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You can make as many toys as you like. The wood toys in this plan set are royalty free. And i can not have any responsibility for any injuries on making toy model on this plan set.

Please do not hesitate to contact me if you need any further information on the plan set.
Lloydswoodtoyplans@gmail.com

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## **3D Renders**



## **3D Renders**



## **3D Renders**



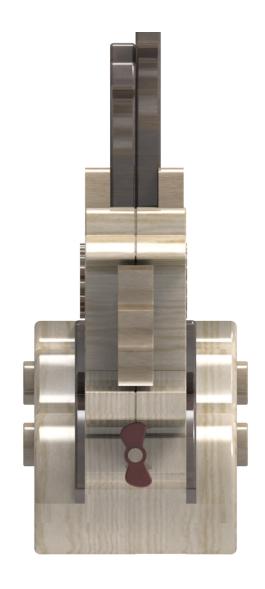


## **3D Renders**



## Orthographic view





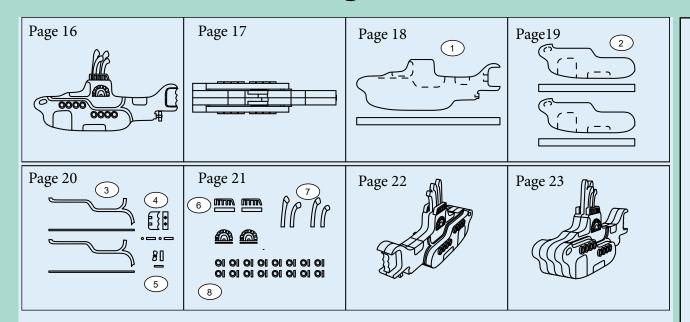
## Orthographic view



## Orthographic view



## Plan Page list view





#### **Parts List**

Note

Only the thickness is important on the plan set here is a quick conversion chart table

#### Inches to Millimeters

	1/8"	= 3 mm	Thick
	3/16'	' = 4  or  5  mm	Thick
	1/4"	= 6 mm	Thick
	3/8"	= 9 mm	Thick
	1/2"	= 12 mm	Thick
	5/8"	= 15 or 16 mm	Thick
	3/4"	= 19 or 20 mm	Thick
	7/8"	= 22 mm	Thick
	1"	= 25 mm	Thick

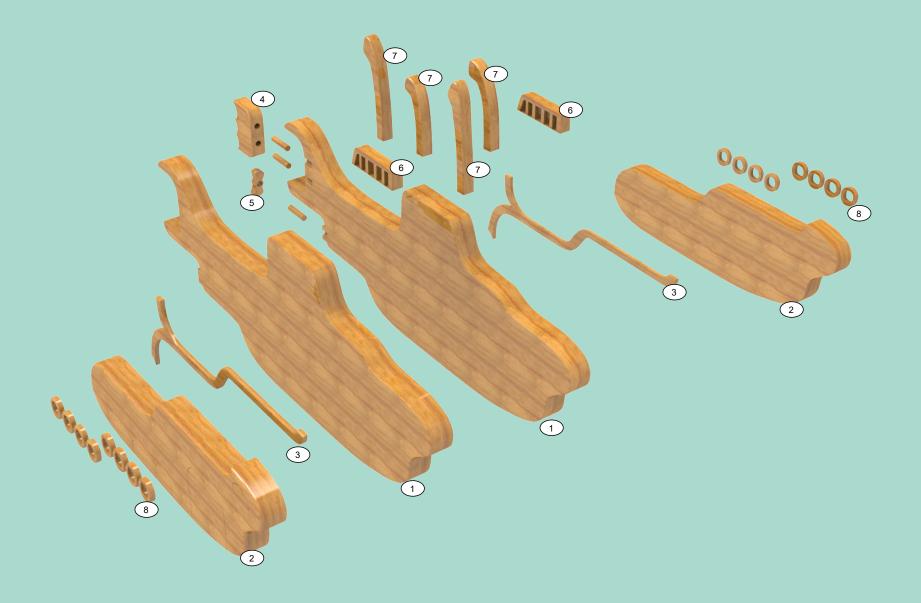
One or two mm on the thickness is not really important on the model.

