

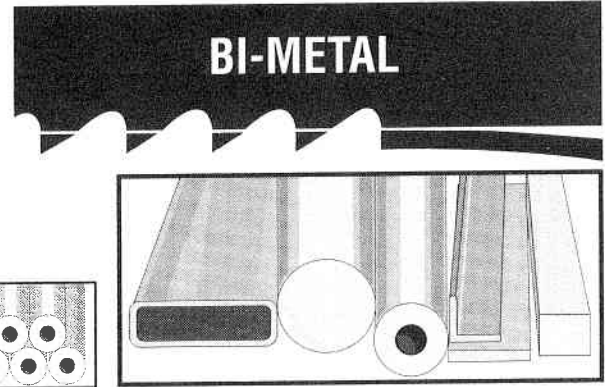
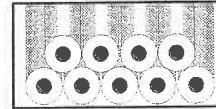
BI-METAL - MATRIX II (BIM-MTX)

USAGE GUIDELINES

A general purpose bi-metal blade for efficient production and non-production cutting of various materials with easy to moderate machinability. Will handle a wide range of applications from solids and shapes to tubing and structural materials. Best choice for production cutting of bundled or stacked pieces.

CUTS:

Alloy steels, carbon steels, tool steels, stainless steels, air hardening die steels.



BI-METAL MATRIX II (BIM-MTX)		
FEATURES	ADVANTAGES	BENEFITS
<ul style="list-style-type: none"> • Alloy Steel Backing • Matrix II High Speed Steel Edge (8% Cobalt) • Electron Beam Welded • Tooth Hardness Rc 66-68 	<ul style="list-style-type: none"> • Shock Resistant Alloy Prevents Tooth Chippage • Withstands Greater Temperature than Carbon Blades 	<ul style="list-style-type: none"> • Long Life • Best Combination of Cutting Performance and Fatigue Life
<ul style="list-style-type: none"> • Positive Rake Tooth 	<ul style="list-style-type: none"> • Increased Tooth Penetration 	<ul style="list-style-type: none"> • Faster Cutting Rates • Increased Productivity

SPECIFICATIONS

Width x Thickness		TEETH PER INCH					
		Standard Tooth Raker Set	Wavy Set	Variable Pitch	Variable Pitch Positive Rake	Hook Tooth	
Inches	Millimeters						
1/4	x .025	6.4 x .64	10, 14		10/14		6
3/8	x .025	9.5 x .64	8, 10, 14		10/14		4
1/2	x .020	12.7 x .50	10	14, 18, 24	10/14, 14/18, 20/24		
1/2	x .025	12.7 x .64	6, 10, 14, 18		6/10, 8/12, 10/14, 14/18		3, 4
5/8	x .035	16.0 x .90	10, 14		5/8, 6/10, 10/14		
3/4	x .035	19.0 x .90	6, 8, 10, 12, 14		5/8, 6/10, 8/12, 10/14	4/6	3
1	x .035	27.0 x .90	4, 6, 8, 10, 14		3/4, 4/6, 5/8, 6/10, 8/12, 10/14	3/4, 4/6	3
1 1/4	x .042	34.0 x 1.07	4, 6		3/4, 4/6, 5/8, 6/10, 8/12	3/4, 4/6	2, 3
1 1/2	x .050	41.0 x 1.27			2/3, 3/4, 4/6, 5/8	2/3, 3/4, 4/6	

■ Bi-metal bands marked 1", 1-1/4", and 1-1/2" are oversized to fit both U. S. and metric saws.	Description	
	Nominal Size	Actual Size
	1"	1.083"
	1-1/4"	1.360"
	1-1/2"	1.635"