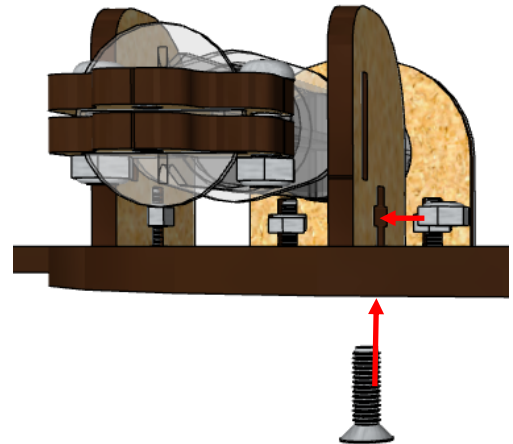
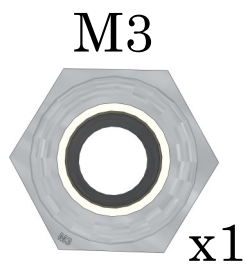
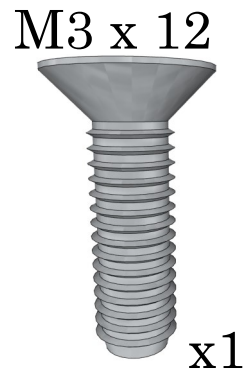


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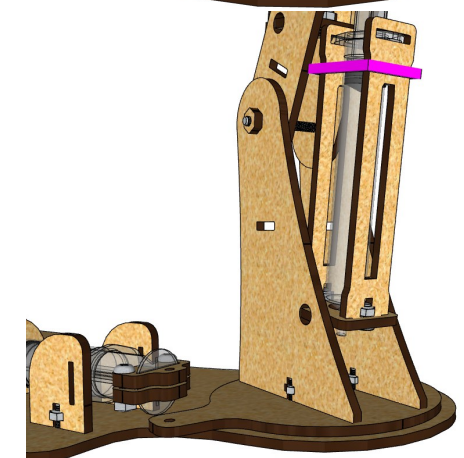
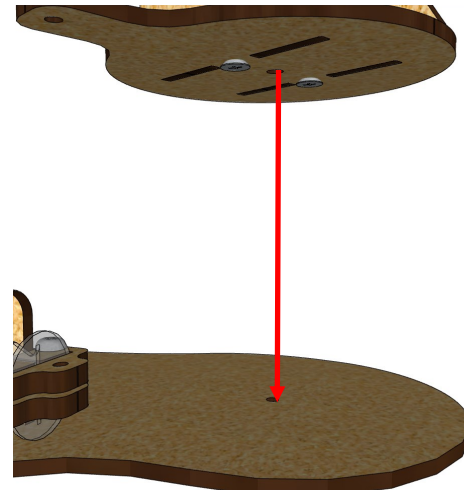
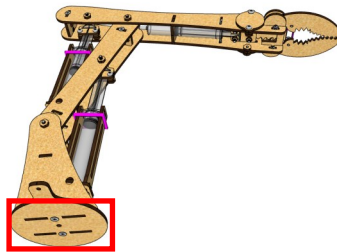
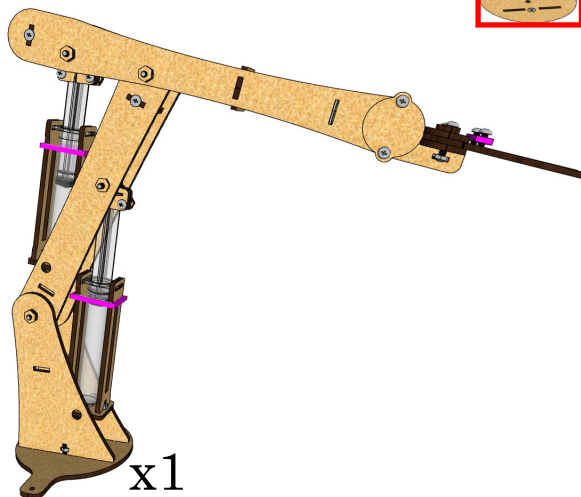


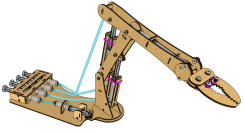


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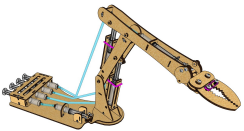
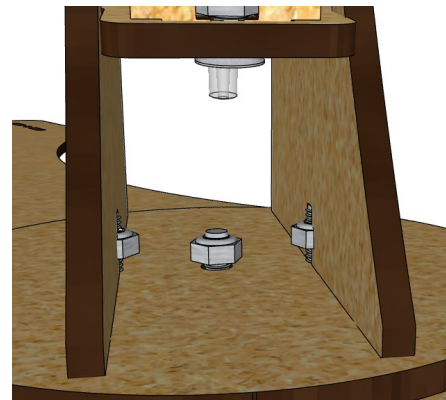
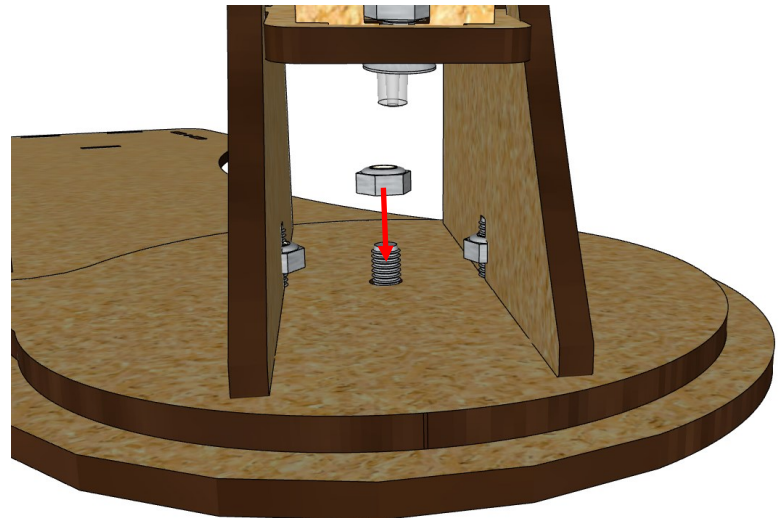
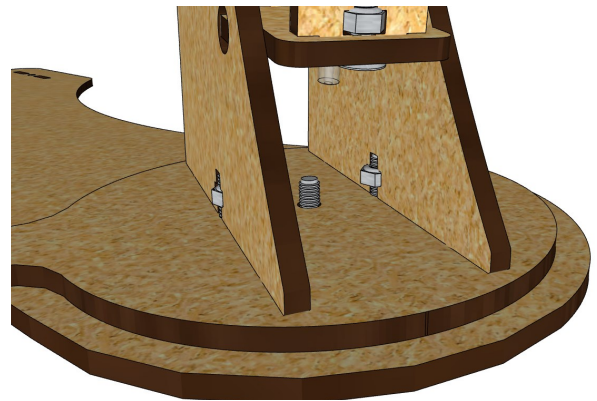
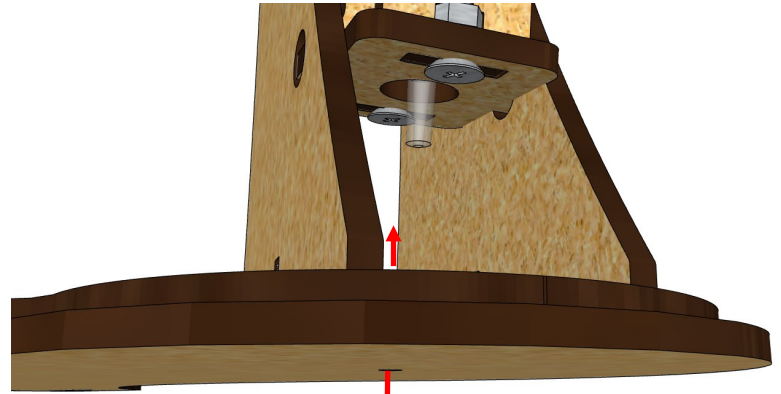


43



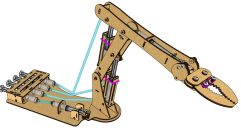


44

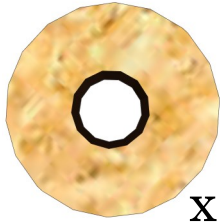


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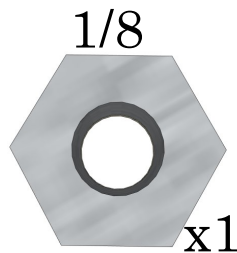




