



LENOX 

VERSA PRO™

**Versatile Carbide Tipped Blade
for General Purpose Cutting**



General Purpose Customer – Who is this?

» Characteristics

- Variety of Applications
 - Different size materials
 - Different material grades
 - Variety of saws (not always the best)
- Looking for Productivity
 - Life is very important, most of the time more important than speed
 - Want advantages of carbide – speed and life
 - Price can be of concern, but not most important



» Examples of Types of Customers

- Steel Service Centers
- Machine Shops

Users Want One Blade for All Applications



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■ Long Blade Life In A Variety of Metals

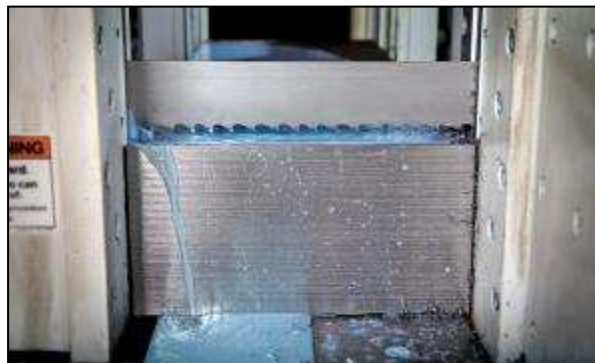
- Proprietary grade of tungsten carbide tips with increased toughness retain a sharp cutting edge
- Multi-chip tooth design balances chip load and reduces cutting forces

■ Easy to Run With No Break-In*

- Pre-honed cutting edge minimizes tooth chipping and eliminates the need to break-in the blade*

■ Outstanding Part Finish

- Precision ground carbide tips have clean, sharp edges that deliver smoother parts



*Utilization of break-in for pieces larger than 10" (254mm)

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Long Blade Life



» Carbide Grade

- Proprietary grade of carbide with increased toughness wears slower and resists chipping delivering longer blade life

» Multi-Chip Tooth Pattern, Optimized Rake Angle

- 3 tooth multi-chip tooth design to balance chip load
- 8 degree rake angle for easy penetration and balanced wear

Versatile, Easy to Run



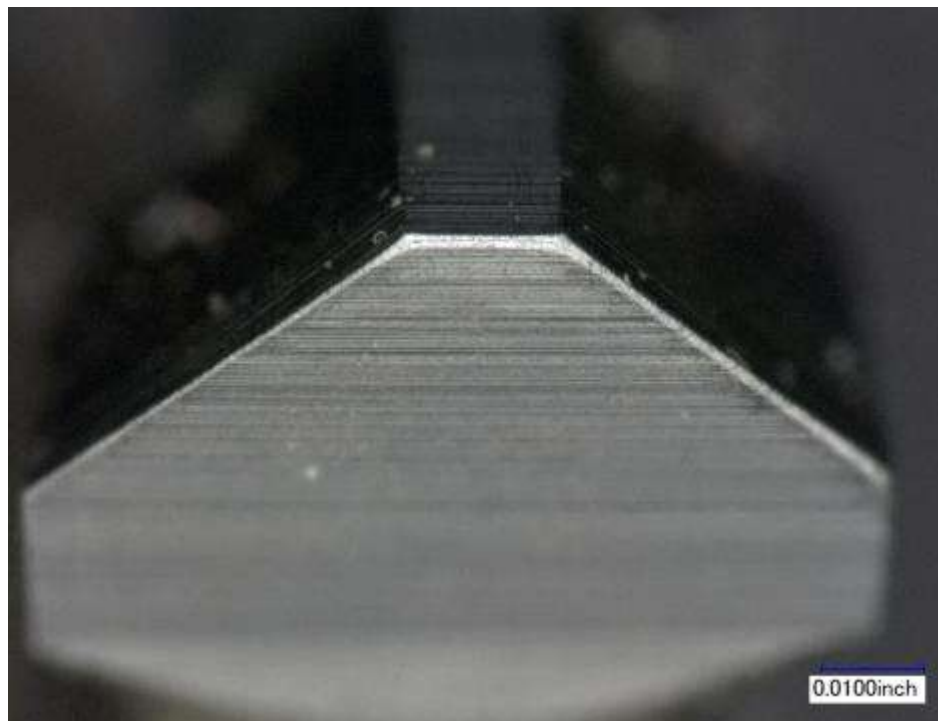
» Honed Tooth Edge

- Advanced edge preparation eliminates “break-in”*
- Enables blade to perform well at varied running parameters across many materials

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*Utilization of break-in for pieces larger than 10" (254mm)

Surface Finish



» Grind Improvements

- Improved surface grind and edge condition lead to improved part finish and quiet cutting
- HONEX Technology improves surface finish

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VERSA PRO™ Specs

» 13 SKUs available

Width x Thickness						
IN	MM	0.9/1.1	1.0/1.4	1.4/2.0	2/3	3/4
1-1/4" x .042	34 x 1.07			✓	✓	✓
1-1/2" x .050	41 x 1.27			✓	✓	
2" x .063	54 x 1.60	✓	✓	✓	✓	
2-5/8" x .063	67 x 1.60	✓	✓	✓		
3" x .063	80 x 1.60	✓				



- » Carbon Steels
- » Alloy Steels
- » Stainless Steels
- » Tool Steels
- » Titanium Alloys
- » Nickel Alloys

Transition – TRI-MASTER to VERSA PRO

Current Specification	Transition to New Specification
TM 1-1/4" x 042 (34 x 1.07) x 1.5/2.3	VP 1-1/4" x 042 x (34 x 1.07) x 1.4/2.0
TM 1-1/2" x 050 (41 x 1.27) x 1.2/1.8	VP 1-1/2" x 050 (41 x 1.27) x 1.4/2.0
TM 1-1/2" x 050 (41 x 1.27) x 3	TM 1-1/2" x 050 (41 x 1.27) x 2/3 or 3/4
TM 2" x 063 (54 x 1.60) x 1.2/1.8	VP 2" x 063 (54 x 1.60) x 1.0/1.4 or 1.4/2.0
TM 2" x 063 (54 x 1.60) x 2/3	VP 2" x 063 x (54 x 1.60) x 2/3
TM 2-5/8" x 063 (67 x 1.60) x 1.2/1.8	VP 2-5/8" x 063 (67 x 1.60) x 1.0/1.4 or 1.4/2.0
TM 3" x 063 (80 x 1.60) x 1.2/1.8	VP 3" x 063 (80 x 1.60) x 0.9/1.1

- » **Overlap (Duplicate) Specifications of TRI-MASTER and LENOX VERSA PRO :**
- 1-1/4" x 042 (34 x 1.07) x 2/3 and 3/4T
 - 1-1/2" x 050 (41 x 1.27) x 2/3

Carbide Recommendation

	TRI-MASTER	VERSA PRO	MAX CT	TRI-TECH
Main Materials	Wood, Aluminum, Non-Ferrous	Mix, Carbon, Alloy, SS, Tool Steel, Titanium	SS, Tool Steel, Nickel Alloys, Titanium	Mix, Carbon, Alloy, SS, Tool Steel, Nickel, Titanium
Cutting Rates		✓	✓	
Surface Finish Req.	✓	✓	✓	
Pinching Req.				✓
Poor Machine Condition				✓
Band Widths	3/8" - 1-1/2" (9.5mm - 41mm)	1-1/4" - 3" (34mm - 80mm)	1-1/4" - 3" (34mm - 80mm)	1-1/4" - 3" (34mm - 80mm)
General Comments	Narrow widths, Wood & NF	General Purpose Multi-chip	Difficult to cut Multi-chip	General Purpose Set Style