

Jewelry Measuring & Layout Tools

MEASURING AND LAYOUT TOOLS

The most critical step in building anything, (whether it is a ring or a skyscraper) is the first step—layout. Everything that follows depends on the accuracy of measuring and layout that occurs before the first operation is even begun.

Ring sizers (A) — measure fingers in half-size increments.

Small machinist's square (B) — provides a guide for scribing lines on metal as well as for checking the flatness of surfaces, and accuracy of right angles.

Digital caliper (C) — measures thickness, inside distance, and depth. This model displays measurements in hundredths of a millimeter or thousandths of an inch.

Metric ruler (D) — used for measuring and layout.

Dividers (E) — used to lay out straight lines and circles and transfer measurements.

Machinist's protractor (F) — measures angles and provides a straight edge for layout.

Center punch (G) — struck by a hammer to make an indentation as a guide for drilling.

Scribe (H) — scratches layout lines onto metal.

Brass slide caliper (I) — useful caliper alternative. This model fits in your pocket. Be certain it has a vernier scale so that you can read tenths of a millimeter or sixteenths of an inch.

Dial caliper (J) — easy to read. This plastic model is highly functional.



Vernier caliper (K) — durable and accurate standard steel model.

Micrometer (L) — determines the thickness of wire and sheet.

Spring gauge (M) — measures the thickness of metal. It is especially useful where there is limited access.