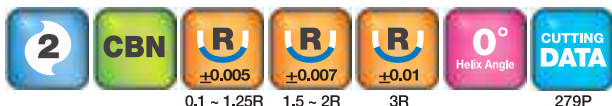


- 高硬度钢(HRc50~72),高精度 (+/-5um) 切削加工用铣刀

- 使用高含量PCBN, 可长时间加工。
- 通过采用直刃设计, 进一步实现了崩刀风险的最小化。
- 高精度刃线适合镜面加工。
- 多样化有效长度, 可适应最佳工作状态。
- 推荐高速 (20000-50000转/分钟) 和喷油切削。
- C.B.N Cubic Boron Nitride)

- PCBN ENDMILL for precise finishing($\pm 5\mu m$) of hardened steel (HRc50~72)

- 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)



0.1 ~ 1.25R

1.5 ~ 2R

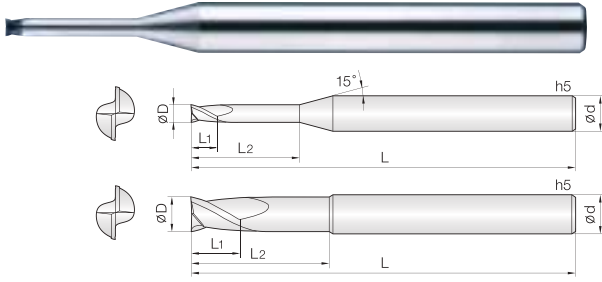
3R

279P

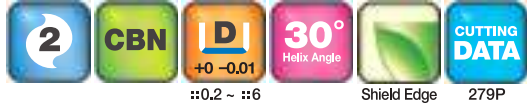
| D Size | D Tolerance |
|-----------|--------------|
| 1:0.2 ~ 6 | +0 ~ -0.01mm |

