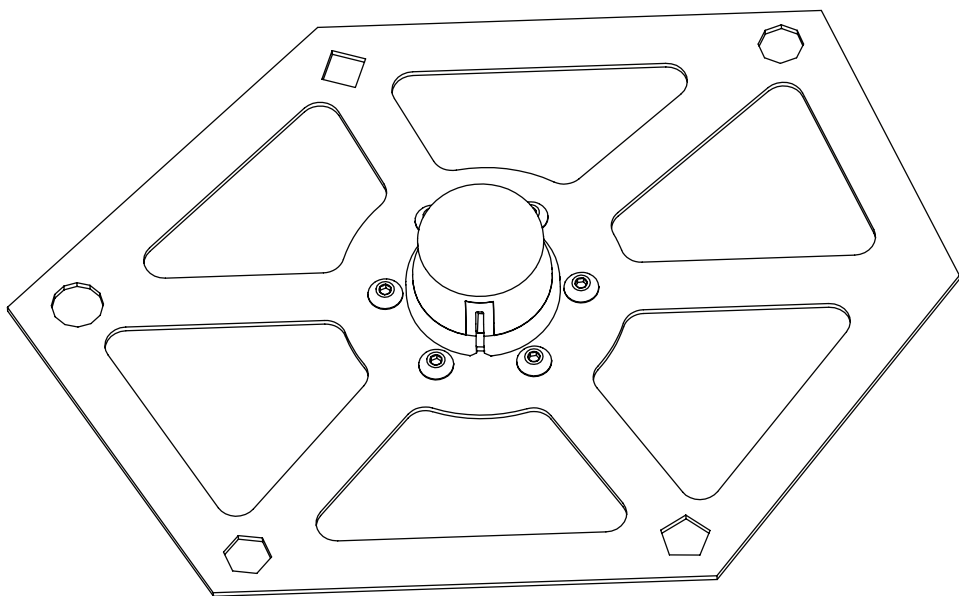


Woodpeckers[®] ***OneTIME Tool***[®]

POLY-GAUGE SS

O W N E R ' S M A N U A L



If you think you're missing anything, email us at mailroom@woodpeck.com.
You can also call us at 800-752-0725 from 9:00 a.m. to 5:00 p.m. EST Monday - Friday.

With the Poly-Gauge SS SS at hand, you can quickly set a table saw or miter saw blade angle perfectly the first time. It works equally well setting miter gauges and miter saw fences to blade angles. Use it to set a jointer fence angle for a cleanup cut. The Poly-Gauge SS is a precision-machined, six-sided polygon with the five angles most commonly used by woodworkers like you.

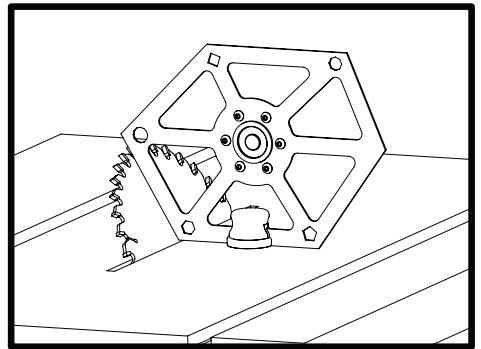
The Poly-Gauge SS SS can stand on edge using its special base. The dual purpose knob and base has two built-in rare earth magnets so it can stand erect on steel machine tops. This feature allows machine adjustments with both hands free. When used in the horizontal position the magnets grip the tool for use as a knob. Below the polygon is a 9/32" 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.



BLADE SETTING

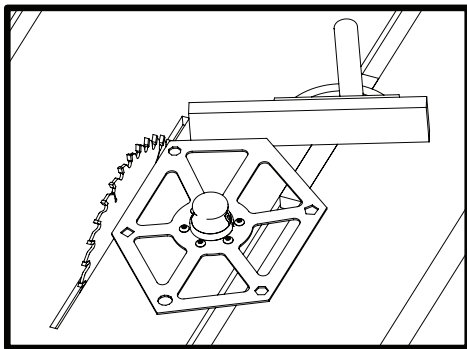
Tilt your saw blade to the approximate angle desired. "Pop" the knob/handle off the Poly-Gauge SS tool and slip the Poly-Gauge SS into the slot in the knob with your desired angle in position relative to the blade. Now position the Poly-Gauge SS so it perpendicular (90°) to the blade. You will not get an accurate blade setting if the Poly-Gauge SS is skewed.



NOTE: Make your blade adjustment readings referencing the saw blade plate, not a tooth of the blade. Also, raise the blade height to provide as much reference surface as possible. Next, 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 the Poly-Gauge SS angle are precisely aligned. The blade is set when no light is observed between the Poly-Gauge SS edge and the blade plate.

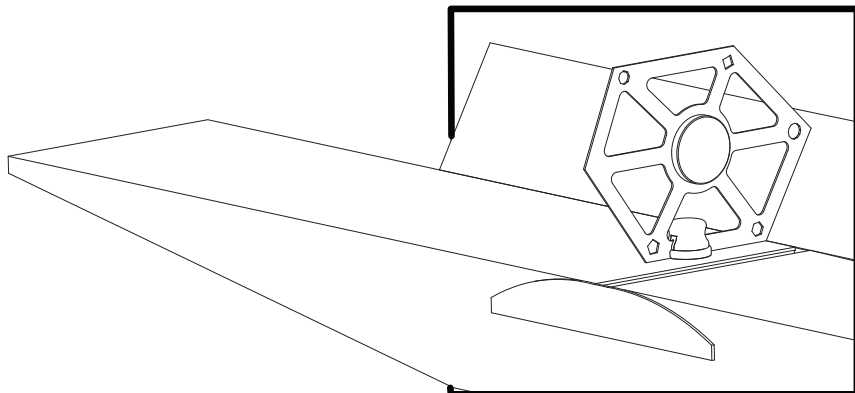
MITER GAUGE SETTING

First raise the blade to expose ample saw blade plate for the Poly-Gauge SS to not touch any teeth and make sure the blade is at 90° to the table. Bring the miter gauge into position near the blade so that the Poly-Gauge SS will reference the saw blade plate and not touch a blade tooth. Now, fit and desired angle to the blade and adjust the miter gauge fence until it fully contacts the Poly-Gauge SS edge adjacent to desired angle fully contacting the blade. Lock the miter gauge in place and recheck the setting.



JOINTER FENCE

Use the Poly-Gauge SS to precisely set the jointer fence angle, following the same procedure as setting a table saw blade angle as described on page 2.



MITER SAWS, COMPOUND MITER SAWS & RADIAL ARM SAWS

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

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 SS by placing a spacer below it.

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. Remove the knob/handle from the Poly-Gauge SS tool and slip the Poly-Gauge SS into the slot in the knob with your desired angle in position relative to the blade. Now carefully position the Poly-Gauge SS so it's perpendicular (90°) to the blade. You will not get an accurate blade setting if the Poly-Gauge SS is skewed. Next, 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 SS angle are precisely aligned.

DRILL PRESS

You can accurately drill holes at an angle using the Poly-Gauge SS as your set up tool. 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.

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 Poly-Gauge SS Knob and place the gauge in the Knob slot in the appropriate adjoining angle to your desired angle. Now position the table to the approximate desired angle and line up Poly-Gauge SS. Fine adjust the table angle while sighting along the desired Poly-Gauge SS angle and drill rod or drill bit. When the angle and drill rod touch along the length of Poly-Gauge SS, lock the table in place then recheck alignment.

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PRECISION WOODWORKING TOOLS

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