46

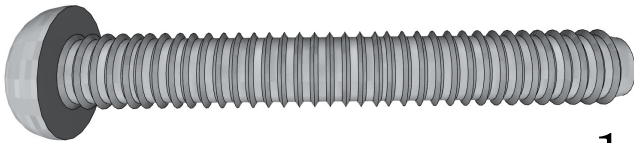


x4

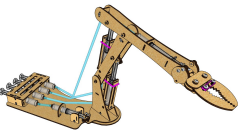
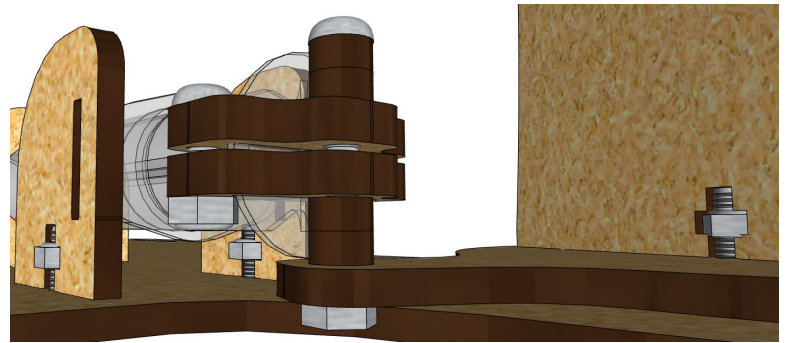
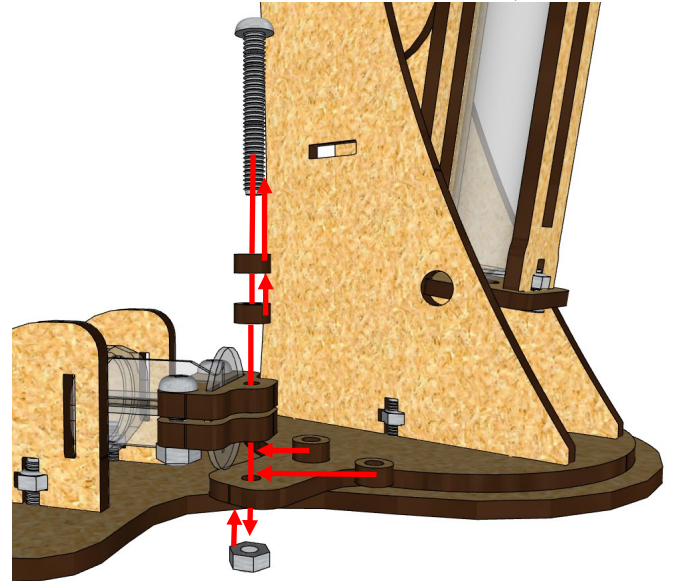


x1

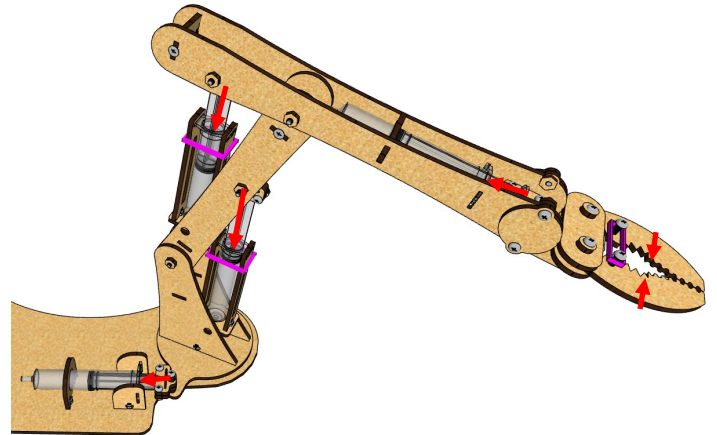
1/8 x 1



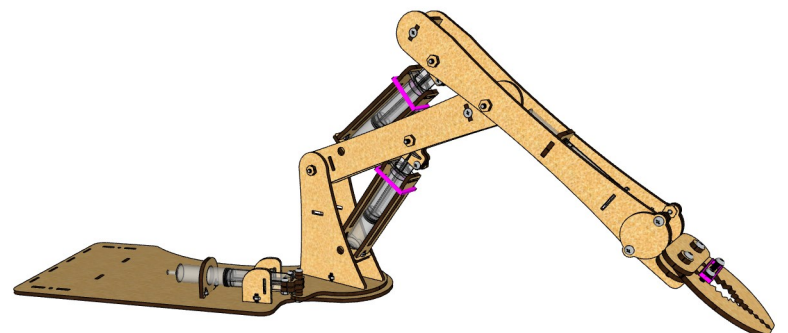
x1

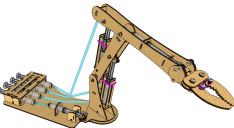


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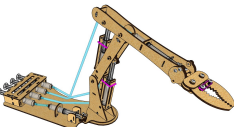
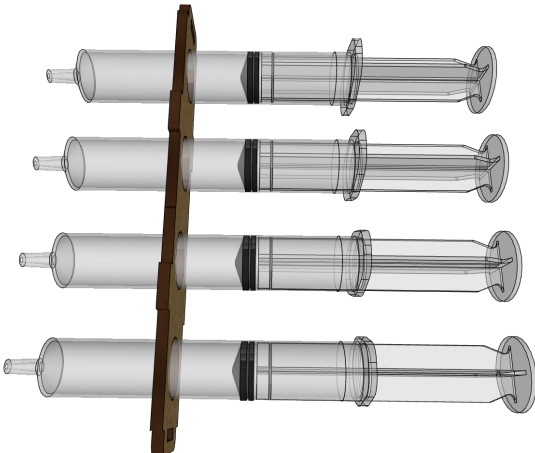
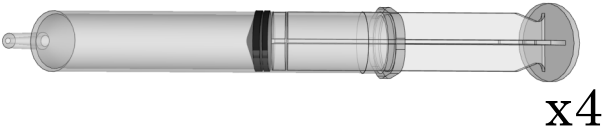
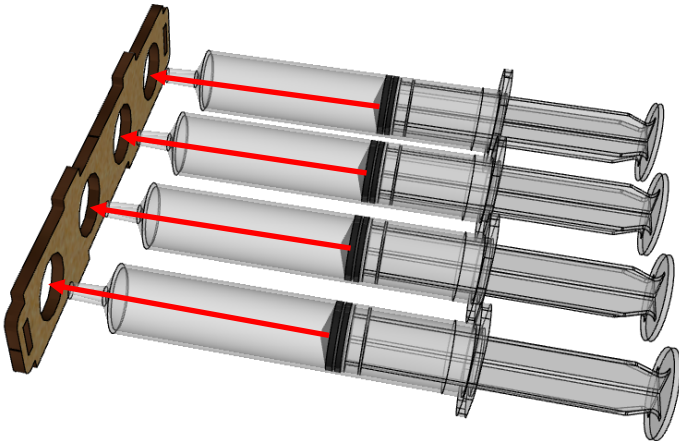
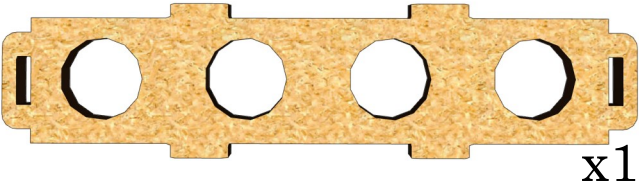


Nota: Asegurarse de que las jeringas estén vacías (sin aire; Con excepción de la jeringa de la garra). A partir de este momento deberán de permanecer así .

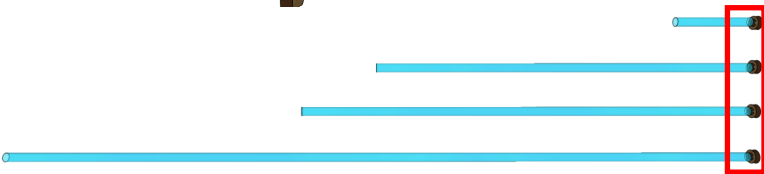
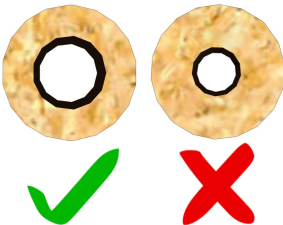
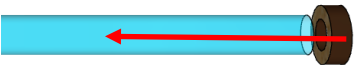
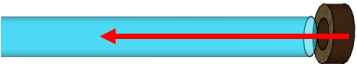


