



- 고경도강 (HRC50~70)의 고정밀 ($\pm 5\mu\text{m}$) 정삭가공용 엔드밀
- 고풍량의 PCBN을 적용하여 장시간 가공이 가능합니다.
- 날부 스트레이트 타입 형상으로 치핑을 더욱 최소화 하였습니다.
- 날부인선의 조도가 뛰어나 경면가공에 적합합니다.
- 다양한 유효장을 적용함으로써 최상의 작업이 가능합니다.
- 오일미스트 사용을 권장하며, RPM 2만~5만 범위의 고속가공을 추천합니다.
- **PCBN ENDMILL for precise finishing ($\pm 5\mu\text{m}$) of hardened steel (HRC50~70)**
- Long tool life by high content PCBN.
- Straight type Design for Minimizing edge chipping.
- 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)

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CBN

R
 ± 0.005

R
 ± 0.007

R
 ± 0.01

Helix Angle
0°

0.1 ~ 1.25R
1.5 ~ 2R
3R

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	샹크 Shank Dia d	비고												
2SBCBN 002 002 S04	0.1R X 0.2	0.2	-	48	4													
2SBCBN 002 004 S04	0.1R X 0.2	0.4	-	48	4													
2SBCBN 003 003 S04	0.15R X 0.3	0.3	-	48	4													
2SBCBN 003 005 S04	0.15R X 0.3	0.5	-	48	4													
2SBCBN 004 015 S04	0.2R X 0.4	0.3	1.5	48	4													
2SBCBN 005 015 S04	0.25R X 0.5	0.4	1.5	48	4													
2SBCBN 005 020 S04	0.25R X 0.5	0.4	2	48	4													
2SBCBN 006 015 S04	0.3R X 0.6	0.5	1.5	48	4													
2SBCBN 006 020 S04	0.3R X 0.6	0.5	2	48	4													
2SBCBN 006 030 S04	0.3R X 0.6	0.5	3	48	4													
2SBCBN 006 040 S04	0.3R X 0.6	0.5	4	48	4													
2SBCBN 007 020 S04	0.35R X 0.7	0.5	2	48	4													
2SBCBN 008 020 S04	0.4R X 0.8	0.6	2	48	4													
2SBCBN 008 030 S04	0.4R X 0.8	0.6	3	48	4													
2SBCBN 008 040 S04	0.4R X 0.8	0.6	4	48	4													
2SBCBN 009 020 S04	0.45R X 0.9	0.6	2	48	4													
2SBCBN 010 025 S04	0.5R X 1	0.7	2.5	48	4													
2SBCBN 010 040 S04	0.5R X 1	0.7	4	48	4													
2SBCBN 010 050 S04	0.5R X 1	0.7	5	48	4													
2SBCBN 010 060 S04	0.5R X 1	0.7	6	48	4													
2SBCBN 012 040 S04	0.6R X 1.2	0.8	4	48	4													
2SBCBN 015 040 S04	0.75R X 1.5	1	4	48	4													
2SBCBN 015 060 S04	0.75R X 1.5	1	6	48	4													
2SBCBN 015 080 S04	0.75R X 1.5	1	8	48	4													
2SBCBN 015 100 S04	0.75R X 1.5	1	10	48	4													
2SBCBN 020 040 S04	1R X 2	1.2	4	50	4													
2SBCBN 020 060 S04	1R X 2	1.2	6	50	4													
2SBCBN 020 080 S04	1R X 2	1.2	8	50	4													
2SBCBN 020 100 S04	1R X 2	1.2	10	50	4													
2SBCBN 020 120 S04	1R X 2	1.2	12	50	4													
2SBCBN 025 060 S06	1.25R X 2.5	1.6	6	66	6													
2SBCBN 030 060 S06	1.5R X 3	1.8	6	66	6													
2SBCBN 030 080 S06	1.5R X 3	1.8	8	66	6													
2SBCBN 030 100 S06	1.5R X 3	1.8	10	66	6													
2SBCBN 030 120 S06	1.5R X 3	1.8	12	66	6													
2SBCBN 030 160 S06	1.5R X 3	1.8	16	66	6													
2SBCBN 030 200 S06	1.5R X 3	1.8	20	66	6													
2SBCBN 040 060 S06	2R X 4	2.4	6	66	6													
2SBCBN 040 080 S06	2R X 4	2.4	8	66	6													
2SBCBN 040 100 S06	2R X 4	2.4	10	66	6													
2SBCBN 040 120 S06	2R X 4	2.4	12	66	6													
2SBCBN 040 160 S06	2R X 4	2.4	16	66	6													
2SBCBN 040 200 S06	2R X 4	2.4	20	66	6													
2SBCBN 060 035 S06	3R X 6	3.5	-	83	6													
2SBCBN 060 100 S06	3R X 6	3.5	10	83	6													