



# A BRAND AE-VMFE

Advanced Performance Anti-Vibration Reduced Shank Carbide End Mills

**Highly Efficient Deep Side Milling**

## PRIMARY TARGETS

- Customers milling deep walls.
- Depth up to  $L/D = 8D$ .

## SOLUTIONS

- High efficient deep side milling with large step down.
- Available to use with different over hang, up to  $8D$ .

## WHAT OUR CUSTOMERS SEE

- Less chattering + less deflection in deep side milling.

## HOW DOES IT WORK?

### Variable & Sharp Geometry

- Reduction of Chatter and Good Chip Formation.

### Micro-Relief on Cutting Edge

- Add Stability for Long Wall Applications.

### Reduced shank type

- No interference, no chip packing between shank and wall.



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OSG USA, Inc. : 800-837-2223

OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : (52) 477 478-02-00

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Advanced Performance Anti-Vibration Reduced Shank Carbide End Mills



## A Brand AE-VMFE

The A Brand AE-VMFE for deep side milling is an anti-vibration carbide end mill series engineered to excel in a wide range of materials including carbon steel, alloy steel, stainless steel, titanium alloys and Ni-based alloys. With the AE-VMFE deep side milling at L/D of 5D or more can be machined with high efficiency and high accuracy by large step milling up to 2D with its 2.5D cutting length configuration.



## Features & Benefits

- **Suppressed Chattering up to L/D of 8** with variable lead, unequal teeth spacing and micro-relief geometry.
- **2.5D Cutting Length** for highly efficient deep side milling is possible.
- **Suppresses Streak Generation** with R-shape on the shank side edge.

## List Numbers

8245 - A Brand AE-VMFE (Metric)  
8246 - A Brand AE-CR-VMFE (Metric)

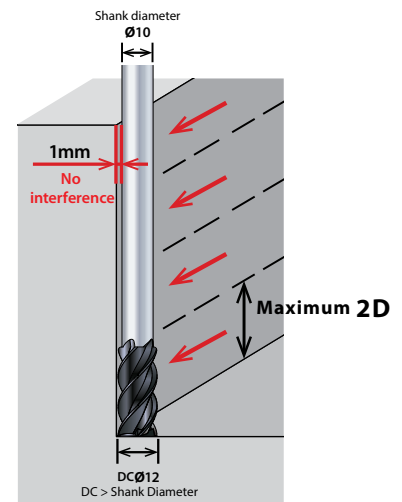
## Size Range

6mm-12mm  
6mm-12mm

## Highly Efficient Deep Side Milling

### 2.5D Cutting Length

Highly efficient deep side milling is possible with large step milling of up to 2xD\*.  
\*The recommended depth of cut varies depending on the overhang length.



## Long Length Reduced Shank Type

### Supports Various Machining Depths

Reduced shank types are tools with an outer diameter that is larger than the shank diameter.

- Supports deep side milling and pocket milling of mold parts, etc.
- Supports various machining depth by changing the overhang length.

## Reduced Streak Generation

### R Shape on the Shank Side Edge

The R Shape on the shank side edge suppresses streak generation by side step milling.



For more information use your phone to scan the QR code to the right and visit: [osgtool.com/a-brand-ae-vm](http://osgtool.com/a-brand-ae-vm)



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