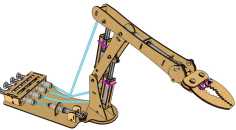


48

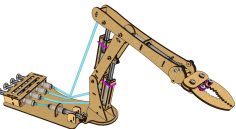
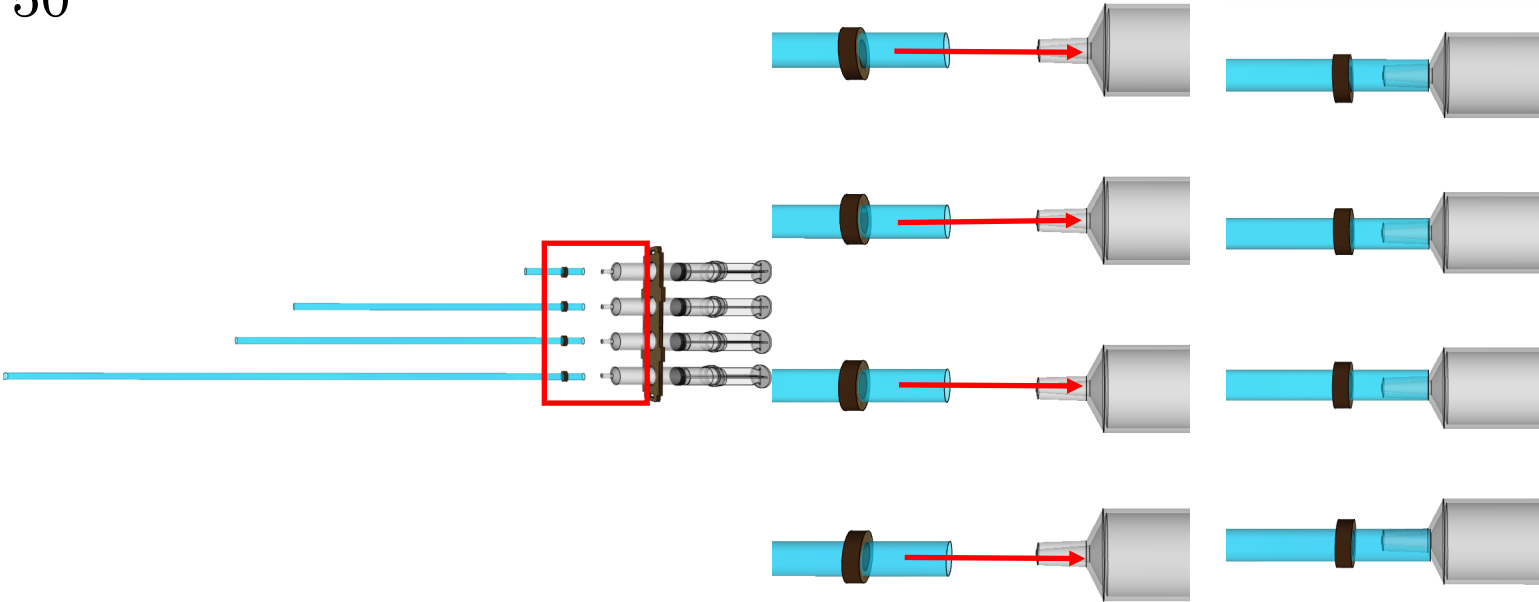


49

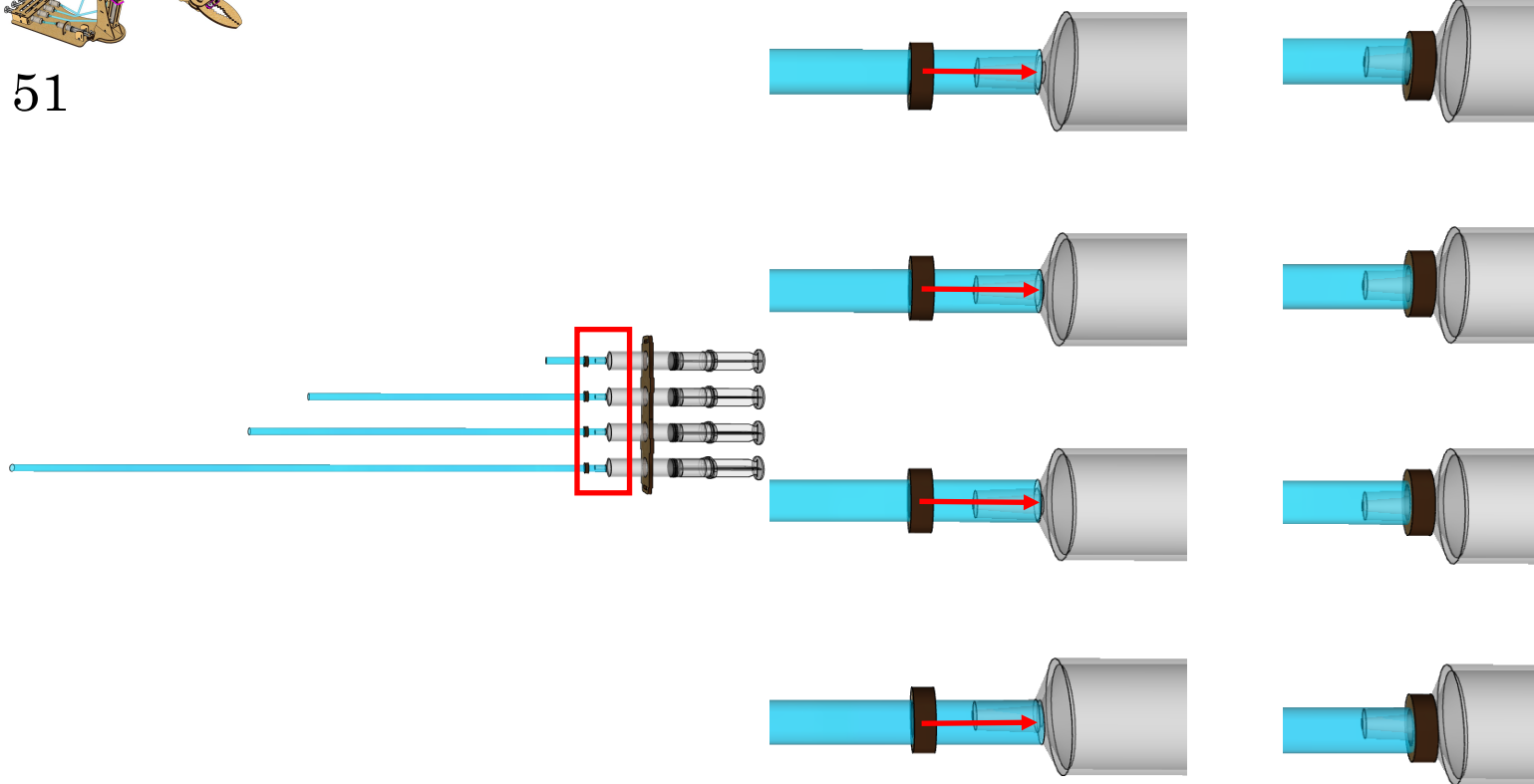


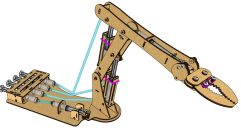


50

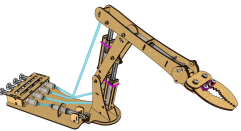
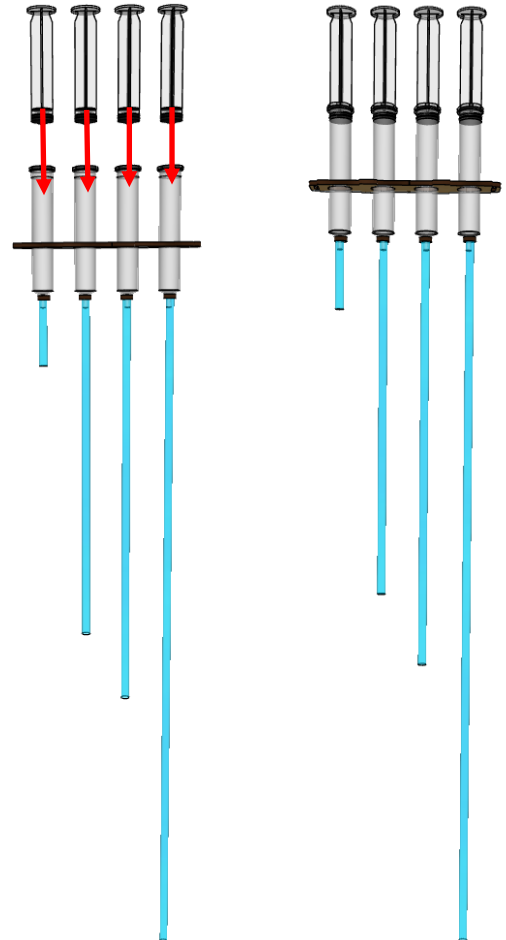
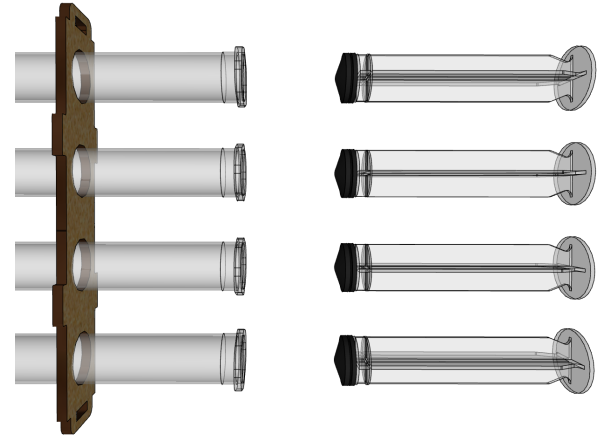
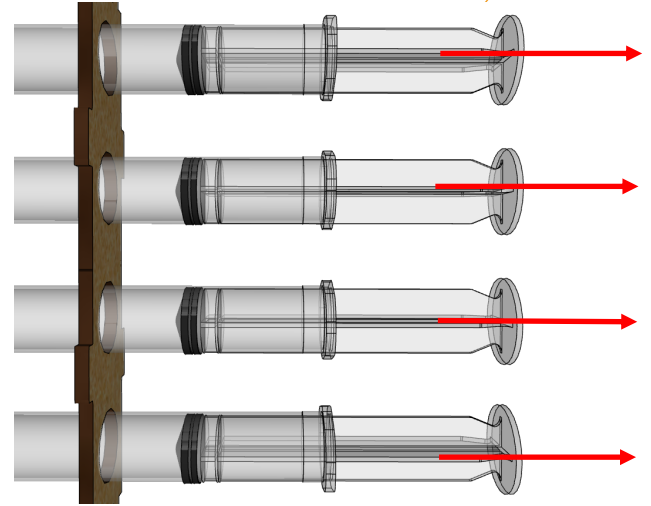