单位: mm

| Order Number | 刃径 Diameter R . D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 | Order Number | 刃径 Diameter R . D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 |
|------------------------|-------------------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|------------------------|-------------------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|
| 2SBCBN 002 002 S04 | 0.1R X 0.2 | 0.2 | - | 48 | 4 | | New 2SBCBN 025 016 S06 | 1.25R X 2.5 | 1.6 | - | 66 | 6 | |
| 2SBCBN 002 004 S04 | 0.1R X 0.2 | 0.4 | - | 48 | 4 | | New 2SBCBN 025 030 S06 | 1.25R X 2.5 | 1.6 | 3 | 66 | 6 | |
| 2SBCBN 003 003 S04 | 0.15R X 0.3 | 0.3 | - | 48 | 4 | | 2SBCBN 025 060 S06 | 1.25R X 2.5 | 1.6 | 6 | 66 | 6 | |
| 2SBCBN 003 005 S04 | 0.15R X 0.3 | 0.5 | - | 48 | 4 | | New 2SBCBN 030 018 S06 | 1.5R X 3 | 1.8 | - | 66 | 6 | |
| New 2SBCBN 004 003 S04 | 0.2R X 0.4 | 0.3 | - | 48 | 4 | | New 2SBCBN 030 030 S06 | 1.5R X 3 | 1.8 | 3 | 66 | 6 | |
| New 2SBCBN 004 010 S04 | 0.2R X 0.4 | 0.3 | 1 | 48 | 4 | | 2SBCBN 030 060 S06 | 1.5R X 3 | 1.8 | 6 | 66 | 6 | |
| 2SBCBN 004 015 S04 | 0.2R X 0.4 | 0.3 | 1.5 | 48 | 4 | | 2SBCBN 030 080 S06 | 1.5R X 3 | 1.8 | 8 | 66 | 6 | |
| New 2SBCBN 005 004 S04 | 0.25R X 0.5 | 0.4 | - | 48 | 4 | | 2SBCBN 030 100 S06 | 1.5R X 3 | 1.8 | 10 | 66 | 6 | |
| New 2SBCBN 005 010 S04 | 0.25R X 0.5 | 0.4 | 1 | 48 | 4 | | 2SBCBN 030 120 S06 | 1.5R X 3 | 1.8 | 12 | 66 | 6 | |
| 2SBCBN 005 015 S04 | 0.25R X 0.5 | 0.4 | 1.5 | 48 | 4 | | 2SBCBN 030 160 S06 | 1.5R X 3 | 1.8 | 16 | 66 | 6 | |
| 2SBCBN 005 020 S04 | 0.25R X 0.5 | 0.4 | 2 | 48 | 4 | | 2SBCBN 030 200 S06 | 1.5R X 3 | 1.8 | 20 | 66 | 6 | |
| New 2SBCBN 006 005 S04 | 0.3R X 0.6 | 0.5 | - | 48 | 4 | | New 2SBCBN 040 024 S06 | 2R X 4 | 2.4 | - | 66 | 6 | |
| New 2SBCBN 006 010 S04 | 0.3R X 0.6 | 0.5 | 1 | 48 | 4 | | New 2SBCBN 040 040 S06 | 2R X 4 | 2.4 | 4 | 66 | 6 | |
| 2SBCBN 006 015 S04 | 0.3R X 0.6 | 0.5 | 1.5 | 48 | 4 | | 2SBCBN 040 060 S06 | 2R X 4 | 2.4 | 6 | 66 | 6 | |
| 2SBCBN 006 020 S04 | 0.3R X 0.6 | 0.5 | 2 | 48 | 4 | | 2SBCBN 040 080 S06 | 2R X 4 | 2.4 | 8 | 66 | 6 | |
| 2SBCBN 006 030 S04 | 0.3R X 0.6 | 0.5 | 3 | 48 | 4 | | 2SBCBN 040 100 S06 | 2R X 4 | 2.4 | 10 | 66 | 6 | |