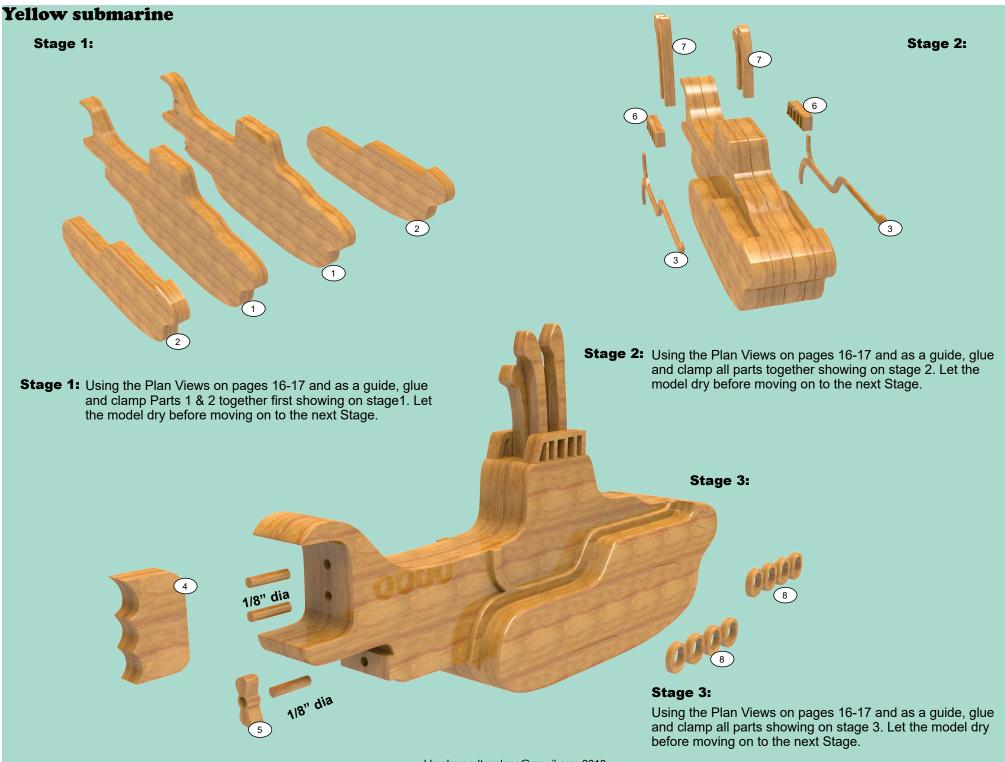
The drawing patterns are actual size

On the plan set

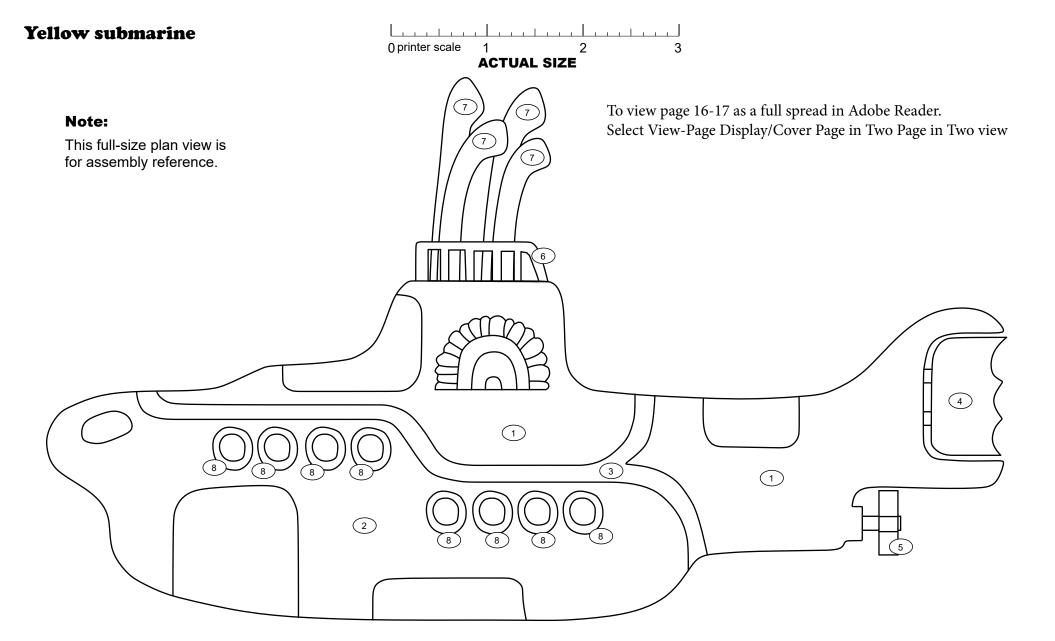
The part list is just an example of the cad block size pieces of wood. Suggest you go over size slightly with the pieces of wood when you apply the paper to the wood before you cut the pieces out.

