

## Tip #4 Using the Shopsmith Molder to make decorative accents and picture frames

### Making Decorative Moldings

Decorative moldings offer a simple way to “dress-up” and accentuate a room. When properly used, it can create an optical illusion of space and height while adding a new visual reference point to an otherwise plain room. Moldings can bring added attention to a pleasing feature of a room such as a bay window or a fireplace – or conversely, to draw the eye AWAY from problem areas.

Surprisingly enough, often just a couple of Knives can be used to cut a multitude of different shaped moldings by simply tilting your worktable to change the angle of the cut as it’s made in your workpiece.

Start by selecting your stock to fit your budgeting and decorative parameters. Remember that the best moldings always come from straight, clear stock that’s free of knots and warpage. Although clear pine is the least expensive, poplar makes a great substitute and can usually be stained to match practically any wood you like. If you want true “class”, try oak, walnut or cherry. The choice is yours.

First, rip your stock to the desired width...and while you’re at it, remember to prepare about 20% more stock than you think you’ll need to allow for Knife set-ups and cutting errors.

### Creating Crown & Bed Moldings

Crown Moldings & Bed Moldings are two of the most popular molding patterns in use today. Here are the step-by-step procedures for creating these popular profiles with your Shopsmith Molding Package.

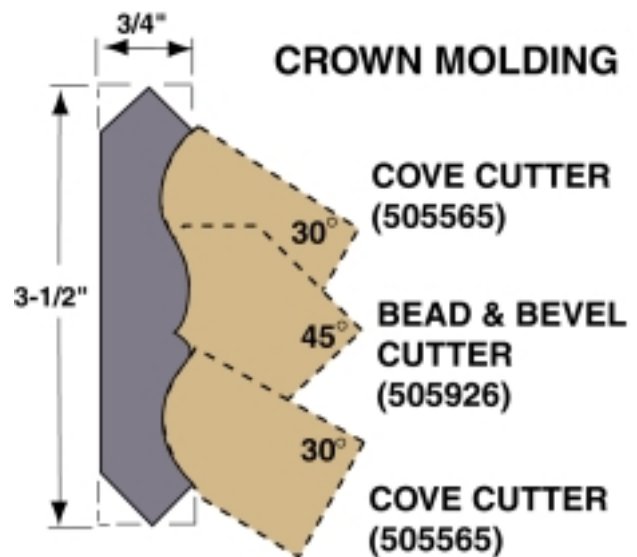
#### Crown Molding

**First Cut:** Lay your molding stock flat on the saw table. Tilt your table to 30-degrees and use the Cove Cutter (505565) to cut the cove in the top face of your molding.

**Second Cut:** Leaving your saw table tilted to 30-degrees, reposition your stock use your Cove Cutter (505565) once again to cut the cove in the bottom face of your molding.

**Third Cut:** Re-position your molding stock, tilt your saw table to 45-degrees and use your Bead & Bevel Cutter (505926) to cut the center profile in the face of your molding.

**Fourth Through Seventh Cuts:** Replace your Molding cutter with a saw blade — and with your table tilted to 45-degrees, cut the four 45-degree bevel cuts on the outer edges of your molding strips, as shown.



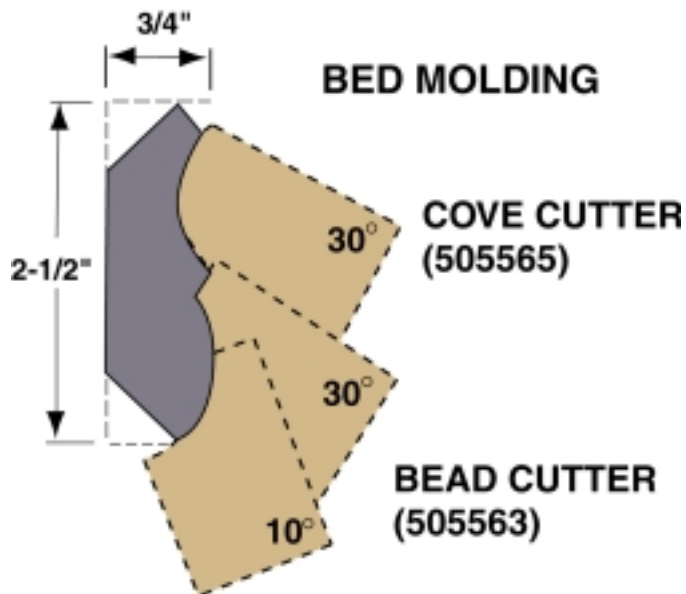
## Bed Molding

**First Cut:** Lay your molding stock flat on the saw table. Tilt your table to 30-degrees and use the Cove Cutter (505565) to cut the cove in the top face of your molding.