| 2SBCBN 006 040 S04 | 0.3R X 0.6 | 0.5 | 4 | 48 | 4 | | 2SBCBN 040 120 S06 | 2R X 4 | 2.4 | 12 | 66 | 6 | |
| New 2SBCBN 007 005 S04 | 0.35R X 0.7 | 0.5 | - | 48 | 4 | | 2SBCBN 040 160 S06 | 2R X 4 | 2.4 | 16 | 66 | 6 | |
| New 2SBCBN 007 010 S04 | 0.35R X 0.7 | 0.5 | 1 | 48 | 4 | | 2SBCBN 040 200 S06 | 2R X 4 | 2.4 | 20 | 66 | 6 | |
| 2SBCBN 007 020 S04 | 0.35R X 0.7 | 0.5 | 2 | 48 | 4 | | 2SBCBN 060 035 S06 | 3R X 6 | 3.5 | - | 83 | 6 | |
| New 2SBCBN 008 006 S04 | 0.4R X 0.8 | 0.6 | - | 48 | 4 | | 2SBCBN 060 100 S06 | 3R X 6 | 3.5 | 10 | 83 | 6 | |
| New 2SBCBN 008 010 S04 | 0.4R X 0.8 | 0.6 | 1 | 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 | | | | | | | | |
| New 2SBCBN 009 006 S04 | 0.45R X 0.9 | 0.6 | - | 48 | 4 | | | | | | | | |
| New 2SBCBN 009 010 S04 | 0.45R X 0.9 | 0.6 | 1 | 48 | 4 | | | | | | | | |
| 2SBCBN 009 020 S04 | 0.45R X 0.9 | 0.6 | 2 | 48 | 4 | | | | | | | | |
| New 2SBCBN 010 007 S04 | 0.5R X 1 | 0.7 | - | 48 | 4 | | | | | | | | |
| New 2SBCBN 010 015 S04 | 0.5R X 1 | 0.7 | 1.5 | 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 | | | | | | | | |
| New 2SBCBN 012 008 S04 | 0.6R X 1.2 | 0.8 | - | 48 | 4 | | | | | | | | |
| New 2SBCBN 012 020 S04 | 0.6R X 1.2 | 0.8 | 2 | 48 | 4 | | | | | | | | |
| 2SBCBN 012 040 S04 | 0.6R X 1.2 | 0.8 | 4 | 48 | 4 | | | | | | | | |
| New 2SBCBN 015 010 S04 | 0.75R X 1.5 | 1 | - | 48 | 4 | | | | | | | | |
| New 2SBCBN 015 020 S04 | 0.75R X 1.5 | 1 | 2 | 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 | | | | | | | | |
| New 2SBCBN 020 012 S04 | 1R X 2 | 1.2 | - | 50 | 4 | | | | | | | | |
| New 2SBCBN 020 030 S04 | 1R X 2 | 1.2 | 3 | 50 | 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 | | | | | | | | |



- 高硬度钢(HRc50~72), 高精度 (+/-5um) 切削加工用铣刀
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- 高精度刃线, 适合镜面加工。
- 多样化有效长度, 可适应最佳工作状态。
- 推荐高速 (20000-50000转/分钟) 和喷油切削。
- C.B.N Cubic Boron Nitride)
- **PCBN ENDMILL for precise finishing(±5µm) of hardened steel (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)



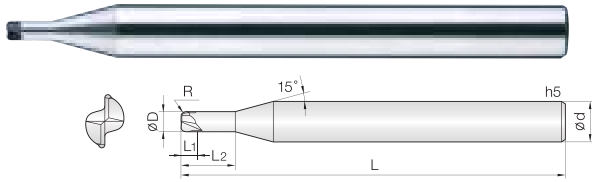
| D Size | D Tolerance |
|----------|-------------|
| ø0.2 ~ 6 | +0 -0.01mm |

