Project #1

Bottom Support
Stock: 1/4", cut 2

Drill 3/8" for turntable shaft.

Side Support
Stock: 1/4", cut 2

Attach Side Support with glue and finishing nails.
Project #1

Drill 3/8" for key.

Dashed line indicates placement of Base Assembly. Attach to bottom side of Top with glue or silicone.

Small dashed lines indicate placement of Base Support.

Dashed lines indicate placement of Bottom Support Assembly. Adjust slot, if necessary, for thickness of material used.

Stock: 1/4"
**Turntable**

Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates placement of Turntable Overlay.

**Turntable Overlay**

Stock: 1/4”, Secure to the Turntable with glue or silicone.

Adjust slot if necessary for thickness of material used.

**Side**

Stock: 1/4”, cut 2
Attach to Base Support with glue and #18 x 5/8” finishing nails.

**Front & Back**
Stock: 1/4”, cut 1 each
Support
Stock: 1/4”

Overlay
Stock: 1/16” - 1/8”, cut 2
Attach to both sides of Support with glue.

Dashed line indicates Placement of Support.
Project #2

**Figure**
Stock: 1/16” - 1/8”, cut 2

**Back Crest**
Stock: 1/4”
**Foot**
Stock: 3/4”, cut 3
Top view.
Fold on dashed line
Rear view

**Turntable Overlay**
Stock: 1/4”

Small dashed line indicates position of Turntable Overlay.

**Turntable**
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Circle indicates position of key and turntable shafts.
Cut out for music box

---

Project #2
Drill 3/8” for turntable shaft in Top and for key in Bottom.

Cut slots for Back Crest in Top only. Adjust, if necessary, for thickness of material used.

Small dashed line indicates placement of Foot on Bottom.

Dashed line indicates placement of Frame on bottom of Top.

Top/Bottom
Stock: 1/4”, cut 1 each
Overlay Turntable

Stock: 1/4”. Secure to the Turntable with super glue or silicone.

Adjust slot, if necessary, for the thickness of material used.
Project #3

Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box

Figure
Stock: 1/4"
Project #3

**Top / Bottom**

Stock: 1/4”, cut 1 each

---

**Apron**

Inside small dashed line indicates placement of Apron Support on bottomside of Bottom.

Drill 3/8” in Top for turntable shaft and in Bottom for key.

---

**Apron**

Stock: 1/4”, cut 4

Dashed line indicates placement of Apron. Attach Apron to Apron Support with glue. Note: bevel cut sides at 45° before cutting pattern.
Project #3

Leg
Stock: 3/8”, cut 4

Apron Support
Stock: 1/4”
Attach to the bottomside of the Bottom with glue and finishing nails.

Turntable
Stock: 1/4”. Countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside.

Small dashed line indicates position of Overlay Turntable.
Project #4

Angel
Stock: 1/4”

Frame
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
Project #4

Turntable
Stock: 3/8", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone. Note: countersink bottomside before cutting slot.

Foot
Stock: 3/4", cut 2

Top/Bottom
Stock: 1/4", cut 1 each

Drill 3/8" in Top for turntable shaft and in Bottom for key.

CounterSink bottoms ide of Bottom and attach to Frame with #6 x 3/4" screws.

Dashed line indicates position of metal turntable on bottomside.
**Turntable**
Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

Adjust slots, if necessary, for thickness of material used.

Dashed line indicates position of metal turntable on bottomside.

**Figure**
Stock: 1/4"

**Foot**
Stock: 3/4", cut 2
Top view.

Fold on dashed line Rear view

**Text Overlay**
Stock: 1/16' - 1/8"
Project #5

Fence
Stock: 1/4", cut 2

Arch
Stock: 1/4"

Number Overlays
Stock: 1/16" - 1/8"

01
23
456789
Arch Support
Stock: 1/4", cut 2
Drill 3/8” in Top for turntable shaft and in Bottom for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.

Top & Bottom
Stock: 1/4”, cut 1 each.

Cut slots for Fence in Top only. Adjust slot, if necessary, for thickness of material used.

Small dashed line indicates placement of Foot on Bottom.

