

# A-CUT

Solid Carbide End Mill for Aluminum.

ALUM  
A-CUT

**1날 플랫 엔드밀**

1F Flat Endmill

**1날 역날 플랫 엔드밀**

1F Reverse Flat Endmill

**2날 플랫 엔드밀**

2F Flat Endmill

**3날 플랫 엔드밀**

3F Flat Endmill

**3날 라핑 엔드밀**

3F Roughing Endmill

**3날 리브 라핑 엔드밀**

3F Rib Roughing Endmill

**3날 라핑 엔드밀 (고속가공용)**

3F Roughing Endmill (High Speed)

**3날 리브 라핑 엔드밀 (고속가공용)**

3F Rib Roughing Endmill (High Speed)

**3날 코너R 엔드밀**

3F Corner R Endmill

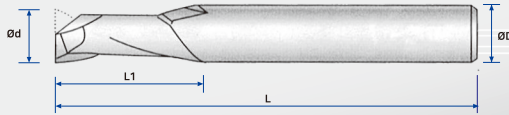
**3날 리브 코너R 엔드밀**

3F Rib Corner R Endmill



## 1날 알루미늄 플랫 엔드밀

### 1F Flat Endmill for Aluminium



- AL용 A-CUT
- 강용 P-CUT
- 강용 리브 PR-CUT
- 고강도용 H-CUT
- 고강도 리브 HR-CUT
- SUS S-CUT
- 센터링엔드밀 C-CUT
- NC드릴 NC-DRILL

| NO | CODE NO  | 규격 (Standard)              | 외경(ød) | 날장(L1) | 상크(øD) | 총가장(L) |
|----|----------|----------------------------|--------|--------|--------|--------|
| 1  | KW100417 | Ø1 * 3L * Ø6 * 50L * 1F    | 1.0    | 3      | 6      | 50     |
| 2  | KW100418 | Ø1 * 4L * Ø6 * 50L * 1F    |        | 4      |        |        |
| 3  | KW100419 | Ø1 * 6L * Ø6 * 50L * 1F    |        | 6      |        |        |
| 4  | KW100420 | Ø1.2 * 4L * Ø6 * 50L * 1F  | 1.2    | 4      | 6      | 50     |
| 5  | KW100421 | Ø1.2 * 6L * Ø6 * 50L * 1F  |        | 6      |        |        |
| 6  | KW100422 | Ø1.2 * 8L * Ø6 * 50L * 1F  |        | 8      |        |        |
| 7  | KW100423 | Ø1.5 * 4L * Ø6 * 50L * 1F  | 1.5    | 4      | 6      | 50     |
| 8  | KW100424 | Ø1.5 * 6L * Ø6 * 50L * 1F  |        | 6      |        |        |
| 9  | KW106547 | Ø1.5 * 8L * Ø6 * 50L * 1F  |        | 8      |        |        |
| 10 | KW100425 | Ø2 * 6L * Ø6 * 50L * 1F    | 2.0    | 6      | 6      | 50     |
| 11 | KW100426 | Ø2 * 7L * Ø6 * 50L * 1F    |        | 7      |        |        |
| 12 | KW100427 | Ø2 * 8L * Ø6 * 50L * 1F    |        | 8      |        |        |
| 13 | KW100428 | Ø2 * 9L * Ø6 * 50L * 1F    |        | 9      |        |        |
| 14 | KW100429 | Ø2 * 10L * Ø6 * 50L * 1F   |        | 10     |        |        |
| 15 | KW100430 | Ø2 * 12L * Ø6 * 50L * 1F   |        | 12     |        |        |
| 16 | KW100431 | Ø2.5 * 7L * Ø6 * 50L * 1F  | 2.5    | 7      | 6      | 50     |
| 17 | KW100432 | Ø2.5 * 8L * Ø6 * 50L * 1F  |        | 8      |        |        |
| 18 | KW100433 | Ø2.5 * 10L * Ø6 * 50L * 1F |        | 10     |        |        |
| 19 | KW100434 | Ø2.5 * 12L * Ø6 * 50L * 1F |        | 12     |        |        |
| 20 | KW100435 | Ø2.5 * 16L * Ø6 * 50L * 1F | 16     | 3.0    | 6      | 50     |
| 21 | KW100436 | Ø3 * 8L * Ø6 * 50L * 1F    | 8      |        |        |        |
| 22 | KW100437 | Ø3 * 10L * Ø6 * 50L * 1F   | 10     |        |        |        |
| 23 | KW100438 | Ø3 * 12L * Ø6 * 50L * 1F   | 12     |        |        | 55     |
| 24 | KW100439 | Ø3 * 16L * Ø6 * 55L * 1F   | 16     |        |        |        |
| 25 | KW100440 | Ø3 * 17L * Ø6 * 55L * 1F   | 17     |        |        |        |
| 26 | KW100441 | Ø3 * 20L * Ø6 * 60L * 1F   | 20     | 60     |        |        |
| 27 | KW100442 | Ø3 * 22L * Ø6 * 60L * 1F   | 22     |        |        |        |
| 28 | KW100443 | Ø3 * 26L * Ø6 * 60L * 1F   | 26     |        |        |        |
| 29 | KW100444 | Ø4 * 10L * Ø6 * 50L * 1F   | 4      | 10     | 6      | 50     |
| 30 | KW100445 | Ø4 * 12L * Ø6 * 50L * 1F   |        | 12     |        |        |
| 31 | KW100446 | Ø4 * 16L * Ø6 * 55L * 1F   |        | 16     |        |        |
| 32 | KW100447 | Ø4 * 17L * Ø6 * 55L * 1F   |        | 17     |        |        |
| 33 | KW100448 | Ø4 * 20L * Ø6 * 60L * 1F   |        | 20     |        | 60     |
| 34 | KW100449 | Ø4 * 22L * Ø6 * 60L * 1F   |        | 22     |        |        |
| 35 | KW100451 | Ø5 * 15L * Ø6 * 50L * 1F   | 15     | 5      | 6      |        |
| 36 | KW100452 | Ø5 * 20L * Ø6 * 60L * 1F   | 20     |        |        |        |
| 37 | KW100453 | Ø5 * 22L * Ø6 * 60L * 1F   | 22     |        |        | 60     |
| 38 | KW100454 | Ø5 * 25L * Ø6 * 65L * 1F   | 25     |        |        |        |
| 39 | KW100455 | Ø5 * 28L * Ø6 * 70L * 1F   | 28     |        |        | 70     |
| 40 | KW100456 | Ø6 * 15L * Ø6 * 65L * 1F   | 6      | 15     | 6      | 65     |
| 41 | KW100457 | Ø6 * 20L * Ø6 * 65L * 1F   |        | 20     |        |        |
| 42 | KW100458 | Ø6 * 22L * Ø6 * 65L * 1F   |        | 22     |        |        |
| 43 | KW100459 | Ø6 * 25L * Ø6 * 65L * 1F   |        | 25     |        |        |
| 44 | KW100460 | Ø6 * 27L * Ø6 * 65L * 1F   |        | 27     |        |        |
| 45 | KW100461 | Ø6 * 30L * Ø6 * 80L * 1F   |        | 30     |        |        |

