

November, 2025

Dear Valued Partners,

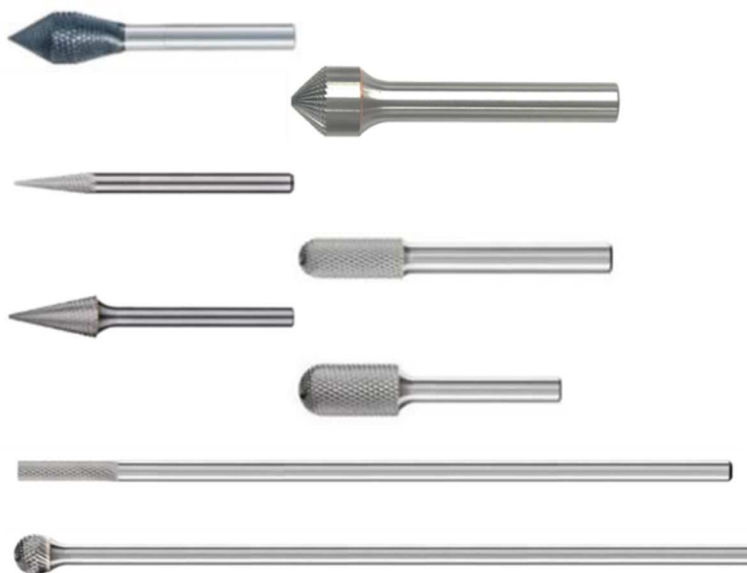
MINITOR CO., LTD.
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Subject: Release of New Product

Suggestion: Expanded Lineup – “MICRO CUT” Carbide Cutter Series

We are pleased to announce that 22 new items will be added to our popular tungsten carbide cutter series, “MICRO CUT,” effective Monday, December 1, 2025.

This expansion allows the series to cover an even broader range of applications and machining needs, helping customers select the ideal tool for their specific work environment and requirements.



<Release Date>

Monday, December 1, 2025

【Contact Us】

MINITOR CO., LTD.

Email: minitor-info@minitor.co.jp

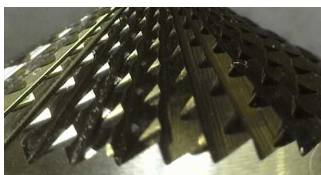
New Product Lineup List

Cut Type Images

MICRO CUT



MICRO CHAMFER CUT



MICRO CUT VARIANT-SHAPE



※ Sold Individually

Product CD	商品画像	Cut Type	Max. Allowable Rotation Speed	Dimension (mm)			
				Shaft diameter	Blade part size	Total length	Angle
BC2551		MICRO CUT	80000 r.p.m	φ3	φ3×11	41	14°
BC2552		MICRO CUT	40000 r.p.m	φ3	φ6×13	43	25°
BC4241		MICRO CHAMFER CUT	32000 r.p.m	φ6	φ6×3	51	90°
BC4242		MICRO CHAMFER CUT	19000 r.p.m	φ6	φ10×5	56	90°
BC4243		MICRO CHAMFER CUT	15000 r.p.m	φ6	φ12.7×6	56	90°
BC4244		MICRO CHAMFER CUT	12000 r.p.m	φ6	φ16×8	59	90°
BC4251		MICRO CHAMFER CUT	15000 r.p.m	φ6	φ12.7×3	53	120°
BC4252		MICRO CHAMFER CUT	12000 r.p.m	φ6	φ16×4	56	120°
BC5231		MICRO CUT	40000 r.p.m	φ6	φ6×16	55	-
BC5232		MICRO CUT	30000 r.p.m	φ6	φ8×20	60	-
BC5233		MICRO CUT	24000 r.p.m	φ6	φ10×20	60	-
BC5234		MICRO CUT	20000 r.p.m	φ6	φ12×25	65	-
BC5241		MICRO CUT	40000 r.p.m	φ6	φ6×18	55	-
BC5242		MICRO CUT	30000 r.p.m	φ6	φ8×20	60	-
BC5243		MICRO CUT	24000 r.p.m	φ6	φ10×20	60	-
BC5244		MICRO CUT	20000 r.p.m	φ6	φ12×25	65	-
BC5501		MICRO CUT VARIANT-SHAPE	40000 r.p.m	φ3	φ6×13	43	60° Bottom Side 30°
BC5502		MICRO CUT VARIANT-SHAPE	20000 r.p.m	φ6	φ12×25	65	60° Bottom Side 30°
BC6051		MICRO CUT	12500 r.p.m	φ3	φ3×13	100	-
BC6052		MICRO CUT	12500 r.p.m	φ3	φ6×13	103	-
BC6053		MICRO CUT	12500 r.p.m	φ3	φ3	100	-
BC6054		MICRO CUT	12500 r.p.m	φ3	φ6	95	-

Featured Product Introduction

■ Micro Chamfer Cut

- A Micro Cut specially developed for chamfering applications.
- Its precisely engineered cutting edges, unattainable with conventional carbide rotary burrs for chamfering, deliver smooth, refined surface finishes.
- Delivers excellent operability and stable cutting performance.



■ Micro Cut – Long Shank Type

- In response to customer demand, we are introducing a new long-shank version.
- This long-shaft carbide cutter provides stable cutting performance with minimal bounce, even in cross holes.
- Ideal for machining recessed areas and deburring deep holes, expanding the range of possible applications.



■ Micro Cut – Variant-Shape Type

- Newly designed Micro Cut usable at three positions: tip, middle and root.
- Combines cutting, chamfering, deburring, and back-side deburring in a single tool—tasks that previously required multiple tools.
- Reduces tool changeovers, helping to shorten overall processing time.
- Features Micro Cut technology for consistently stable cutting and exceptional surface quality.