单位: mm

| Order Number | 刃径 Diameter D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 | Order Number | 刃径 Diameter D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 |
|-----------------------|---------------------|---------------------------|-------------------------------|---------------------------|----------------------|----|-----------------------|---------------------|---------------------------|-------------------------------|---------------------------|----------------------|----|
| 2ECBN 002 002 S04 | 0.2 | 0.2 | - | 48 | 4 | | New 2ECBN 010 015 S04 | 1 | 0.7 | 1.5 | 48 | 4 | |
| 2ECBN 002 004 S04 | 0.2 | 0.4 | - | 48 | 4 | | 2ECBN 010 025 S04 | 1 | 0.7 | 2.5 | 48 | 4 | |
| 2ECBN 003 003 S04 | 0.3 | 0.3 | - | 48 | 4 | | 2ECBN 010 040 S04 | 1 | 0.7 | 4 | 48 | 4 | |
| 2ECBN 003 005 S04 | 0.3 | 0.5 | - | 48 | 4 | | 2ECBN 010 050 S04 | 1 | 0.7 | 5 | 48 | 4 | |
| New 2ECBN 004 003 S04 | 0.4 | 0.3 | - | 48 | 4 | | 2ECBN 010 060 S04 | 1 | 0.7 | 6 | 48 | 4 | |
| New 2ECBN 004 010 S04 | 0.4 | 0.3 | 1 | 48 | 4 | | 2ECBN 010 080 S04 | 1 | 0.7 | 8 | 48 | 4 | |
| 2ECBN 004 015 S04 | 0.4 | 0.3 | 1.5 | 48 | 4 | | 2ECBN 010 100 S04 | 1 | 0.7 | 10 | 48 | 4 | |
| 2ECBN 004 020 S04 | 0.4 | 0.3 | 2 | 48 | 4 | | 2ECBN 010 120 S04 | 1 | 0.7 | 12 | 48 | 4 | |
| 2ECBN 004 030 S04 | 0.4 | 0.3 | 3 | 48 | 4 | | 2ECBN 010 140 S04 | 1 | 0.7 | 14 | 48 | 4 | |
| 2ECBN 004 040 S04 | 0.4 | 0.3 | 4 | 48 | 4 | | 2ECBN 010 160 S04 | 1 | 0.7 | 16 | 48 | 4 | |
| 2ECBN 004 050 S04 | 0.4 | 0.3 | 5 | 48 | 4 | | New 2ECBN 012 007 S04 | 1.2 | 0.7 | - | 48 | 4 | |
| 2ECBN 004 060 S04 | 0.4 | 0.3 | 6 | 48 | 4 | | New 2ECBN 012 015 S04 | 1.2 | 0.7 | 1.5 | 48 | 4 | |
| New 2ECBN 005 004 S04 | 0.5 | 0.4 | - | 48 | 4 | | 2ECBN 012 030 S04 | 1.2 | 0.7 | 3 | 48 | 4 | |
| New 2ECBN 005 010 S04 | 0.5 | 0.4 | 1 | 48 | 4 | | 2ECBN 012 040 S04 | 1.2 | 0.7 | 4 | 48 | 4 | |
| 2ECBN 005 015 S04 | 0.5 | 0.4 | 1.5 | 48 | 4 | | 2ECBN 012 060 S04 | 1.2 | 0.7 | 6 | 48 | 4 | |
| 2ECBN 005 020 S04 | 0.5 | 0.4 | 2 | 48 | 4 | | 2ECBN 012 080 S04 | 1.2 | 0.7 | 8 | 48 | 4 | |
| 2ECBN 005 030 S04 | 0.5 | 0.4 | 3 | 48 | 4 | | 2ECBN 012 100 S04 | 1.2 | 0.7 | 10 | 48 | 4 | |
| 2ECBN 005 040 S04 | 0.5 | 0.4 | 4 | 48 | 4 | | 2ECBN 012 120 S04 | 1.2 | 0.7 | 12 | 48 | 4 | |
| 2ECBN 005 050 S04 | 0.5 | 0.4 | 5 | 48 | 4 | | 2ECBN 012 160 S04 | 1.2 | 0.7 | 16 | 48 | 4 | |
| 2ECBN 005 060 S04 | 0.5 | 0.4 | 6 | 48 | 4 | | New 2ECBN 015 008 S04 | 1.5 | 0.8 | - | 48 | 4 | |
| 2ECBN 005 080 S04 | 0.5 | 0.4 | 8 | 48 | 4 | | New 2ECBN 015 015 S04 | 1.5 | 0.8 | 1.5 | 48 | 4 | |
| New 2ECBN 006 005 S04 | 0.6 | 0.5 | - | 48 | 4 | | 2ECBN 015 030 S04 | 1.5 | 0.8 | 3 | 48 | 4 | |
