BLADE LENGTH REFERENCE GUIDE

CUTTING EDGE SAWMILL
A practical way to measure blade length and estimate tooth count.

KNOW YOUR BLADE BEFORE YOU SEND IT
Record the blade length, width, tooth spacing/TPI, manufacturer, and number of blades. Accurate measurements help us identify the blade and service it correctly.

HOW WE MEASURE BLADE LENGTH & TOOTH COUNT

1	**Mark the blade at the weld** Use a paint pen to make a clear line at the weld, lined up with a tooth.
2	**Place the blade on the floor** Set the blade on a flat floor with the paint mark touching the floor.
3	**Make the starting floor mark** Make a line on the floor directly in line with the paint mark on the blade.
4	**Roll the blade one full turn** Carefully roll the blade along the floor until the paint mark comes back around.
5	**Make the ending floor mark** When the blade mark returns to the floor, make a second line on the floor.
6	**Measure between the floor marks** Measure the distance in inches between the two floor lines. This is the blade length.
7	**Calculate approximate tooth count** Convert tooth spacing to a decimal, then divide blade length by tooth spacing.

TOOTH COUNT FORMULA

Convert the tooth spacing to decimal form, then use:
Blade Length ÷ Tooth Spacing = Approximate Tooth Count

Example tooth spacing: **7/8 = 0.875**
Example: **144 ÷ 0.875 = 164.57**, or about **165 teeth**.

TIP: Measure tooth spacing carefully from one matching tooth point to the next for the most accurate estimate.

COMMON MISTAKES TO AVOID

- Paint mark is unclear or not aligned with a tooth.
- Measuring before the blade returns to the correct position.
- Using the wrong tooth spacing.
- Assuming all blades from the same manufacturer are the same length.

BLADE INFORMATION WORKSHEET

CUTTING EDGE SAWMILL
Keep this page near your mill or include it with your blade records.

MY SAWMILL BLADE INFORMATION

Mill Make / Model	_____
Blade Manufacturer	_____
Blade Length	_____
Blade Width	_____
Tooth Spacing / TPI	_____
Approx. Tooth Count	_____
Number of Blades	_____
Notes	_____

WHAT CUTTING EDGE NEEDS FROM YOU

- [ ] Blade length
- [ ] Blade width
- [ ] Tooth spacing / TPI
- [ ] Manufacturer
- [ ] Number of blades
- [ ] Any special notes or requests

QUICK CONVERSION REFERENCE

Fraction	Decimal
1/2	0.500
5/8	0.625
3/4	0.750
7/8	0.875
1	1.000

Formula:
Blade Length ÷ Tooth Spacing = Approximate Tooth Count

Example:
144 ÷ 0.875 = 164.57 ≈ 165 teeth

SAFETY NOTE: Bandsaw blades are sharp and springy. Wear cut-resistant gloves, keep control of the blade at all times, and use a clear, flat area when rolling or measuring.