51



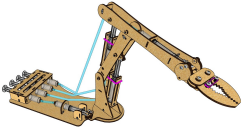


52

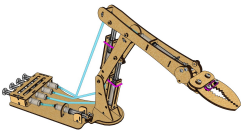
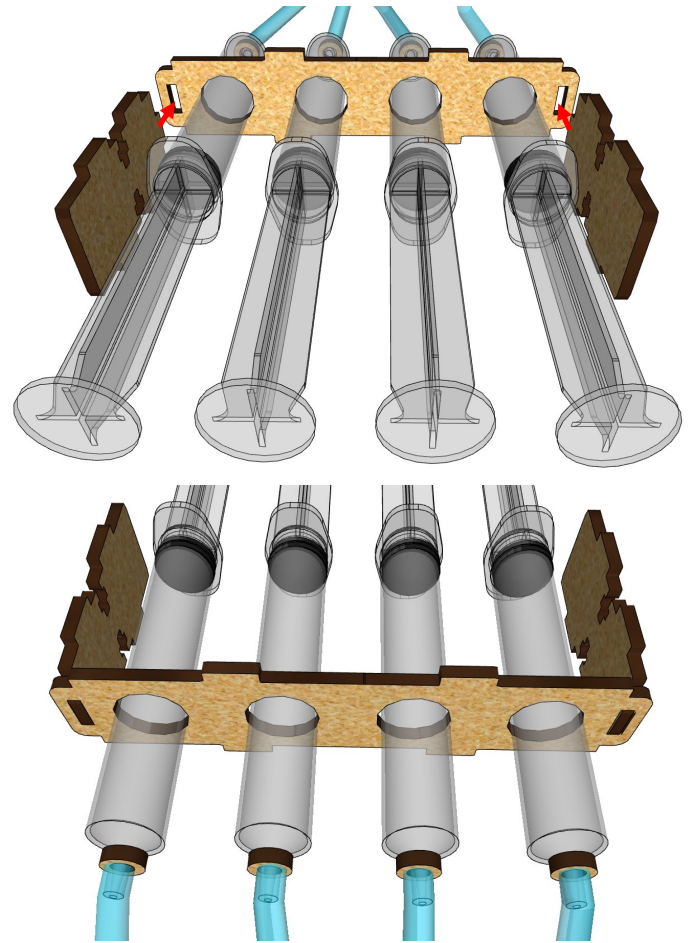
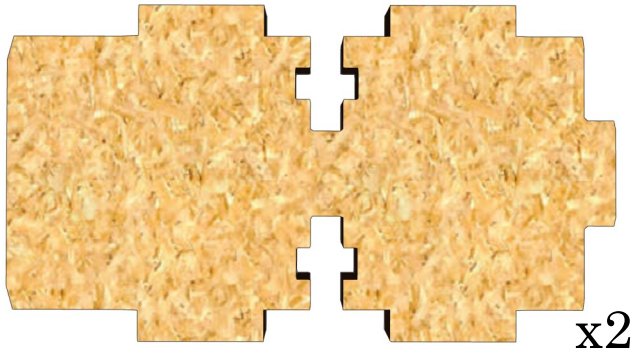


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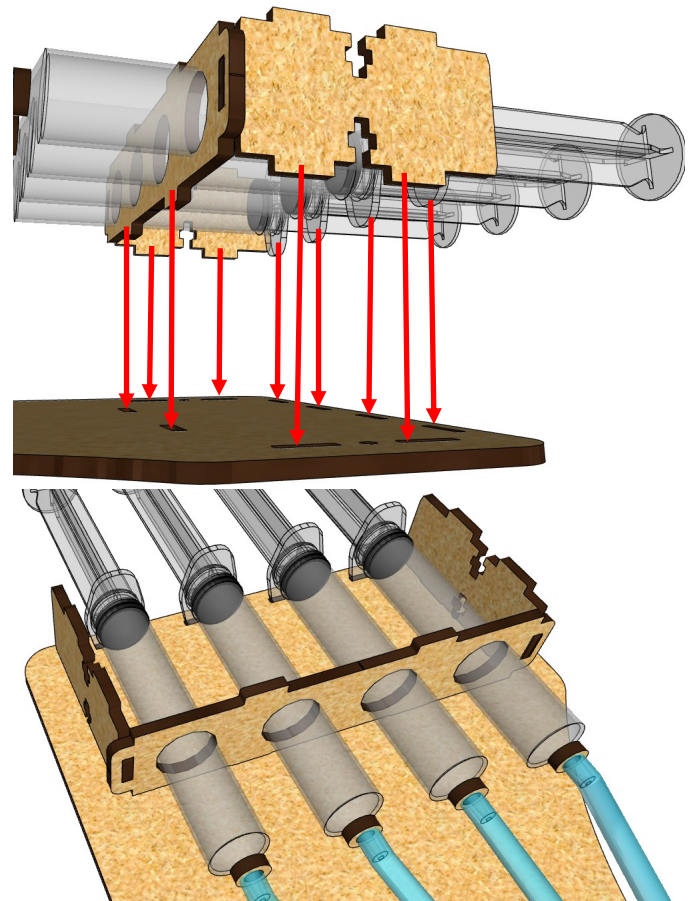
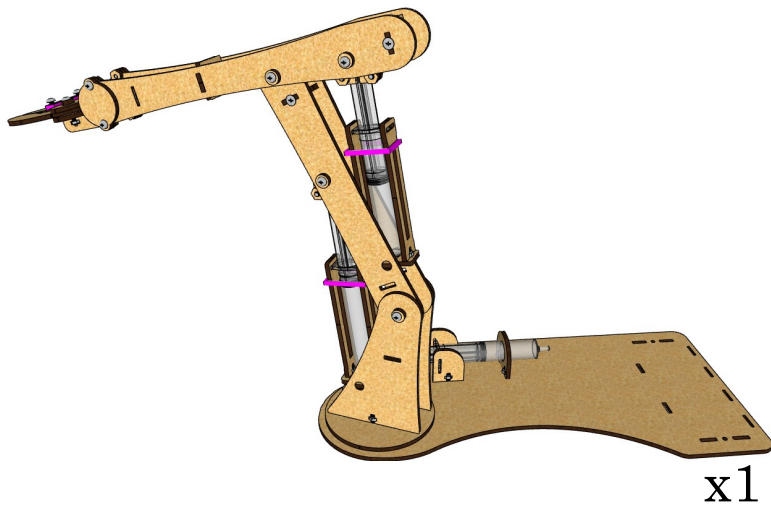
Primero llena una de las jeringas y su manguera por completo sin dejar aire, cuando ambas estén completamente llenas pon el émbolo (como se muestra) así una por una.

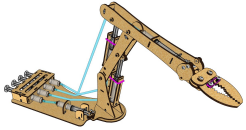


54



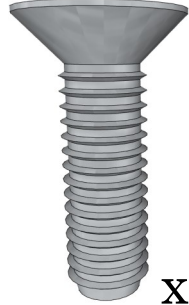
55





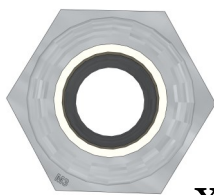
56

M3 x 12

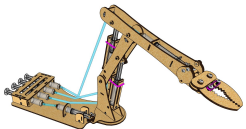
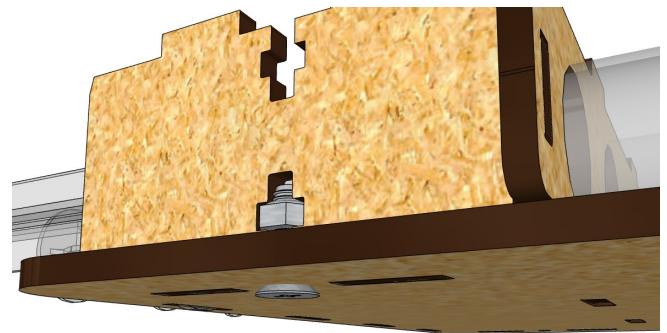
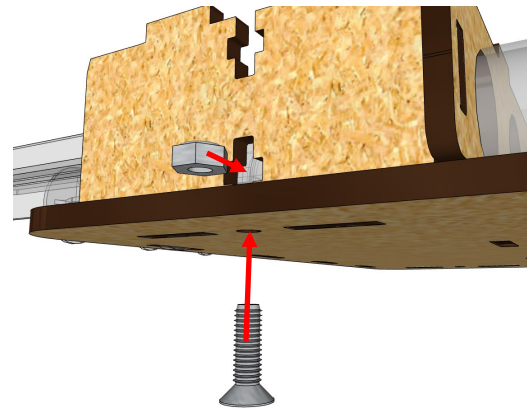


x1

M3

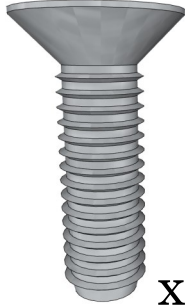


x1



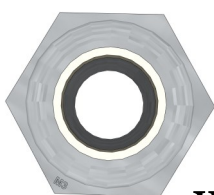
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M3 x 12

