

A Brand AE-CR-TS-N

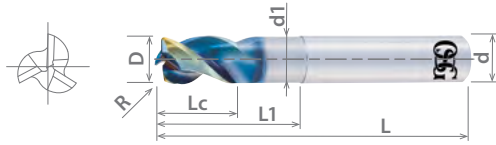
DLC Coated Carbide End Mills for Non-Ferrous Materials

List 8675

A BRAND AE-CR-TS-N, 3 Flutes, Regular Length, Reduced Neck, Corner Radius

A SPEED FEED 25-27 CARBIDE DLC 3 FLUTE ~40° SHRINK FIT REG PACKED 1 PIECE

| Cutting Diameter Tolerance | |
|----------------------------|--------------|
| 1/8" ≤ D ≤ 1" | 0 / -0.0008" |



| EDP Number | Diameter | Corner Radius | Length of Cut | Neck Length | Neck Diameter | Overall Length | Shank Diameter | |
|------------|----------|---------------|---------------|-------------|---------------|----------------|----------------|---------------------|
| | | | | | | | | D (Fractional Size) |
| 86750009 | ● | 1/8 | 0.010 | 0.188 | 0.375 | 0.118 | 1.500 | 0.125 |
| 86750109 | ● | 1/8 | 0.015 | 0.188 | 0.375 | 0.118 | 1.500 | 0.125 |
| 86750209 | ● | 3/16 | 0.015 | 0.281 | 0.563 | 0.176 | 2.000 | 0.188 |
| 86750309 | ● | 3/16 | 0.020 | 0.281 | 0.563 | 0.176 | 2.000 | 0.188 |
| 86750409 | ● | 3/16 | 0.030 | 0.281 | 0.563 | 0.176 | 2.000 | 0.188 |
| 86750509 | ● | 1/4 | 0.015 | 0.375 | 0.750 | 0.235 | 2.500 | 0.250 |
| 86750609 | ● | 1/4 | 0.020 | 0.375 | 0.750 | 0.235 | 2.500 | 0.250 |
| 86750709 | ● | 1/4 | 0.030 | 0.375 | 0.750 | 0.235 | 2.500 | 0.250 |
| 86750809 | ● | 1/4 | 0.060 | 0.375 | 0.750 | 0.235 | 2.500 | 0.250 |
| 86750909 | ● | 5/16 | 0.015 | 0.469 | 0.938 | 0.295 | 2.500 | 0.313 |
| 86751009 | ● | 5/16 | 0.020 | 0.469 | 0.938 | 0.295 | 2.500 | 0.313 |
| 86751109 | ● | 5/16 | 0.030 | 0.469 | 0.938 | 0.295 | 2.500 | 0.313 |
| 86751209 | ● | 3/8 | 0.015 | 0.563 | 1.125 | 0.353 | 3.000 | 0.375 |
| 86751309 | ● | 3/8 | 0.020 | 0.563 | 1.125 | 0.353 | 3.000 | 0.375 |
| 86751409 | ● | 3/8 | 0.030 | 0.563 | 1.125 | 0.353 | 3.000 | 0.375 |
| 86751509 | ● | 3/8 | 0.060 | 0.563 | 1.125 | 0.353 | 3.000 | 0.375 |
| 86751609 | ● | 1/2 | 0.015 | 0.750 | 1.500 | 0.470 | 4.000 | 0.500 |
| 86751709 | ● | 1/2 | 0.020 | 0.750 | 1.500 | 0.470 | 4.000 | 0.500 |
| 86751809 | ● | 1/2 | 0.030 | 0.750 | 1.500 | 0.470 | 4.000 | 0.500 |
| 86751909 | ● | 1/2 | 0.060 | 0.750 | 1.500 | 0.470 | 4.000 | 0.500 |
| 86752009 | ● | 5/8 | 0.015 | 0.938 | 1.875 | 0.588 | 5.000 | 0.625 |
| 86752109 | ● | 5/8 | 0.030 | 0.938 | 1.875 | 0.588 | 5.000 | 0.625 |
| 86752209 | ● | 5/8 | 0.060 | 0.938 | 1.875 | 0.588 | 5.000 | 0.625 |
| 86752309 | ● | 5/8 | 0.090 | 0.938 | 1.875 | 0.588 | 5.000 | 0.625 |
| 86752409 | ● | 3/4 | 0.015 | 1.125 | 2.250 | 0.705 | 5.000 | 0.750 |
| 86752509 | ● | 3/4 | 0.030 | 1.125 | 2.250 | 0.705 | 5.000 | 0.750 |
| 86752609 | ● | 3/4 | 0.060 | 1.125 | 2.250 | 0.705 | 5.000 | 0.750 |
| 86752709 | ● | 3/4 | 0.090 | 1.125 | 2.250 | 0.705 | 5.000 | 0.750 |
| 86752809 | ● | 3/4 | 0.120 | 1.125 | 2.250 | 0.705 | 5.000 | 0.750 |
| 86752909 | ● | 1 | 0.015 | 1.500 | 3.000 | 0.940 | 6.000 | 1.000 |
| 86753009 | ● | 1 | 0.030 | 1.500 | 3.000 | 0.940 | 6.000 | 1.000 |
| 86753109 | ● | 1 | 0.060 | 1.500 | 3.000 | 0.940 | 6.000 | 1.000 |
| 86753209 | ● | 1 | 0.090 | 1.500 | 3.000 | 0.940 | 6.000 | 1.000 |
| 86753309 | ● | 1 | 0.120 | 1.500 | 3.000 | 0.940 | 6.000 | 1.000 |