# Exploded View







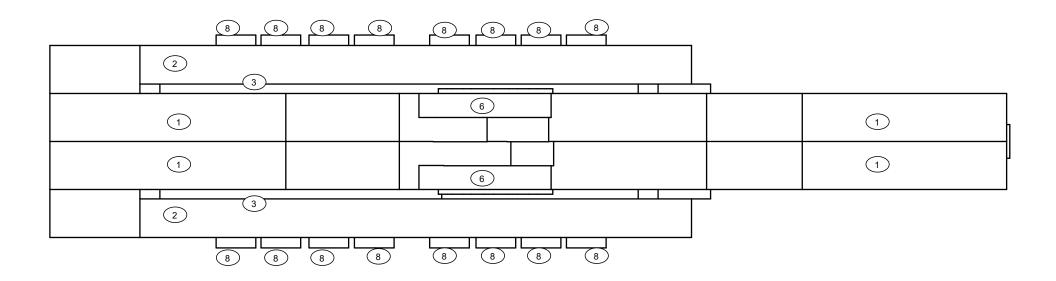




To view page 16-17 as a full spread in Adobe Reader. Select View-Page Display/Cover Page in Two Page in Two view

#### Note:

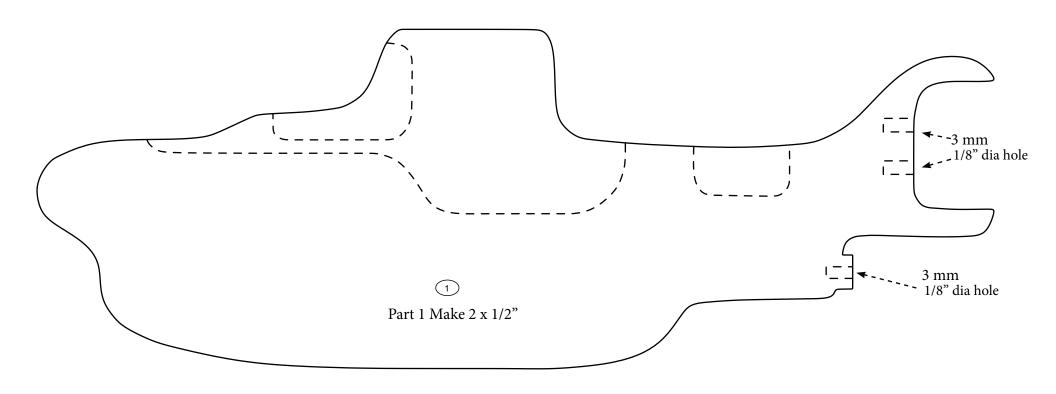
This full-size plan view is for assembly reference.