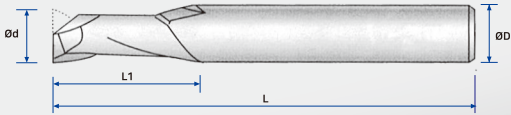


# 1날 플랫 엔드밀 2/2

1F Flat Endmill for Aluminium

## 1날 알루미늄 플랫 엔드밀

1F Flat Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)              | 외경(ød) | 날장(L1) | 상크(øD) | 총기장(L) |
|----|----------|----------------------------|--------|--------|--------|--------|
| 46 | KW100462 | Ø8 * 20L * Ø8 * 70L * 1F   | 8      | 20     | 8      | 70     |
| 47 | KW100463 | Ø8 * 25L * Ø8 * 70L * 1F   |        | 25     |        |        |
| 48 | KW100464 | Ø8 * 30L * Ø8 * 80L * 1F   |        | 30     |        | 80     |
| 49 | KW100465 | Ø8 * 32L * Ø8 * 80L * 1F   |        | 32     |        |        |
| 50 | KW100466 | Ø10 * 25L * Ø10 * 75L * 1F | 10     | 25     | 10     | 75     |
| 51 | KW100467 | Ø10 * 30L * Ø10 * 75L * 1F |        | 30     |        |        |
| 52 | KW100468 | Ø12 * 30L * Ø12 * 80L * 1F | 12     | 30     | 12     | 80     |
| 53 | KW100469 | Ø12 * 35L * Ø12 * 80L * 1F |        | 35     |        |        |

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P-CUT  
강철용

PRE-CUT  
강철 리브

H-CUT  
강철도 용

HR-CUT  
강철도 리브

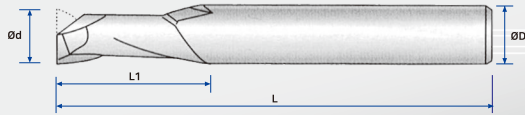
S-CUT  
SUS

C-CUT  
센터링엔드밀

NC-DRILL  
NC드릴

## 1날 알루미늄 역날 플랫 엔드밀

### 1F Reverse Flat Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)             | 외경(Ød) | 날장(L1) | 상크(ØD) | 총가장(L) |
|----|----------|---------------------------|--------|--------|--------|--------|
| 1  | KW101430 | Ø1 * 3L * Ø6 * 50L * 1F   | 1      | 3      | 6      | 50     |
| 2  | KW101431 | Ø1 * 4L * Ø6 * 50L * 1F   |        | 4      |        |        |
| 3  | KW101432 | Ø1 * 6L * Ø6 * 50L * 1F   |        | 6      |        |        |
| 4  | KW101433 | Ø1.2 * 4L * Ø6 * 50L * 1F | 1.2    | 4      | 6      | 50     |
| 5  | KW101434 | Ø1.2 * 6L * Ø6 * 50L * 1F |        | 6      |        |        |
| 6  | KW101435 | Ø1.2 * 8L * Ø6 * 50L * 1F |        | 8      |        |        |
| 7  | KW101436 | Ø1.5 * 4L * Ø6 * 50L * 1F | 1.5    | 4      | 6      | 50     |
| 8  | KW101437 | Ø1.5 * 6L * Ø6 * 50L * 1F |        | 6      |        |        |
| 9  | KW101438 | Ø1.5 * 8L * Ø6 * 50L * 1F |        | 8      |        |        |
| 10 | KW101439 | Ø2 * 6L * Ø6 * 50L * 1F   | 2      | 6      | 6      | 50     |
| 11 | KW101440 | Ø2 * 8L * Ø6 * 50L * 1F   |        | 8      |        |        |
| 12 | KW101441 | Ø2 * 10L * Ø6 * 55L * 1F  |        | 10     |        |        |
| 13 | KW101442 | Ø2 * 12L * Ø6 * 55L * 1F  | 3      | 12     | 6      | 55     |
| 14 | KW101443 | Ø3 * 8L * Ø6 * 50L * 1F   |        | 8      |        |        |
| 15 | KW101444 | Ø3 * 10L * Ø6 * 55L * 1F  |        | 10     |        |        |
| 16 | KW101445 | Ø3 * 12L * Ø6 * 55L * 1F  | 4      | 12     | 6      | 55     |
| 17 | KW101446 | Ø3 * 16L * Ø6 * 60L * 1F  |        | 16     |        |        |
| 18 | KW101447 | Ø4 * 10L * Ø6 * 55 * 1F   |        | 10     |        |        |
| 19 | KW101448 | Ø4 * 12L * Ø6 * 55 * 1F   | 5      | 12     | 6      | 55     |
| 20 | KW101449 | Ø4 * 16L * Ø6 * 60 * 1F   |        | 16     |        |        |
| 21 | KW101450 | Ø4 * 20L * Ø6 * 60 * 1F   |        | 20     |        |        |
| 22 | KW101451 | Ø5 * 15L * Ø6 * 55 * 1F   | 6      | 15     | 6      | 55     |
| 23 | KW101452 | Ø5 * 20L * Ø6 * 60 * 1F   |        | 20     |        |        |
| 24 | KW101453 | Ø5 * 25L * Ø6 * 65 * 1F   |        | 25     |        |        |
| 25 | KW101454 | Ø6 * 15L * Ø6 * 65 * 1F   | 8      | 15     | 6      | 65     |
| 26 | KW101455 | Ø6 * 20L * Ø6 * 65 * 1F   |        | 20     |        |        |
| 27 | KW101456 | Ø6 * 25L * Ø6 * 65 * 1F   |        | 25     |        |        |
| 28 | KW101457 | Ø6 * 30L * Ø6 * 70 * 1F   | 10     | 30     | 8      | 70     |
| 29 | KW101458 | Ø8 * 20L * Ø8 * 70 * 1F   |        | 20     |        |        |
| 30 | KW101459 | Ø8 * 25L * Ø8 * 70 * 1F   |        | 25     |        |        |
| 31 | KW101460 | Ø8 * 30L * Ø8 * 70 * 1F   | 12     | 30     | 10     | 75     |
| 32 | KW101461 | Ø10 * 25L * Ø10 * 75 * 1F |        | 25     |        |        |
| 33 | KW101462 | Ø10 * 30L * Ø10 * 75 * 1F |        | 30     |        |        |
| 34 | KW101463 | Ø12 * 30L * Ø12 * 80 * 1F | 12     | 30     | 12     | 80     |
| 35 | KW101464 | Ø12 * 35L * Ø12 * 80 * 1F |        | 35     |        |        |

