



- 그래파이트(흑연), 강화플라스틱, 탄소섬유 등 비철,비금속 계열의 다양한 피삭재 전용 엔드밀
- CVD 순수 다이아몬드 코팅을 적용하여 내마모성이 우수합니다.
- 다양한 피삭재의 형상에 적용하도록 규격을 다양화하여, 넓은 가공 영역에 뛰어난 수명과 성능을 발휘합니다.
- Endmills for Graphite, reinforced plastic, carbon fiber, Non-ferrous and non-metallic materials.
- Excellent wear resistance by applying qualified CVD diamond coating.
- Wide range products prepared for various work shape and excellent performance.



R0.02 ~ 0.5

1R

| D Size | D Tolerance |
|----------|-------------------|
| Ø0.2 ~ 5 | +0 ~ -0.01mm |
| Ø6 | -0.005 ~ -0.015mm |

단위 : mm

FOR GRAPHITE

| Order Number | 날경 Diameter D x R | 날장 Length of cut L1 | 유효장 Effective Length L2 | 전장 Overall Length L | 샤프크 Shank Dia d | 비고 | Order Number | 날경 Diameter D x R | 날장 Length of cut L1 | 유효장 Effective Length L2 | 전장 Overall Length L | 샤프크 Shank Dia d | 비고 |
|-------------------|-------------------------|---------------------------|-------------------------------|---------------------------|-----------------------|----|-------------------|-------------------------|---------------------------|-------------------------------|---------------------------|-----------------------|----|
| 2DCR 002 0002 015 | 0.2 X R0.02 | 0.5 | 1.5 | 60 | 4 | | 2DCR 015 001 150 | 1.5 X R0.1 | 3 | 15 | 60 | 4 | |
| 2DCR 003 0002 015 | 0.3 X R0.02 | 0.6 | 1.5 | 60 | 4 | | 2DCR 015 001 200 | 1.5 X R0.1 | 3 | 20 | 60 | 4 | |
| 2DCR 003 0002 030 | 0.3 X R0.02 | 0.6 | 3 | 60 | 4 | | 2DCR 015 0015 030 | 1.5 X R0.15 | 3 | - | 60 | 4 | |
| 2DCR 003 0002 045 | 0.3 X R0.02 | 0.6 | 4.5 | 60 | 4 | | 2DCR 015 0015 050 | 1.5 X R0.15 | 3 | 5 | 60 | 4 | |
| 2DCR 003 0002 060 | 0.3 X R0.02 | 0.6 | 6 | 60 | 4 | | 2DCR 015 0015 100 | 1.5 X R0.15 | 3 | 10 | 60 | 4 | |
| 2DCR 004 0002 020 | 0.4 X R0.02 | 0.8 | 2 | 60 | 4 | | 2DCR 015 0015 150 | 1.5 X R0.15 | 3 | 15 | 60 | 4 | |
| 2DCR 004 0002 040 | 0.4 X R0.02 | 0.8 | 4 | 60 | 4 | | 2DCR 015 0015 200 | 1.5 X R0.15 | 3 | 20 | 60 | 4 | |
| 2DCR 004 0002 060 | 0.4 X R0.02 | 0.8 | 6 | 60 | 4 | | 2DCR 015 002 030 | 1.5 X R0.2 | 3 | - | 60 | 4 | |
| 2DCR 004 0002 080 | 0.4 X R0.02 | 0.8 | 8 | 60 | 4 | | 2DCR 015 002 050 | 1.5 X R0.2 | 3 | 5 | 60 | 4 | |