Cut slots for Arch Support in Top only. Adjust slot, if necessary, for thickness of material used.

Dashed line indicates placement of Frame.

Roundover top edge by sanding.
Frame
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
Project #6

Foot
Top view
Stock: 3/4", cut 2
Fold on dashed line
Rear view

Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.
Cut out for music box
Man
Stock: 1/4”

**Turntable**
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Adjust slots, if necessary, for the thickness of material used.

Dashed line indicates position of metal turntable on bottomside.
Arch Support
Stock: 1/4”, cut 2

Attach to Top with glue and finishing nails.
**Bottom**  
Stock: 1/4”

- Drill 3/8” for key.
- Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.

Adjust slots, if necessary, for thickness of material used.

Small dashed line indicates placement of Foot.

Dashed line indicates placement of Frame.

Small dashed line indicates position of Top.
Top
Stock: 1/4"

Drill 3/8" for turntable shaft.

Dashed line indicates placement of turntable.
**Ceiling**

Stock: 1/4”. Secure on bottomside of Roof with super glue or silicone.

Adjust slots, if necessary, for the thickness of material used. Attach Angel with super glue or silicone.

**Turntable**

Stock: 1/4”. Countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside.

Small dashed line indicates position of Turntable Overlay.

Drill for 1/2”D x 5 1/4”L dowel in Ceiling and Turntable.

**Angel**

Stock: 1/8”, cut 3
Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box
Turntable Overlay
Stock: 1/4”. Secure the Turntable Overlay with super glue or silicone.

Drill for a 1/2”D x 5 1/4”L dowel in Roof and Turntable Overlay.

Foot
Stock: 3/4”, cut 2
Top view.
Fold on dashed line
Rear view

Roof
Stock: 1/4”

Drill for a 1/2”D x 5 1/4”L dowel in Roof and Turntable Overlay.
Project #7

**Bracket**
Stock: 1/8", cut 8

**Ornament**
Stock: 1/8", cut 8

**Top & Bottom**
Stock: 1/4", cut 1 each. Adjust slots, if necessary, for thickness of material used.

Countersink bottoms side of Bottom and attach to Frame with #6 x 3/4" screws.

Drill 3/8" in Top for turntable shaft and in Bottom for key.

Small dashed line indicates placement of Foot

Dashed line indicates placement of Frame

**Ornament Overlay**
Stock: 1/8", cut 8
**Assembly Instructions**

Assemble by first attaching the Feet to the Bottom with glue or silicone. Next attach the Frame, making sure the music box movement is secure in place. Place the Top into position on the Frame, being sure all the slots for the Brackets line up before securing it in place. Then secure the Brackets in place. Now attach the Turntable Overlay to the Turntable, and then secure the metal turntable to the bottom of the Turntable. Next, secure the Ceiling to the bottom of the Roof. Then insert the dowel until it is flush with the top of the Roof and glue in place. Now secure both Crest (B) and (A) into place on the Roof, and then add the Crest Dividers. Secure the Angels into place in the Ceiling, and the Ornament Overlays and Ornaments on the tabs of the Crest and Crest Dividers. Now, secure the dowel into the Turntable assembly, and attach the metal turntable to the movement.
Figures
Stock: 1/4"
Project #8

Turntable
Stock: 1/4”, countersink the bottoms with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone. Dashed line indicates position of metal turntable on bottom side.

Arch Support
Stock: 1/4”, cut 2

Attach to Top with #6 x 5/8” nails and glue.
Project #8

Foot
Stock: 3/4", cut 2
Top view.
Fold on dashed line
Rear view

Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box
Project #8

Arch
Stock: 1/4"
Drill 3/8" in Top for turntable shaft
Drill 3/8" in Bottom for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.

Cut slots for Arch Support. Adjust slot, if necessary, for thickness of material used.

Bottom
Stock: 1/4"
### Assembly Instructions

Assemble by first attaching one Side Support and one Side to the Bottom. Continue in a clockwise direction with the remaining Side Supports and Sides. Next, secure the Top into position. Now attach the Lid Underlay to the bottom of the Lid. Then secure the Handles, Handle Support, Overlay, and Top Overlay into position.