ALUM  
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강용  
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강용 리브  
PR-CUT

고강도용  
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고강도 리브  
HR-CUT

SUS  
S-CUT

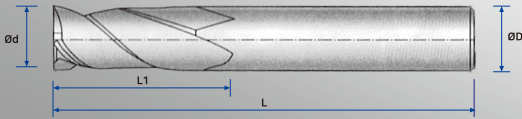
센터링엔드밀  
C-CUT

NC드릴  
NC-DRILL



# 2날 알루미늄 플랫 엔드밀

2F Flat Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)               | 외경(Ød) | 날장(L1) | 샤크(ØD) | 총기장(L) |
|----|----------|-----------------------------|--------|--------|--------|--------|
| 1  | KW100186 | Ø1 * 3L * Ø6 * 45L * 2F     | 1      | 3      | 6      | 45     |
| 2  | KW100187 | Ø1 * 6L * Ø6 * 50L * 2F     |        | 6      |        | 50     |
| 3  | KW100188 | Ø1.2 * 4L * Ø6 * 50L * 2F   | 1.2    | 4      | 6      | 50     |
| 4  | KW100189 | Ø1.5 * 5L * Ø6 * 50L * 2F   | 1.5    | 5      | 6      | 50     |
| 5  | KW100190 | Ø1.5 * 8L * Ø6 * 55L * 2F   |        | 8      |        | 55     |
| 6  | KW100191 | Ø2 * 6L * Ø6 * 50L * 2F     | 2      | 6      | 6      | 50     |
| 7  | KW100192 | Ø2 * 10L * Ø6 * 55L * 2F    |        | 10     |        | 55     |
| 8  | KW105900 | Ø2.5 * 6L * Ø6 * 55L * 2F   | 2.5    | 6      | 6      | 55     |
| 9  | KW100193 | Ø2.5 * 8L * Ø6 * 55L * 2F   |        | 8      |        |        |
| 10 | KW100194 | Ø3 * 11L * Ø6 * 55L * 2F    | 3      | 11     | 6      | 55     |
| 11 | KW100195 | Ø3 * 15L * Ø6 * 65L * 2F    |        | 15     |        | 65     |
| 12 | KW100196 | Ø4 * 13L * Ø6 * 55L * 2F    | 4      | 13     | 6      | 55     |
| 13 | KW100197 | Ø4 * 16L * Ø6 * 65L * 2F    |        | 16     |        | 65     |
| 14 | KW100198 | Ø5 * 17L * Ø6 * 60L * 2F    | 5      | 17     | 6      | 60     |
| 15 | KW100199 | Ø5 * 22L * Ø6 * 60L * 2F    |        | 22     |        |        |
| 16 | KW100200 | Ø6 * 17L * Ø6 * 60L * 2F    | 6      | 17     | 6      | 60     |
| 17 | KW100201 | Ø6 * 25L * Ø6 * 70L * 2F    |        | 25     |        | 70     |
| 18 | KW100202 | Ø7 * 22L * Ø8 * 65L * 2F    | 7      | 22     | 8      | 65     |
| 19 | KW100203 | Ø8 * 22L * Ø8 * 70L * 2F    | 8      | 22     | 8      | 70     |
| 20 | KW100204 | Ø8 * 30L * Ø8 * 80L * 2F    |        | 30     |        | 80     |
| 21 | KW100205 | Ø10 * 27L * Ø10 * 75L * 2F  | 10     | 27     | 10     | 75     |
| 22 | KW100206 | Ø10 * 35L * Ø10 * 90L * 2F  |        | 35     |        | 90     |
| 23 | KW100207 | Ø12 * 32L * Ø12 * 80L * 2F  | 12     | 32     | 12     | 80     |
| 24 | KW100208 | Ø12 * 40L * Ø12 * 95L * 2F  |        | 40     |        | 95     |
| 25 | KW100209 | Ø14 * 37L * Ø14 * 90L * 2F  | 14     | 37     | 14     | 90     |
| 26 | KW100210 | Ø14 * 37L * Ø16 * 90L * 2F  |        | 37     |        | 16     |
| 27 | KW100211 | Ø16 * 42L * Ø16 * 100L * 2F | 16     | 42     | 16     | 100    |
| 28 | KW100212 | Ø16 * 52L * Ø16 * 110L * 2F |        | 52     |        | 110    |
| 29 | KW100213 | Ø18 * 48L * Ø18 * 100L * 2F | 18     | 48     | 18     | 100    |
| 30 | KW100214 | Ø20 * 48L * Ø20 * 100L * 2F | 20     | 48     | 20     | 100    |
| 31 | KW100215 | Ø20 * 55L * Ø20 * 110L * 2F |        | 55     |        | 110    |