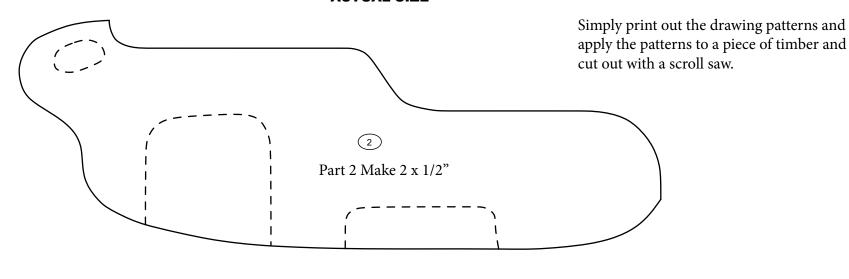
Dotted lines paint line or cut line. To use different types of wood.

Simply print out the drawing patterns and apply the patterns to a piece of timber and cut out with a scroll saw.

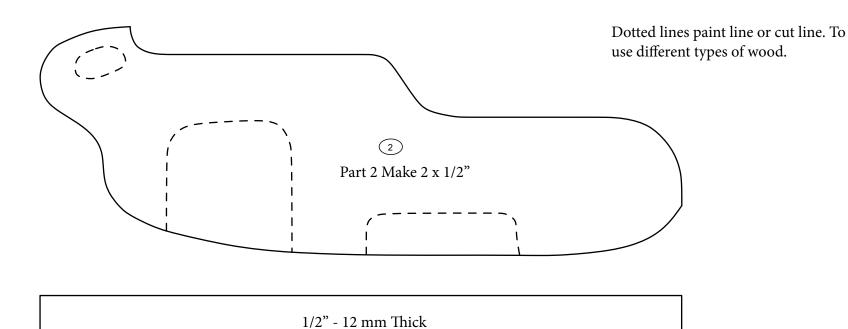


1/2" - 12 mm Thick





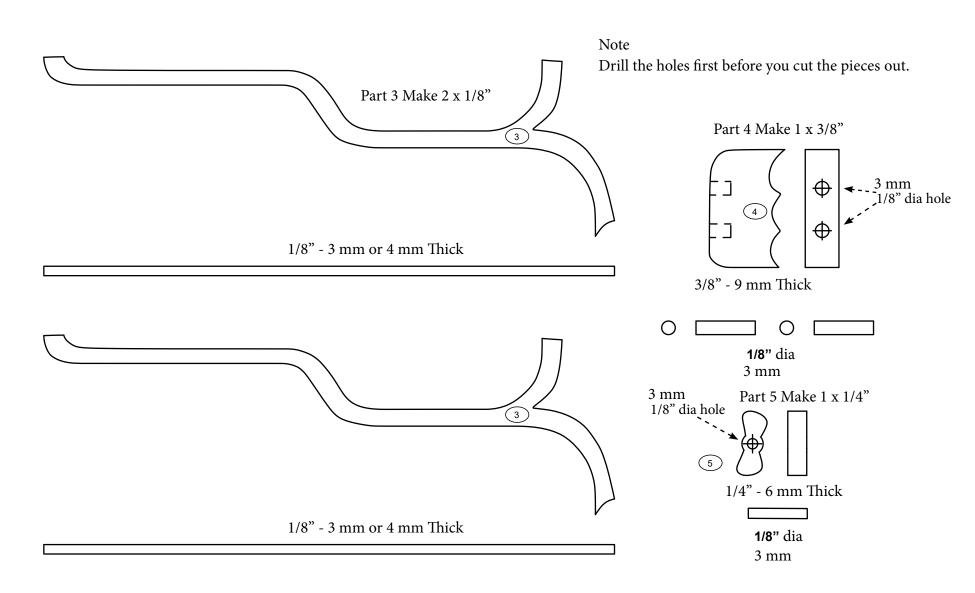
#### 1/2" - 12 mm Thick





Dotted lines paint line or cut line. To use different types of wood.