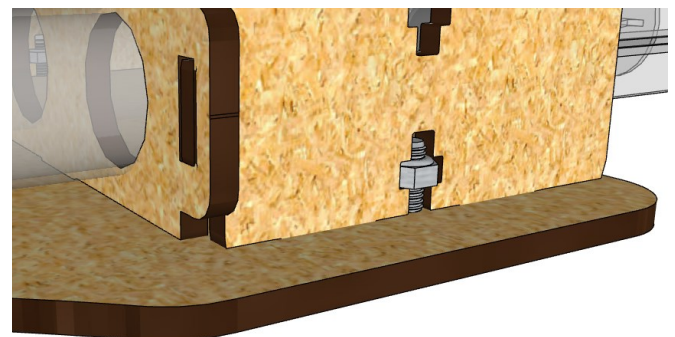
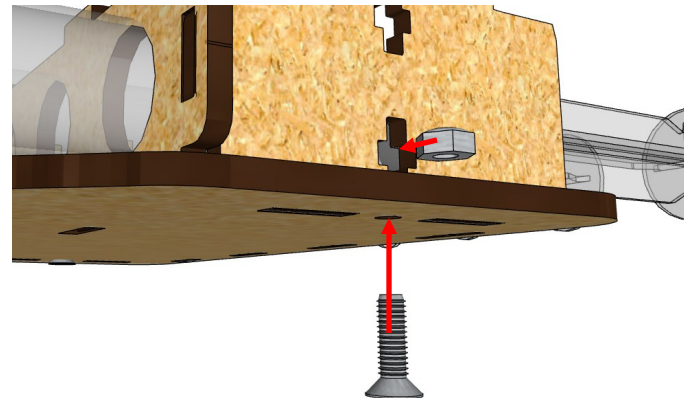


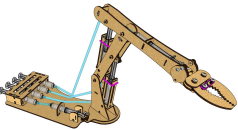
x1

M3

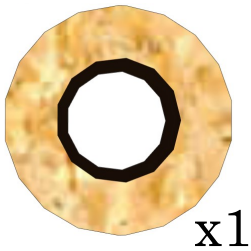


x1

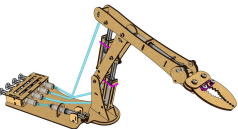
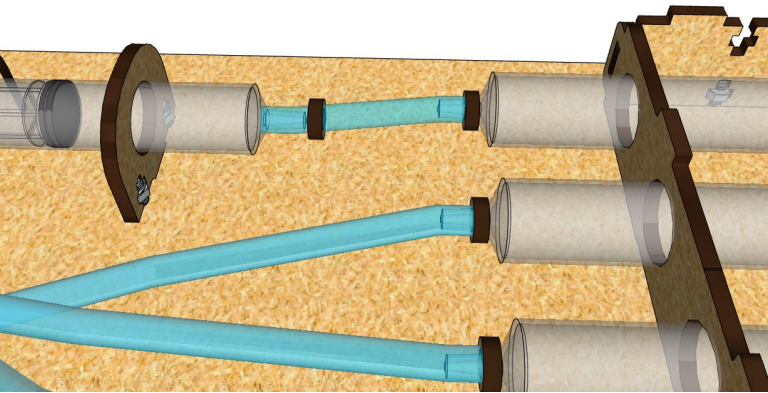
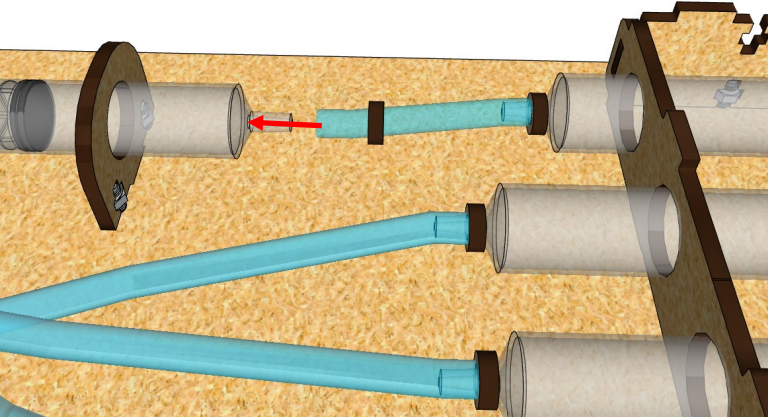
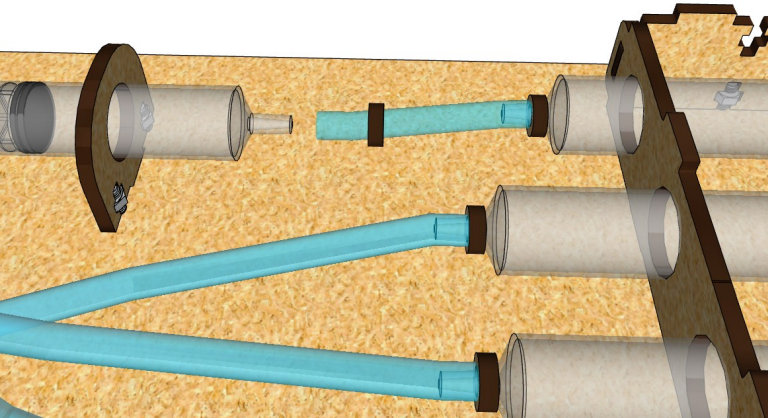
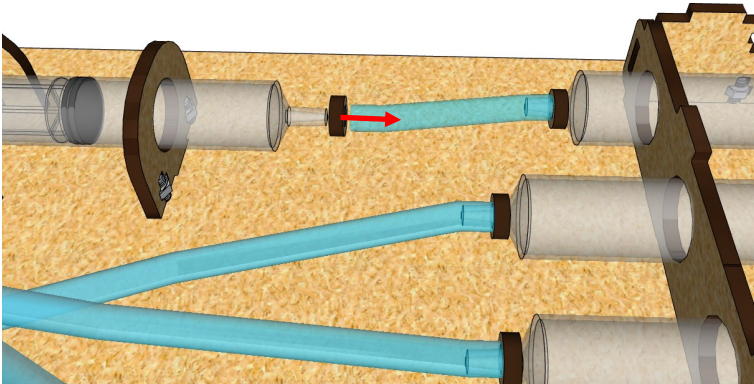




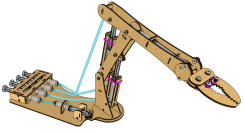
58



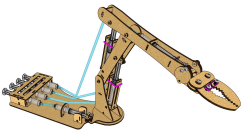
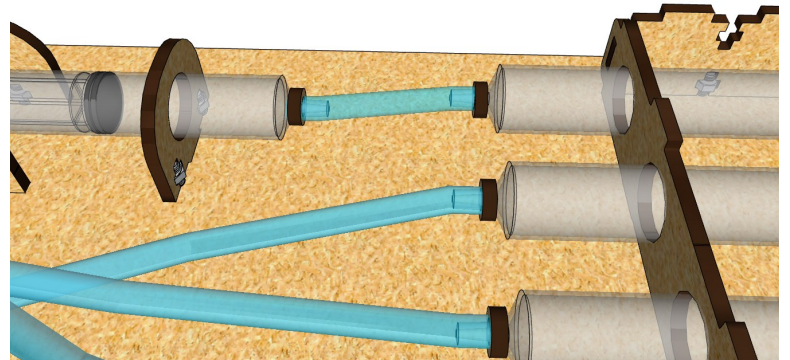
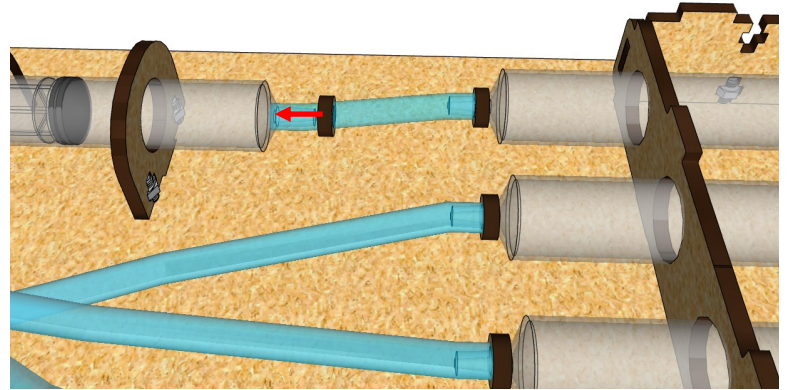
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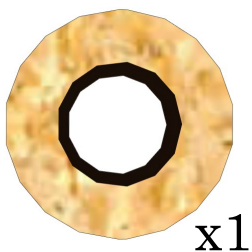
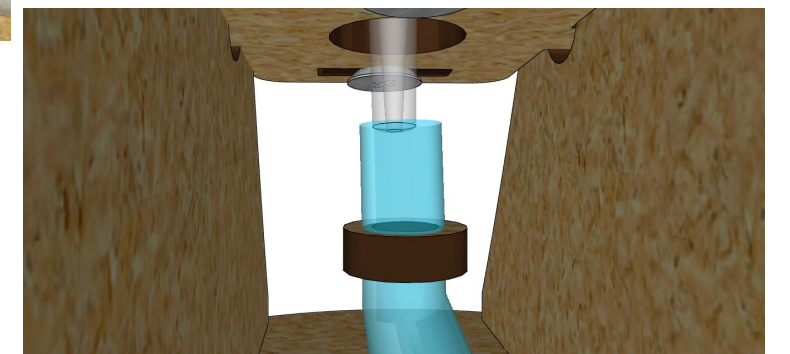
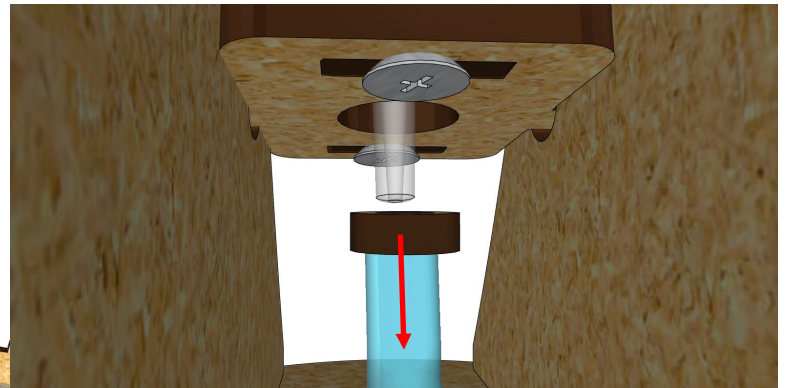
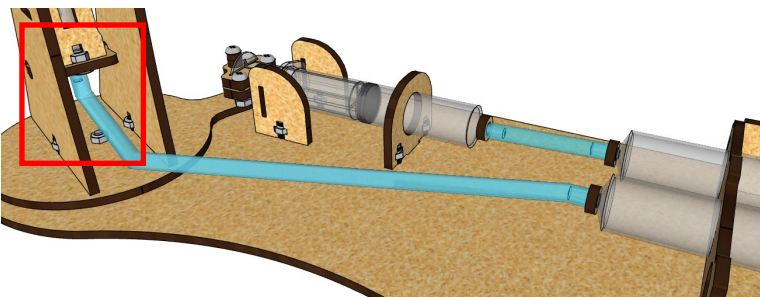
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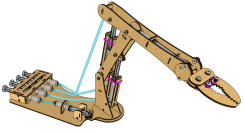


