

MATRIX II BI-METAL BLADES

General purpose blades ideal for cutting materials with easy to moderate machinability. Matrix II bi-metal band saw blades offer good value in maintenance shops and small fabricating shops.

Applications:

- Interrupted cuts: pipe, tubing, angle iron, channel
- Cutting applications: single piece, bundles, stacked pieces
- Materials: carbon steels, structural steels - A36

Features:

- For small and medium size band saws
- Variable pitch teeth can handle a wide range of application sizes
- Good general purpose metal cutting

Benefits:

- Reduced sawing harmonics for quieter, reduced vibration cuts
- Moderate cost-per-blade low cost-per-cut



VARIABLE PITCH-POSITIVE RAKE

WIDTH X THICKNESS		TEETH PER INCH		
INCHES	METRIC (mm)	2/3	3/4	4/6
VARIABLE				
3/4 x .035	19 x .90		▼	▼
1 x .035	27 x .90		▼	▼
1-1/4 x .042	34 x 1.07		▼	▼
1-1/2 x .050	41 x 1.27	▼	▼	▼

▼ Heavy Set

VARIABLE PITCH - 0° RAKE

WIDTH X THICKNESS		TEETH PER INCH						
INCHES	METRIC (mm)	4/6	5/8	6/10	8/12	10/14	14/18	20/24
VARIABLE								
1/4 x .025	6.4 x .64					▼		
3/8 x .025	9.5 x .64					▼		
1/2 x .020	12.7 x .50					▼		▼
1/2 x .025	12.7 x .64					▼		
1/2 x .035	12.7 x .90			▼		▼		
5/8 x .035	16 x .90		▼	▼		▼		
3/4 x .035	19 x .90		▼	▼	▼	▼		
1 x .035	27 x .90	▼	▼	▼	▼	▼		
1-1/4 x .042	34 x 1.07		▼	▼	▼			
1-1/2 x .050	41 x 1.27		▼					

Variable Pitch teeth can handle a wider range of application sizes and reduce sawing harmonics for quieter, reduced vibration cutting.

SPECIFICATIONS - STRAIGHT PITCH

WIDTH X THICKNESS		TEETH PER INCH												
INCHES	METRIC (mm)	6	8	10	12	14	18	14	18	24	1.14	3	4	6
RAKER WAVY HOOK														
1/4 x .025	6.4 x .64			▼		▼								▼
3/8 x .025	9.5 x .64		▼	▼		▼							▼	
1/2 x .020	12.7 x .50			▼			▼	▼	▼					
1/2 x .025	12.7 x .64	▼		▼		▼	▼						▼	▼
1/2 x .035	12.7 x .90													▼
3/4 x .035	19 x .90	▼	▼	▼	▼	▼							▼	
1 x .035	27 x .90	▼	▼	▼		▼							▼	
1-1/4 x .042	34 x 1.07	▼										▼		

Straight Pitch teeth are most often used when the cross sectional size range is consistent.