| New 2ECBN 006 010 S04 | 0.6 | 0.5 | 1 | 48 | 4 | | 2ECBN 015 060 S04 | 1.5 | 0.8 | 6 | 48 | 4 | |
| 2ECBN 006 015 S04 | 0.6 | 0.5 | 1.5 | 48 | 4 | | 2ECBN 015 080 S04 | 1.5 | 0.8 | 8 | 48 | 4 | |
| 2ECBN 006 020 S04 | 0.6 | 0.5 | 2 | 48 | 4 | | 2ECBN 015 100 S04 | 1.5 | 0.8 | 10 | 48 | 4 | |
| 2ECBN 006 030 S04 | 0.6 | 0.5 | 3 | 48 | 4 | | 2ECBN 015 120 S04 | 1.5 | 0.8 | 12 | 48 | 4 | |
| 2ECBN 006 040 S04 | 0.6 | 0.5 | 4 | 48 | 4 | | 2ECBN 015 140 S04 | 1.5 | 0.8 | 14 | 48 | 4 | |
| 2ECBN 006 060 S04 | 0.6 | 0.5 | 6 | 48 | 4 | | 2ECBN 015 160 S04 | 1.5 | 0.8 | 16 | 48 | 4 | |
| 2ECBN 006 080 S04 | 0.6 | 0.5 | 8 | 48 | 4 | | 2ECBN 015 180 S04 | 1.5 | 0.8 | 18 | 48 | 4 | |
| 2ECBN 006 100 S04 | 0.6 | 0.5 | 10 | 48 | 4 | | New 2ECBN 020 009 S04 | 2 | 0.9 | - | 50 | 4 | |
| New 2ECBN 007 005 S04 | 0.7 | 0.5 | - | 48 | 4 | | New 2ECBN 020 020 S04 | 2 | 0.9 | 2 | 50 | 4 | |
| New 2ECBN 007 015 S04 | 0.7 | 0.5 | 1.5 | 48 | 4 | | 2ECBN 020 030 S04 | 2 | 0.9 | 3 | 50 | 4 | |
| 2ECBN 007 025 S04 | 0.7 | 0.5 | 2.5 | 48 | 4 | | 2ECBN 020 060 S04 | 2 | 0.9 | 6 | 50 | 4 | |
| 2ECBN 007 040 S04 | 0.7 | 0.5 | 4 | 48 | 4 | | 2ECBN 020 080 S04 | 2 | 0.9 | 8 | 50 | 4 | |
| 2ECBN 007 060 S04 | 0.7 | 0.5 | 6 | 48 | 4 | | 2ECBN 020 100 S04 | 2 | 0.9 | 10 | 50 | 4 | |
| New 2ECBN 008 006 S04 | 0.8 | 0.6 | - | 48 | 4 | | 2ECBN 020 120 S04 | 2 | 0.9 | 12 | 50 | 4 | |
| New 2ECBN 008 015 S04 | 0.8 | 0.6 | 1.5 | 48 | 4 | | 2ECBN 020 140 S04 | 2 | 0.9 | 14 | 50 | 4 | |
| 2ECBN 008 025 S04 | 0.8 | 0.6 | 2.5 | 48 | 4 | | 2ECBN 020 160 S04 | 2 | 0.9 | 16 | 50 | 4 | |
| 2ECBN 008 040 S04 | 0.8 | 0.6 | 4 | 48 | 4 | | 2ECBN 020 180 S04 | 2 | 0.9 | 18 | 50 | 4 | |
| 2ECBN 008 060 S04 | 0.8 | 0.6 | 6 | 48 | 4 | | New 2ECBN 025 012 S06 | 2.5 | 1.2 | - | 66 | 6 | |
| 2ECBN 008 080 S04 | 0.8 | 0.6 | 8 | 48 | 4 | | New 2ECBN 025 030 S06 | 2.5 | 1.2 | 3 | 66 | 6 | |
| 2ECBN 008 100 S04 | 0.8 | 0.6 | 10 | 48 | 4 | | 2ECBN 025 060 S06 | 2.5 | 1.2 | 6 | 66 | 6 | |
| New 2ECBN 009 006 S04 | 0.9 | 0.6 | - | 48 | 4 | | 2ECBN 025 100 S06 | 2.5 | 1.2 | 10 | 66 | 6 | |
| New 2ECBN 009 015 S04 | 0.9 | 0.6 | 1.5 | 48 | 4 | | 2ECBN 025 160 S06 | 2.5 | 1.2 | 16 | 66 | 6 | |
| 2ECBN 009 025 S04 | 0.9 | 0.6 | 2.5 | 48 | 4 | | 2ECBN 025 200 S06 | 2.5 | 1.2 | 20 | 66 | 6 | |
| 2ECBN 009 040 S04 | 0.9 | 0.6 | 4 | 48 | 4 | | New 2ECBN 030 012 S06 | 3 | 1.2 | - | 66 | 6 | |
| 2ECBN 009 060 S04 | 0.9 | 0.6 | 6 | 48 | 4 | | New 2ECBN 030 030 S06 | 3 | 1.2 | 3 | 66 | 6 | |
| 2ECBN 009 080 S04 | 0.9 | 0.6 | 8 | 48 | 4 | | 2ECBN 030 060 S06 | 3 | 1.2 | 6 | 66 | 6 | |
| 2ECBN 009 100 S04 | 0.9 | 0.6 | 10 | 48 | 4 | | 2ECBN 030 080 S06 | 3 | 1.2 | 8 | 66 | 6 | |
| New 2ECBN 010 007 S04 | 1 | 0.7 | - | 48 | 4 | | 2ECBN 030 100 S06 | 3 | 1.2 | 10 | 66 | 6 | |