---

**Side Support**

Stock: 1/4”, cut 6

---

**Side**

Stock: 1/4”, cut 6

---

Note: Because copy machines are not 100% accurate, you may need to adjust the width.
Project #9

Note: Most copy machines are not 100% accurate, which can result in distortion of your pattern pieces. Since this project has several slots and tab connections, it may be necessary to adjust them for an accurate fit.

Top
Stock: 1/4”

Lid Underlay
Stock: 1/4”
Note: after cutting the interior section, use it as the Lid Underlay. Cut or sand slightly smaller before securing to the bottom of the Lid. This will help the Lid fit easier into position.

Use #60 drill bit to start cut for Lid Underlay.
**Top Overlay**
Stock: 1/8”. Attach to Overlay with glue.

Drill for finial or brass knob of your choice.

**Bottom**
Stock: 1/4”

Dashed line indicates position of music movement.

Drill 3/8” for key

Adjust slots, if necessary, for the thickness of material used.
Top Handle
Stock: 1/4"

Bottom Handle
Stock: 1/4"

Side
Stock: 1/4”, cut 2

Attach to End with glue and finishing nails.

End
Stock: 1/4”, cut 2
**Lid Support**
Stock: 1/8"
Attach to bottomside of Lid with glue or silicone.

**Foot**
Stock: 3/4”, cut 4
Top view.
Fold on dashed line
Rear view

**Handle Support**
Stock: 1/4”. Attach to Lid with glue or silicone.
Roundover top edges by sanding.
Assembly Instructions
Assemble by first attaching the Sides to the Ends. Then secure this assembly to the Bottom. Attach the Lid support to the underside of the Lid, and then attach the Handle Support and Handle. Now attach the Feet with glue and finishing nails, or silicone. And finally, secure the music movement in place.

Drill 3/8" hole for key.

Small dashed line indicates position of music movement.
Small dashed line indicates placement of Handle Support
Use hinges of your choice to attach the lid to the back side.

Attach ends with glue and finishing nails.

Foot
Stock: 3/4”, cut 4
Top view.
Fold on dashed line
Rear view

Front

End Stock: 1/4”, cut 2

Side Stock: 1/4”, cut 2

Foot Stock: 3/4”, cut 4
Top view.
Fold on dashed line
Rear view
Use hinges of your choice to attach the Lid to the back side.
Assembly Instructions
Assemble by first attaching the Sides to the Ends. Next, attach this assembly to the Bottom. Now attach the hinges of your choice to the back Side and Lid, being careful not to allow screws to protrude through the Side or Lid. It may be necessary to sand or file screws before attaching hinges. Secure the Feet in position, and finally secure the music box movement into place.

Drill 3/8" hole for key.

Small dashed line indicates position of music movement

Adjust slots, if necessary, for thickness of material used.
Use hinges of your choice to attach the Lid to the back Side.
Attach Ends with glue and finishing nails.

Side
Stock: 1/4”, cut 2
Use hinges of your choice to attach the Lid to the back Side.

End
Stock: 1/4”, cut 2

Foot
Fold on dashed line

Use hinges of your choice to attach the Lid to the back Side.
Assembly Instructions
Assemble by first attaching the Sides to the Ends. Next, attach this assembly to the Bottom. Now attach the hinges of your choice to the back Side and Lid, being careful not to allow screws to protrude through the Side or Lid. It may be necessary to sand or file screws before attaching hinges. Secure the Feet in position, and finally secure the music box movement into place.

Drill 3/8” hole for key.

Small dashed line indicates position of music movement

Dashed line indicates placement of Foot.
Attach Ends with glue and finishing nails.

Use hinges of your choice to attach the Lid to the back Side.

Attach Ends with glue and finishing nails.

End
Stock: 1/4”, cut 2

Use hinges of your choice to attach the Lid to the back Side.

Foot
Stock: 3/4”, cut 4

Fold on dashed line

Top view.

Rear view.

