



A Brand AE-BM-H

Advanced Performance Carbide End Mills with DUOREY Coating

ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

List 8530

A BRAND AE-BM-H



SPEED FEED
1467-1470

CARBIDE

DUOREY

4 FLUTE

40°

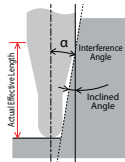
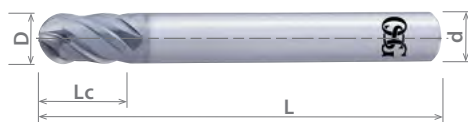


SHANK
h4

STUB

REG

PACKED
1 PIECE



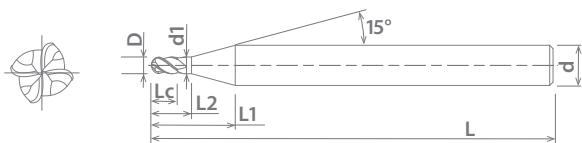
| Cutting Diameter Tolerance | |
|----------------------------|-------------|
| 1mm ≤ D ≤ 3mm | +/- 0.005mm |
| 4mm ≤ D ≤ 6mm | +/- 0.007mm |
| 8mm ≤ D ≤ 12mm | +/- 0.010mm |

| EDP Number | Diameter | Length of Cut | Neck Length | Non-Taper Neck Length | Neck Diameter | Interference Angle | Effective Neck Length by Incline Angle | | | | | Overall Length | Shank Diameter | Type |
|------------|----------|---------------|-------------|-----------------------|---------------|--------------------|--|-----------|-----------|-----------|-----------|----------------|----------------|------|
| | | | | | | | 0.5° (mm) | 1.0° (mm) | 1.5° (mm) | 2.0° (mm) | 3.0° (mm) | | | |
| 85300023 | 1.00 | 2.00 | 8.00 | 2.00 | 0.95 | 11.85 | 2.13 | 2.19 | 2.25 | 2.32 | 2.46 | 50.00 | 4.00 | 1 |
| 85300123 | 1.50 | 3.00 | 8.00 | 3.00 | 1.45 | 10.15 | 2.64 | 2.71 | 2.78 | 2.85 | 3.02 | 50.00 | 4.00 | 1 |
| 8549602 | 2.00 | 2.00 | 12.00 | 4.00 | 1.95 | 10.64 | 4.19 | 4.30 | 4.42 | 4.55 | 4.85 | 50.00 | 6.00 | 1 |
| 85300223 | 2.50 | 5.00 | 12.00 | 5.00 | 2.45 | 9.57 | 5.32 | 5.40 | 5.52 | 5.64 | 5.81 | 50.00 | 6.00 | 1 |
| 8549603 | 3.00 | 3.00 | 12.00 | 6.00 | 2.85 | 8.15 | 6.44 | 6.61 | 6.79 | 7.00 | 7.45 | 50.00 | 6.00 | 1 |
| 8549604 | 4.00 | 4.00 | 12.10 | 8.00 | 3.85 | 5.65 | 8.49 | 8.71 | 8.96 | 9.22 | 9.81 | 60.00 | 6.00 | 1 |
| 8549605 | 5.00 | 5.00 | 12.20 | 10.00 | 4.85 | 2.95 | 10.54 | 10.82 | 11.12 | 11.45 | - | 60.00 | 6.00 | 1 |
| 8549606 | 6.00 | 9.00 | - | - | - | - | - | - | - | - | - | 60.00 | 6.00 | 2 |
| 8549608 | 8.00 | 12.00 | - | - | - | - | - | - | - | - | - | 70.00 | 8.00 | 2 |
| 8549610 | 10.00 | 15.00 | - | - | - | - | - | - | - | - | - | 80.00 | 10.00 | 2 |
| 8549612 | 12.00 | 18.00 | - | - | - | - | - | - | - | - | - | 90.00 | 12.00 | 2 |

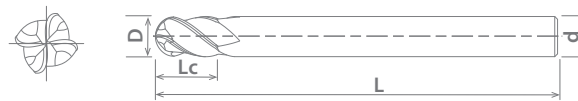
● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



Type1



Type2



| P | | | | | M | | | K | N | | S | | H | | | | | | |
|--------------|--------|------|-------------|-----------|-----------------|-----|--------------|-----------|-------------|---------|-----------|---------|----------------|----------------|---------|-----------|-----------|-----------|--|
| Steel | | | | | Stainless Steel | | | Cast Iron | Non-Ferrous | | HRSA | | Hardened Steel | | | | | | |
| Carbon Steel | | | Alloy Steel | Die Steel | Aluminum | | Nickel Alloy | | Titanium | | | | | | | | | | |
| Low | Medium | High | | | 300 | 400 | | | | 17-4 PH | 6061 7075 | Casting | Inconel | 6Al4V (30 HRC) | ~35 HRC | 35-45 HRC | 45-50 HRC | 50-70 HRC | |
| 1010 | 1035 | 1065 | 4140 | 4340 | | | | | | | | | | | | | | | |
| 1018 | 1045 | | | | | | | | | | | | | | | | | | |

○ Good ⊙ Best

