

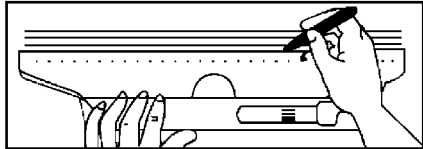


Rolling Parallel Ruler

TO DRAW PARALLEL LINES

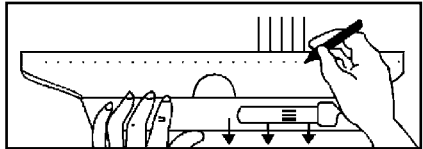
Draw Parallel Lines Horizontally

Holding ruler firmly in place as shown, draw line across top edge. Use inch or metric graduations in roller window to control distance between lines.



Draw Parallel Lines Vertically

Holding ruler as shown, place pencil in desired hole at front edge of ruler. Roll ruler required distance to draw line. Repeat as needed.

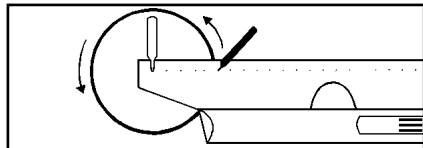


Draw Squares and Rectangles

Connect horizontal and vertical lines from steps 1 and 2.

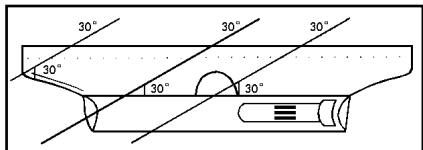
TO DRAW CIRCLES, CURVES AND ARCS

Place pencil in hole at either end of ruler to establish pivot point. Select radius distance desired and place second pencil in hole corresponding to desired radius. Move second pencil across paper to create circle, curve or arc.



TO DRAW ANGLES

Using open protractor slot in center of ruler, align 0-0 line with previously drawn horizontal line beneath. Mark pencil point through hole in center of 0-0 line. Without moving ruler, select desired angle from protractor graduations and mark second point through open semi-circular slot. Lift ruler and draw line to connect the two dots. Ruler can be rolled parallel to this line to create additional lines at the same angle.



TO DRAW 3-DIMENSIONAL SHAPES

Combine horizontal, vertical, and angled lines to create 3-dimensional shapes.