

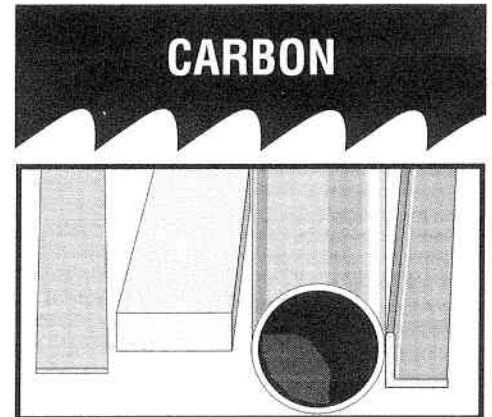
# CARBON - HARD EDGE - HARD BACK (HB)

## USAGE GUIDELINES

Used for light to medium production and non-production work on small to mid-sized machines or heavier production on easier to machine materials. Hardened blades provide more support than flexible back blades for straighter, faster cutting in similar materials, with additional applications in some low alloy steels. May also be used in contour machines at speeds under 3000 sfpm. Maximum operating speed should not exceed 4000 sfpm.

## CUTS:

Wood, plastic, cork, fiberglass, graphite, aluminum, brass, bronze, cast iron, copper, lead, zinc, mild steel, etc.



## CARBON HARD EDGE HARD BACK (HB)

FEATURES	ADVANTAGES	BENEFITS
<ul style="list-style-type: none"> <li>• One Piece Construction</li> <li>• Back Hardness Rc 42-48</li> <li>• Tooth Hardness Rc 64-67</li> </ul>	<ul style="list-style-type: none"> <li>• Heavier Feed Pressure And Greater Blade Tension Than HEF</li> <li>• Resists Scoring</li> <li>• Good Wear Resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Fast Cutting Rate</li> <li>• Straight Cuts</li> <li>• Long Life</li> </ul>

## SPECIFICATIONS

Width x Thickness		TEETH PER INCH			
		Standard Tooth Raker Set	Standard Tooth Wavy Set	Skip Tooth	Hook Tooth
Inches	Millimeters				
3/16 x .025	4.8 x .64	10, 14, 18		4	
1/4 x .025	6.4 x .64	10, 14, 18, 24	32	4, 6	4, 6
3/8 x .025	9.5 x .64	8, 10, 14, 18	18	3, 4	3, 4, 6
1/2 x .020	12.7 x .50	14, 24	24		
1/2 x .025	12.7 x .64	6, 10, 14, 18, 24	10, 14, 18, 24	3, 4	3, 4, 6
5/8 x .032	16.0 x .80	8, 10, 14, 18	14		4, 6
3/4 x .032	19.0 x .80	6, 8, 10, 12, 14, 18	8, 10, 12, 14, 18	3, 4	2, 3, 6
1 x .035	25.4 x .90	6, 8, 10, 14	10	3	1.3, 2, 3, 4
1 1/4 x .035	32.0 x .90				1.3
1 1/4 x .042	32.0 x 1.07				1.3