60

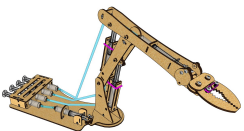
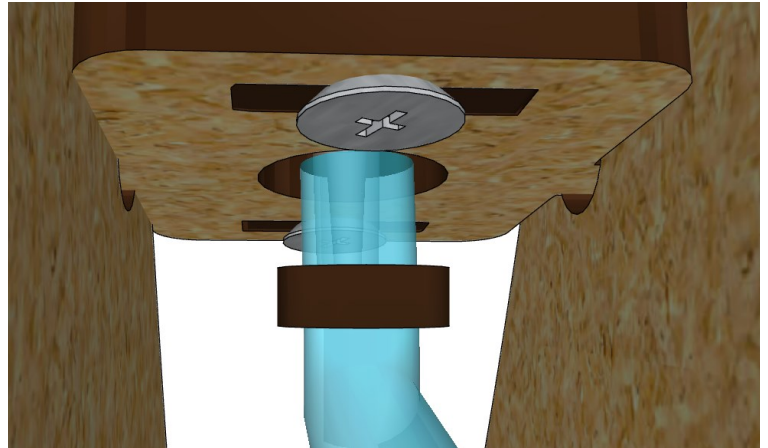
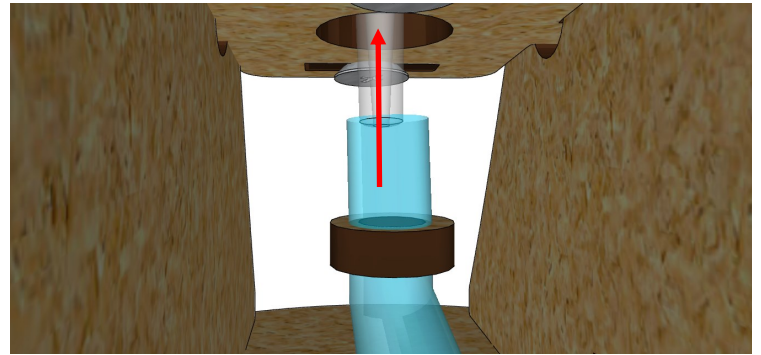


61

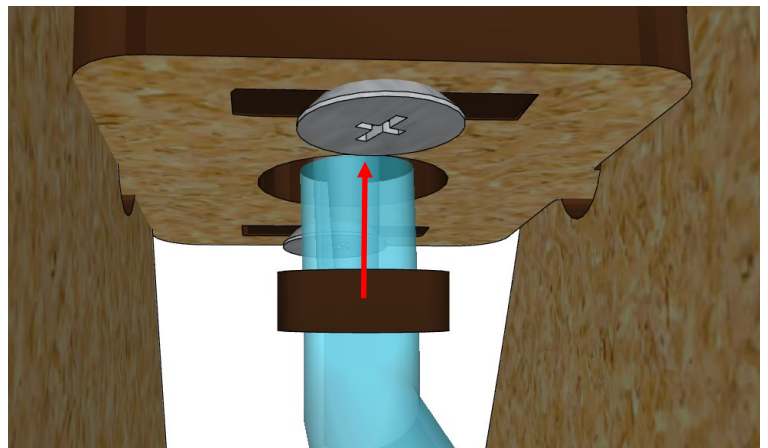


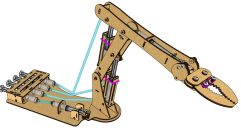


62

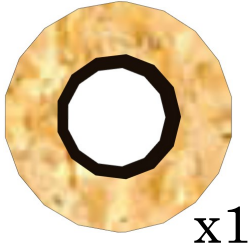
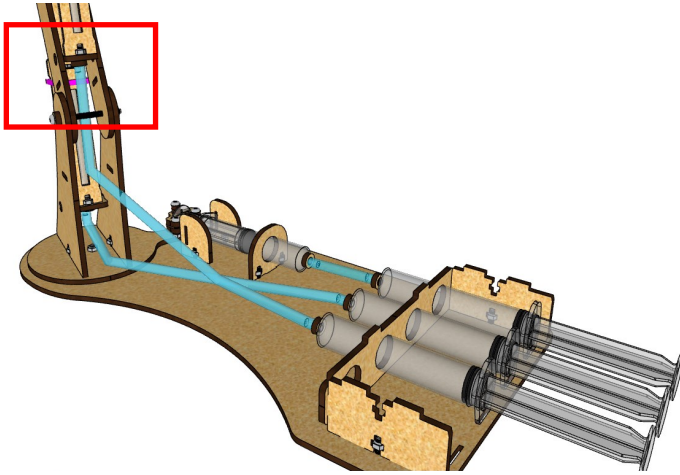


63

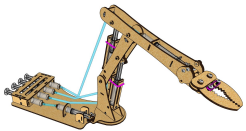




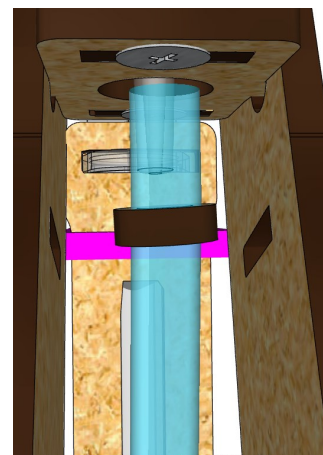
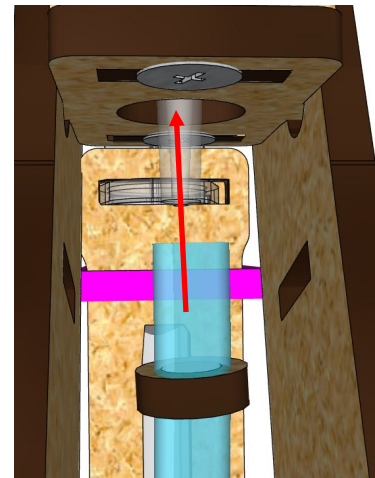
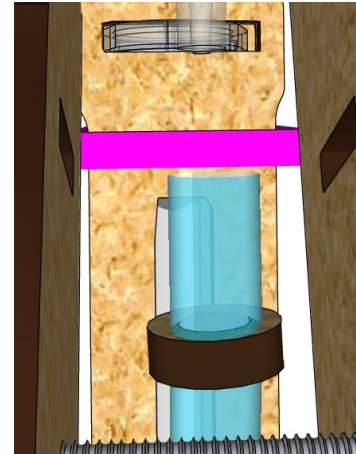
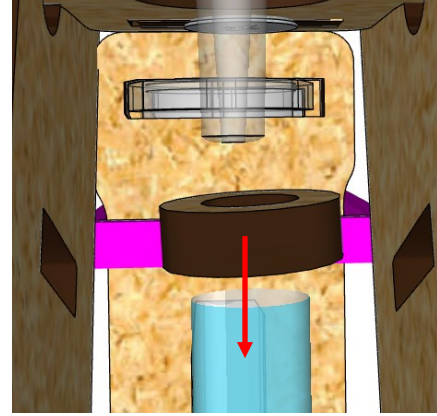
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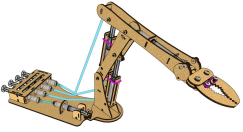