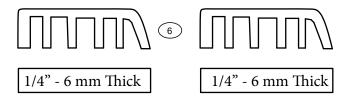
Simply print out the drawing patterns and apply the patterns to a piece of timber and cut out with a scroll saw.

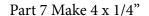


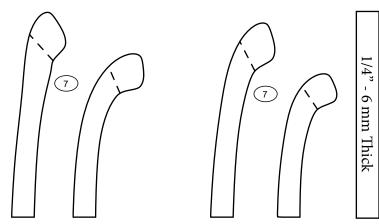
#### **ACTUAL SIZE**

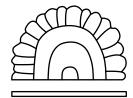
Dotted lines paint line or cut line. To use different types of wood.

Part 6 Make 2 x 1/4"





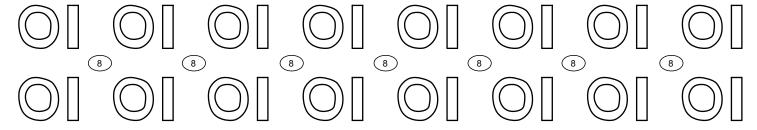


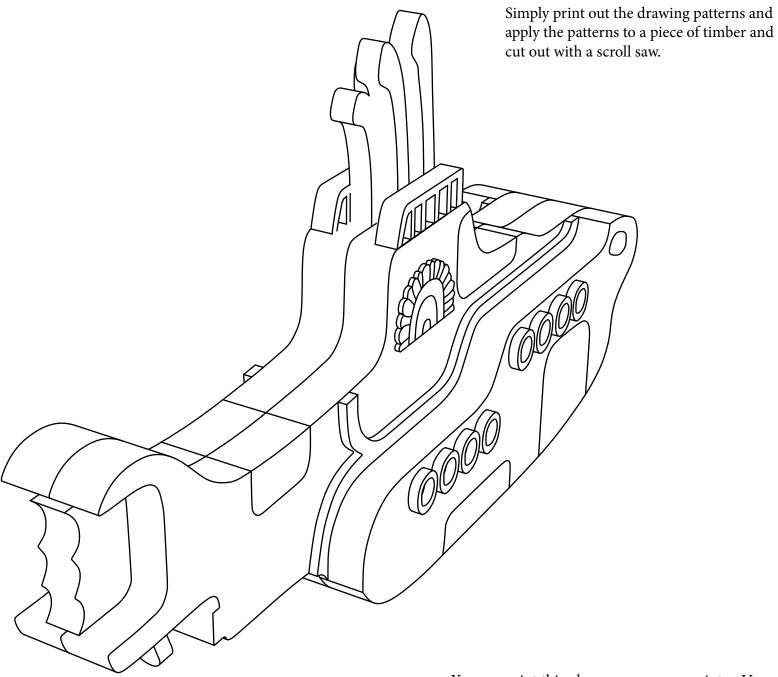




Simply print out the drawing patterns and apply the patterns to a piece of timber and cut out with a scroll saw.

