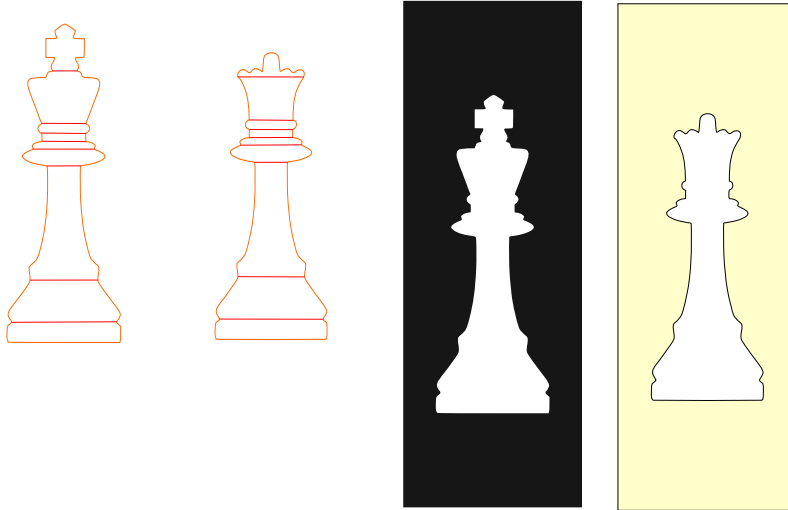


# King and Queen Chess Inlay Kit Instructions

## Kit components

- 1: One black and x natural Maple King inlay, One black and x natural Maple Queen inlay.
- 2: One black and one natural Maple half barrel with laser cutout.



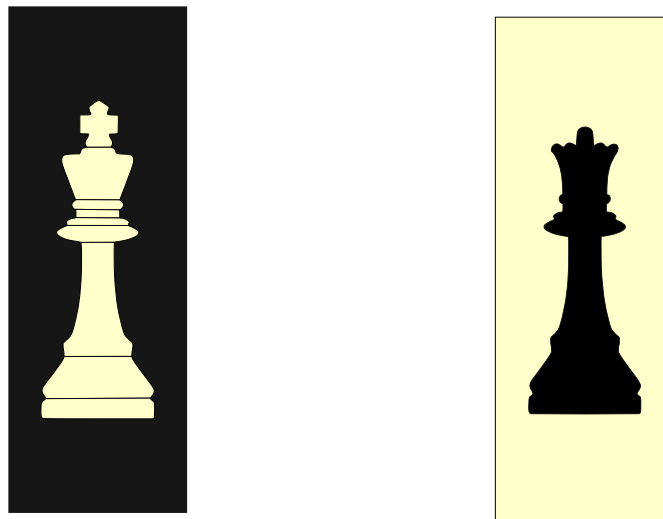
### Step 1:

Remove all components from the plastic bag and place on a clean work surface. Please note that the components are small and you can loose them quite easily. The parts are also fragile and should be handled with care. Do not through anything away until the kit is completely assembled.

### Step 2:

Slide brass tube(27/64)into maple barrel and start insert inlay parts in the correct order into it. **Please do not use any glue** at this stage, this is only to assist you with the assembly process.

### Step 3:



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Place all of the small inlay pieces into their corresponding openings. Some of these pieces are very tiny, **DO NOT RUSH and LOOSE THEM!**

*Sometime you may find it difficult to fit the pieces, if so you can dip the piece in warm water before placing it.  
Never force anything into place.*

### Assemble the pieces as follows:

Take the King inlay piece and place it into the corresponding opening. The King inlay piece should be pressed in by placing it on top of the opening and then press down on it. This process can be repeated for the Queen inlay piece also. The chess piece might break into more than one piece but that should not be an issue if you place all the pieces into the laser cutout

Once all the parts are in place you can use a small piece of wood/penblank to push it completely into position.

### Step 4:

After all the inlay pieces are in place **REMOVE THE BRASS TUBE** from the barrel and then use small amounts of thin CA glue to secure all the pieces into place. Please **do not** soak the whole inlay with thin CA, try to keep the glue to the outer edges of each inlay piece and not in the laser detail lines which will be filled with black dust while turning and finishing the pen.

### Step 5:

Cut the barrel to length but **do not use a Barrel trimmer** it will destroy/break the barrel and all your hard work. Use a disk sander or any other method that will not destroy your blank. Now you can glue the brass tube into place with a glue of your choice and let it dry completely before turning the blank.

It is important to sand the barrel smooth before you are going to use a skew or any other turning tools.

After the barrel is sanded smooth blow the sanding dust out of the laser detail lines and rub some black/dark wood dust into those detail lines. Use thin CA glue over the whole inlay to secure all pieces into place before turning the barrel to size.

While turning the barrel to size you will notice that some of the laser detail lines will need some more dust filling just repeat filling it with dust and cover with thin CA and continue turning.