

## Fence Extension - add ruler & calibrate for glass cutter allowance



- Insert screws into holes and add the wing nuts.
- Fit the ruler to the body as shown and moderately tighten the wing nuts to hold the ruler in place.
- Most right and left handed users use the right hand setup and we suggest it as a starting point.

• To allow for the glass cutter you must calibrate as described in the options below. The process is very easy with practice.

**Please note: If there is a paper layer on the back side of the ruler... remove it before using.**

• I am left handed and prefer the right handed setup, I would suggest that you start with "Inch Right Hand" or "Metric Right Hand". You can always change.

• The ruler and orange cutter gauge are used to calibrate the Fence Extension ruler to allow for the glass cutter. The long leg of the cutter gauge is to the right for right handed setups and to the left for left handed setups.

• Arrange the PG01B in a standard 90° setup. Diagram 1, page 1 in Quick Start - Section A will be helpful.

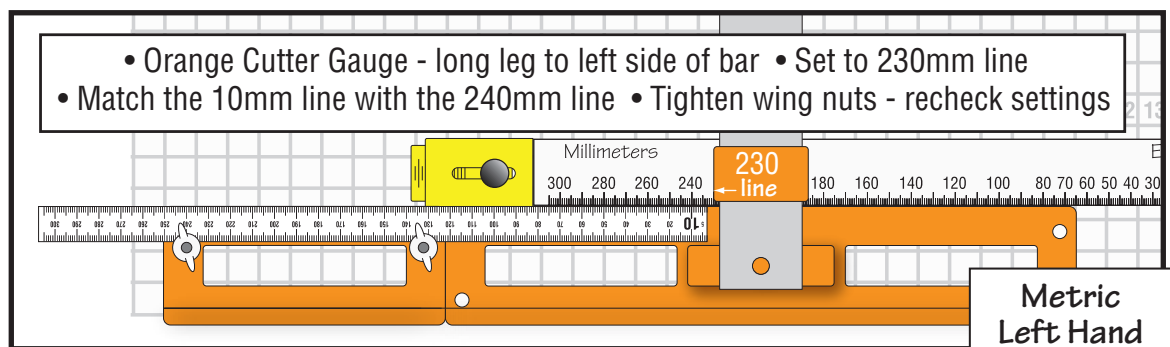
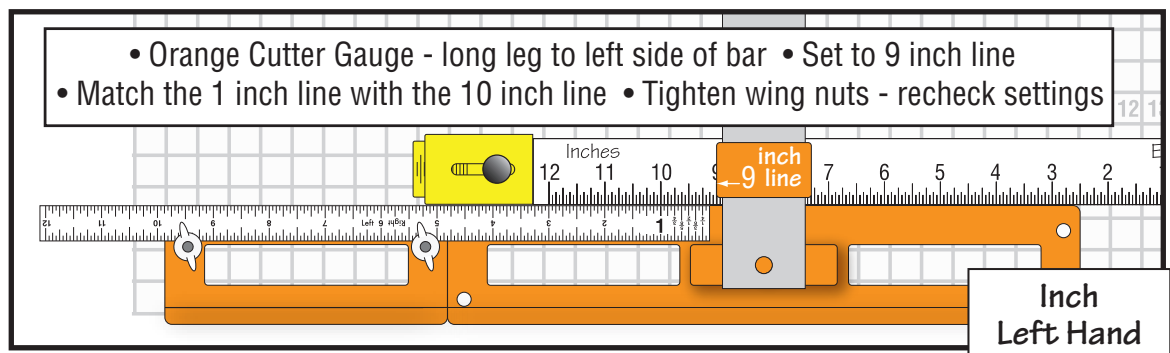
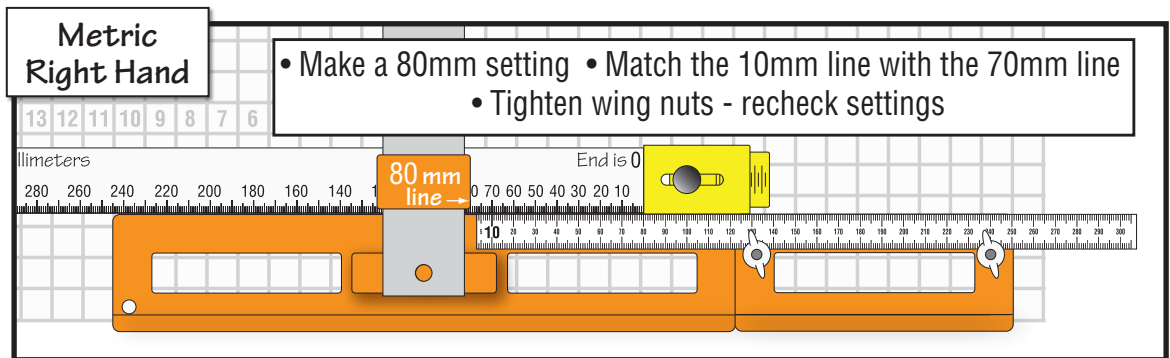
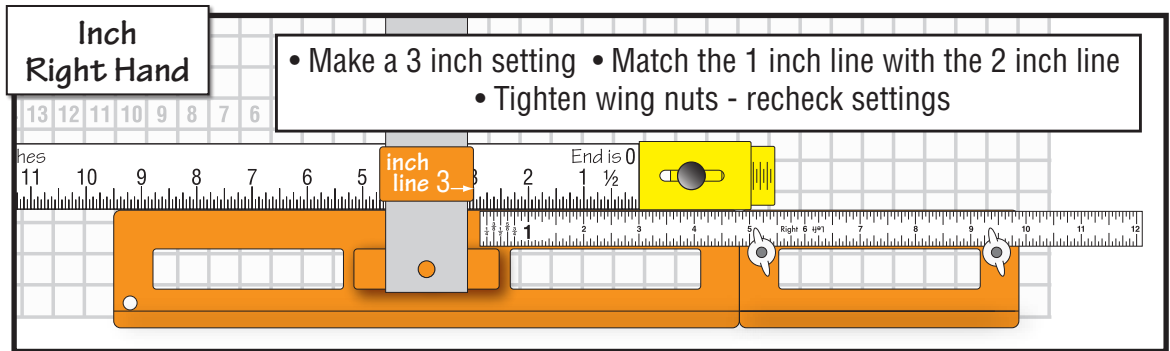
• Position the PG01B ruler as shown. Use the yellow glass stops to hold the ruler in place.