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HR-CUT  
강철 리브

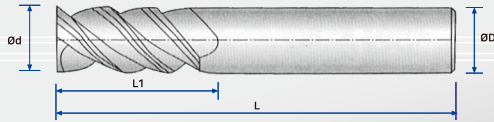
S-CUT  
SUS

C-CUT  
선단형엔드밀

NC-DRILL  
NC드릴

## 3날 알루미늄 플랫 엔드밀

### 3F Flat Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)              | 외경(Ød) | 날장(L1) | 상크(ØD) | 총가장(L) |
|----|----------|----------------------------|--------|--------|--------|--------|
| 1  | KW100217 | Ø1 * 2L * Ø6 * 45L * 3F    | 1      | 2      | 6      | 45     |
| 2  | KW100218 | Ø1 * 2.5L * Ø6 * 45L * 3F  |        | 2.5    |        |        |
| 3  | KW100219 | Ø1 * 3L * Ø6 * 45L * 3F    |        | 3      |        |        |
| 4  | KW100220 | Ø1 * 4L * Ø6 * 45L * 3F    |        | 4      |        |        |
| 5  | KW100221 | Ø1 * 6L * Ø6 * 50L * 3F    |        | 6      |        |        |
| 6  | KW100222 | Ø1.2 * 4L * Ø6 * 50L * 3F  | 1.2    | 4      | 6      | 50     |
| 7  | KW100223 | Ø1.5 * 3L * Ø6 * 45L * 3F  | 1.5    | 3      | 6      | 45     |
| 8  | KW100224 | Ø1.5 * 5L * Ø6 * 50L * 3F  |        | 5      |        | 50     |
| 9  | KW100225 | Ø1.5 * 6L * Ø6 * 50L * 3F  |        | 6      |        | 55     |
| 10 | KW100226 | Ø1.5 * 8L * Ø6 * 55L * 3F  |        | 8      |        | 55     |
| 11 | KW100227 | Ø1.5 * 10L * Ø6 * 55L * 3F |        | 10     |        | 55     |
| 12 | KW100228 | Ø2 * 4L * Ø6 * 45L * 3F    | 2      | 4      | 6      | 45     |
| 13 | KW100229 | Ø2 * 6L * Ø6 * 50L * 3F    |        | 6      |        | 50     |
| 14 | KW100230 | Ø2 * 8L * Ø6 * 55L * 3F    |        | 8      |        | 55     |
| 15 | KW100231 | Ø2 * 10L * Ø6 * 55L * 3F   |        | 10     |        | 60     |
| 16 | KW100232 | Ø2 * 12L * Ø6 * 60L * 3F   |        | 12     |        | 60     |
| 17 | KW102617 | Ø2.5 * 6L * Ø6 * 50L * 3F  | 2.5    | 6      | 6      | 50     |
| 18 | KW100233 | Ø2.5 * 8L * Ø6 * 55L * 3F  |        | 8      |        | 55     |
| 19 | KW100234 | Ø2.5 * 10L * Ø6 * 55L * 3F |        | 10     |        | 60     |
| 20 | KW100235 | Ø2.5 * 12L * Ø6 * 60L * 3F |        | 12     |        | 60     |
| 21 | KW100236 | Ø3 * 4L * Ø6 * 45L * 3F    |        | 3      |        | 4      |
| 22 | KW100237 | Ø3 * 6L * Ø6 * 45L * 3F    | 6      |        | 55     |        |
| 23 | KW100238 | Ø3 * 8L * Ø6 * 55L * 3F    | 8      |        | 65     |        |
| 24 | KW100239 | Ø3 * 11L * Ø6 * 55L * 3F   | 11     |        | 70     |        |
| 25 | KW100240 | Ø3 * 15L * Ø6 * 65L * 3F   | 15     |        | 75     |        |
| 26 | KW100241 | Ø3 * 20L * Ø6 * 65L * 3F   | 20     |        | 75     |        |
| 27 | KW100242 | Ø3 * 25L * Ø6 * 70L * 3F   | 25     |        | 60     |        |
| 28 | KW100243 | Ø3 * 30L * Ø6 * 75L * 3F   | 30     |        | 45     |        |
| 29 | KW100244 | Ø3.5 * 12L * Ø6 * 60L * 3F | 3.5    |        | 12     | 6      |
| 30 | KW100245 | Ø4 * 5L * Ø6 * 45L * 3F    | 4      | 5      | 6      | 45     |
| 31 | KW100246 | Ø4 * 8L * Ø6 * 55L * 3F    |        | 8      |        | 55     |
| 32 | KW100247 | Ø4 * 11L * Ø6 * 55L * 3F   |        | 11     |        | 65     |
| 33 | KW100248 | Ø4 * 13L * Ø6 * 55L * 3F   |        | 13     |        | 70     |
| 34 | KW100249 | Ø4 * 16L * Ø6 * 65L * 3F   |        | 16     |        | 75     |
| 35 | KW100250 | Ø4 * 20L * Ø6 * 70L * 3F   |        | 20     |        | 65     |
| 36 | KW100251 | Ø4 * 26L * Ø6 * 70L * 3F   |        | 26     |        | 70     |
| 37 | KW100252 | Ø4 * 30L * Ø6 * 75L * 3F   |        | 30     |        | 75     |
| 38 | KW100253 | Ø4.5 * 15L * Ø6 * 65L * 3F |        | 4.5    |        | 15     |

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고강도용  
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고강도 리브  
HR-CUT

