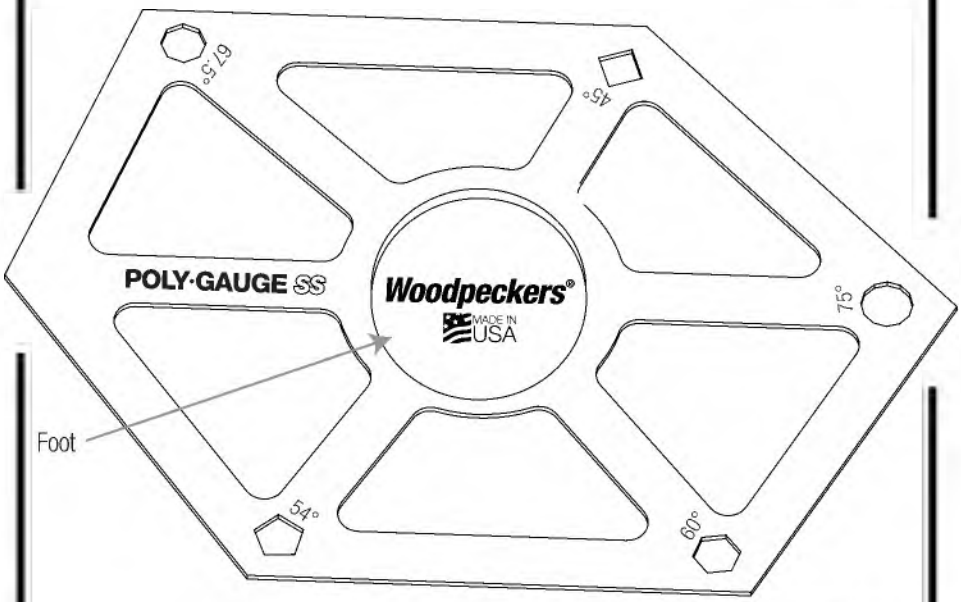
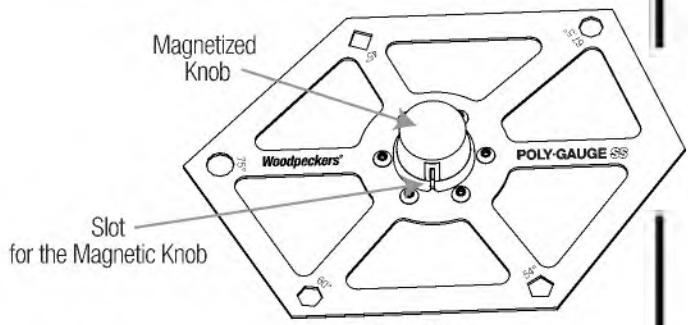
Woodpeckers®
OneTIME Tool®
POLY•GAUGE SS

OWNER'S MANUAL





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You can also call us at 800-752-0725 from 9:00 a.m. to 4:00 p.m. EST Monday - Friday.

The dual purpose Magnetic Knob and base has two built-in rare earth magnets so it can stand erect on steel machine tops. This feature allows machine adjustments with both hands free. When used in the horizontal position the magnets grip the tool for use as a knob.

Below the polygon is an aluminum Foot. The Foot raises the tool off the machine surface to engage a machine fence or miter gauge on its flat surface for super-accurate readings.

Using the angles shown below for machine setup, you can make multi-sided picture and mirror frames, cutting boards with multi-sided shapes and trays with sloping sides. Take on big projects like corner cabinets. If you do lathe work, setups for segmented turnings are easy. Let your imagination be your guide.

I. SAW BLADE & JOINTER FENCE SETTINGS

1. Tilt your saw blade to the approximate angle desired.

2. "Pop" the Magnetic Knob off the Poly-Gauge and slip the Poly-Gauge into the Slot in the Magnetic Knob with your desired angle in position relative to the saw blade.

3. Position the Poly-Gauge so it is perpendicular (90°) to the saw blade. **FIGURES A.**

NOTES:

A. You will not get an accurate blade setting if the Poly-Gauge is skewed.

B. Make your saw blade adjustment readings referencing the saw blade plate, not from a tooth on the blade.

C. Raise the saw blade height to provide as much reference surface as possible.

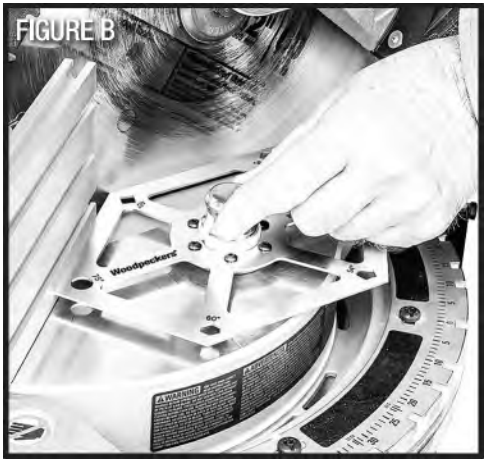
D. Fine adjust the blade angle to the desired Poly-Gauge angle. It will be necessary to tweak the blade and the Poly-Gauge positions until the saw blade plate and the Poly-Gauge angle are precisely aligned.