Front
Lid
Stock: 1/4"

Use hinges of your choice to attach the Lid to the back Side.
**Bottom**

Stock: 1/4”

---

**Assembly Instructions**

Assemble by first attaching the Sides to the Ends. Next, attach this assembly to the Bottom. Now attach the hinges of your choice to the back Side and Lid, being careful not to allow screws to protrude through the Side or Lid. It may be necessary to sand or file screws before attaching hinges. Secure the Feet in position, and finally secure the music box movement into place.

Drill 3/8” hole for key.

Small dashed line indicates position of music movement.

Adjust slots, if necessary, for thickness of material used.

Dashed line indicates placement of Foot.
Project #14

Arch Support
Stock: 1/4”, cut 2

Attach Arch Support to Top with glue and finishing nails.

Pattern overlap line.
**Turntable**

Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

---

**Figure**

Stock: 1/4”
Project #14

**Foot**
Stock: 3/4", cut 2
Top view.

Fold on dashed line
Rear view

**Top**
Stock: 1/4"

Dashed line indicates position of Frame

Drill 3/8" in Top for turntable shaft.
**Turntable Overlay**
Stock: 1/4”

- Adjust slot, if necessary, for thickness of material used.

**Bottom**
Stock: 1/4”

- Drill 3/8” in Bottom for key.
- Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.
- Dashed line indicates position of Frame
- Small dashed line indicates placement of Foot on Bottom.
Project #14

**Arch**
Stock: 1/4”

Circle indicates position of key and turntable shafts.

**Frame**
Stock: 1 1/2”

Cut out for music box
Assembly Instructions
To Assemble, attach Legs to Apron Support with glue. Next, attach the Aprons. Then clamp this assembly to the underside of the Bottom and countersink to attach the assembly to the Frame with #6 x 1” F.H. screws.

Circle indicates position of key and turntable shafts.

Frame
Stock: 1 1/2"
Turntable
Stock: 1/4". Countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

Roundover top edge by sanding.

Side Apron
Stock: 3/8", cut 2

Dashed line indicates placement of Apron. Attach Apron to Apron Support with glue.
Cut slots to attach to Arches. Adjust slots, if necessary, for thickness of material used.

Roof
Stock: 1/4", cut 2

Front/Back Apron
Stock: 3/8", cut 1 each.
Dashed line indicates placement of Apron to Apron Support with glue.
Project #15

Drill 3/8" for turntable shaft.

Cut slots for Arch Supports. Adjust, if necessary, for thickness of material used.

Top
Stock: 1/4"

Dashed line indicates placement of Frame on bottom of Top.
Bottom
Stock: 1/4"

Inside small dashed line indicates placement of Apron Support

Drill 3/8" for key

Dashed line indicates placement of Frame on top of Bottom.

Leg
Side Apron

Front/Back Apron
Fill gap with 3/8" dowel.

Arch
Stock: 1/4", cut 2

Leg
Stock: 3/8"*, cut 4

Stock: 3/8"

Stock: 3/8"
Figure
Stock: 3/8"

Turntable
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside.
Top / Bottom
Stock: 1/4", cut 1 each.

Cut slots in Top only. Adjust slot, if necessary, for thickness of material used.

Arch Support
Stock: 1/4", cut 2

Dashed line indicates position of Frame.

Small dashed line indicates position of Foot on Bottom.

Drill 3/8" in Top for turntable shaft and in Bottom for key.

Countersink bottomsde of Bottom and attach to Frame with #6 x 3/4" screws.
Figure
Stock: 3/8"

Foot
Stock: 3/4”, cut 2
Top view.
Fold on dashed line
Rear view

Frame
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box.
Project #16 - #18

Arch
Stock: 1/4”

Figure
Stock: 3/8”
### Cathedral Music Box

<table>
<thead>
<tr>
<th>Description</th>
<th>item</th>
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<tr>
<td>Back Wall B</td>
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<tr>
<td>Wall Anchor C</td>
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</tr>
<tr>
<td>Side Wall D</td>
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<td>Front &amp; Back Base E</td>
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<td>Base Side F</td>
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<tr>
<td>Front &amp; Back Spire G</td>
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<td>Bottom Support J</td>
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<tr>
<td>Side Support K</td>
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<td>Turntable Overlay N</td>
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<tr>
<td>Figure O</td>
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</tr>
</tbody>
</table>

