

The Inclinometer

The Inclinometer is designed to assist you in setting the angle of your table saw blade or jointer fence accurately, but you can also use it in a variety of other situations that require you to find or set a precise angle.

1. To set a saw blade angle, it is necessary to first zero the Inclinometer to the saw table. This can be accomplished with the aid of the 1,2,3 block included with your Inclinometer. The 1,2,3 block is precision ground to be 3" long, 2" wide, 1" thick with perfect right angles. You can obtain a perfect 90° angle by placing the block on the saw table and attaching the Inclinometer to its side. Next set the quadrant so that the pendulum indicates zero, and you are ready to begin.

2. Attach the Inclinometer directly to your saw blade (taking care to position the saw's set in the notch provided,) position your saw blade as desired, and the pointer will indicate its angle, relative to the saw table. Once the Inclinometer is attached to the saw blade, it is important to assure that the pendulum swings freely and is as close as possible to the scale without actually touching it. Slight forward or backward adjustments may be made to free the pendulum and it can even be unhooked and rotated 180° if necessary. (If you perform this last step, however, you should re-zero using the 1,2,3 block.) Very small variations in angle are easy to see because of the Inclinometer's relatively long quadrant length.

3. To obtain the most accurate results, it is helpful to pull up a stool in front of the saw, positioning yourself so that you are in direct alignment with the Inclinometer, and slowly tilt the blade to the desired angle. (This procedure will also prevent fatigue and allow you to see through the bottom of your bifocals.)

4. The procedure for setting a jointer fence is virtually the same as the one detailed above. Both the pendulum hanger and the quadrant of the Inclinometer can be moved to the opposite side of the instrument if necessary for other measuring tasks.

***Note:** An open type pivot bearing is used in the pendulum to reduce friction. Dust and dirt should be kept out of it to prevent it from binding. We have packaged it in a small poly bag and suggest that you protect it in the same way when it is not in use.*

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