单位: mm

| Order Number | 刃径 Diameter D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 | Order Number | 刃径 Diameter D | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 |
|-----------------------|---------------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|--------------|---------------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|
| 2ECBN 030 120 S06 | 3 | 1.2 | 12 | 66 | 6 | | | | | | | | |
| 2ECBN 030 160 S06 | 3 | 1.2 | 16 | 66 | 6 | | | | | | | | |
| 2ECBN 030 200 S06 | 3 | 1.2 | 20 | 66 | 6 | | | | | | | | |
| New 2ECBN 040 015 S06 | 4 | 1.5 | - | 66 | 6 | | | | | | | | |
| New 2ECBN 040 030 S06 | 4 | 1.5 | 3 | 66 | 6 | | | | | | | | |
| 2ECBN 040 060 S06 | 4 | 1.5 | 6 | 66 | 6 | | | | | | | | |
| 2ECBN 040 080 S06 | 4 | 1.5 | 8 | 66 | 6 | | | | | | | | |
| 2ECBN 040 100 S06 | 4 | 1.5 | 10 | 66 | 6 | | | | | | | | |
| 2ECBN 040 120 S06 | 4 | 1.5 | 12 | 66 | 6 | | | | | | | | |
| 2ECBN 040 160 S06 | 4 | 1.5 | 16 | 66 | 6 | | | | | | | | |
| 2ECBN 040 200 S06 | 4 | 1.5 | 20 | 66 | 6 | | | | | | | | |
| 2ECBN 060 030 S06 | 6 | 3 | - | 83 | 6 | | | | | | | | |
| 2ECBN 060 100 S06 | 6 | 3 | 10 | 83 | 6 | | | | | | | | |
| 2ECBN 060 200 S06 | 6 | 3 | 20 | 83 | 6 | | | | | | | | |
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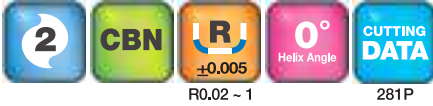


• 高硬度钢(HRc50~72),高精度 (+/-5um) 切削加工用铣刀

- 使用高含量PCBN, 可长时间加工。
- 通过采用直刃设计, 进一步实现了崩到风险的最小化。
- 高精度刃线适合镜面加工。
- 多样化有效长度, 可适应最佳工作状态。
- 推荐高速(20000-50000转/分钟)和喷油切削。
- C.B.N Cubic Boron Nitride)

• PCBN ENDMILL for precise finishing($\pm 5\mu\text{m}$) of hardened steel (HRc50~72)

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- 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.
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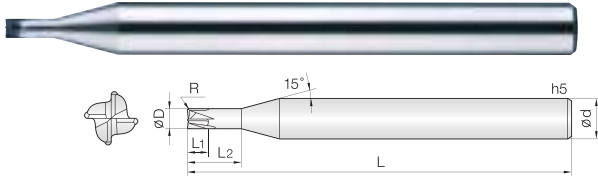
R0.02 ~ 1

281P

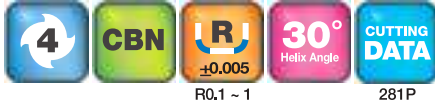
| D Size | D Tolerance |
|-----------|--------------|
| Ø:0.4 ~ 6 | +0 ~ -0.01mm |

