

THE BELSAW COMPANY 90 Karina Court San Jose CA • 95131 PRSRT STD U.S. POSTAGE PAID SAN JOSE, CA PERMIT #5187

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Order Toll Free! 1-800-468-4449 Mon.-Fri. 7:00am to 3:00pm Pacific Time

Belsaw Molding Pattern Knives

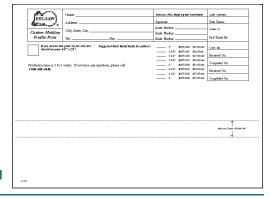
We stock a very extensive selection of molding pattern knives as illustrated on the next few pages. All of our molding knives are produced by our in-house grinding department from the highest quality M-2 High Speed Tool Steel. If you do not see the pattern you need on these pages, give us a call for a custom knife quote. These patterns will work on Planer/Molders manufactured under the following labels: Belsaw, Foley-Belsaw, Sears, Powermatic, some Jet, Woodmaster & RBI machines.

Custom Ground Knife Service

We can custom manufacture tooling to your specifications should the need arise. Pricing is determined generally by three factors; the size of the pattern, whether or not it can be completed with a single profile, and the complexity of the knife to be ground. If you need a knife custom ground to your specifications, send us a detailed drawing, or a sample for a prompt quotation.

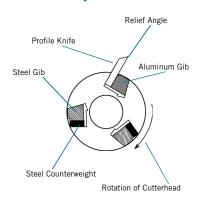
Fax us your drawing (408) 441-1222 Or by mail.

r drawing The Belsaw Co. 11-1222 90 Karina Court Or by mail... San Jose, CA 95131



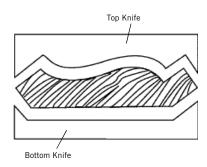
Custom Ground Pattern Knives

How they work...



Each knife set includes (1) 1/4" thick profile knife manufactured from M-2 High Speed Tool Steel, (1) aluminum gib to be used with the profile knife, and (2) sets of steel weights and steel gibs for counterbalancing the cutterhead. Each set is professionally ground, weighed and correctly matched to the required counterbalance steel gib sets. Installation is very simply achieved by removing the planer knives & gibs, bottom out the jack screws, position the pattern knife in any of the three slots and finish installation by following the detailed instructions that are included with every knife set.

Top & Bottom Knives...



Several molding profiles such as the crown illustrated, require milling on the top and bottom to complete the pattern. Generally, the top knife will produce the decorative element of the pattern and the bottom knife will cut the back angles for proper fit. For example, you will note on the price list that for molding profile WP51 (crown), will list a top and bottom to complete the pattern. If you own a Tablesaw, you may wish to cut your own back angles.

Multiple "UP" Pattern Knives...



For increased molding production, we offer several patterns with a multiple "up" option. In the example illustrated, this molding pattern will produce (2) identical profiles at a single pass. To determine if the pattern you need is available with this option, it will be noted on the price list with a "2 up" following the profile number.

Questions customers ask most often...

Q. How long will the knife last?

A. It is difficult for us to determine the useful life of your pattern knife for a number of reasons. Lifespan is determined by several criteria such as the molding pattern being used, material being milled, the relative moisture content, and grade of lumber. However, many of our customers report that they can produce several thousand feet of molding with the same knife without any problems.

Q. Can the knives be resharpened?

A. We recommend that you do nothing more than to hone the back side of the knife with a fine grit oilstone. If you attempt to sharpen the contour of the knife, you can create balance problems and you may also lose the geometry of the original pattern.

Q. Do you have any other patterns than what is shown?

A. We are constantly looking for new patterns to offer our customers. Additionally, we can custom manufacture a profile to your specifications for a very low cost. If there is a particular pattern that you would like us to offer, please let us know!