SUS  
S-CUT

센터링엔드밀  
C-CUT

NC드릴  
NC-DRILL

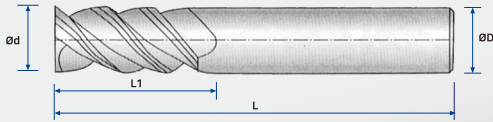


# 3날 플랫 엔드밀 2/3

3F Flat Endmill for Aluminium

## 3날 알루미늄 플랫 엔드밀

### 3F Flat Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)       | 외경(Ød) | 날장(L1) | 샤크(ØD) | 총기장(L) |
|----|----------|---------------------|--------|--------|--------|--------|
| 39 | KW100254 | Ø5*6L*Ø6*50L*3F     | 5      | 6      | 6      | 50     |
| 40 | KW100255 | Ø5*12L*Ø6*50L*3F    |        | 12     |        |        |
| 41 | KW100256 | Ø5*17L*Ø6*65L*3F    |        | 17     |        |        |
| 42 | KW100257 | Ø5*22L*Ø6*65L*3F    |        | 22     |        | 65     |
| 43 | KW100258 | Ø5*25L*Ø6*70L*3F    |        | 25     |        |        |
| 44 | KW100259 | Ø5*30L*Ø6*75L*3F    |        | 30     |        |        |
| 45 | KW100260 | Ø5*35L*Ø6*80L*3F    |        | 35     |        | 80     |
| 46 | KW100261 | Ø5*40L*Ø6*85L*3F    |        | 40     |        |        |
| 47 | KW100262 | Ø5*45L*Ø6*85L*3F    |        | 45     |        |        |
| 48 | KW106474 | Ø5.5*17L*Ø6*65L*3F  | 5.5    | 17     | 6      | 65     |
| 49 | KW100269 | Ø6*7L*Ø6*50L*3F     | 6      | 7      | 6      | 50     |
| 50 | KW100270 | Ø6*13L*Ø6*55L*3F    |        | 13     |        | 55     |
| 51 | KW100271 | Ø6*17L*Ø6*60L*3F    |        | 17     |        | 60     |
| 52 | KW100272 | Ø6*22L*Ø6*65L*3F    |        | 22     |        | 65     |
| 53 | KW100273 | Ø6*25L*Ø6*70L*3F    |        | 25     |        | 70     |
| 54 | KW100274 | Ø6*30L*Ø6*75L*3F    |        | 30     |        | 75     |
| 55 | KW100275 | Ø6*35L*Ø6*80L*3F    |        | 35     |        | 80     |
| 56 | KW100276 | Ø6*42L*Ø6*85L*3F    |        | 42     |        | 85     |
| 57 | KW100277 | Ø6*50L*Ø6*95L*3F    |        | 50     |        | 95     |
| 58 | KW100278 | Ø7*22L*Ø8*65L*3F    | 7      | 22     | 8      | 65     |
| 59 | KW100279 | Ø8*9L*Ø8*55L*3F     | 8      | 9      | 8      | 55     |
| 60 | KW100280 | Ø8*15L*Ø8*55L*3F    |        | 15     |        | 65     |
| 61 | KW100281 | Ø8*19L*Ø8*65L*3F    |        | 19     |        | 70     |
| 62 | KW100282 | Ø8*22L*Ø8*70L*3F    |        | 22     |        | 75     |
| 63 | KW100283 | Ø8*28L*Ø8*75L*3F    |        | 28     |        | 80     |
| 64 | KW100284 | Ø8*30L*Ø8*80L*3F    |        | 30     |        | 90     |
| 65 | KW100285 | Ø8*35L*Ø8*80L*3F    |        | 35     |        | 95     |
| 66 | KW100286 | Ø8*40L*Ø8*90L*3F    |        | 40     |        | 100    |
| 67 | KW100287 | Ø8*45L*Ø8*90L*3F    |        | 45     |        | 110    |
| 68 | KW100288 | Ø8*50L*Ø8*95L*3F    | 50     | 10     | 70     |        |
| 69 | KW100289 | Ø8*55L*Ø8*100L*3F   | 55     |        | 60     |        |
| 70 | KW100290 | Ø8*65L*Ø8*110L*3F   | 65     |        | 65     |        |
| 71 | KW100291 | Ø9*27L*Ø10*70L*3F   | 9      | 27     | 10     | 70     |
| 72 | KW100293 | Ø10*11L*Ø10*60L*3F  | 10     | 11     | 10     | 60     |
| 73 | KW100294 | Ø10*22L*Ø10*65L*3F  |        | 22     |        | 65     |
| 74 | KW100295 | Ø10*27L*Ø10*75L*3F  |        | 27     |        | 75     |
| 75 | KW100296 | Ø10*32L*Ø10*85L*3F  |        | 32     |        | 85     |
| 76 | KW100297 | Ø10*35L*Ø10*90L*3F  |        | 35     |        | 90     |
| 77 | KW100298 | Ø10*40L*Ø10*90L*3F  |        | 40     |        | 95     |
| 78 | KW100299 | Ø10*45L*Ø10*90L*3F  |        | 45     |        | 100    |
| 79 | KW100300 | Ø10*50L*Ø10*95L*3F  |        | 50     |        | 105    |
| 80 | KW100301 | Ø10*55L*Ø10*100L*3F |        | 55     |        | 110    |
| 81 | KW100302 | Ø10*60L*Ø10*105L*3F |        | 60     |        | 110    |
| 82 | KW100303 | Ø10*65L*Ø10*110L*3F | 65     | 110    |        |        |

