Bandsaw Blade Length: Measure and Calculate Your Saw Loop

Bandsaw blade length for a 14-inch saw is 93.5 inches when 14-inch wheels sit about 24.75 inches apart, according to Sawdust Math reviewed October 20, 2026. That published size anchors replacement orders in our how we test routine when manuals are lost and old markings have worn past reading. Wheel diameter taken across the tire plus center distance taken with the tension adjuster at mid-travel feeds the standard loop calculation. A fitted loop rolled through one full revolution across the shop floor returns the same finished size directly, as Kenne-Saw described September 21, 2026.

How Is Bandsaw Blade Length Calculated From Wheel Size?

Bandsaw blade length equals twice the center distance plus pi times wheel diameter for matched wheels, giving 93.48 inches at 24.75-inch centers per Sawdust Math reviewed October 20, 2026. The average-diameter form covers mismatched wheels and adds only 0.04 inch for 14-inch with 12-inch wheels at 24.75-inch centers, according to Sawdust Math reviewed October 20, 2026. Set the tension adjuster at mid-travel before measuring centers, as Sawdust Math advised October 20, 2026, so stock sizes seat without running out of take-up. A 6-inch riser shifts the same 14-inch saw from a 93.5-inch loop to a 105-inch loop, according to Grizzly specs cited by Sawdust Math October 20, 2026.

Bandsaw Blade Length Roll Check Confirms Loop Size Before Ordering

Bandsaw blade length roll check returns the finished loop distance in one revolution, verified against a floor mark per Kenne-Saw published September 21, 2026.

1. Mark the weld and transfer a start line to the bench.
2. Stand the loop upright and roll it forward until the weld mark lands again.
3. Measure mark to mark across the floor for purchase size, as BandsawBladeCenter described in material consulted November 12, 2026.
4. Record width from back edge to tooth tip with thickness taken away from the tooth, as Kenne-Saw described September 21, 2026.

Loops that will store folded for months need coiling bandsaw blades handling to avoid kinks before the roll check.

Which Stock Bandsaw Blade Length Fits Common Saw Sizes?

Bandsaw blade length stock sizes span 59.5 inches to over 157 inches across saw classes, with 93.5 inches standard for 14-inch saws per Woodworking Advisor updated October 2, 2026. Stock sizes below come from Woodworking Advisor updated October 2, 2026.

Saw class | Typical bandsaw blade length

Benchtop saws | 59.5 to 72 inches
14-inch two-wheel saws | 93.5 inches

Mid-size stationary saws | 105 to 131 inches
Large resaw setups | 131 to over 157 inches

Width does not alter the loop because geometry sets length alone, as Sawdust Math noted October 20, 2026. Long resaw loops throw fine dust along the full blade path, so bandsaw dust control setup keeps tracking checks accurate.

Bandsaw Blade Length FAQ

What bandsaw blade length does my 14-inch saw need?

Your 14-inch saw likely needs a 93.5-inch loop when wheels measure 14 inches across, according to Sawdust Math reviewed October 20, 2026. Confirm centers near 24.75 inches at mid-travel before ordering stock, as Sawdust Math showed October 20, 2026.

How do I measure bandsaw blade length without the old blade?

Measure diameter plus centers at mid-travel and apply twice centers plus pi times diameter, as Sawdust Math showed October 20, 2026. That math gives 93.48 inches for 14-inch wheels at 24.75-inch centers per Sawdust Math reviewed October 20, 2026.

Does bandsaw blade length change with blade width?

No, bandsaw blade length stays fixed by wheel geometry while width only changes cut behavior, as Sawdust Math noted October 20, 2026. Buy narrow widths for curves with wide widths for resaw work in the same loop size.

What bandsaw blade length should I order when the math falls between sizes?

Order the nearest stock size to your calculated length and let mid-travel take up the slack, as Sawdust Math advised October 20, 2026. Three-wheel saws need a tape run around the path because the two-wheel math does not apply.