



A BRAND® AE-VM

Advanced Performance Anti-Vibration Carbide End Mills

Chatter-Free End Mills for High Machining Productivity

PRIMARY TARGETS

- Reduces Vibration During Roughing and Finishing Operations
- Burr Free Machining & Long Wall Machining

SOLUTIONS

- Produces Burr Free Parts at High Efficiencies
- **One Shot Wall Finishing** with High Accuracy and Efficiency

Scan or
Click to
Research
it Online!



WHAT OUR CUSTOMERS SEE

- MRR Doubled Using this Tool!
- Chatter & Vibration were ELIMINATED!

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

Nicked Edge Option

- Breaks Chips into Manageable Shapes

Scan or
Click to
Watch it
in Action!



A Brand® AE-VM

Advanced Performance Anti-Vibration Carbide End Mills

A Brand® AE-VM

The AE-VM end mills bring you the new standard for milling. Variable lead geometry suppresses vibration and enables stable and high efficiency milling. Along with its substrate of micrograin carbide, it also comes with OSG's newest multi-layer DUARISE coating for superior surface quality. With a full offering including square, corner radius, and long reach, it is sure to cover all your needs.



Features & Benefits

- **OSG's DUARISE coating** provides excellent lubricity, superior friction-resistance and high oxidation temperature. Multi-layered construction minimizes thermal cracks.
- **New flute form**, with high tool rigidity and excellent chip evacuation properties, enables stable milling and the suppression of burrs.
- **Positive rake angle** reduces cutting forces.

List Numbers

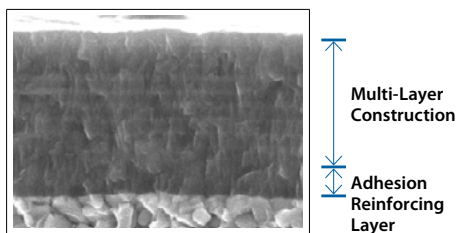
| | |
|---|-----------|
| 8200 - A Brand® AE-VMS (Inch) | 5/64"-1" |
| 8205 - A Brand® AE-VMS (Metric) | 3mm-25mm |
| 8210 - A Brand® AE-CR-VMS (Inch, CR) | 3/16"-1" |
| 8215 - A Brand® AE-CR-VMS (Metric, CR) | 3mm-12mm |
| 8220 - A Brand® AE-LN-CR-VMS (Inch, CR, LN) | 1/4"-1" |
| 8206 - A Brand® AE-VMSS (Metric) | 3mm-12mm |
| 8230 - A Brand® AE-LN-VMSS (Inch, LN) | 1/4"-1" |
| 8235 - A Brand® AE-LN-VMSS (Metric, LN) | 6mm-12mm |
| 8201 - A Brand® AE-VML (Inch) | 1/4"-1/2" |
| 8207 - A Brand® AE-VML (Metric) | 6mm-12mm |
| 8202 - A Brand® AE-NIK-VML (Inch, Nicked) | 1/4"-1/2" |
| 8208 - A Brand® AE-NIK-VML (Metric, Nicked) | 6mm-12mm |

Size Range

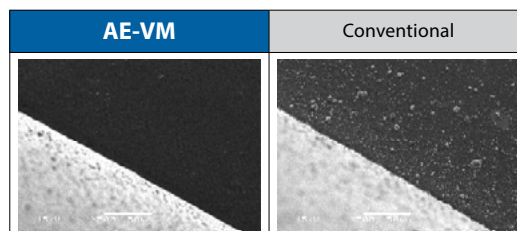
DUARISE Coating

Superior Surface Quality

OSG's DUARISE coating provides excellent lubricity, superior friction-resistance, and high oxidation temperature. Multi-layer construction minimizes the thermal cracks that often occur when using water-soluble oil.



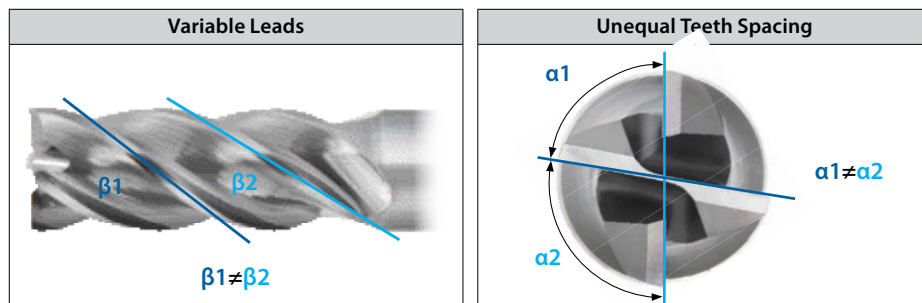
DUARISE Coating Provides Excellent Surface Finish



Vibration Suppression

Stable, High Efficiency Milling

Unequal spacing of teeth and variable-lead geometry enables stable and high efficiency milling.



osgtool.com

OSG USA, Inc. : 800-837-2223

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

Search our NEW
Digital Catalog
for all the
latest products!