



A BRAND AE-LNBD-N

DLC Coated End Mills for Non-Ferrous Materials

Excellent Welding Resistance and Lubricity in Aluminum

PRIMARY TARGETS

- Customers who are milling non-ferrous material.
- Aluminum Mold customers.

SOLUTIONS

- Milling by point enabled by teardrop-shaped outer periphery.
- Excellent surface quality and precision due to tight radius tolerance and DLC-IGUSS coating.

WHAT OUR CUSTOMERS SEE

- Higher MRR and longer tool life.
- High quality surface finish and precision.

HOW DOES IT WORK?

Tight Radius Tolerance

- High precision finishing and excellent surface quality.

DLC-IGUSS Coating

- Extreme wear resistance while maintaining a high level of machining accuracy.

Teardrop-shaped Outer Periphery

- Strong back taper geometry enables milling by point, which prevents chattering and chipping.



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A Brand AE-LNBD-N

Advanced Performance Long Neck, Ball Nose End Mills for Non-Ferrous Materials

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The AE-LNBD-N high performance DLC coated carbide end mill for non-ferrous materials is suitable for a wide variety of applications with high efficiency and quality. Its DLC-IGUSS coating further improves tool life with excellent welding resistance and lubricity, which is effective in the machining of non-ferrous materials such as aluminum alloys.



Features & Benefits

- **Teardrop-Shaped Outer Periphery** prevents chattering & chipping.
- **Precise Ball Specifications** enable high quality milling.
- **Strong Back Taper Geometry** enables milling by point resulting in improvement of surface accuracy.

List Numbers

8990 - A Brand AE-LNBD-N (Metric)

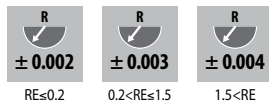
Size Range

0.1mm-6mm

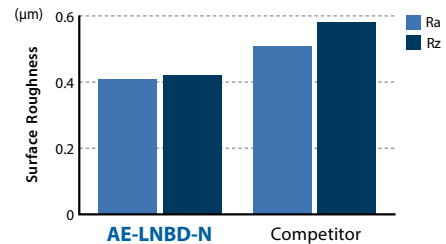
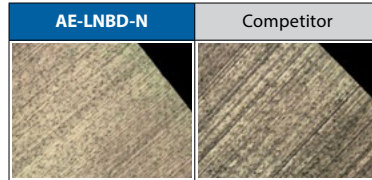
High Quality Milling

Precise Ball Specifications the Enable High Quality Milling

- Optimal cutting edge shape for milling copper alloy
- Superior Ball R Precision



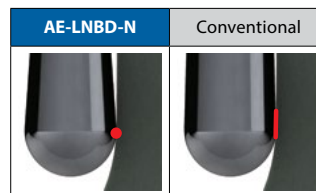
- High Quality Primary Relief Surface



Superior Surface Accuracy

Teardrop-Shaped Outer Periphery Prevents Chattering & Chipping

Strong back taper geometry enables milling by point, which prevents chattering and chipping, resulting in improvement of surface accuracy.



Note: Teardrop-shaped specification does not apply to items above R2.

Superior Shank Accuracy

Supports H4 Tolerance (0/-0.004)



For more information use your phone to scan the QR code to the right and visit: osgtool.com/ae-lnbd-n



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