

## Duplicate or Miter Cuts Find Angle

### Miter Saw



Place one wing against the fence of your saw and the other along the edge of the table insert or blade to make a duplicate cut.



Line the center bar along the table insert or blade to make a miter cut.



For an outside miter cut you have the wing that is not against the fence pointing toward the back of the saw.

## The Center Bar is the Bisection of the Angle for the Miter Cut

### Table Saw



To make a duplicate cut with the table saw, find your angle and then place one wing against your miter gauge and line the other wing along the gauge bar.

To make a miter cut, line the angle wing against the miter gauge and the center bar of the *Quick Angle*® against the miter gauge bar.



### Hand Held Saw

Make a miter cut by placing the ledge wing against the edge of material and marking a line along the center bar edge. Move the other wing to the mark for the miter angle. Line blade to mark and use the *Quick Angle*® as a saw guide.



To make a duplicate cut, place the ledge wing against edge of material and mark other wing. Line blade to mark and use the *Quick Angle*® as a saw guide.

## Pitch

### Ridge Method



With the center bar pointing up, lower both wings to touch the roof on each side of the ridge. Read the pitch on the center bar.

### Under Ridge Pitch

Push the *Quick Angle*® to the center of the ridge peak.

1. Read the degrees on the scale side of the *Quick Angle*®.

2. Invert to the same degree on the upper end of the scale.

3. Turn over and read pitch.



### Horizontal Method



1. With the bottom wing level and the top wing against the soffit or rafter, read the pitch on the center bar.  
2. Place the bottom wing on the slope of the roof and level the top wing. Read the pitch on the center bar.

### Vertical Method



Place the *Quick Angle*® against the wall and open the wings to the bottom rafter. Read the pitch on the center bar.

## Amount of Material Needed for Project

1. Measure pitch using easiest method.

2. Multiply the length by the width of the roof, adding the extra length for the overhang.

3. Use this table and multiply the above figure by the number listed beside the pitch of your roof.

4/12 pitch = 1.054

5/12 pitch = 1.083

6/12 pitch = 1.118

7/12 pitch = 1.157

8/12 pitch = 1.202

9/12 pitch = 1.250

10/12 pitch = 1.302

11/12 pitch = 1.356

12/12 pitch = 1.414

## Compass



1. Insert pencil with ledge or marking guide up. Turn pin 90 degrees and push down thru hole. Lock pin by turning 180 degrees from storage position.

2. Find the measurement you need and center the measurement between the pencil point and the pin point. Lock the knob and draw your circle.

Measurements are the radius of a circle.

## Scribe

When the knob is locked into position the wings are not easily moved. This makes it simple to either mark a line or to use as a guide for the saw to follow.



## Center of a Circle



1. Enclose the wings around the circle. Put a mark in each of the oval holes in the center bar. With a straight edge draw a straight line from one point to the other. This is the first line.

2. Move the *Quick Angle*® to a different placement around the circle and follow step one. Where these two lines intersect is the center of your circle.

## Drill Press Jig/Guide



Need a jig/guide for your drill press? Just clamp the wings to the drill press table in the desired position (Spring clamps work great).

## Notches & Cutouts



1. Insert pencil with ledge side down. The measurements are taken from the pencil tip to the wing ledge. Lock the knob.



2. Place the *Quick Angle*® with the inside of the marking guide against the edge of the material you want to notch. Slide the *Quick Angle*® the length you need for your notch or cut-out.



3. Place the marking guide against the edge of your material and draw a line at the desired angle from your first line. This line will be one side of your cut-out. Repeat this process for the other side, making your notch whatever size you wish.

## Spacing



# Quick Angle®

Pat. # 6604294



## Quick Angle, Inc.

36875 Bachelor Flats Dr N  
Creston, WA 99117  
509-630-2418

Omega Tools  
#201-2663 Gloucester Way  
Langley B.C., V4W3S8  
Canada  
888-599-1803

[www.quickangle.com](http://www.quickangle.com)