**Ceiling (L)**

Stock: 1/8”

**Side Support (K)**

Stock: 1/4”, cut 2

**Bottom Support**

**Turntable Overlay (N)**

Stock: 1/4”

Attach to Turntable with glue.
Assembly instructions
Assemble by first inserting the Base Side tabs into the Front and Back Base and secure with glue. Next, attach the Side Supports to the Bottom Supports to hold the music box movement. Attach this assembly to the bottom of the Floor with glue or silicone. Now attach the Base assembly to the Floor. Then attach the Figure to the Turntable Assembly and then secure to the metal turntable in the music box movement. Next attach the Side Walls to the Front and Back Walls, and secure this assembly to the Floor. Now secure the Wall Anchors and Ceiling into place. Then attach the Spire Sides to the front and Back Spires, and secure this assembly into place on the Ceiling.
Project #19

Back Wall (B)
Stock: 1/8"
Project #19

Ceiling tab fits here

Side Wall (D)
Stock: 1/8”, cut 2

Base Side (F)
Stock: 1/8”, cut 2

Figure (O)
Stock: 1/4”
Front & Back Base (E)
Stock: 1/8”, cut 1 each

Front & Back Spire (G)
Stock: 1/8”, cut 1 each

Spire Side (H)
Stock: 1/8”, cut 2
Project #19

**Turntable**
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

**Bottom Support (J)**
Stock: 1/4”, cut 2

Drill 3/8” for key.

Attach Side Supports with glue and finishing nails.

**Floor (I)**
Stock: 1/4”

Dashed lines indicate position of metal turntable on bottomside.

Small dashed line indicates position of Turntable Overlay.

Dashed line indicates placement of Bottom Support assembly. Attach to bottomside of Floor with glue or silicone.

Insert Back Wall tab here.

Insert Base Side tabs here.

Insert Front Wall tab here.

Front
**Frame**

Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box

**Bottom**

Stock: 1/4"

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8" for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.
### Top Rim

Stock: 1/8” - 1/4”
Attach to Top with glue or silicone.

---

### Top

Stock: 1/8” - 1/4”
Attach to Frame with glue and finishing nails or silicone.

---

### Foot

Stock: 3/4”, cut 2
Top view.

Front

Fold on dashed line

Rear view

---

Dashed line indicates placement of Frame
**Frame**
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box

---

**Bottom**
Stock: 1/4"

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8" for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.
Project #21

**Top Rim**
Stock: 1/8" - 1/4"
Attach to Top with glue or silicone.

**Top**
Stock: 1/8" - 1/4"
Attach to Frame with glue and finishing nails or silicone.

**Foot**
Stock: 3/4", cut 2
Fold on dashed line.

Small dashed line indicates placement of Top

Dashed line indicates placement of Frame
Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Cut out for music box

Bottom
Stock: 1/4"

Dashed line indicates position of Frame

Drill 3/8" for key.

Small dashed line indicates placement of Foot on Bottom.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.
Top Rim
Stock: 1/8" - 1/4"
Attach to Top with glue or silicone.

Project #22
Small dashed line indicates placement of Top
**Top**

Stock: 1/8” - 1/4”

Attach to Frame with glue and finishing nails or silicone.

**Foot**

Stock: 3/4”, cut 2

Fold on dashed line

Front

Rear view

Dashed line indicates placement of Frame
Frame
Stock: 1 1/2"

Cut out for music box

Circle indicates position of key and turntable shafts.

Bottom
Stock: 1/4"

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8" for key.

Countersink bottoms of Bottom and attach to Frame with #6 x 3/4" screws.
**Top Rim**
Stock: 1/8” - 1/4”
Attach to Top with glue or silicone.

