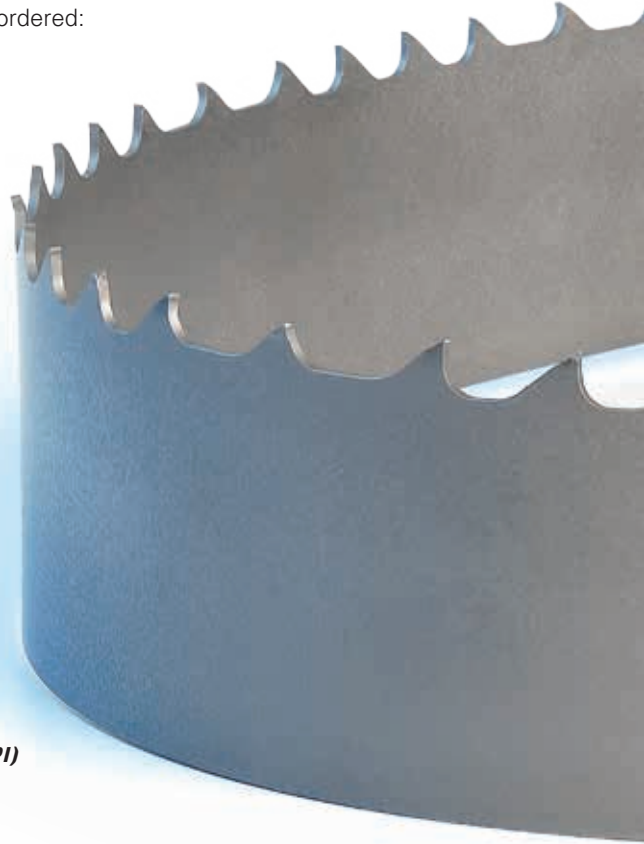


SELECTING BI-METAL BAND SAW BLADES

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*® 6800mm x 34mm x 1.07mm x 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.

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> ® & <i>CONTESTOR XL</i> ™ Long Life. Straight Cuts		
<i>ARMOR</i> ® <i>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> ® 19mm and Wider Blades	<i>LENOX CLASSIC</i>
<i>DIEMASTER 2</i> ® 12.7mm and Narrower Blades	<i>DIEMASTER 2</i>

Note: We can provide solutions for many cutting applications not listed here.
Please contact LENOX Technical support or go to sawcalc.com for more information