



- 고경도강(HRc50~72)의 고정밀(±5μm) 정삭 가공용 엔드밀
- 고품질의 PCBN 소재를 적용하여 장시간가공이 가능합니다.
- 날부인선의 조도가 뛰어나 경면가공에 적합합니다.
- 다양한 유효장을 적용함으로써 최상의 작업이 가능합니다.
- 오일미스트 사용을 권장하며, RPM 2만~5만 범위의 고속가공을 추천합니다
- C.B.N (Cubic Boron Nitride)

### • PCBN Endmills for precise finishing (±5μm) of hardened steels (HRc50~72)

- Long tool life by high content PCBN.
- Excellent surface finish.
- Various flute length for optimum performance.
- Recommend high speed (20,000~50,000RPM) with oil-mist.
- C.B.N (Cubic Boron Nitride)

2

CBN

R

R

R

30°

CUTTING DATA

0.1 ~ 1.25R    1.5 ~ 2R    3R    401P

D Size	D Tolerance
ø0.2 ~ 6	+0 ~ -0.01mm

단위 : mm

Order Number	날경 Diameter R × D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고	Order Number	날경 Diameter R × D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2BCBN 002 002 S04	0.1R X 0.2	0.2	-	48	4		2BCBN 010 050 S04	0.5R X 1	0.7	5	48	4	
2BCBN 002 004 S04	0.1R X 0.2	0.4	-	48	4		2BCBN 010 060 S04	0.5R X 1	0.7	6	48	4	
2BCBN 003 003 S04	0.15R X 0.3	0.3	-	48	4		2BCBN 010 080 S04	0.5R X 1	0.7	8	48	4	
2BCBN 003 005 S04	0.15R X 0.3	0.5	-	48	4		2BCBN 010 100 S04	0.5R X 1	0.7	10	48	4	
2BCBN 004 003 S04	0.2R X 0.4	0.3	-	48	4		2BCBN 010 120 S04	0.5R X 1	0.7	12	48	4	
2BCBN 004 010 S04	0.2R X 0.4	0.3	1	48	4		2BCBN 010 160 S04	0.5R X 1	0.7	16	48	4	
2BCBN 004 015 S04	0.2R X 0.4	0.3	1.5	48	4		2BCBN 012 008 S04	0.6R X 1.2	0.8	-	48	4	
2BCBN 004 020 S04	0.2R X 0.4	0.3	2	48	4		2BCBN 012 020 S04	0.6R X 1.2	0.8	2	48	4	
2BCBN 004 030 S04	0.2R X 0.4	0.3	3	48	4		2BCBN 012 040 S04	0.6R X 1.2	0.8	4	48	4	
2BCBN 004 040 S04	0.2R X 0.4	0.3	4	48	4		2BCBN 012 060 S04	0.6R X 1.2	0.8	6	48	4	
2BCBN 004 050 S04	0.2R X 0.4	0.3	5	48	4		2BCBN 012 080 S04	0.6R X 1.2	0.8	8	48	4	
2BCBN 004 060 S04	0.2R X 0.4	0.3	6	48	4		2BCBN 012 100 S04	0.6R X 1.2	0.8	10	48	4	
2BCBN 005 004 S04	0.25R X 0.5	0.4	-	48	4		2BCBN 012 120 S04	0.6R X 1.2	0.8	12	48	4	
2BCBN 005 010 S04	0.25R X 0.5	0.4	1	48	4		2BCBN 012 160 S04	0.6R X 1.2	0.8	16	48	4	
2BCBN 005 015 S04	0.25R X 0.5	0.4	1.5	48	4		2BCBN 015 010 S04	0.75R X 1.5	1	-	48	4	
2BCBN 005 020 S04	0.25R X 0.5	0.4	2	48	4		2BCBN 015 020 S04	0.75R X 1.5	1	2	48	4	
2BCBN 005 030 S04	0.25R X 0.5	0.4	3	48	4		2BCBN 015 040 S04	0.75R X 1.5	1	4	48	4	
2BCBN 005 040 S04	0.25R X 0.5	0.4	4	48	4		2BCBN 015 060 S04	0.75R X 1.5	1	6	48	4	
2BCBN 005 050 S04	0.25R X 0.5	0.4	5	48	4		2BCBN 015 080 S04	0.75R X 1.5	1	8	48	4	
2BCBN 005 060 S04	0.25R X 0.5	0.4	6	48	4		2BCBN 015 100 S04	0.75R X 1.5	1	10	48	4	