单位: mm

| Order Number | 刃径 D . R | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 | Order Number | 刃径 D . R | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 |
|---------------------|-------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|--------------------|-------------|------------------------------|----------------------------------|------------------------------|-------------------------|----|
| 2SCCBN 004 0002 015 | 0.4 X R0.02 | 0.3 | 1.5 | 48 | 4 | | 2SCCBN 030 005 060 | 3 X R0.5 | 1.2 | 6 | 66 | 6 | |
| 2SCCBN 004 0005 015 | 0.4 X R0.05 | 0.3 | 1.5 | 48 | 4 | | 2SCCBN 030 005 100 | 3 X R0.5 | 1.2 | 10 | 66 | 6 | |
| 2SCCBN 004 001 015 | 0.4 X R0.1 | 0.3 | 1.5 | 48 | 4 | | 2SCCBN 030 005 160 | 3 X R0.5 | 1.2 | 16 | 66 | 6 | |
| 2SCCBN 005 0005 015 | 0.5 X R0.05 | 0.4 | 1.5 | 48 | 4 | | 2SCCBN 030 010 060 | 3 X R1 | 1.2 | 6 | 66 | 6 | |
| 2SCCBN 005 001 015 | 0.5 X R0.1 | 0.4 | 1.5 | 48 | 4 | | 2SCCBN 030 010 100 | 3 X R1 | 1.2 | 10 | 66 | 6 | |
| 2SCCBN 006 0005 020 | 0.6 X R0.05 | 0.5 | 2 | 48 | 4 | | 2SCCBN 030 010 160 | 3 X R1 | 1.2 | 16 | 66 | 6 | |
| 2SCCBN 006 001 020 | 0.6 X R0.1 | 0.5 | 2 | 48 | 4 | | 2SCCBN 040 001 060 | 4 X R0.1 | 1.5 | 6 | 66 | 6 | |
| 2SCCBN 008 001 020 | 0.8 X R0.1 | 0.6 | 2 | 48 | 4 | | 2SCCBN 040 001 100 | 4 X R0.1 | 1.5 | 10 | 66 | 6 | |
| 2SCCBN 008 002 020 | 0.8 X R0.2 | 0.6 | 2 | 48 | 4 | | 2SCCBN 040 001 160 | 4 X R0.1 | 1.5 | 16 | 66 | 6 | |
| 2SCCBN 010 0002 025 | 1 X R0.02 | 0.7 | 2.5 | 48 | 4 | | 2SCCBN 040 002 060 | 4 X R0.2 | 1.5 | 6 | 66 | 6 | |
| 2SCCBN 010 0002 040 | 1 X R0.02 | 0.7 | 4 | 48 | 4 | | 2SCCBN 040 002 100 | 4 X R0.2 | 1.5 | 10 | 66 | 6 | |
| 2SCCBN 010 0005 025 | 1 X R0.05 | 0.7 | 2.5 | 48 | 4 | | 2SCCBN 040 002 160 | 4 X R0.2 | 1.5 | 16 | 66 | 6 | |
| 2SCCBN 010 0005 040 | 1 X R0.05 | 0.7 | 4 | 48 | 4 | | 2SCCBN 040 003 060 | 4 X R0.3 | 1.5 | 6 | 66 | 6 | |
| 2SCCBN 010 001 025 | 1 X R0.1 | 0.7 | 2.5 | 48 | 4 | | 2SCCBN 040 003 100 | 4 X R0.3 | 1.5 | 10 | 66 | 6 | |
| 2SCCBN 010 001 040 | 1 X R0.1 | 0.7 | 4 | 48 | 4 | | 2SCCBN 040 003 160 | 4 X R0.3 | 1.5 | 16 | 66 | 6 | |
| 2SCCBN 010 002 025 | 1 X R0.2 | 0.7 | 2.5 | 48 | 4 | | 2SCCBN 040 005 060 | 4 X R0.5 | 1.5 | 6 | 66 | 6 | |
| 2SCCBN 010 002 040 | 1 X R0.2 | 0.7 | 4 | 48 | 4 | | 2SCCBN 040 005 100 | 4 X R0.5 | 1.5 | 10 | 66 | 6 | |
| 2SCCBN 010 003 025 | 1 X R0.3 | 0.7 | 2.5 | 48 | 4 | | 2SCCBN 040 005 160 | 4 X R0.5 | 1.5 | 16 | 66 | 6 | |
| 2SCCBN 010 003 040 | 1 X R0.3 | 0.7 | 4 | 48 | 4 | | 2SCCBN 040 010 060 | 4 X R1 | 1.5 | 6 | 66 | 6 | |
| 2SCCBN 015 0002 030 | 1.5 X R0.02 | 0.8 | 3 | 48 | 4 | | 2SCCBN 040 010 100 | 4 X R1 | 1.5 | 10 | 66 | 6 | |
| 2SCCBN 015 0002 040 | 1.5 X R0.02 | 0.8 | 4 | 48 | 4 | | 2SCCBN 040 010 160 | 4 X R1 | 1.5 | 16 | 66 | 6 | |
| 2SCCBN 015 0005 030 | 1.5 X R0.05 | 0.8 | 3 | 48 | 4 | | 2SCCBN 060 003 030 | 6 X R0.3 | 3 | - | 83 | 6 | |
| 2SCCBN 015 0005 040 | 1.5 X R0.05 | 0.8 | 4 | 48 | 4 | | 2SCCBN 060 003 150 | 6 X R0.3 | 3 | 15 | 83 | 6 | |
| 2SCCBN 015 001 030 | 1.5 X R0.1 | 0.8 | 3 | 48 | 4 | | 2SCCBN 060 005 030 | 6 X R0.5 | 3 | - | 83 | 6 | |
| 2SCCBN 015 001 040 | 1.5 X R0.1 | 0.8 | 4 | 48 | 4 | | 2SCCBN 060 005 150 | 6 X R0.5 | 3 | 15 | 83 | 6 | |
| 2SCCBN 015 002 030 | 1.5 X R0.2 | 0.8 | 3 | 48 | 4 | | 2SCCBN 060 010 030 | 6 X R1 | 3 | - | 83 | 6 | |
| 2SCCBN 015 002 040 | 1.5 X R0.2 | 0.8 | 4 | 48 | 4 | | 2SCCBN 060 010 150 | 6 X R1 | 3 | 15 | 83 | 6 | |
| 2SCCBN 015 003 030 | 1.5 X R0.3 | 0.8 | 3 | 48 | 4 | | | | | | | | |
| 2SCCBN 015 003 040 | 1.5 X R0.3 | 0.8 | 4 | 48 | 4 | | | | | | | | |
| 2SCCBN 020 0002 030 | 2 X R0.02 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 0002 060 | 2 X R0.02 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 0005 030 | 2 X R0.05 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 0005 060 | 2 X R0.05 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 001 030 | 2 X R0.1 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 001 060 | 2 X R0.1 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 002 030 | 2 X R0.2 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 002 060 | 2 X R0.2 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 003 030 | 2 X R0.3 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 003 060 | 2 X R0.3 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 005 030 | 2 X R0.5 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 2SCCBN 020 005 060 | 2 X R0.5 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 2SCCBN 025 001 060 | 2.5 X R0.1 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 025 002 060 | 2.5 X R0.2 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 025 003 060 | 2.5 X R0.3 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 001 060 | 3 X R0.1 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 001 100 | 3 X R0.1 | 1.2 | 10 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 002 060 | 3 X R0.2 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 002 100 | 3 X R0.2 | 1.2 | 10 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 003 060 | 3 X R0.3 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 2SCCBN 030 003 100 | 3 X R0.3 | 1.2 | 10 | 66 | 6 | | | | | | | | |