A-CUT  
ALUM

P-CUT  
ALUM

PRE-CUT  
ALUM

H-CUT  
ALUM

HRC-CUT  
ALUM

S-CUT  
SUS

C-CUT  
STEEL/ENDMILL

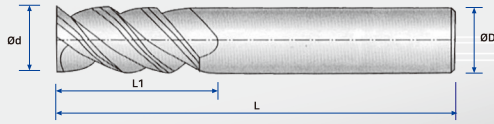
NC-DRILL

3/3 3날 플랫 엔드밀  
3F Flat Endmill for Aluminium



# 3날 알루미늄 플랫 엔드밀

## 3F Flat Endmill for Aluminium



| NO  | CODE NO  | 규격 (Standard)                | 외경(Ød) | 날장(L1) | 상크(ØD) | 총가장(L) |     |    |
|-----|----------|------------------------------|--------|--------|--------|--------|-----|----|
| 83  | KW100304 | Ø12 * 13L * Ø12 * 70L * 3F   | 12     | 13     | 12     | 70     |     |    |
| 84  | KW100305 | Ø12 * 20L * Ø12 * 70L * 3F   |        | 20     |        |        |     |    |
| 85  | KW100306 | Ø12 * 26L * Ø12 * 70L * 3F   |        | 26     |        |        |     |    |
| 86  | KW100307 | Ø12 * 32L * Ø12 * 80L * 3F   |        | 32     |        | 80     |     |    |
| 87  | KW100308 | Ø12 * 40L * Ø12 * 95L * 3F   |        | 40     |        |        |     |    |
| 88  | KW100309 | Ø12 * 45L * Ø12 * 95L * 3F   |        | 45     |        |        |     |    |
| 89  | KW100310 | Ø12 * 50L * Ø12 * 95L * 3F   |        | 50     |        | 95     |     |    |
| 90  | KW100311 | Ø12 * 55L * Ø12 * 100L * 3F  |        | 55     |        |        |     |    |
| 91  | KW100312 | Ø12 * 60L * Ø12 * 105L * 3F  |        | 60     |        |        |     |    |
| 92  | KW100313 | Ø12 * 65L * Ø12 * 110L * 3F  |        | 65     |        | 110    |     |    |
| 93  | KW100314 | Ø12 * 70L * Ø12 * 115L * 3F  |        | 70     |        |        |     |    |
| 94  | KW100315 | Ø12 * 75L * Ø12 * 120L * 3F  |        | 75     |        |        |     |    |
| 95  | KW100316 | Ø12 * 80L * Ø12 * 130L * 3F  |        | 80     |        | 130    |     |    |
| 96  | KW100317 | Ø14 * 37L * Ø14 * 90L * 3F   |        | 14     |        | 37     | 14  | 90 |
| 97  | KW100318 | Ø14 * 37L * Ø16 * 90L * 3F   |        |        |        | 37     | 16  | 90 |
| 98  | KW100319 | Ø16 * 18L * Ø16 * 80L * 3F   | 16     | 18     | 16     | 80     |     |    |
| 99  | KW100320 | Ø16 * 32L * Ø16 * 80L * 3F   |        | 32     |        |        |     |    |
| 100 | KW100321 | Ø16 * 42L * Ø16 * 100L * 3F  |        | 42     |        | 100    |     |    |
| 101 | KW100322 | Ø16 * 52L * Ø16 * 110L * 3F  |        | 52     |        |        |     |    |
| 102 | KW100323 | Ø16 * 55L * Ø16 * 110L * 3F  |        | 55     |        |        |     |    |
| 103 | KW100324 | Ø16 * 65L * Ø16 * 120L * 3F  |        | 65     |        | 120    |     |    |
| 104 | KW100325 | Ø16 * 75L * Ø16 * 130L * 3F  |        | 75     |        |        |     |    |
| 105 | KW100326 | Ø16 * 85L * Ø16 * 150L * 3F  |        | 85     |        |        | 150 |    |
| 106 | KW100327 | Ø16 * 95L * Ø16 * 170L * 3F  |        | 95     |        | 170    |     |    |
| 107 | KW100328 | Ø16 * 105L * Ø16 * 180L * 3F |        | 105    |        | 180    |     |    |
| 108 | KW100329 | Ø16 * 115L * Ø16 * 190L * 3F | 115    | 190    |        |        |     |    |
| 109 | KW100330 | Ø18 * 48L * Ø18 * 100L * 3F  | 18     | 48     | 18     | 100    |     |    |
| 110 | KW100331 | Ø20 * 22L * Ø20 * 80L * 3F   | 20     | 22     | 20     | 80     |     |    |
| 111 | KW100332 | Ø20 * 38L * Ø20 * 80L * 3F   |        | 38     |        |        |     |    |
| 112 | KW100333 | Ø20 * 48L * Ø20 * 100L * 3F  |        | 48     |        | 100    |     |    |
| 113 | KW100334 | Ø20 * 55L * Ø20 * 110L * 3F  |        | 55     |        |        |     |    |
| 114 | KW100335 | Ø20 * 65L * Ø20 * 120L * 3F  |        | 65     |        |        | 120 |    |
| 115 | KW100336 | Ø20 * 75L * Ø20 * 140L * 3F  |        | 75     |        | 140    |     |    |
| 116 | KW100337 | Ø20 * 85L * Ø20 * 150L * 3F  |        | 85     |        |        |     |    |
| 117 | KW100338 | Ø20 * 95L * Ø20 * 170L * 3F  |        | 95     |        |        | 170 |    |
| 118 | KW100339 | Ø20 * 105L * Ø20 * 180L * 3F |        | 105    |        | 180    |     |    |
| 119 | KW100340 | Ø20 * 115L * Ø20 * 190L * 3F |        | 115    |        | 190    |     |    |
| 120 | KW100341 | Ø20 * 125L * Ø20 * 210L * 3F |        | 125    |        | 210    |     |    |

ALUM A-CUT

강용 P-CUT

강용 리브 PR-CUT

고강도용 H-CUT

고강도 리브 HR-CUT

SUS S-CUT

센터링엔드밀 C-CUT

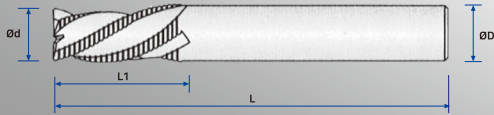
NC드릴 NC-DRILL





# 3날 알루미늄 라핑 엔드밀

3F Roughing Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)               | 외경(ød) | 날장(L1) | 상크(ØD) | 총기장(L) |
|----|----------|-----------------------------|--------|--------|--------|--------|
| 1  | KW100385 | Ø4 * 10L * Ø6 * 55L * 3F    | 4      | 10     | 6      | 55     |
| 2  | KW100386 | Ø5 * 15L * Ø6 * 55L * 3F    | 5      | 15     | 6      | 55     |
| 3  | KW100387 | Ø6 * 15L * Ø6 * 60L * 3F    | 6      | 15     | 6      | 60     |
| 4  | KW100388 | Ø6 * 25L * Ø6 * 80L * 3F    |        | 25     |        | 80     |
| 5  | KW100389 | Ø8 * 20L * Ø8 * 65L * 3F    | 8      | 20     | 8      | 65     |
| 6  | KW100390 | Ø8 * 30L * Ø8 * 90L * 3F    |        | 30     |        | 90     |
| 7  | KW100391 | Ø10 * 25L * Ø10 * 70L * 3F  | 10     | 25     | 10     | 70     |
| 8  | KW100392 | Ø10 * 40L * Ø10 * 100L * 3F |        | 40     |        | 100    |
| 9  | KW100393 | Ø12 * 30L * Ø12 * 80L * 3F  | 12     | 30     | 12     | 80     |
| 10 | KW100394 | Ø12 * 50L * Ø12 * 110L * 3F |        | 50     |        | 110    |
| 11 | KW100395 | Ø14 * 35L * Ø16 * 90L * 3F  | 14     | 35     | 16     | 90     |
| 12 | KW100396 | Ø16 * 45L * Ø16 * 100L * 3F | 16     | 42     | 16     | 100    |
| 13 | KW100397 | Ø16 * 52L * Ø16 * 150L * 3F |        | 52     |        | 150    |
| 14 | KW100398 | Ø18 * 45L * Ø20 * 100L * 3F | 18     | 45     | 20     | 100    |
| 15 | KW100399 | Ø20 * 48L * Ø20 * 100L * 3F | 20     | 48     | 20     | 100    |
| 16 | KW100400 | Ø20 * 55L * Ø20 * 160L * 3F |        | 55     |        | 160    |

A-CUT  
ALUM

P-CUT  
라핑

PR-CUT  
라핑

H-CUT  
고경도용

HR-CUT  
고경도 리브

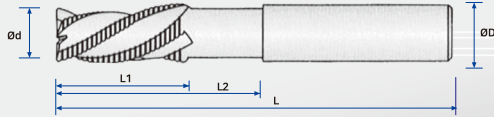
S-CUT  
SUS

C-CUT  
센터링엔드밀

NC-DRILL  
NC드릴

## 3날 알루미늄 리브 라핑 엔드밀

### 3F Rib Roughing Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)           | 외경(Ød) | 날장(L1) | 유효장(L2) | 상크(ØD) | 총가장(L) |
|----|----------|-------------------------|--------|--------|---------|--------|--------|
| 1  | KW100402 | Ø4*6L*12L*Ø6*60L*3F     | 4      | 6      | 12      | 6      | 60     |
| 2  | KW100403 | Ø5*7L*20L*Ø6*60L*3F     | 5      | 7      | 20      | 6      | 60     |
| 3  | KW100404 | Ø6*8L*20L*Ø6*70L*3F     | 6      | 8      | 20      | 6      | 70     |
| 4  | KW100405 | Ø8*10L*26L*Ø8*80L*3F    | 8      | 10     | 26      | 8      | 80     |
| 5  | KW100406 | Ø10*12L*32L*Ø10*90L*3F  | 10     | 12     | 32      | 10     | 90     |
| 6  | KW100407 | Ø12*14L*36L*Ø12*100L*3F | 12     | 14     | 36      | 12     | 100    |
| 7  | KW100408 | Ø16*18L*46L*Ø16*120L*3F | 16     | 18     | 46      | 16     | 120    |
| 8  | KW100409 | Ø20*22L*52L*Ø20*120L*3F | 20     | 22     | 52      | 20     | 120    |