• Set the Extension body tight to the Squaring Fence and fit the inch or millimeter Extension ruler under the wing nuts.

• Adjust the ruler as shown and moderately tighten the wing nuts to hold the ruler in place.

• The ruler is now ready to set Stops or size your glass without using the regular ruler and cutter gauge. Please remember that this method is only as accurate as your eye sight.

• **Suggestion:** Once you are sure of your setting you might try turning the body over and mark the ruler with a pencil. If the idea works you might mark the ruler with a more permanent marker. This will make switching from inch to metric fast and easy.



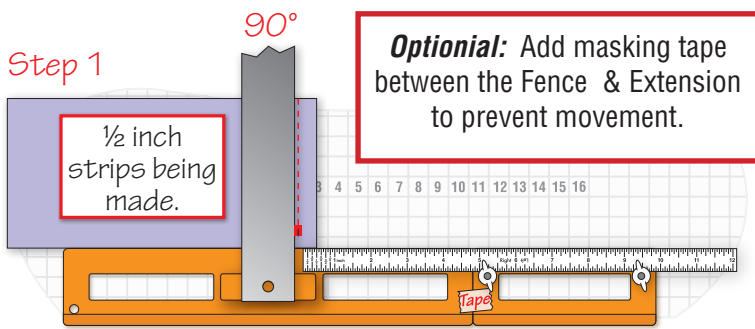
## Using the Fence Extension to make parallel strips

- The Fence Extension is for 90° setups only and should always be removed when other than 90° angles are used to protect the ruler. With the ruler now attached with wing nuts you have the option of just removing the ruler.

- Calibrated correctly the Fence Extension ruler is allowing for your glass cutter. Be sure that the Fence Extension body is tight to the Squaring Fence before you use the ruler for a measurement. Using the Fence Extension ruler for size setting will be as accurate as your eyesight. If you need to be exact you should consider the standard inch/metric ruler and orange cutter gauge for setting your yellow glass stops.