x1

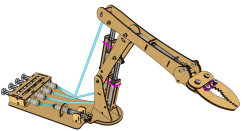
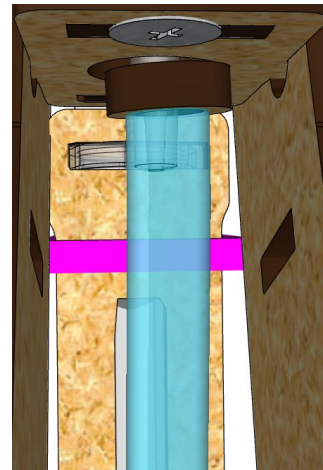
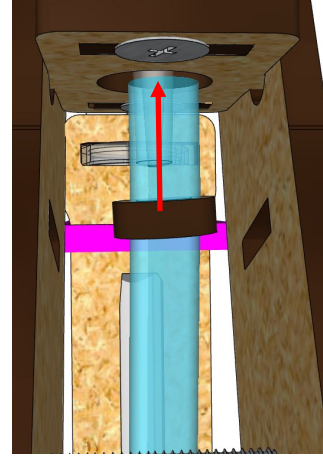


65

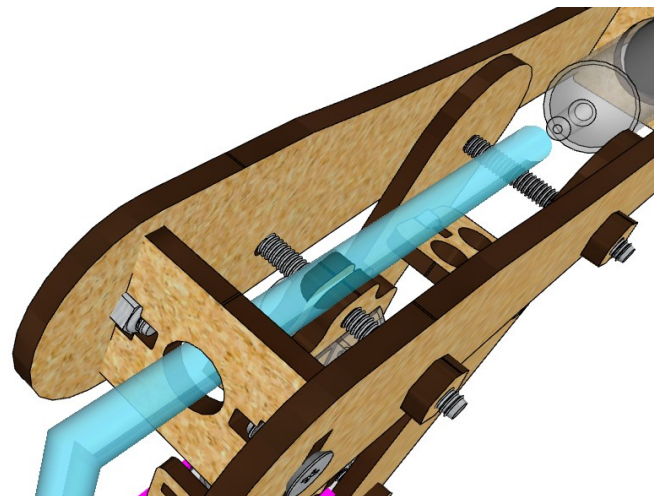
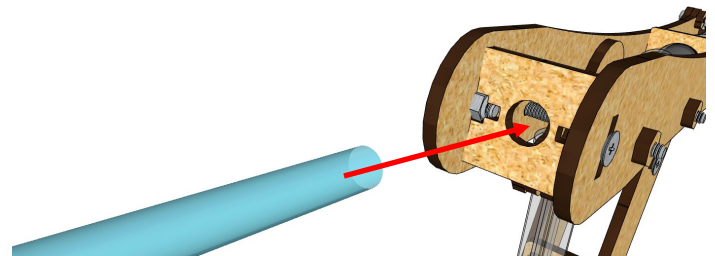
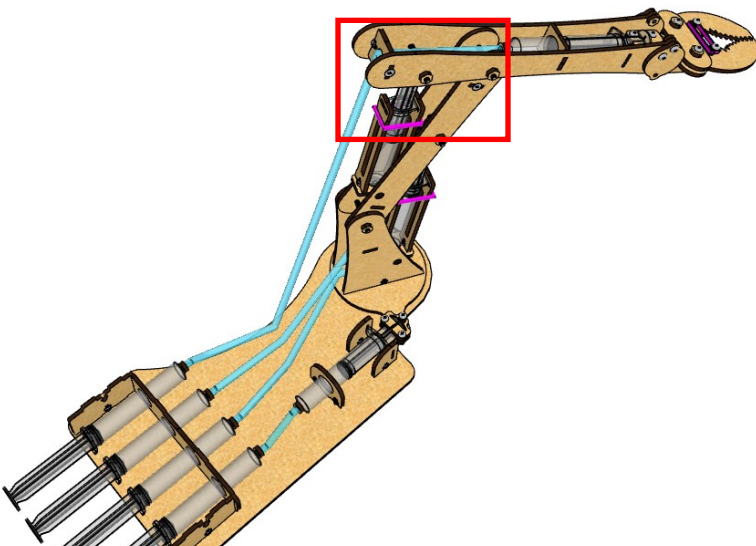


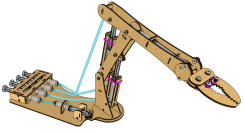


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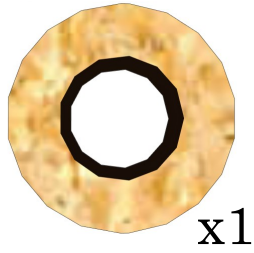


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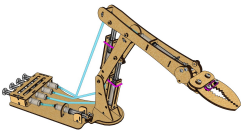
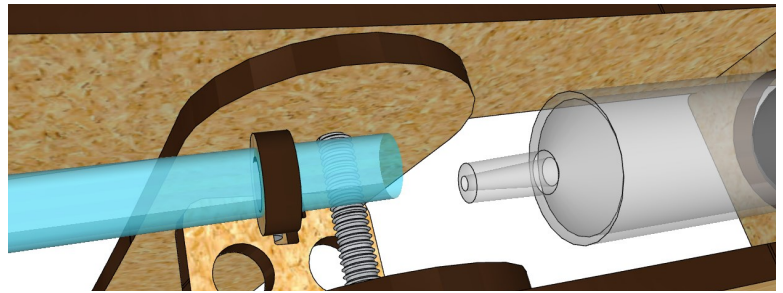
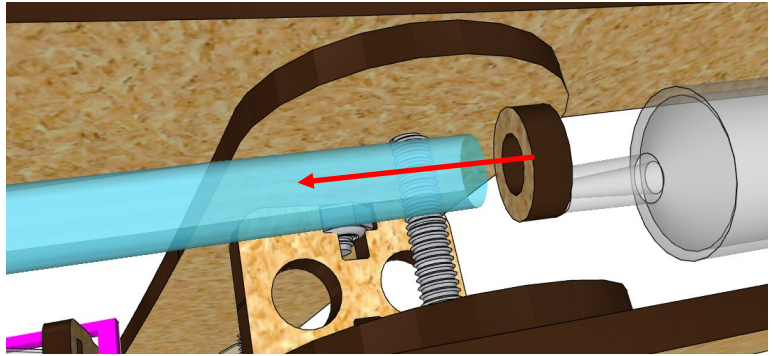




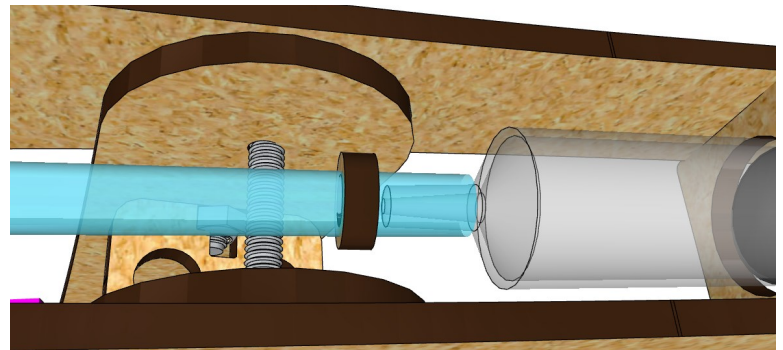
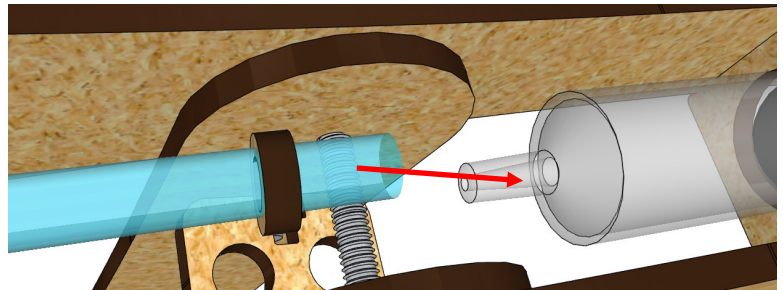
68