ALUM  
A-CUT

강용  
P-CUT

강용 리브  
PR-CUT

고강도용  
H-CUT

고강도 리브  
HR-CUT

SUS  
S-CUT

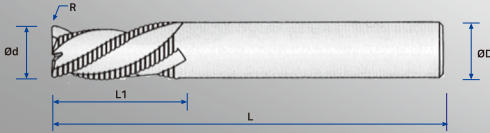
센터링엔드밀  
C-CUT

NC드릴  
NC-DRILL



# 3날 알루미늄 라핑 엔드밀 (고속가공용)

3F Roughing Endmill for Aluminium(High Speed)



| NO | CODE NO  | 규격 (Standard)                      | 외경(Ød) | 코너(R) | 날장(L1) | 상크(ØD) | 총기장(L) |
|----|----------|------------------------------------|--------|-------|--------|--------|--------|
| 1  | KW103166 | Ø6 * R0.5 * 17L * Ø6 * 60L * 3F    | 6      | R0.5  | 17     | 6      | 60     |
| 2  | KW103168 | Ø8 * R0.5 * 22L * Ø8 * 65L * 3F    | 8      | R0.5  | 22     | 8      | 65     |
| 3  | KW103169 | Ø10 * R1.0 * 27L * Ø10 * 70L * 3F  | 10     | R1    | 27     | 10     | 70     |
| 4  | KW103170 | Ø12 * R1.0 * 32L * Ø12 * 80L * 3F  | 12     | R1    | 32     | 12     | 80     |
| 5  | KW103171 | Ø14 * R1.5 * 35L * Ø16 * 90L * 3F  | 14     | R1.5  | 35     | 16     | 90     |
| 6  | KW103172 | Ø16 * R1.5 * 42L * Ø16 * 100L * 3F | 16     | R1.5  | 42     | 16     | 100    |
| 7  | KW103173 | Ø18 * R1.5 * 45L * Ø20 * 100L * 3F | 18     | R1.5  | 45     | 20     | 100    |
| 8  | KW103174 | Ø20 * R2.0 * 48L * Ø20 * 100L * 3F | 20     | R2    | 48     | 20     | 100    |

A-CUT  
ALUM

P-CUT  
라핑

PR-CUT  
라핑

H-CUT  
고속용

HR-CUT  
고속용

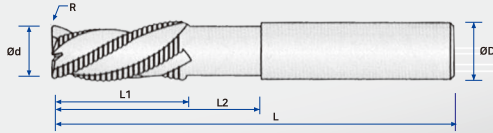
S-CUT  
SUS

C-CUT  
센터링엔드밀

NC-DRILL  
NC드릴

## 3날 알루미늄 리브 라핑 엔드밀 (고속가공용)

3F Rib Roughing Endmill for Aluminium(High Speed)



| NO | CODE NO  | 규격 (Standard)                | 외경(Ød) | 코너(R) | 날장(L1) | 유효장(L2) | 상크(ØD) | 총가장(L) |
|----|----------|------------------------------|--------|-------|--------|---------|--------|--------|
| 1  | KW103175 | Ø6*R0.5*8L*20L*Ø6*70L*3F     | 6      | R0.5  | 8      | 20      | 6      | 70     |
| 2  | KW103177 | Ø8*R0.5*10L*26L*Ø8*80L*3F    | 8      | R0.5  | 10     | 26      | 8      | 80     |
| 3  | KW103178 | Ø10*R1.0*12L*32L*Ø10*90L*3F  | 10     | R1    | 12     | 32      | 10     | 90     |
| 4  | KW103179 | Ø12*R1.0*14L*36L*Ø12*100L*3F | 12     | R1    | 14     | 36      | 12     | 100    |
| 5  | KW103180 | Ø16*R1.5*18L*46L*Ø16*120L*3F | 16     | R1.5  | 18     | 46      | 16     | 120    |
| 6  | KW103181 | Ø20*R2.0*22L*52L*Ø20*120L*3F | 20     | R2    | 22     | 52      | 20     | 120    |