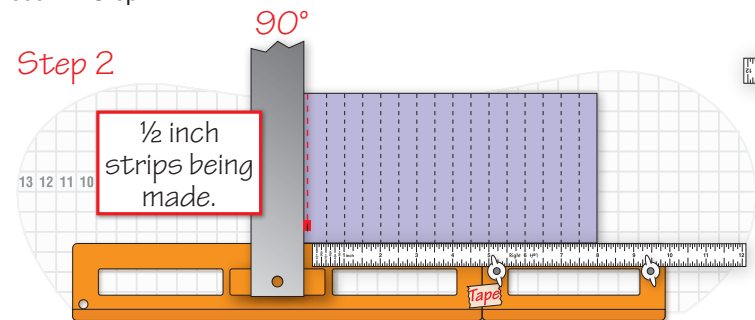
- Please note:** You can always recalibrate the rulers if you need to remove one and add another. At this time we do not have a method to mark the ruler and body so you can remove the ruler and then replace it without recalibrating. Be creative and find a way.

- Although using the Fence Extension can be very accurate it is intended to help you speed up tasks like strip cutting. The following steps should give you the concept.



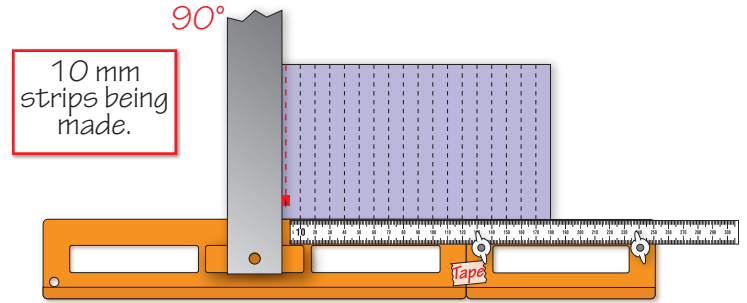
- Step 1...** How the 1st strip is managed may be determined by your glass sheet and the width of the strip. If your glass is square you may not have to do anything or you may have to square the end before you get started. The example is for 1/2 inch strips.

Place the lower right corner to the 1/2 inch mark and make the 1st score. You can remove each strip after the score or you can use the method seen in Step 2.



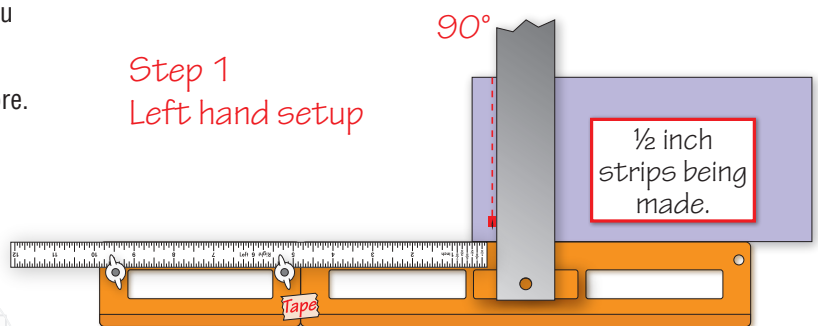
- Step 2...** The accuracy of this method depends on your ability to locate the leading edge to each ruler increment. In this example the right lower corner is advanced by 1/2 inch increments. After scoring the number of strips you need the sheet is removed and the scored strips are removed one at a time. **Suggestion:** Practice with window glass and 1 inch strips until you feel comfortable with the process.

- Because it is now very easy to use either the inch ruler or the metric ruler you may want to try some options. 10mm is about 1/2mm greater than 3/8 inch. 15mm is about 3/4mm less than 5/8 inch.



- 3/8 & 5/8 are hard fractions to repeat on the inch scale. On the metric scale, sequences like **10-20-30** or **15-30-45** are much easier to work with. When making strips for fusing on edge, the small difference between metric and inch scales is not important. Use the chart below to plan your strips for fusing on edge.

Fence Extension Ruler	Strip Width	Advance Glass in this Sequence	Actual Strip Width
Inch	1/4	1/4 1/2 3/4 1	1/4 inch
Millimeter	3/8	10 - 20 - 30 - 40	10mm
Inch	1/2	1/2 1 1/2 2	1/2 inch
Millimeter	5/8	15 - 30 - 45 - 60	15mm



- Left hand setup:** I am left handed and I prefer the right hand setup because I feel the my right hand is less in the way of my using the glass cutter. Learning to score on either side of the cutting bar is quite easy to learn with the cutter slide that was added to the PG01B in 2012.

- The Fence Extension rulers are the only left hand setup that you can use to set sizes to the left of the cutting bar. The standard 12 inch/metric ruler and cutter gauge are always used to make settings on the right side of the cutting bar.

- Once you are comfortable scoring on either side of the bar you might give the left hand setup a try even if you are right handed.