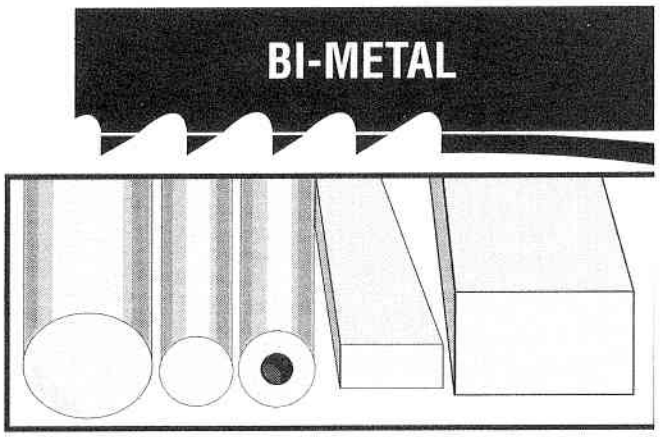
BI-METAL - M42 - (BIM-M42)

USAGE GUIDELINES

The blade to specify for the toughest production and non-production cutting jobs in controlled cutting conditions. Superior resistance to heat and wear allows efficient cutting in solids with moderate to difficult machinability.



NOT recommended for structural materials, stacked or bundled materials or for machines in poor working condition.

CUTS:

"Super" alloys, tool steels, inconel, waspalloy, hastelloy, "D" grade steels, stainless steels, etc.

BI-METAL M42 COBALT (BIM - M42)		
FEATURES	**ADVANTAGES**	**BENEFITS**
• Alloy Steel Backing • M42 High Speed Steel Cutting Edge (8% Cobalt) • Electron Beam Welded • Tooth Hardness Rc 67-69	• High Heat Resistance • High Wear Resistance	• Long Life on Difficult to Cut Materials • Less Blade Changes
• Positive Rake Tooth	• Increased Tooth Penetration	• Faster Cutting Rates • Increased Productivity

SPECIFICATIONS

Width x Thickness		TEETH PER INCH			
Inches	Millimeters	Standard Tooth Raker Set	Variable Pitch Regular	Variable Pitch Positive Rake	Hook Tooth
⅜" x .035	9.5 x .90				4
¾" x .035	19.0 x .90		6/10	4/6	
■1" x .035	27.0 x .90	4, 6, 8	5/8, 6/10	2/3, 3/4, 4/6	3, 4
■1¼" x .042	34.0 x 1.07	4, 6	5/8	2/3, 3/4, 4/6	3, 4
■1½" x .050	41.0 x 1.27	4	5/8	2/3, 3/4, 4/6	
■2" x .050	54 x 1.27			2/3, 3/4	
■2" x .063	54 x 1.60			1.4/2.5, 2/3, 3/4	1.3

■ Bi-metal bands marked 1", 1-1/4", 1-1/2", and 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"
2"	2.125"