**Top**
Stock: 1/8” - 1/4”
Attach to Frame with glue and finishing nails or silicone.

**Foot**
Stock: 3/4” - cut 2
Fold on dashed line

Small dashed line indicates placement of Top

Dashed line indicates placement of Frame
**Project #24**

**Foot**
Stock: 3/4”, cut 3

- Fold on dashed line.
- Rear view

**Bottom**
Stock: 1/4”

- Dashed line indicates placement of Frame
- Small dashed lines indicate placement of Foot
- Drill 3/8” in Top for turntable shaft and in Bottom for key.
Frame
Stock: 1 1/2"

Top
Stock: 1/4"

Cut out for music box

Circle indicates position of key and turntable shafts.
Foot
Stock: 3/4”, cut 2

Top view
Fold on dashed line  Rear view

Bottom
Stock: 1/4”

Dashed line indicates position of Frame
Small dashed line indicates placement of Foot on Bottom.

Drill 3/8” for key.

Countersink bottomsde of Bottom and attach to Frame with #6 x 3/4” screws.
Project #25

Frame
Stock: 1 1/2"

Circle indicates position of key and turntable shafts.

Top
Stock: 1/4”

Cut out for music box
Fold on dashed line.

**Foot**
Stock: 3/4", cut 2
Top view.

**Bottom**
Stock: 1/4"

- Dashed line indicates position of Frame
- Drill 3/8" for key.
- Countersink underside of Bottom and attach to Frame with #6 x 3/4" screws.
Project #26

**Top**
Stock: 1/4”

**Frame**
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
**Foot**
Stock: 3/4”, cut 2
Top view.

Fold on dashed line
Rear view

**Bottom**
Stock: 1/4”

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot.

Drill 3/8” for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.
Project #27

**Top**
Stock: 1/4"

Circle indicates position of key and turntable shafts.

Cut out for music box

**Frame**
Stock: 1 1/2"
Foot
Stock: 3/4”, cut 2

Fold on dashed line
Rear view

Bottom
Stock: 1/4”

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8” in Bottom for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.
Project #28

Frame
Stock: 1 1/2"

Top
Stock: 1/4"

Circle indicates position of key and turntable shafts.

Cut out for music box
Foot
Stock: 3/4”, cut 2
Top view.

Dashed line indicates position of Frame

Bottom
Stock: 1/4”

Dashed line indicates position of Frame

Drill 3/8” for key.

Small dashed line indicates placement of Foot.

Countersink underside of Bottom and attach to Frame with #6 x 3/4” screws.
Project #29

Top
Stock: 1/4”

Frame
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
**Foot**
Stock: 3/4”, cut 2
Top view.

Fold on dashed line

Rear view

**Bottom**
Stock: 1/4”

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8” for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.
Circle indicates position of key and turntable shafts.

Cut out for music box
**Turntable Overlay**
Stock: 1/4”. Attach to Turntable with glue or silicone. 

Drill 1/4” hole for dowel.

**Frame**
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box.
Drill for a 1/4”D x 3 1/2” long dowel. Secure in Figure and Turntable with glue.

**Top Figure**

**Figure**
Stock: 1/4”

**Turntable**
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside.

Small dashed line indicates position of Turntable Overlay.
Top & Bottom
Stock: 1/4”, cut 1 each

Drill 3/8” in Top for turntable shaft and in Bottom for key.

Foot
Stock: 3/4”, cut 2

Fold on dashed line
Rear view

Dashed line indicates position of Frame

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.

Small dashed line indicates placement of Foot on Bottom.
Top & Bottom
Stock: 1/4", cut 1 each.
Cut slots in Top only

Drill 3/8" in Top for turntable shaft and in Bottom for key.

Small dashed line indicates placement of Foot.

Dashed line indicates placement of Frame.

Foot
Stock: 3/4", cut 3
Front
Top view.

Fold on dashed line
Rear view
Back

1 3/16"

Top & Bottom
Stock: 1/4", cut 1 each.
Cut slots in Top only

Drill 3/8" in Top for turntable shaft and in Bottom for key.

Small dashed line indicates placement of Foot.

Dashed line indicates placement of Frame.

Foot
Stock: 3/4", cut 3
Front
Top view.

Fold on dashed line
Rear view
Back

1 3/16"

Top & Bottom
Stock: 1/4", cut 1 each.
Cut slots in Top only

Drill 3/8" in Top for turntable shaft and in Bottom for key.

Small dashed line indicates placement of Foot.

Dashed line indicates placement of Frame.