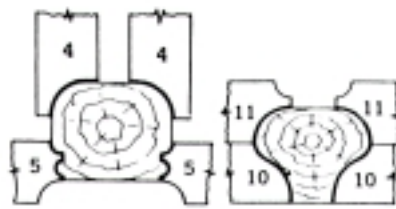
**Second Cut:** Leaving your saw table tilted to 30-degrees, reposition your stock use your Bead Cutter (505563) to cut the cove in the center face of your molding.

**Third Cut:** Re-position your molding stock, tilt your saw table to 10-degrees and use your Bead Cutter (505563) once again to cut the bottom profile in the face of your molding.

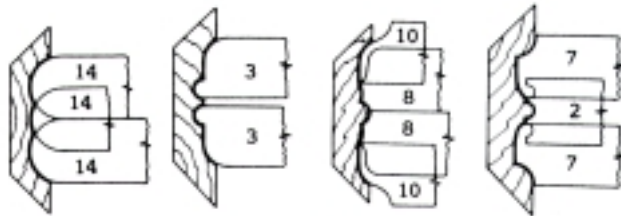
**Fourth Through Sixth Cuts:** Replace your Molding cutter with a saw blade — and with your table tilted to 45-degrees, cut the three 45-degree bevel cuts on the outer edges of your molding strips, as shown.



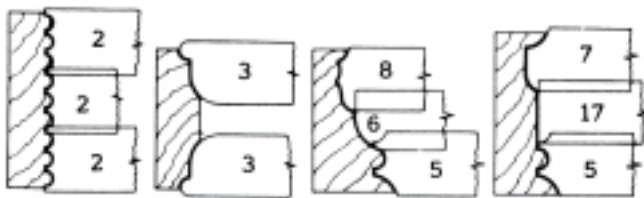
The following drawings show a number of additional molding profiles that can be made with Shopsmith's Molding Knives.



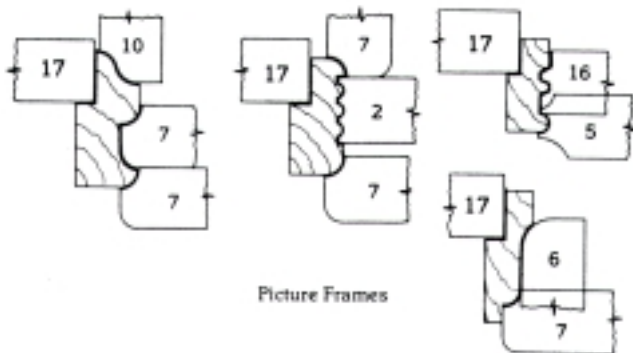
Handrails



Inside Moldings



Decorative Mold



Picture Frames



Threshold



## Three Simple Picture Frame Moldings

A beautiful picture frame can go a long way toward enhancing the appearance of an “ordinary-looking” painting or photograph. The challenge is often to find the right frame – without having to pay a small fortune for it. This is yet another place where your Shopsmith MARK V and the right assortment of Molding Knives can “save the day”.

Here are three designs for some very attractive picture frames that you can make by using the Table Saw and your Molding Attachment (555153). Use these designs as a starting point (plus the other four shown in the lead-off portion of this article) and add to them by using your own combination of cutters, table tilt angles, etc. Believe it or not, your choices can be virtually limitless.

Here’s an important safety tip....Always start with stock that’s as long as possible, while still being manageable – 6’ is about right, but stock up to 8’ can also be managed fairly easily. Be sure to use Featherboards, Push Sticks, Push Blocks and shop-made Rip Fence extensions for added convenience in guiding your stock precisely through the cut – and added safety, as well.

