A BRAND AE-H
Advanced Performance Carbide End Mills for Hardened Steels
High Precision Machining of High Hardened Steels

PRIMARY TARGETS
- Die Mold Shops Machining Hard Materials that Need Long Tool Life
- Hard Steel Applications (*Over 55HRC*)

SOLUTIONS
- Offers High Precision and Long Reliable Tool Life
- Best Choice Ball End Mill for Hardened Material Applications

WHAT OUR CUSTOMERS SEE
- These Tools *Doubled My Tool Life in Hardened Steel!*
- Reduced My Bench Time Significantly!

HOW DOES IT WORK?
Durable Geometry
- Tools Have Special Geometry to Maximize Life

DUREOREY Coating
- Extremely Hard and Wear Resistant Coating

Three Styles for Various Applications
- 4-Flute Regular Length
- 2-Flute Regular Length
- 2-Flute Long Neck

osgtool.com
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OSG Canada, Ltd. : 905-632-8032 • OSG Royco (Mexico) : (52) 477 478-02-00
A Brand AE-H
Advanced Performance Carbide End Mills for Hardened Steels

A Brand AE-H
Carbide ball end mills for high-precision finishing of high-hardness steel with emphasis on machined surface accuracy. The new DUOREY coating enables longer tool life in high-hardness steel and is high chipping resistant in work materials exceeding 60 HRC.

Features & Benefits
- OSG’s DUOREY coating enables superior heat resistance and high toughness optimized for high-hardness steel milling.
- Thickening of the center core to prevent deformation of the ball tip and improve control of chipping.
- Superior ball R precision ± 0.005mm.
- Superior shank accuracy can support h4 tolerance (D/0.004mm).

List Numbers
<table>
<thead>
<tr>
<th>List Numbers</th>
<th>Size Range</th>
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</thead>
<tbody>
<tr>
<td>8410 - A Brand AE-BD-H (Inch)</td>
<td>1/32&quot;-1/2&quot;</td>
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<tr>
<td>8510 - A Brand AE-BD-H (Metric)</td>
<td>0.2mm-12mm</td>
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<tr>
<td>8590 - A Brand AE-LNBD-H (Metric)</td>
<td>0.1mm-6mm</td>
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<tr>
<td>8430 - A Brand AE-BM-H (Inch)</td>
<td>1/8&quot;-1/2&quot;</td>
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<tr>
<td>8530 - A Brand AE-BM-H (Metric)</td>
<td>1mm-12mm</td>
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</tbody>
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Teardrop-Shaped Outer Periphery
AE-LNBD-H
Strong back taper geometry enables milling by point, which prevents chattering and chirping, resulting in improvement of surface accuracy.

3 Styles for a Wide Range of Milling Applications
AE-H Features 3 Styles to Cover a Wide Range of Applications

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