E. The blade is set when no light is observed between the Poly-Gauge edge and the blade plate.

FIGURE A - SAW BLADE

FIGURE A- JOINTER FACE

II. MITER GAUGE SETTING



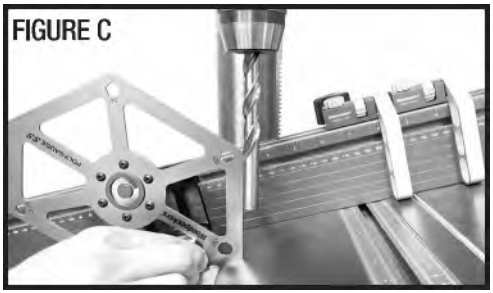
1. Raise the saw blade to expose ample saw blade plate for the Poly·Gauge to not touch any teeth. Make sure the blade is at 90° to the table.

2. Bring the miter gauge into position near the blade so that the Poly·Gauge will reference the saw blade plate and not touch a blade tooth.

3. Fit the desired angle to the blade by adjusting the miter gauge fence adjacent to the Poly·Gauge edge until it fully contacts the blade. **FIGURE B.**

4. Lock the miter gauge in place and recheck the setting.

III. DRILL PRESS



Accurately drill holes at an angle using the Poly·Gauge as your set up tool.

1. Chuck a length of drill rod or straight steel round stock into the drill press chuck. A longer drill bit can be substituted but is more difficult to read because of the spiral flutes. **FIGURE C.**

2. Loosen your drill press table angle-adjusting lock so it's just slightly snug making it easy to move but also able to stay in place. Remove the Magnetic Knob and place the gauge in the Slot in the appropriate adjoining angle to your desired angle.

3. Position the table to the approximate desired angle and line up the Poly·Gauge.

4. Fine adjust the table angle while sighting along the desired Poly·Gauge angle and drill rod or drill bit. When the angle and drill rod touch along the length of the Poly·Gauge, lock the table in place, then recheck alignment.

VI. MITER SAWS, COMPOUND MITER SAWS & RADIAL ARM SAWS

The Poly-Gauge facilitates setting both the crosscut angle and the blade tilt angle on compound miter saws and radial arm saws.

1. To set the crosscut angle, reference the desired angle on the gauge to the saw blade plate while the adjacent angle is registering on the saw fence. As before, it's best to reference off the saw blade plate, where no saw teeth are interfering. If need be, raise the height of the Poly-Gauge by placing a spacer below it.

2. Setting the blade tilt angle on a compound miter saw follows the same procedure as setting table saw blade tilt, drill press table tilt, jointer fence, etc.

3. Remove the Magnetic Knob from the Poly-Gauge tool and slip the Poly-Gauge into the Slot with your desired angle in position relative to the blade. **FIGURE D.**

4. Carefully position the Poly-Gauge so it's perpendicular (90°) to the blade. ***NOTE:*** *You will not get an accurate blade setting if the Poly-Gauge is skewed.*

5. Fine adjust the blade angle to the desired gauge angle. It will be necessary to tweak the blade and the gauge positions until the saw blade plate and Poly-Gauge angle are precisely aligned.

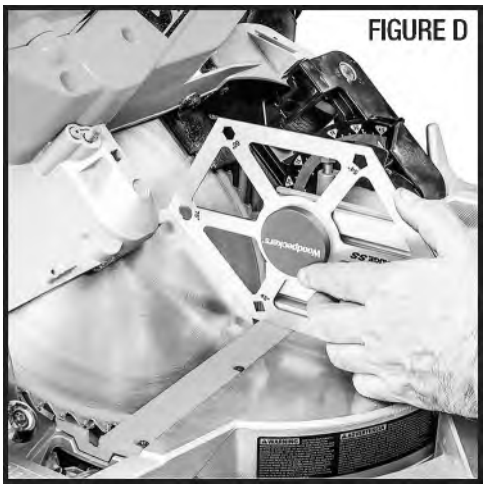


FIGURE D

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