ALUM  
A-CUT

강용  
P-CUT

강용 리브  
PR-CUT

고강도용  
H-CUT

고강도 리브  
HR-CUT

SUS  
S-CUT

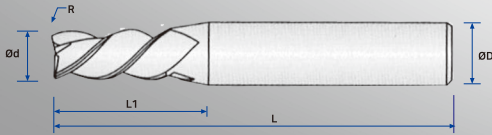
센터링엔드밀  
C-CUT

NC드릴  
NC-DRILL



# 3날 알루미늄 코너R 엔드밀

3F Corner R Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)                      | 외경(Ød) | 코너(R) | 날장(L1) | 상크(ØD) | 총가장(L) |
|----|----------|------------------------------------|--------|-------|--------|--------|--------|
| 1  | KW103183 | Ø1 * R0.1 * 3L * Ø6 * 50L * 3F     | 1      | R0.1  | 3      | 6      | 50     |
| 2  | KW103184 | Ø1.5 * R0.1 * 5L * Ø6 * 50L * 3F   | 1.5    | R0.1  | 5      |        |        |
| 3  | KW103185 | Ø2 * R0.1 * 6L * Ø6 * 50L * 3F     | 2      | R0.1  | 6      |        |        |
| 4  | KW103186 | Ø2.5 * R0.2 * 10L * Ø6 * 50L * 3F  | 2.5    | R0.2  | 10     | 6      | 55     |
| 5  | KW103187 | Ø3 * R0.2 * 11L * Ø6 * 55L * 3F    | 3      | R0.2  | 11     |        |        |
| 6  | KW103188 | Ø4 * R0.2 * 13L * Ø6 * 55L * 3F    | 4      | R0.2  | 13     |        |        |
| 7  | KW103189 | Ø5 * R0.2 * 17L * Ø6 * 55L * 3F    | 5      | R0.2  | 17     | 6      | 60     |
| 8  | KW103190 | Ø6 * R0.3 * 17L * Ø6 * 60L * 3F    | 6      | R0.3  | 17     | 8      | 70     |
| 9  | KW103191 | Ø8 * R0.3 * 22L * Ø8 * 70L * 3F    | 8      | R0.3  | 22     | 10     | 75     |
| 10 | KW103192 | Ø10 * R0.3 * 27L * Ø10 * 75L * 3F  | 10     | R0.3  | 27     | 12     | 80     |
| 11 | KW103193 | Ø12 * R0.5 * 32L * Ø12 * 80L * 3F  | 12     | R0.5  | 32     | 16     | 90     |
| 12 | KW103194 | Ø14 * R0.5 * 37L * Ø16 * 90L * 3F  | 14     | R0.5  | 37     | 18     | 100    |
| 13 | KW103195 | Ø16 * R0.5 * 42L * Ø16 * 100L * 3F | 16     | R0.5  | 42     | 18     | 100    |
| 14 | KW103196 | Ø18 * R0.5 * 48L * Ø18 * 100L * 3F | 18     | R0.5  | 48     | 20     | 100    |
| 15 | KW103197 | Ø20 * R0.5 * 48L * Ø20 * 100L * 3F | 20     | R0.5  | 48     |        |        |

A-CUT  
ALUM

P-CUT  
강용

P-CUT  
강 리브 용

H-CUT  
강용

H-CUT  
강 리브

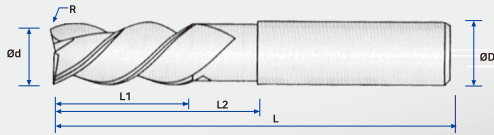
S-CUT  
SUS

C-CUT  
센터링엔드밀

NC-DRILL  
NC드릴

## 3날 알루미늄 리브 코너R 엔드밀

### 3F Rib Corner R Endmill for Aluminium



| NO | CODE NO  | 규격 (Standard)                            | 외경(Ød) | 코너(R) | 날장(L1) | 유효장(L2) | 상크(ØD) | 총기장(L) |
|----|----------|--|--------|-------|--------|---------|--------|--------|
| 1  | KW103199 | Ø6 * R0.5 * 10L * 20L * Ø6 * 70L * 3F    | 6      | R0.5  | 10     | 20      | 6      | 70     |
| 2  | KW103200 | Ø6 * R1.0 * 10L * 20L * Ø6 * 70L * 3F    |        | R1.0  |        |         |        |        |
| 3  | KW103201 | Ø8 * R0.5 * 12L * 25L * Ø8 * 80L * 3F    | 8      | R0.5  | 12     | 25      | 8      | 80     |
| 4  | KW103202 | Ø8 * R1.0 * 12L * 25L * Ø8 * 80L * 3F    |        | R1.0  |        |         |        |        |
| 5  | KW103203 | Ø8 * R2.0 * 12L * 25L * Ø8 * 80L * 3F    |        | R2.0  |        |         |        |        |
| 6  | KW103204 | Ø8 * R3.0 * 12L * 25L * Ø8 * 80L * 3F    |        | R3.0  |        |         |        |        |
| 7  | KW103205 | Ø10 * R0.5 * 15L * 30L * Ø10 * 100L * 3F | 10     | R0.5  | 15     | 30      | 10     | 100    |
| 8  | KW103206 | Ø10 * R1.0 * 15L * 30L * Ø10 * 100L * 3F |        | R1.0  |        |         |        |        |
| 9  | KW103207 | Ø10 * R2.0 * 15L * 30L * Ø10 * 100L * 3F |        | R2.0  |        |         |        |        |
| 10 | KW103208 | Ø10 * R3.0 * 15L * 30L * Ø10 * 100L * 3F |        | R3.0  |        |         |        |        |
| 11 | KW103209 | Ø12 * R0.5 * 20L * 35L * Ø12 * 110L * 3F | 12     | R0.5  | 20     | 35      | 12     | 110    |
| 12 | KW103210 | Ø12 * R1.0 * 20L * 35L * Ø12 * 110L * 3F |        | R1.0  |        |         |        |        |
| 13 | KW103211 | Ø12 * R2.0 * 20L * 35L * Ø12 * 110L * 3F |        | R2.0  |        |         |        |        |
| 14 | KW103212 | Ø12 * R3.0 * 20L * 35L * Ø12 * 110L * 3F |        | R3.0  |        |         |        |        |
| 15 | KW103213 | Ø12 * R4.0 * 20L * 35L * Ø12 * 110L * 3F |        | R4.0  |        |         |        |        |
| 16 | KW103214 | Ø16 * R1.0 * 25L * 50L * Ø16 * 130L * 3F | 16     | R1.0  | 25     | 50      | 16     | 130    |
| 17 | KW103215 | Ø16 * R2.0 * 25L * 50L * Ø16 * 130L * 3F |        | R2.0  |        |         |        |        |
| 18 | KW103216 | Ø16 * R3.0 * 25L * 50L * Ø16 * 130L * 3F |        | R3.0  |        |         |        |        |
| 19 | KW103217 | Ø16 * R4.0 * 25L * 50L * Ø16 * 130L * 3F |        | R4.0  |        |         |        |        |
| 20 | KW103218 | Ø16 * R5.0 * 25L * 50L * Ø16 * 130L * 3F |        | R5.0  |        |         |        |        |
| 21 | KW103219 | Ø20 * R1.0 * 30L * 60L * Ø20 * 150L * 3F | 20     | R1.0  | 30     | 60      | 20     | 150    |
| 22 | KW103220 | Ø20 * R2.0 * 30L * 60L * Ø20 * 150L * 3F |        | R2.0  |        |         |        |        |
| 23 | KW103221 | Ø20 * R3.0 * 30L * 60L * Ø20 * 150L * 3F |        | R3.0  |        |         |        |        |
| 24 | KW103222 | Ø20 * R4.0 * 30L * 60L * Ø20 * 150L * 3F |        | R4.0  |        |         |        |        |
| 25 | KW103223 | Ø20 * R5.0 * 30L * 60L * Ø20 * 150L * 3F |        | R5.0  |        |         |        |        |

- ALUM A-CUT
- 강용 P-CUT
- 강용 리브 PR-CUT
- 고강도용 H-CUT
- 고강도 리브 HR-CUT
- SUS S-CUT
- 센터링엔드밀 C-CUT
- NC드릴 NC-DRILL