● Stocked ▲ Globally Stocked ○ Made to Order; contact an OSG representative for details



| 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 |
| 1010 | 1035 | 1065 | 4140 | 4340 | | | | ○ | ○ | | | | | | | | |
| 1018 | 1045 | | | | | | | | | | | | | | | | |

○ Good ○ Best



List 8775

A BRAND AE-CR-TS-N, 3 Flutes, Regular Length, Reduced Neck, Corner Radius



SPEED FEED
25-27

CARBIDE

DLC

3 FLUTE

~40°

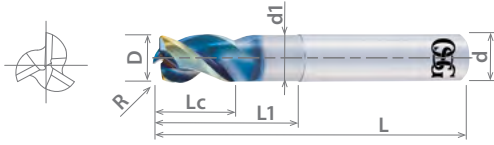


SHRINK FIT

REG

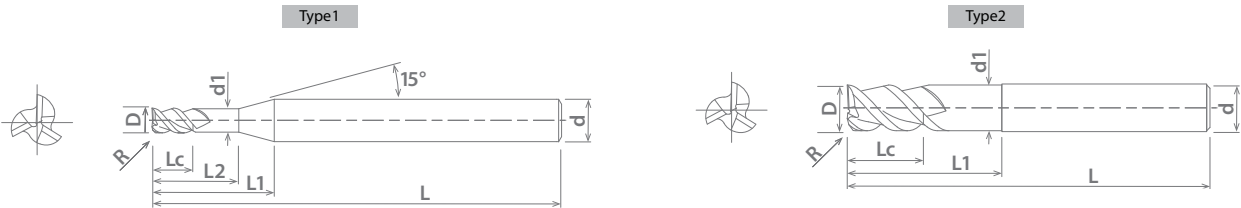
PACKED
1 PIECE

| Cutting Diameter Tolerance | |
|----------------------------|-------------|
| 3mm ≤ D ≤ 12mm | +0/-0.020mm |



| EDP Number | Diameter | Corner Radius | Length of Cut | Neck Length | Non-Taper Neck Length | Neck Diameter | Overall Length | Shank Diameter | Type | |
|------------|----------|---------------|---------------|-------------|-----------------------|---------------|----------------|----------------|------|--------|
| | | | | | | | | | | D (mm) |
| 8557370 | ● | 3 | 0.2 | 4.5 | 14.8 | 9 | 2.85 | 55 | 6 | 1 |
| 8557371 | ● | 3 | 0.5 | 4.5 | 14.8 | 9 | 2.85 | 55 | 6 | 1 |
| 8557372 | ● | 4 | 0.2 | 6 | 15.9 | 12 | 3.8 | 55 | 6 | 1 |
| 8557373 | ● | 4 | 0.5 | 6 | 15.9 | 12 | 3.8 | 55 | 6 | 1 |
| 8557374 | ● | 4 | 1 | 6 | 15.9 | 12 | 3.8 | 55 | 6 | 1 |
| 8557375 | ● | 5 | 0.2 | 7.5 | 16.8 | 15 | 4.8 | 55 | 6 | 1 |
| 8557376 | ● | 5 | 0.5 | 7.5 | 16.8 | 15 | 4.8 | 55 | 6 | 1 |
| 8557377 | ● | 5 | 1 | 7.5 | 16.8 | 15 | 4.8 | 55 | 6 | 1 |
| 8557378 | ● | 6 | 0.3 | 9 | - | 18 | 5.8 | 60 | 6 | 2 |
| 8557379 | ● | 6 | 0.5 | 9 | - | 18 | 5.8 | 60 | 6 | 2 |
| 8557380 | ● | 6 | 1 | 9 | - | 18 | 5.8 | 60 | 6 | 2 |
| 8557381 | ● | 8 | 0.3 | 12 | - | 24 | 7.7 | 70 | 8 | 2 |
| 8557382 | ● | 8 | 0.5 | 12 | - | 24 | 7.7 | 70 | 8 | 2 |
| 8557383 | ● | 8 | 1 | 12 | - | 24 | 7.7 | 70 | 8 | 2 |
| 8557384 | ● | 8 | 1.5 | 12 | - | 24 | 7.7 | 70 | 8 | 2 |
| 8557385 | ● | 8 | 2 | 12 | - | 24 | 7.7 | 70 | 8 | 2 |
| 8557386 | ● | 10 | 0.3 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557387 | ● | 10 | 0.5 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557388 | ● | 10 | 1 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557389 | ● | 10 | 1.5 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557390 | ● | 10 | 2 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557391 | ● | 10 | 3 | 15 | - | 30 | 9.7 | 75 | 10 | 2 |
| 8557392 | ● | 12 | 0.3 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |
| 8557393 | ● | 12 | 0.5 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |
| 8557394 | ● | 12 | 1 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |
| 8557395 | ● | 12 | 1.5 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |
| 8557396 | ● | 12 | 2 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |
| 8557397 | ● | 12 | 3 | 18 | - | 36 | 11.7 | 80 | 12 | 2 |

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

○ Good ⊙ Best