| 2DCR 005 0005 010 | 0.5 X R0.05 | 1 | - | 60 | 4 | | 2DCR 015 002 100 | 1.5 X R0.2 | 3 | 10 | 60 | 4 | |
| 2DCR 005 0005 025 | 0.5 X R0.05 | 1 | 2.5 | 60 | 4 | | 2DCR 015 002 150 | 1.5 X R0.2 | 3 | 15 | 60 | 4 | |
| 2DCR 005 0005 035 | 0.5 X R0.05 | 1 | 3.5 | 60 | 4 | | 2DCR 015 002 200 | 1.5 X R0.2 | 3 | 20 | 60 | 4 | |
| 2DCR 005 0005 050 | 0.5 X R0.05 | 1 | 5 | 60 | 4 | | 2DCR 015 003 030 | 1.5 X R0.3 | 3 | - | 60 | 4 | |
| 2DCR 005 0005 075 | 0.5 X R0.05 | 1 | 7.5 | 60 | 4 | | 2DCR 015 003 050 | 1.5 X R0.3 | 3 | 5 | 60 | 4 | |
| 2DCR 005 0005 100 | 0.5 X R0.05 | 1 | 10 | 60 | 4 | | 2DCR 015 003 100 | 1.5 X R0.3 | 3 | 10 | 60 | 4 | |
| 2DCR 006 0005 012 | 0.6 X R0.05 | 1.2 | - | 60 | 4 | | 2DCR 015 003 150 | 1.5 X R0.3 | 3 | 15 | 60 | 4 | |
| 2DCR 006 0005 030 | 0.6 X R0.05 | 1.2 | 3 | 60 | 4 | | 2DCR 015 003 200 | 1.5 X R0.3 | 3 | 20 | 60 | 4 | |
| 2DCR 006 0005 060 | 0.6 X R0.05 | 1.2 | 6 | 60 | 4 | | 2DCR 020 0005 035 | 2 X R0.05 | 3.5 | - | 60 | 4 | |
| 2DCR 006 0005 090 | 0.6 X R0.05 | 1.2 | 9 | 60 | 4 | | 2DCR 020 0005 060 | 2 X R0.05 | 3.5 | 6 | 60 | 4 | |
| 2DCR 006 0005 120 | 0.6 X R0.05 | 1.2 | 12 | 60 | 4 | | 2DCR 020 0005 120 | 2 X R0.05 | 3.5 | 12 | 60 | 4 | |
| 2DCR 008 0005 016 | 0.8 X R0.05 | 1.6 | - | 60 | 4 | | 2DCR 020 0005 180 | 2 X R0.05 | 3.5 | 18 | 60 | 4 | |
| 2DCR 008 0005 040 | 0.8 X R0.05 | 1.6 | 4 | 60 | 4 | | 2DCR 020 0005 250 | 2 X R0.05 | 3.5 | 25 | 60 | 4 | |
| 2DCR 008 0005 080 | 0.8 X R0.05 | 1.6 | 8 | 60 | 4 | | 2DCR 020 0005 300 | 2 X R0.05 | 3.5 | 30 | 60 | 4 | |
| 2DCR 008 0005 100 | 0.8 X R0.05 | 1.6 | 10 | 60 | 4 | | 2DCR 020 002 035 | 2 X R0.2 | 3.5 | - | 60 | 4 | |
| 2DCR 008 0005 160 | 0.8 X R0.05 | 1.6 | 16 | 60 | 4 | | 2DCR 020 002 060 | 2 X R0.2 | 3.5 | 6 | 60 | 4 | |
| 2DCR 010 0005 020 | 1 X R0.05 | 2 | - | 60 | 4 | | 2DCR 020 002 120 | 2 X R0.2 | 3.5 | 12 | 60 | 4 | |
| 2DCR 010 0005 050 | 1 X R0.05 | 2 | 5 | 60 | 4 | | 2DCR 020 002 180 | 2 X R0.2 | 3.5 | 18 | 60 | 4 | |
| 2DCR 010 0005 100 | 1 X R0.05 | 2 | 10 | 60 | 4 | | 2DCR 020 002 250 | 2 X R0.2 | 3.5 | 25 | 60 | 4 | |
