

BLADE SELECTION

“Efficient Sawing” is the obvious goal for the owners and operators of every band saw machine. In many instances, however, it turns out to be an elusive goal.

EFFICIENT SAWING CAN ONLY BE ACHIEVED WHEN THE PROPER BLADE FOR THE APPLICATION IS SELECTED AND WHEN THAT BLADE IS USED CORRECTLY.

Here are the important questions to ask when helping your customers select blades or when making recommendations for proper operation:

SELECTING THE “RIGHT BLADE”	
Variable	Selection Guidelines
Blade Dimensions (Length, Width, Thickness)	There is no “standardization” of machines. With over 300 models available, exact blade dimensions must be determined. (See Pages 22 - 23) <i>For accurate dimensions see:</i> a) User Records b) Machine Manual
Blade Type (Carbon Hard Edge Flex Back, Carbon Hard Edge Hard Back, Bi-Metal Matrix, Bi-Metal M42)	The proper blade type can mean the difference between immediate failure and effective blade performance. The right blade type is determined by the following: a) Saw (Machine) b) Material to be Cut c) Amount of Cutting See “Blade Selection” Chart (Page 14)
Teeth Per Inch	Teeth per inch is determined primarily by the dimensions of the material to be cut and to a lesser degree by the type of material. See the “tooth selection” guide for quick tooth selection (Pages 15 - 17).

When ordering blades, specify blade length (in inches or feet and inches), blade width, blade thickness, type of blade (HEF, HB, Bi-metal Matrix or Bi-metal M42), number of teeth per inch (TPI) and tooth style or form (hook, skip, raker or variable pitch).

When ordering coil stock, specify above information and indicate length of coil (100', 250' or 500').