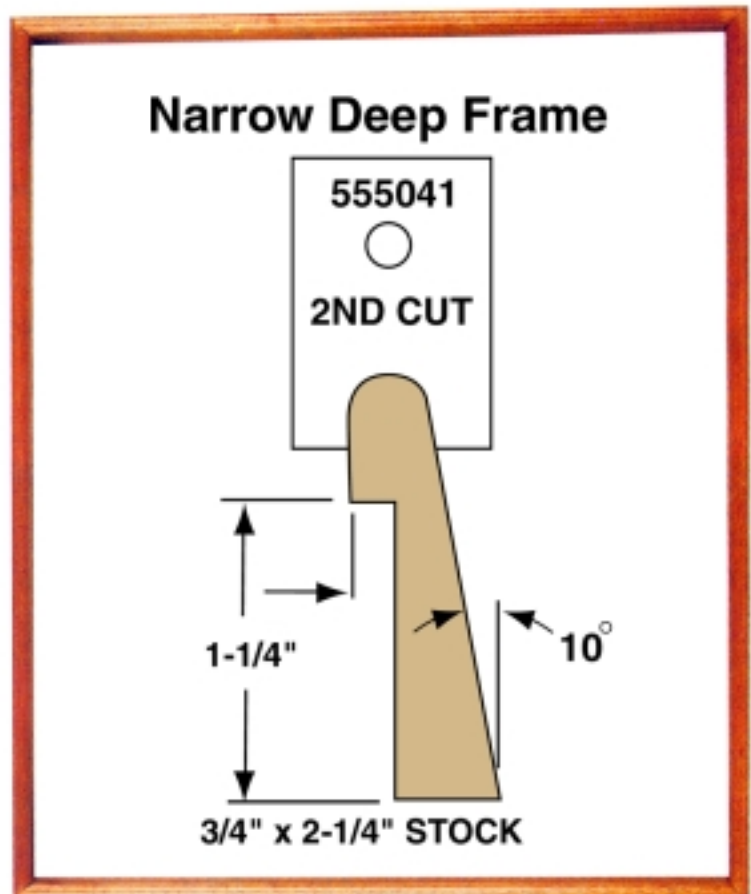
### Narrow-Deep Frame

**First Cut:** Use a Hollow Ground (505547) or Carbide-Tipped Blade (555001) to cut the long bevel on the outside edge of the frame molding.

**Second Cut:** Use the 1/2" Nosing Cutter (555041) to create the radius on the top edge of your molding.

**Third Cut:** Cut the rabbet on the back side of your frame last.

**Note:** When cutting the corner miters, use a spacer in the rabbet so the frame will rest flat against the Miter Gauge Face while making your cut.



## Shadow-Box Frame

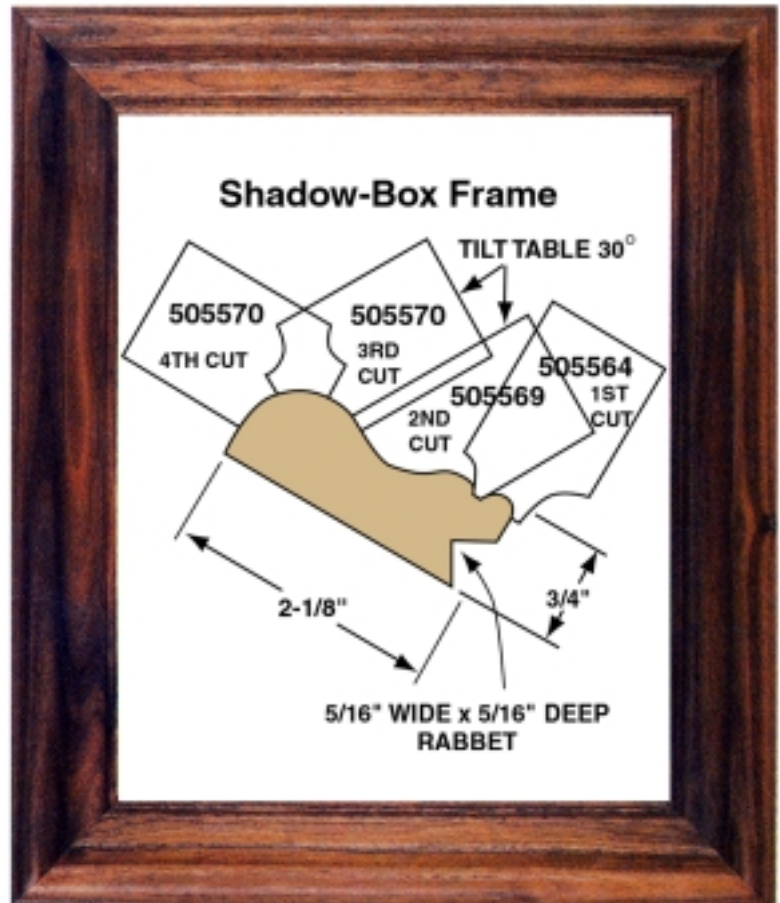
**First Cut:** Lay your molding stock flat on the saw table and use the Bead & Quarter-Round Cutter (505564) to make your first cut.

**Second Cut & Third Cuts:** Tilt your saw table to 30-degrees and use your Ogee Cutter (505569) and 1/4" & 1/2" Combination Quarter-Round Cutter (505570) to make the two center cuts

**Fourth Cut:** Guide the back side of your frame molding against your Rip Fence and use your 1/4" & 1/2" Combination Quarter-Round Cutter (505570) again to round-over the outer edge of your frame molding.

**Fifth Cut:** Tilt your saw table to 30-degrees and cut the rabbet in the back of the frame molding.

**To Cut Your Shadow-Box Corner Miters,** tilt your saw table to 21-degrees and your Miter Gauge Face to 49-degrees



## Wide, Rounded Frame

**First Cut:** Use your 1/4" & 1/2" Combination Quarter-Round Cutter (505570) to round-over the bottom outer edge of your frame molding.

**Second Cut:** Flip your molding stock over and use your 1/4" & 1/2" Combination Quarter-Round Cutter (505570) once again to round-over the top, inner edge of your frame molding.

**Third Cut:** Flip your molding stock over again and use your 1/4" & 1/2" Combination Quarter-Round Cutter (505570) to round-over the top, outer edge of your frame molding.

**Fourth Cut:** Use your table saw to cut the 5/16" x 5/16" rabbet in the back side of the frame.