| 2DCR 010 0005 150 | 1 X R0.05 | 2 | 15 | 60 | 4 | | 2DCR 020 002 300 | 2 X R0.2 | 3.5 | 30 | 60 | 4 | |
| 2DCR 010 0005 200 | 1 X R0.05 | 2 | 20 | 60 | 4 | | 2DCR 020 003 035 | 2 X R0.3 | 3.5 | - | 60 | 4 | |
| 2DCR 010 001 020 | 1 X R0.1 | 2 | - | 60 | 4 | | 2DCR 020 003 060 | 2 X R0.3 | 3.5 | 6 | 60 | 4 | |
| 2DCR 010 001 050 | 1 X R0.1 | 2 | 5 | 60 | 4 | | 2DCR 020 003 120 | 2 X R0.3 | 3.5 | 12 | 60 | 4 | |
| 2DCR 010 001 100 | 1 X R0.1 | 2 | 10 | 60 | 4 | | 2DCR 020 003 180 | 2 X R0.3 | 3.5 | 18 | 60 | 4 | |
| 2DCR 010 001 150 | 1 X R0.1 | 2 | 15 | 60 | 4 | | 2DCR 020 003 250 | 2 X R0.3 | 3.5 | 25 | 60 | 4 | |
| 2DCR 010 001 200 | 1 X R0.1 | 2 | 20 | 60 | 4 | | 2DCR 020 003 300 | 2 X R0.3 | 3.5 | 30 | 60 | 4 | |
| 2DCR 010 002 020 | 1 X R0.2 | 2 | - | 60 | 4 | | 2DCR 020 005 035 | 2 X R0.5 | 3.5 | - | 60 | 4 | |
| 2DCR 010 002 050 | 1 X R0.2 | 2 | 5 | 60 | 4 | | 2DCR 020 005 060 | 2 X R0.5 | 3.5 | 6 | 60 | 4 | |
| 2DCR 010 002 100 | 1 X R0.2 | 2 | 10 | 60 | 4 | | 2DCR 020 005 120 | 2 X R0.5 | 3.5 | 12 | 60 | 4 | |
| 2DCR 010 002 150 | 1 X R0.2 | 2 | 15 | 60 | 4 | | 2DCR 020 005 180 | 2 X R0.5 | 3.5 | 18 | 60 | 4 | |
| 2DCR 010 002 200 | 1 X R0.2 | 2 | 20 | 60 | 4 | | 2DCR 020 005 250 | 2 X R0.5 | 3.5 | 25 | 60 | 4 | |
| 2DCR 015 0005 030 | 1.5 X R0.05 | 3 | - | 60 | 4 | | 2DCR 020 005 300 | 2 X R0.5 | 3.5 | 30 | 60 | 4 | |
| 2DCR 015 0005 050 | 1.5 X R0.05 | 3 | 5 | 60 | 4 | | 2DCR 030 0005 040 | 3 X R0.05 | 4 | - | 80 | 4 | |
| 2DCR 015 0005 100 | 1.5 X R0.05 | 3 | 10 | 60 | 4 | | 2DCR 030 0005 100 | 3 X R0.05 | 4 | 10 | 80 | 4 | |
| 2DCR 015 0005 150 | 1.5 X R0.05 | 3 | 15 | 60 | 4 | | 2DCR 030 0005 200 | 3 X R0.05 | 4 | 20 | 80 | 4 | |
| 2DCR 015 0005 200 | 1.5 X R0.05 | 3 | 20 | 60 | 4 | | 2DCR 030 0005 300 | 3 X R0.05 | 4 | 30 | 80 | 4 | |
| 2DCR 015 001 030 | 1.5 X R0.1 | 3 | - | 60 | 4 | | 2DCR 030 0005 400 | 3 X R0.05 | 4 | 40 | 80 | 4 | |
| 2DCR 015 001 050 | 1.5 X R0.1 | 3 | 5 | 60 | 4 | | 2DCR 030 002 040 | 3 X R0.2 | 4 | - | 80 | 4 | |
| 2DCR 015 001 100 | 1.5 X R0.1 | 3 | 10 | 60 | 4 | | 2DCR 030 002 100 | 3 X R0.2 | 4 | 10 | 80 | 4 | |

