



SELECTING BI-METAL BAND SAW BLADES

The following information needs to be specified when a band saw blade is ordered:

PRODUCT NAME LENGTH X WIDTH X THICKNESS TEETH PER INCH

For Example: *Contestor GT*[®] 16' x 1-1/4" x .042" 3/4 TPI

STEP #1: ANALYZE THE SAWING APPLICATION

Machine: Determine the band size for the machine (Length x Width x Thickness).

Material: Determine the following for the material to be cut:

- Material Type/Grade
- Size
- Shape
- Will material be stacked/bundled, or cut one at a time?

Operation: Is this a production, or general purpose sawing operation?

STEP #2: DETERMINE THE BEST PRODUCT FOR THE APPLICATION

Use the charts below.

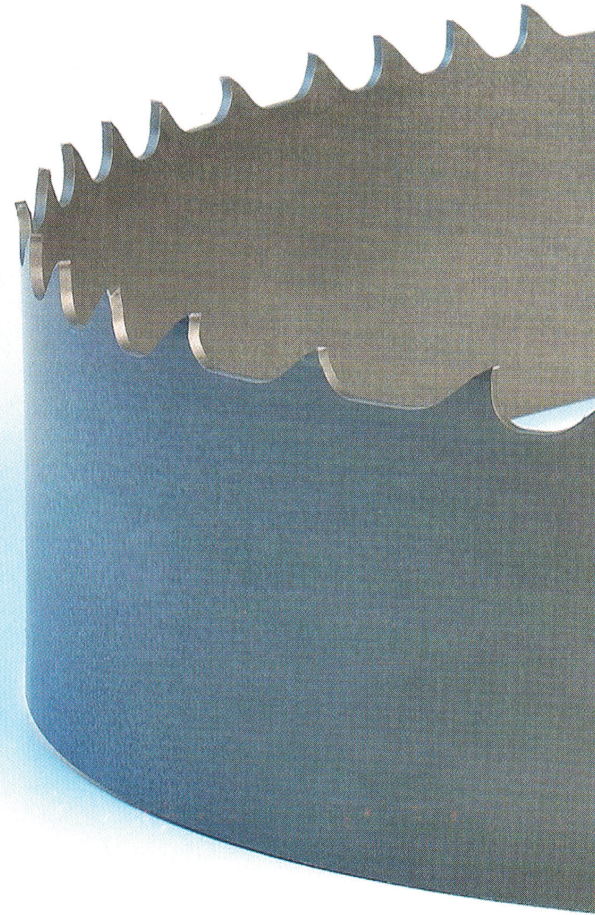
- Locate the type of material to be cut in the top row.
- Read down the chart to find which blade is recommended.

STEP #3: DETERMINE THE PROPER NUMBER OF TEETH PER INCH (TPI)

- Use the Bi-metal Tooth Selection chart on page 25.

STEP #4: CONFIRM THE DESIRED PRODUCT IS AVAILABLE

- Go to the product page for the product you have selected.
- Confirm that product is available in the correct blade width and TPI.



FOR ASSISTANCE, CONTACT LENOX TECHNICAL SUPPORT 800-642-0010.

PRODUCTION SAWING

ALUMINUM NON-FERROUS	CARBON STEELS	STRUCTURAL STEELS	ALLOY STEELS	BEARING STEELS	MOLD STEELS	TOOL STEELS	STAINLESS STEELS	TITANIUM ALLOYS	NICKEL-BASED ALLOYS (INCONEL [®])
EASY ←			MACHINABILITY				→ DIFFICULT		
<i>Qxp</i> [™]		<i>Qxp</i> Long Life. Fast Cutting					<i>CONTESTOR GT</i> [®] Long Life. Straight Cuts		
<i>ARMOR Rx</i> ^{®+} Long Life. Structurals/Bundles									
<i>LENOX Rx</i> ^{®+} Structurals/Bundles									
<i>CLASSIC PRO</i> [™] Long Life. Extremely Versatile				<i>CLASSIC PRO</i>					

GENERAL PURPOSE

<i>LENOX CLASSIC</i> [®] 3/4" and Wider Blades	<i>LENOX CLASSIC</i>
<i>DIEMASTER 2</i> [®] 1/2" and Narrower Blades	<i>DIEMASTER 2</i>

Note: We can provide solutions for many cutting applications not listed here. Please call LENOX Technical Support at 800-642-0010, or go to sawcalc.com.