



How to choose a Band Saw Blade For wood

Chose correct Blade Pitch for the material to be cut

Blade Pitch (Teeth Per Inch) for Carbon Flexback & Hardback

Constant Pitch R = 0° angle H = Hook 10°	Minimum Material Thickness	Application
24 R	1/8"	Fine Finish, Thin Plastic, Sheet Metal
18 R	5/32"	Extra Fine Cut
14 R	1/4"	Fine Finish, low production
10 R	5/16"	Fine Finish, low production
8 R	3/8"	Fine Finish, low production
6 H	1/2"	General Purpose
4 H	3/4"	General Purpose Fast cutting
3 H	1"	Fast Production Cutting, Resawing
2 H	1-1/2" +	Resawing
1.3 H	4" +	Resawing
1.14 H	4" +	Resawing
1 H	4" +	Resawing

More TPI = slow, smooth cut. Few TPI = faster production, rough finish.

BLADE WIDTH FOR RADIUS CUTTING

Blade Width	Radius	
1"	7-1/4"	
3/4"	5-7/16"	
1/2"	2-1/2"	
3/8"	1-7/16"	
1/4"	5/8"	
3/16"	5/16"	
1/8"	1/8"	

Choose the Correct Blade Width

Use the widest blade possible for any job, even when cutting curves. Wider blades wander less, produce straighter cuts and smoother curves.

The limiting factor in blade width is the capacity of the saw guides, the size of the band wheels, and the ability of the saw to tension the blade.