Foot
Stock: 3/4", cut 3
Front
Top view.

Fold on dashed line
Rear view
Back

1 3/16"
Pinnacle #1
Stock: 1/4”

Pinnacle #2
Stock: 1/4”

Roof
Stock: 1/4”
Project #32

**Turntable Overlay**
Stock: 3/8”

**Turntable**
Stock: 1/4”, countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside. Small dashed line indicates placement of Turntable Overlay.

**Roof Support**
Stock: 1/4”, cut 4

**Frame**
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
**Turntable Overlay**  
Stock: 1/4". Attach to Turntable with glue or silicone.  
Drill 1/4" hole for dowel.

**Frame**  
Stock: 1 1/2"  
Circle indicates position of key and turntable shafts.  
Cut out for music box.
Project #33

Front

Foot
Stock: 3/4”, cut 2
Fold on dashed line
Rear view

Top & Bottom
Stock: 1/4”, cut 1 each

Dashed line indicates position of Frame

Drill 3/8” in Top for turntable shaft and in Bottom for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4” screws.

Small dashed line indicates placement of Foot on Bottom.
Project #33

Body
Stock: 3/8"

Turntable
Stock: 1/4", countersink the bottomside with a 1" forstner bit 1/16" deep. Secure the metal turntable with super glue or silicone.

Front Leg
Stock: 1/8" - 1/4", cut 2

Drill for a 1/4"D x 3 1/2" long dowel. Secure in Body and Turntable with glue.

Mane
Stock: 1/16" - 1/8", cut 2. Attach with glue or silicone.

Small dashed line indicates position of Turntable Overlay.

Back Leg
Stock: 1/8" - 1/4", cut 2
Drill 3/8” for turntable shaft.

Dashed lines indicate placement of Bottom Support assembly. Attach to bottomside of Top with glue or silicone.

Small dashed lines indicate placement of Apron Support.

Top
Stock: 1/4”
Turntable Overlay
Stock: 1/4", Secure to the Turntable with glue or silicone.

Adjust slot if necessary for thickness of material used.

Turntable
Stock: 1/4", countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Corner Tulips
Secure to Top with glue or silicone.
Attach Apron Support with glue and finishing nails.

Bouquet
Stock: 3/8", cut 2

Front & Back
Stock: 1/4", cut 1 each
Apron Support
Stock: 1/4". Attach to the bottom side of Top with glue or silicone.

Bottom Support
Stock: 1/4", cut 2
Drill 3/8" for key.

Assembly Instructions
Assemble by first attaching the Sides to the Front and Back. Next attach the Apron Support. Now attach the Bottom Supports to the Side Supports. Insert the music box movement and secure in place with silicone. Attach the Leg assembly to the bottom of the Top and secure with glue or silicone. Insert the music box movement assembly into position on the underside of the Top and glue in place. Secure the Turntable Overlay to the Turntable and secure the figures into place. Then attach the wood Turntable to the metal turntable.
Project #34

**Side**
Stock: 1/4”, cut 2

**Figure**
Stock: 1/4”
**Foot**
Stock: 3/4", cut 2
Top view.

Fold on dashed line
Rear view

**Top & Bottom**
Stock: 1/4", cut 1 each

Dashed line indicates position of Frame

Small dashed line indicates placement of Foot on Bottom.

Drill 3/8" for key.

Countersink bottomside of Bottom and attach to Frame with #6 x 3/4" screws.
**Turntable**
Stock: 1/4". Countersink the bottomside with a 1” forstner bit 1/16” deep. Secure the metal turntable with super glue or silicone.

Dashed line indicates position of metal turntable on bottomside.

Small dashed line indicates position of Overlay Turntable.

**Frame**
Stock: 1 1/2”

Circle indicates position of key and turntable shafts.

Cut out for music box
Bird & Hearts
Stock: 3/8”

Cupid & Harp
Stock: 3/8”

Angel & Birds
Stock: 3/8”

Victorian Heart
Stock: 3/8”
Angel
Stock: 3/8"

Singer
Stock: 3/8"

Flowers
Stock: 3/8"

Love Birds
Stock: 3/8"