단위 : mm

| Order Number | 날경 Diameter D×R | 날장 Length of cut L1 | 유효장 Effective Length L2 | 전장 Overall Length L | 샙크 Shank Dia d | 비고 | Order Number | 날경 Diameter D×R | 날장 Length of cut L1 | 유효장 Effective Length L2 | 전장 Overall Length L | 샙크 Shank Dia d | 비고 |
|-------------------|-----------------------|---------------------------|-------------------------------|---------------------------|----------------------|----|-------------------|-----------------------|---------------------------|-------------------------------|---------------------------|----------------------|----|
| 2DCR 030 002 200 | 3 X R0.2 | 4 | 20 | 80 | 4 | | 2DCR 060 0005 300 | 6 X R0.05 | 7 | 30 | 110 | 6 | |
| 2DCR 030 002 300 | 3 X R0.2 | 4 | 30 | 80 | 4 | | 2DCR 060 0005 500 | 6 X R0.05 | 7 | 50 | 110 | 6 | |
| 2DCR 030 002 400 | 3 X R0.2 | 4 | 40 | 80 | 4 | | 2DCR 060 002 070 | 6 X R0.2 | 7 | - | 110 | 6 | |
| 2DCR 030 003 040 | 3 X R0.3 | 4 | - | 80 | 4 | | 2DCR 060 002 200 | 6 X R0.2 | 7 | 20 | 110 | 6 | |
| 2DCR 030 003 100 | 3 X R0.3 | 4 | 10 | 80 | 4 | | 2DCR 060 002 300 | 6 X R0.2 | 7 | 30 | 110 | 6 | |
| 2DCR 030 003 200 | 3 X R0.3 | 4 | 20 | 80 | 4 | | 2DCR 060 002 500 | 6 X R0.2 | 7 | 50 | 110 | 6 | |
| 2DCR 030 003 300 | 3 X R0.3 | 4 | 30 | 80 | 4 | | 2DCR 060 005 070 | 6 X R0.5 | 7 | - | 110 | 6 | |
| 2DCR 030 003 400 | 3 X R0.3 | 4 | 40 | 80 | 4 | | 2DCR 060 005 200 | 6 X R0.5 | 7 | 20 | 110 | 6 | |
| 2DCR 030 005 040 | 3 X R0.5 | 4 | - | 80 | 4 | | 2DCR 060 005 300 | 6 X R0.5 | 7 | 30 | 110 | 6 | |
| 2DCR 030 005 100 | 3 X R0.5 | 4 | 10 | 80 | 4 | | 2DCR 060 005 500 | 6 X R0.5 | 7 | 50 | 110 | 6 | |
| 2DCR 030 005 200 | 3 X R0.5 | 4 | 20 | 80 | 4 | | 2DCR 060 010 070 | 6 X R1 | 7 | - | 110 | 6 | |
| 2DCR 030 005 300 | 3 X R0.5 | 4 | 30 | 80 | 4 | | 2DCR 060 010 200 | 6 X R1 | 7 | 20 | 110 | 6 | |
| 2DCR 030 005 400 | 3 X R0.5 | 4 | 40 | 80 | 4 | | 2DCR 060 010 300 | 6 X R1 | 7 | 30 | 110 | 6 | |
| 2DCR 030 010 040 | 3 X R1 | 4 | - | 80 | 4 | | 2DCR 060 010 500 | 6 X R1 | 7 | 50 | 110 | 6 | |
| 2DCR 030 010 100 | 3 X R1 | 4 | 10 | 80 | 4 | | | | | | | | |
| 2DCR 030 010 200 | 3 X R1 | 4 | 20 | 80 | 4 | | | | | | | | |