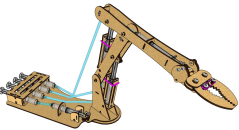


x1

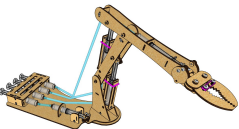
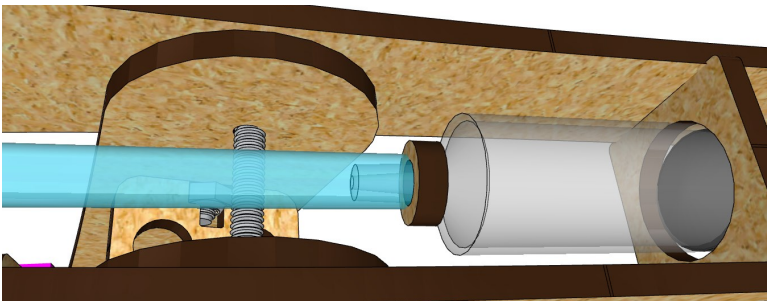
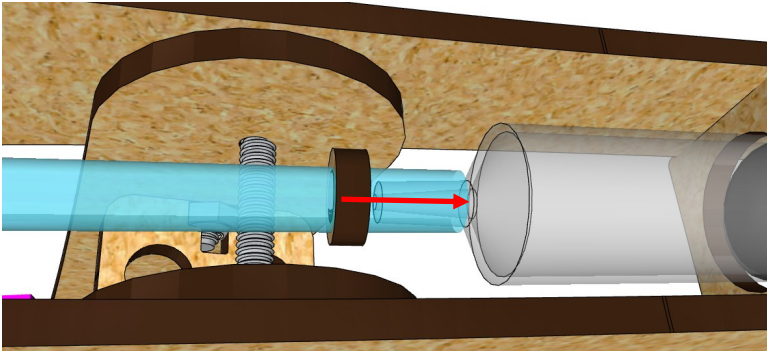


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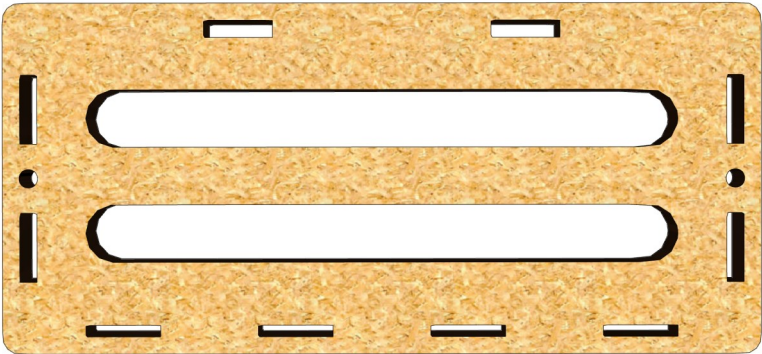




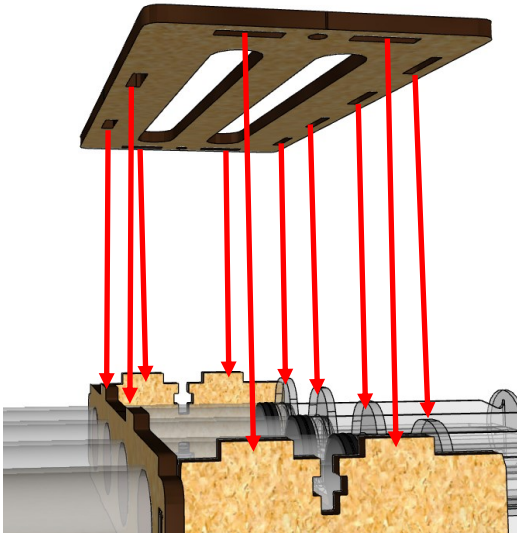
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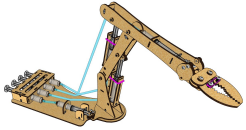


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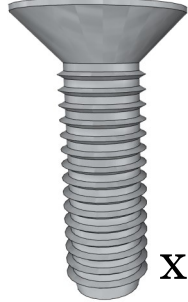
x1





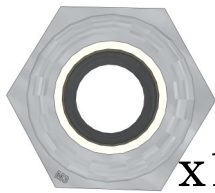
72

M3 x 12

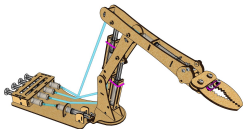
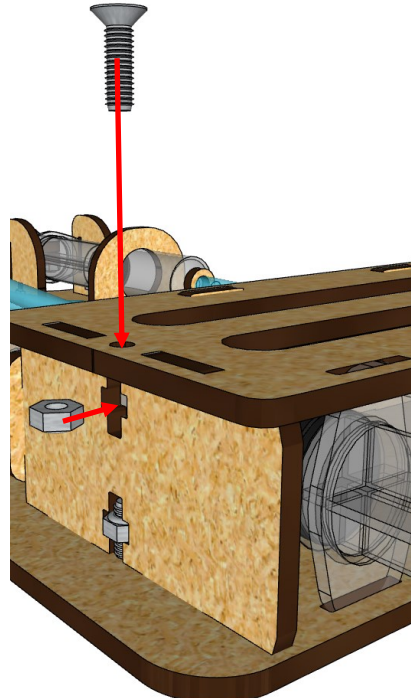


x1

M3

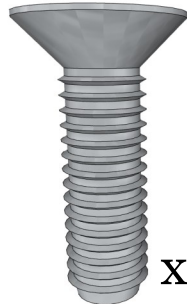


x1



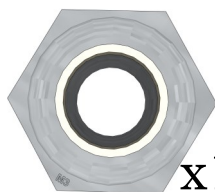
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M3 x 12

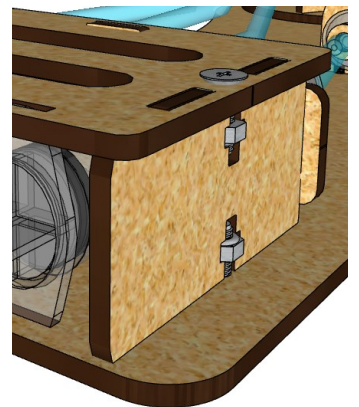
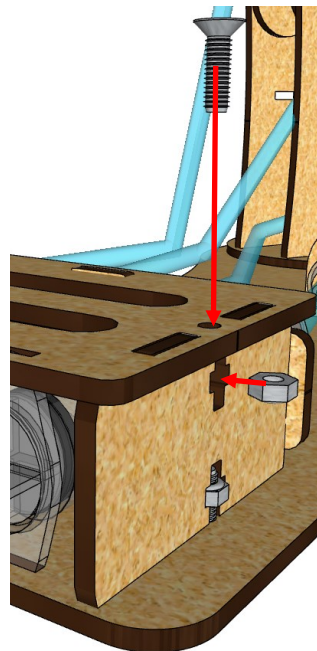


x1

M3

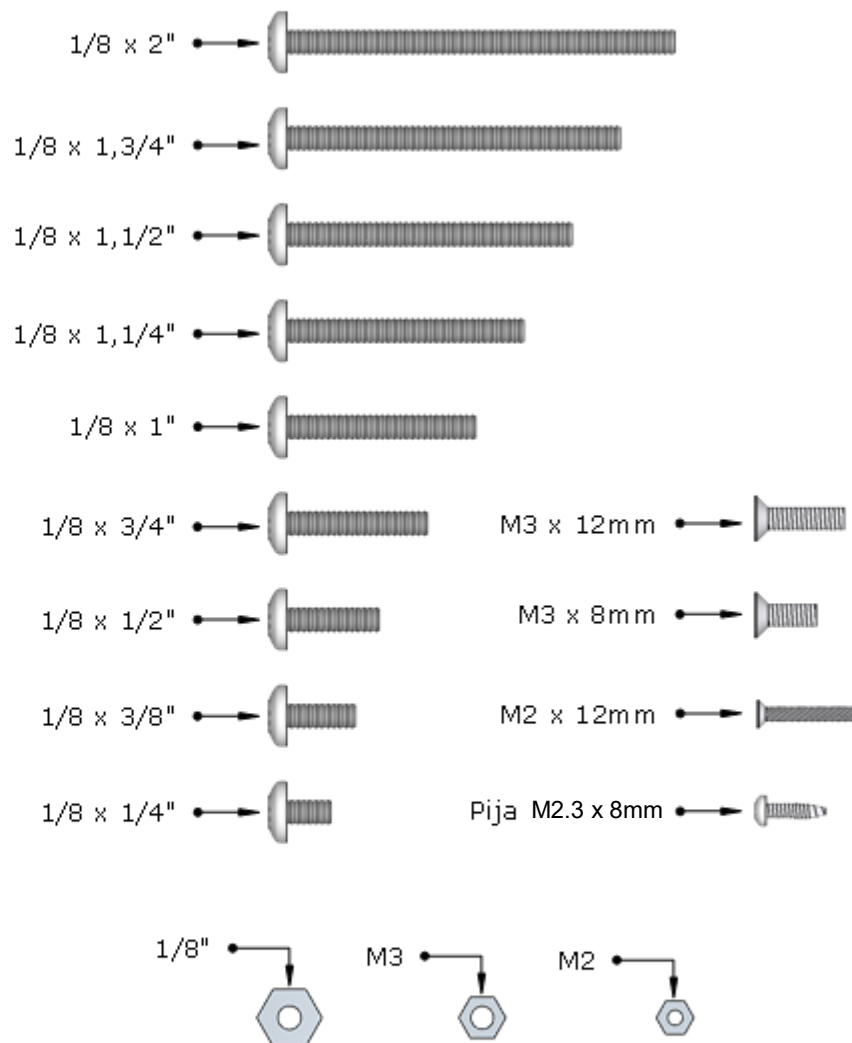


x1



Tornillería

Utiliza el siguiente esquema para comparar y conocer las medidas de los tornillos y tuercas que necesitas durante el ensamble. Solo basta con colocar encima el tornillo o tuerca hasta que coincida con alguna de las figuras. (Para corroborar correctamente las medidas de los tornillos imprime esta hoja)





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