

INSTRUCTION SHEET

POWERTEC

Precision Square Measurement Ruler for Measuring and Marking



Each kit contains:

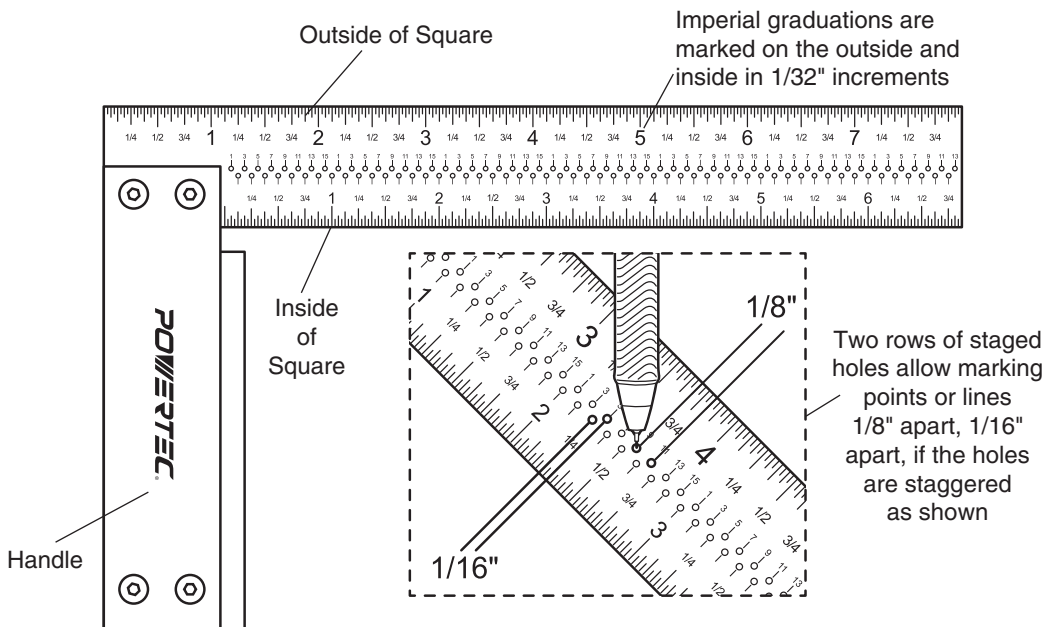
- 1 - Square
- 1 - Pentel® 0.5 mm pen
- 1 - Hex wrench

* Pentel is the trademark of PENTEL KABUSHIKI KAISHA.

These instructions cover these models:

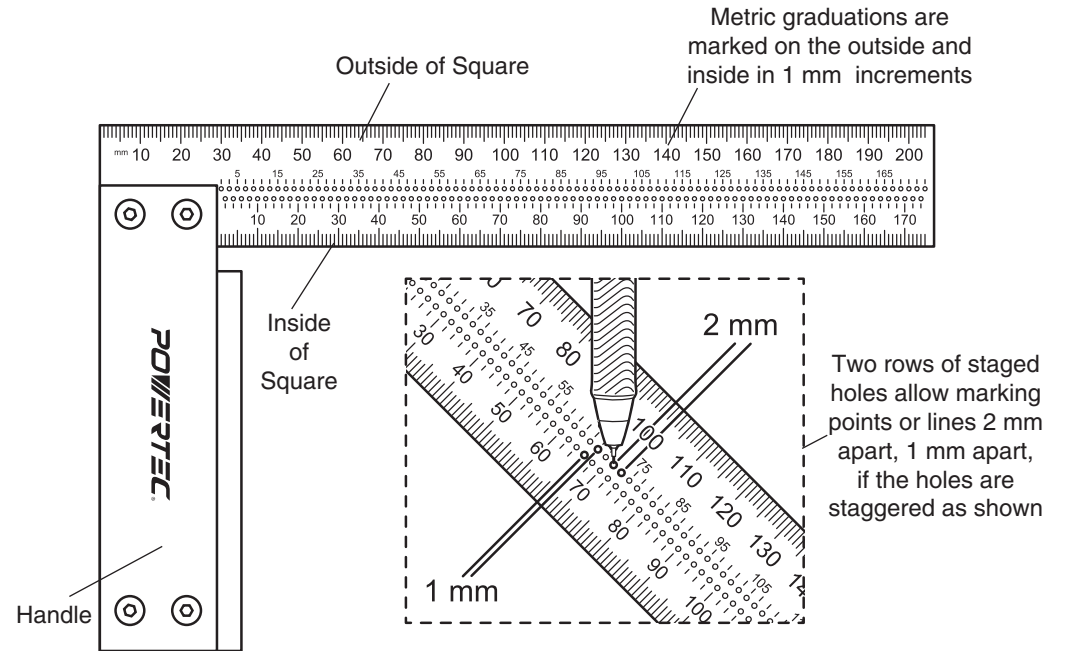
Imperial

- 71532 Precision Square 8" Measurement Ruler for Measuring and Marking
- 71533 Precision Square 12" Measurement Ruler for Measuring and Marking