4 mm or 5mm Part 8 Make 16 x 3/16" Or use the Vectors on page 24

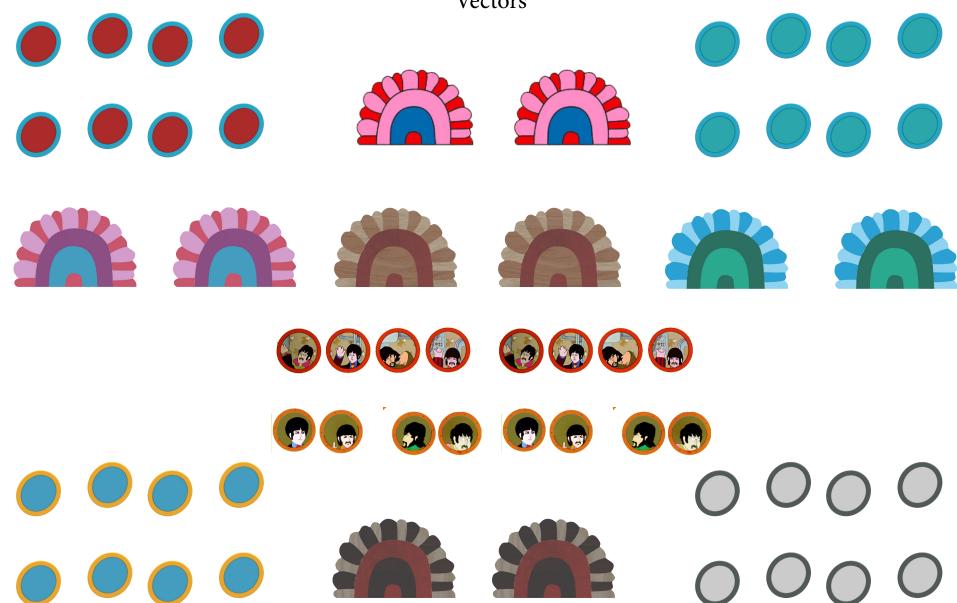




Simply print out the drawing patterns and apply the patterns to a piece of timber and cut out with a scroll saw.