2BCBN 005 080 S04	0.25R X 0.5	0.4	8	48	4		2BCBN 015 120 S04	0.75R X 1.5	1	12	48	4	
2BCBN 006 005 S04	0.3R X 0.6	0.5	-	48	4		2BCBN 015 140 S04	0.75R X 1.5	1	14	48	4	
2BCBN 006 010 S04	0.3R X 0.6	0.5	1	48	4		2BCBN 015 160 S04	0.75R X 1.5	1	16	48	4	
2BCBN 006 015 S04	0.3R X 0.6	0.5	1.5	48	4		2BCBN 015 180 S04	0.75R X 1.5	1	18	48	4	
2BCBN 006 020 S04	0.3R X 0.6	0.5	2	48	4		2BCBN 020 012 S04	1R X 2	1.2	-	50	4	
2BCBN 006 030 S04	0.3R X 0.6	0.5	3	48	4		2BCBN 020 030 S04	1R X 2	1.2	3	50	4	
2BCBN 006 040 S04	0.3R X 0.6	0.5	4	48	4		2BCBN 020 040 S04	1R X 2	1.2	4	50	4	
2BCBN 006 050 S04	0.3R X 0.6	0.5	5	48	4		2BCBN 020 060 S04	1R X 2	1.2	6	50	4	
2BCBN 006 060 S04	0.3R X 0.6	0.5	6	48	4		2BCBN 020 080 S04	1R X 2	1.2	8	50	4	
2BCBN 006 080 S04	0.3R X 0.6	0.5	8	48	4		2BCBN 020 100 S04	1R X 2	1.2	10	50	4	
2BCBN 006 100 S04	0.3R X 0.6	0.5	10	48	4		2BCBN 020 120 S04	1R X 2	1.2	12	50	4	
2BCBN 007 005 S04	0.35R X 0.7	0.5	-	48	4		2BCBN 020 140 S04	1R X 2	1.2	14	50	4	
2BCBN 007 010 S04	0.35R X 0.7	0.5	1	48	4		2BCBN 020 160 S04	1R X 2	1.2	16	50	4	
2BCBN 007 020 S04	0.35R X 0.7	0.5	2	48	4		2BCBN 020 180 S04	1R X 2	1.2	18	50	4	
2BCBN 007 040 S04	0.35R X 0.7	0.5	4	48	4		2BCBN 025 016 S06	1.25R X 2.5	1.6	-	66	6	
2BCBN 008 006 S04	0.4R X 0.8	0.6	-	48	4		2BCBN 025 030 S06	1.25R X 2.5	1.6	3	66	6	
2BCBN 008 010 S04	0.4R X 0.8	0.6	1	48	4		2BCBN 025 060 S06	1.25R X 2.5	1.6	6	66	6	
2BCBN 008 020 S04	0.4R X 0.8	0.6	2	48	4		2BCBN 025 100 S06	1.25R X 2.5	1.6	10	66	6	
2BCBN 008 040 S04	0.4R X 0.8	0.6	4	48	4		2BCBN 025 160 S06	1.25R X 2.5	1.6	16	66	6	
2BCBN 008 060 S04	0.4R X 0.8	0.6	6	48	4		2BCBN 025 200 S06	1.25R X 2.5	1.6	20	66	6	
2BCBN 008 080 S04	0.4R X 0.8	0.6	8	48	4		2BCBN 030 018 S06	1.5R X 3	1.8	-	66	6	
2BCBN 008 100 S04	0.4R X 0.8	0.6	10	48	4		2BCBN 030 030 S06	1.5R X 3	1.8	3	66	6	
2BCBN 009 006 S04	0.45R X 0.9	0.6	-	48	4		2BCBN 030 060 S06	1.5R X 3	1.8	6	66	6	
2BCBN 009 010 S04	0.45R X 0.9	0.6	1	48	4		2BCBN 030 080 S06	1.5R X 3	1.8	8	66	6	
2BCBN 009 020 S04	0.45R X 0.9	0.6	2	48	4		2BCBN 030 100 S06	1.5R X 3	1.8	10	66	6	
2BCBN 009 040 S04	0.45R X 0.9	0.6	4	48	4		2BCBN 030 120 S06	1.5R X 3	1.8	12	66	6	
2BCBN 010 007 S04	0.5R X 1	0.7	-	48	4		2BCBN 030 160 S06	1.5R X 3	1.8	16	66	6	
2BCBN 010 015 S04	0.5R X 1	0.7	1.5	48	4		2BCBN 030 200 S06	1.5R X 3	1.8	20	66	6	
2BCBN 010 025 S04	0.5R X 1	0.7	2.5	48	4		2BCBN 040 024 S06	2R X 4	2.4	-	66	6	
2BCBN 010 040 S04	0.5R X 1	0.7	4	48	4		2BCBN 040 040 S06	2R X 4	2.4	4	66	6	