| 2DCR 030 010 300 | 3 X R1 | 4 | 30 | 80 | 4 | | | | | | | | |
| 2DCR 030 010 400 | 3 X R1 | 4 | 40 | 80 | 4 | | | | | | | | |
| 2DCR 040 0005 050 | 4 X R0.05 | 5 | - | 80 | 4 | | | | | | | | |
| 2DCR 040 0005 150 | 4 X R0.05 | 5 | 15 | 80 | 4 | | | | | | | | |
| 2DCR 040 0005 250 | 4 X R0.05 | 5 | 25 | 80 | 4 | | | | | | | | |
| 2DCR 040 0005 400 | 4 X R0.05 | 5 | 40 | 80 | 4 | | | | | | | | |
| 2DCR 040 002 050 | 4 X R0.2 | 5 | - | 80 | 4 | | | | | | | | |
| 2DCR 040 002 150 | 4 X R0.2 | 5 | 15 | 80 | 4 | | | | | | | | |
| 2DCR 040 002 250 | 4 X R0.2 | 5 | 25 | 80 | 4 | | | | | | | | |
| 2DCR 040 002 400 | 4 X R0.2 | 5 | 40 | 80 | 4 | | | | | | | | |
| 2DCR 040 005 050 | 4 X R0.5 | 5 | - | 80 | 4 | | | | | | | | |
| 2DCR 040 005 150 | 4 X R0.5 | 5 | 15 | 80 | 4 | | | | | | | | |
| 2DCR 040 005 250 | 4 X R0.5 | 5 | 25 | 80 | 4 | | | | | | | | |
| 2DCR 040 005 400 | 4 X R0.5 | 5 | 40 | 80 | 4 | | | | | | | | |
| 2DCR 040 010 050 | 4 X R1 | 5 | - | 80 | 4 | | | | | | | | |
| 2DCR 040 010 150 | 4 X R1 | 5 | 15 | 80 | 4 | | | | | | | | |
| 2DCR 040 010 250 | 4 X R1 | 5 | 25 | 80 | 4 | | | | | | | | |
| 2DCR 040 010 400 | 4 X R1 | 5 | 40 | 80 | 4 | | | | | | | | |
| 2DCR 050 0005 060 | 5 X R0.05 | 6 | - | 110 | 6 | | | | | | | | |
| 2DCR 050 0005 150 | 5 X R0.05 | 6 | 15 | 110 | 6 | | | | | | | | |
| 2DCR 050 0005 300 | 5 X R0.05 | 6 | 30 | 110 | 6 | | | | | | | | |
| 2DCR 050 0005 500 | 5 X R0.05 | 6 | 50 | 110 | 6 | | | | | | | | |
| 2DCR 050 002 060 | 5 X R0.2 | 6 | - | 110 | 6 | | | | | | | | |
| 2DCR 050 002 150 | 5 X R0.2 | 6 | 15 | 110 | 6 | | | | | | | | |
| 2DCR 050 002 300 | 5 X R0.2 | 6 | 30 | 110 | 6 | | | | | | | | |
| 2DCR 050 002 500 | 5 X R0.2 | 6 | 50 | 110 | 6 | | | | | | | | |
| 2DCR 050 005 060 | 5 X R0.5 | 6 | - | 110 | 6 | | | | | | | | |
| 2DCR 050 005 150 | 5 X R0.5 | 6 | 15 | 110 | 6 | | | | | | | | |
| 2DCR 050 005 300 | 5 X R0.5 | 6 | 30 | 110 | 6 | | | | | | | | |
| 2DCR 050 005 500 | 5 X R0.5 | 6 | 50 | 110 | 6 | | | | | | | | |
| 2DCR 060 0005 070 | 6 X R0.05 | 7 | - | 110 | 6 | | | | | | | | |
| 2DCR 060 0005 200 | 6 X R0.05 | 7 | 20 | 110 | 6 | | | | | | | | |

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