



Cool Blocks

Product # 49H01 for the Delta 14" Bandsaw; 49H02 for Tawainese copies of the Delta 14" saw (Jet, Grizzly); 49H03 for the Sears 12" Bandsaw; 49H05 for Shopsmith; 49H06 for 1/4" round; 49H07 for 3/16" round; and 49H08 for the Sears Tilt-Head

General Notes:

Cool Blocks are an improved replacement for the original guide blocks on your bandsaw. They are made of a high tech, non-metallic material which contains a dry lubricant. Old style metal guide blocks create friction and heat by the metal to metal contact of the blade and the guides which causes blade fatigue and premature breakage. Cool Blocks eliminate this problem so blades run cooler with less friction and last longer.

The dry lubricant in Cool Blocks is formulated to give sufficient blade lubrication but will not stain the wood. The bandsaw blade and your bandsaw will run smoother and quieter.

The non-metallic Cool Blocks cannot accidentally damage the blade teeth the way metal does. Cool Blocks can be easily refaced with a file.

Cool Blocks pay for themselves quickly by extending the life of bandsaw blades. Cool Blocks are essential for economical bandsaw use. The increased performance and quietness are a bonus.

Installation Instructions:

Installation of your new Cool Blocks is easy. No modification of your bandsaw is needed.

1. Unplug your bandsaw.
2. Loosen the screws or holder that holds the blade guide blocks in the blade guide of the bandsaw.
3. Remove your old blade guide blocks.
4. Insert your new Cool Blocks.
5. Install your blade and adjust your new Cool Blocks as usual.

Note: You can usually set the Cool Blocks a little closer to the blade than you could with metal blocks. See Adjustment Instructions.

Cool Blocks can be refaced with an ordinary file when necessary.

Adjustment Instructions:

1. Install and adjust the blade according to the instructions of the manufacturer of your bandsaw. The guide blocks or the thrust bearing should not touch the blade.
2. Adjust the thrust bearing about .015" (1/64") behind the back of the blade.
3. Position the block holders so that the guide blocks are about .015" (1/64") behind the blade gullet. The distance between the gullet and the block should be the same as the distance between the blade back and the thrust bearing (see step 2).
4. Adjust the distance between the blade and the guide blocks. This distance should be between .003" and .005" (roughly the thickness of a piece of paper). A dollar bill is .004" thick and will give you an accurate measurement. Fold the dollar bill over the back of the blade. Position the paper and the blade between the blocks. Gently move the two blocks together holding the two folds of paper and the blade between the blocks. Be very careful not to deflect the blade to one side or another. Tighten the blocks and slide the paper out. If the paper doesn't slide, the blocks are too close. After removing the paper, you should see an equal amount of light on each side of the blade between the two blocks.

Note: The smallest 1/16" blades should be "captured" by the Cool Blocks. Before tightening blocks in place, unplug the saw, rotate the wheel while pinching the blocks together until the blade wears a kerf in the blocks and the two block faces meet.