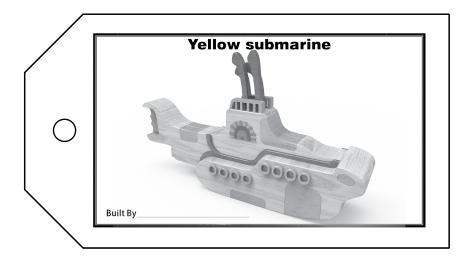
## 0 printer scale 1 2 3 ACTUAL SIZE

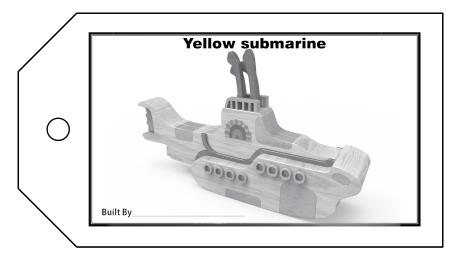
#### Vectors



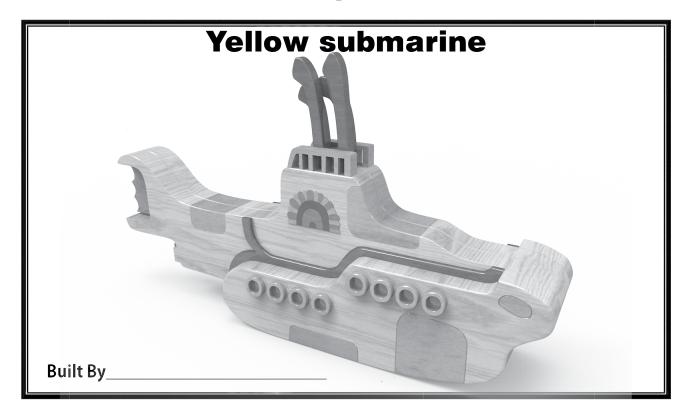








**Tags** 



### CONVERSION CHARTS 25.4 Millimeters = 1 inch; 2.54 Centimeters = 1 inch

MILLIMETERS INTO INCHES				
MM	Inches	MM	Inches	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 28 29 30 31 33 34 44 45 46 47 48 49 49 49 49 49 49 49 49 49 49 49 49 49	0.394 0.0787 .1181 .1575 .1969 .2362 .2756 .3150 .3543 .3937 .4331 .4724 .5118 .5512 .5906 .6299 .6693 .7087 .7480 .7872 .8268 .8661 .9055 .9449 .9843 .1.0236 .1.024 .1.1417 .1.1811 .1.2205 .1.2598 .1.2992 .1.3386 .1.3780 .1.4173 .1.4567 .1.4961 .1.5354 .1.5748 .1.6142 .1.6535 .1.6929 .1.7323 .1.7717 .1.8110 .1.8504 .1.8898 .1.9291 .1.8504 .1.8898 .1.9291 .1.9685	51 52 53 54 55 57 59 60 61 62 63 64 65 66 67 77 77 78 79 80 81 82 83 84 84 85 86 97 97 98 99 99 99 99 99 99 99 99 99 99 99 99	2.0079 2.0472 2.0866 2.1260 2.1654 2.2047 2.2441 2.2835 2.3622 2.4016 2.4803 2.5197 2.5591 2.5984 2.6772 2.7165 2.7559 2.7953 2.8347 2.8740 2.9134 2.9528 2.9921 3.0315 3.0709 3.1102 3.1496 3.1890 3.2284 3.2677 3.3071 3.3465 3.3858 3.4252 3.4646 3.5039 3.5433 3.85827 3.6221 3.6614 3.7008 3.7795 3.8189 3.7795 3.8189 3.7795 3.8189 3.8583 3.8976 3.8583 3.8976	

#### FRACTIONS INTO MILLIMETERS

FRACTION	S IN IO WI	LLIMETERS
Fraction	Inches	Millimeters
1/64 1/32 3/64 1/16 5/64 3/32 7/64 1/8 9/64 5/32 11/64 3/16 13/64 1/4 17/32 15/64 1/4 17/64 9/32 19/64 5/16 21/64 11/32 23/64 3/8 25/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64 13/32 27/64	.01562 .03125 .046875 .0625 .078125 .09375 .109375 .125 .171875 .1875 .203125 .21875 .234375 .25 .265625 .28125 .296875 .3125 .328125 .34375 .359375 .359375 .375 .40625 .421875 .4375 .453125 .43875 .453125	.3969 .7938 1.1906 1.5875 1.9844 2.3812 2.7781 3.175 3.5719 3.9688 4.3656 4.7625 5.1594 5.5562 5.9531 6.35 6.7469 7.1438 7.5406 7.9375 8.3344 8.7312 9.1281 9.525 9.9129 10.3188 10.7156 11.1125 11.5094 11.9062 12.3031 12.7
33/64 17/32 35/64 9/16 37/64 19/32 39/64 5/8 41/64 21/32 43/64 11/16 45/64 23/32 47/64 3/4 49/64 25/32 51/64 13/16 53/64 27/32 55/64 7/8 57/64 29/32 59/64 15/16 61/64 31/32 63/64 1	.515625 .53125 .546875 .5625 .578125 .59375 .609375 .625 .640625 .65625 .671875 .703125 .71875 .75 .765625 .78125 .796875 .8125 .828125 .84375 .859375 .875 .890625 .921875 .9375 .96875 .984375	13.0969 13.4938 13.8906 14.2875 14.6844 15.0812 15.4781 15.875 16.2719 16.6688 17.0656 17.4625 17.8594 18.2562 18.6531 19.05 19.4469 19.8438 20.2406 20.6375 21.0344 21.4312 21.8281 22.225 22.6219 23.0188 23.4156 23.8125 24.2094 24.6062 25.0031 25.40

#### Note

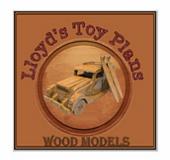
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3/4"	= 19  or  2	0 mm Thick
7/8"	= 22 mm	Thick
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Simply print out the drawing patterns and Apply the patterns to a piece of timber and cut out with a scroll saw or bandsaw.



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