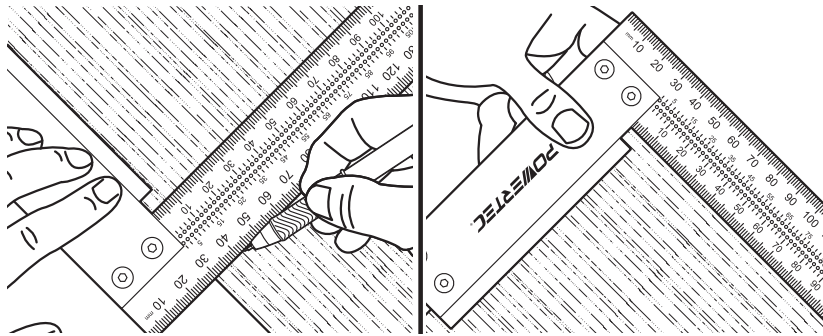
Metric

- 71534 Precision Square 200 mm Measurement Ruler for Measuring and Marking
- 71535 Precision Square 300 mm Measurement Ruler for Measuring and Marking



USE

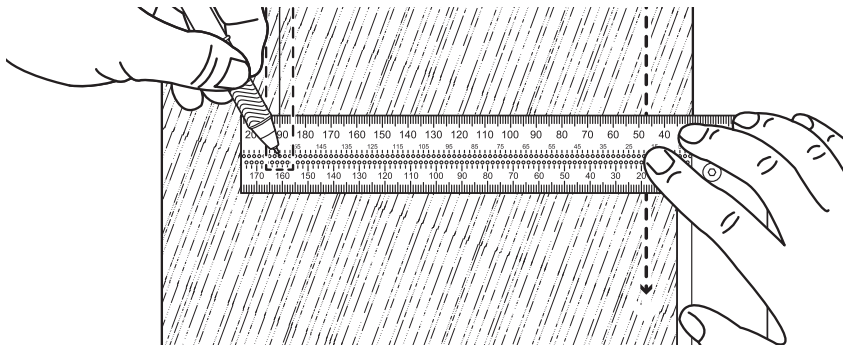
- The outside of square can be used as a butt square to verify 90° angles. Examples: building furniture, setting 90° on a table saw and checking 90° angles on other items.
- The inside of the square can be used to verify 90° on cuts or other square items.
- Place the handle against the edge of the workpiece to mark cut off work on wide stock.



Outside

Inside

- Imperial graduations are marked on the outside and inside in 1/32" increments. Metric graduations are marked on the outside and inside in 1 mm increments.
- Two rows of staged holes allow marking points or lines, see Figure 1 for more details.
 - Place the 0.5 mm pencil (supplied) into the required hole and mark or draw a line by sliding the square. Replacement lead for the 0.5 mm pencil can be purchased at a local office supply store.



RESET THE SQUARE

The square's blade is accurately machined from a single piece aluminum and the cast aluminum handle is machined and set to the blade. If dropped, the square may be knocked out of alignment.

To Reset

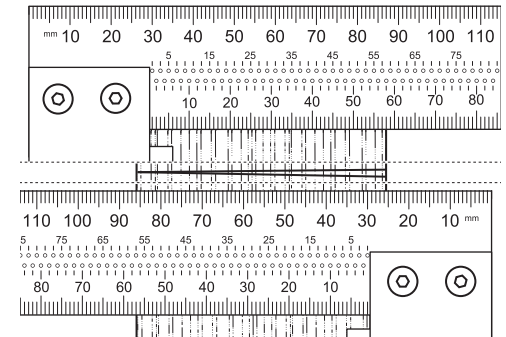
- Use the included hex wrench to loosen the four screws on the handle. Adjust and reset the handle.

To Test the Accuracy of the Square

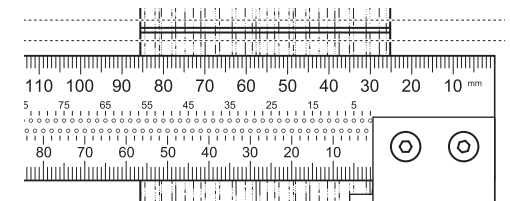
- Place the square against a known straight edge.
- Draw a line.
- Flip the square over and draw a second line on top of or very close to the first line.
- If the lines are parallel, the square is square. If the lines cross or move apart, the square is not square.
- Readjust the handle and test until the two lines are parallel.
- Tighten the four screws.

SQUARE CARE

Never use emery or sandpaper on the square. Wipe off the entire surface with a soft cloth.



Lines Moved Apart, need to adjust



Lines Parallel, no adjustment needed

Visit us on the web at www.powertecproducts.com



Put these instructions and the original sales invoice in a safe, dry place for future reference.

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Waukegan, IL 60087