- 高硬度钢(HRc50~72),高精度 (+/-5um) 切削加工用铣刀
- 使用高含量PCBN, 可长时间加工。
- 通过采用直刃设计, 进一步实现了崩到风险的最小化。
- 高精度刃线适合镜面加工。
- 多样化有效长度, 可适应最佳工作状态。
- 推荐高速 (20000-50000转/分钟) 和喷油切削。
- C.B.N Cubic Boron Nitride)
- **PCBN ENDMILL for precise finishing(±5 μm) of hardened steel (HRc50~72)**
- 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)



| D Size | D Tolerance |
|----------|--------------|
| φ0.8 - 6 | +0 ~ -0.01mm |

单位: mm

| Order Number | 刃径 D . R | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 | Order Number | 刃径 D . R | 刃长 Length of cut L1 | 有效长 Effective Length L2 | 全长 Overall Length L | 柄径 Shank Dia d | 备注 |
|---------------------|-------------|---------------------------|-------------------------------|---------------------------|----------------------|----|--------------------|-------------|---------------------------|-------------------------------|---------------------------|----------------------|----|
| 4SCCBN 008 001 025 | 0.8 X R0.1 | 0.6 | 2.5 | 48 | 4 | | 4SCCBN 030 005 100 | 3 X R0.5 | 1.2 | 10 | 66 | 6 | |
| 4SCCBN 008 002 025 | 0.8 X R0.2 | 0.6 | 2.5 | 48 | 4 | | 4SCCBN 030 005 160 | 3 X R0.5 | 1.2 | 16 | 66 | 6 | |
| 4SCCBN 010 0002 025 | 1 X R0.02 | 0.7 | 2.5 | 48 | 4 | | 4SCCBN 030 010 060 | 3 X R1 | 1.2 | 6 | 66 | 6 | |
| 4SCCBN 010 0002 040 | 1 X R0.02 | 0.7 | 4 | 48 | 4 | | 4SCCBN 030 010 100 | 3 X R1 | 1.2 | 10 | 66 | 6 | |
| 4SCCBN 010 0005 025 | 1 X R0.05 | 0.7 | 2.5 | 48 | 4 | | 4SCCBN 030 010 160 | 3 X R1 | 1.2 | 16 | 66 | 6 | |
| 4SCCBN 010 0005 040 | 1 X R0.05 | 0.7 | 4 | 48 | 4 | | 4SCCBN 040 001 060 | 4 X R0.1 | 1.5 | 6 | 66 | 6 | |
| 4SCCBN 010 001 025 | 1 X R0.1 | 0.7 | 2.5 | 48 | 4 | | 4SCCBN 040 001 100 | 4 X R0.1 | 1.5 | 10 | 66 | 6 | |
| 4SCCBN 010 001 040 | 1 X R0.1 | 0.7 | 4 | 48 | 4 | | 4SCCBN 040 001 160 | 4 X R0.1 | 1.5 | 16 | 66 | 6 | |
| 4SCCBN 010 002 025 | 1 X R0.2 | 0.7 | 2.5 | 48 | 4 | | 4SCCBN 040 002 060 | 4 X R0.2 | 1.5 | 6 | 66 | 6 | |
| 4SCCBN 010 002 040 | 1 X R0.2 | 0.7 | 4 | 48 | 4 | | 4SCCBN 040 002 100 | 4 X R0.2 | 1.5 | 10 | 66 | 6 | |
| 4SCCBN 010 003 025 | 1 X R0.3 | 0.7 | 2.5 | 48 | 4 | | 4SCCBN 040 002 160 | 4 X R0.2 | 1.5 | 16 | 66 | 6 | |
| 4SCCBN 010 003 040 | 1 X R0.3 | 0.7 | 4 | 48 | 4 | | 4SCCBN 040 003 060 | 4 X R0.3 | 1.5 | 6 | 66 | 6 | |
| 4SCCBN 015 0002 030 | 1.5 X R0.02 | 0.8 | 3 | 48 | 4 | | 4SCCBN 040 003 100 | 4 X R0.3 | 1.5 | 10 | 66 | 6 | |
| 4SCCBN 015 0002 040 | 1.5 X R0.02 | 0.8 | 4 | 48 | 4 | | 4SCCBN 040 003 160 | 4 X R0.3 | 1.5 | 16 | 66 | 6 | |
| 4SCCBN 015 0005 030 | 1.5 X R0.05 | 0.8 | 3 | 48 | 4 | | 4SCCBN 040 005 060 | 4 X R0.5 | 1.5 | 6 | 66 | 6 | |
| 4SCCBN 015 0005 040 | 1.5 X R0.05 | 0.8 | 4 | 48 | 4 | | 4SCCBN 040 005 100 | 4 X R0.5 | 1.5 | 10 | 66 | 6 | |
| 4SCCBN 015 001 030 | 1.5 X R0.1 | 0.8 | 3 | 48 | 4 | | 4SCCBN 040 005 160 | 4 X R0.5 | 1.5 | 16 | 66 | 6 | |
| 4SCCBN 015 001 040 | 1.5 X R0.1 | 0.8 | 4 | 48 | 4 | | 4SCCBN 040 010 060 | 4 X R1 | 1.5 | 6 | 66 | 6 | |
| 4SCCBN 015 002 030 | 1.5 X R0.2 | 0.8 | 3 | 48 | 4 | | 4SCCBN 040 010 100 | 4 X R1 | 1.5 | 10 | 66 | 6 | |
| 4SCCBN 015 002 040 | 1.5 X R0.2 | 0.8 | 4 | 48 | 4 | | 4SCCBN 040 010 160 | 4 X R1 | 1.5 | 16 | 66 | 6 | |
| 4SCCBN 015 003 030 | 1.5 X R0.3 | 0.8 | 3 | 48 | 4 | | 4SCCBN 060 003 030 | 6 X R0.3 | 3 | - | 83 | 6 | |
| 4SCCBN 015 003 040 | 1.5 X R0.3 | 0.8 | 4 | 48 | 4 | | 4SCCBN 060 003 150 | 6 X R0.3 | 3 | 15 | 83 | 6 | |
| 4SCCBN 020 0002 030 | 2 X R0.02 | 0.9 | 3 | 50 | 4 | | 4SCCBN 060 005 030 | 6 X R0.5 | 3 | - | 83 | 6 | |
| 4SCCBN 020 0002 040 | 2 X R0.02 | 0.9 | 4 | 50 | 4 | | 4SCCBN 060 005 150 | 6 X R0.5 | 3 | 15 | 83 | 6 | |
| 4SCCBN 020 0002 060 | 2 X R0.02 | 0.9 | 6 | 50 | 4 | | 4SCCBN 060 010 030 | 6 X R1 | 3 | - | 83 | 6 | |
| 4SCCBN 020 0005 030 | 2 X R0.05 | 0.9 | 3 | 50 | 4 | | 4SCCBN 060 010 150 | 6 X R1 | 3 | 15 | 83 | 6 | |
| 4SCCBN 020 0005 040 | 2 X R0.05 | 0.9 | 4 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 0005 060 | 2 X R0.05 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 001 030 | 2 X R0.1 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 001 040 | 2 X R0.1 | 0.9 | 4 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 001 060 | 2 X R0.1 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 002 030 | 2 X R0.2 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 002 040 | 2 X R0.2 | 0.9 | 4 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 002 060 | 2 X R0.2 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 003 030 | 2 X R0.3 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 003 040 | 2 X R0.3 | 0.9 | 4 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 003 060 | 2 X R0.3 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 005 030 | 2 X R0.5 | 0.9 | 3 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 005 040 | 2 X R0.5 | 0.9 | 4 | 50 | 4 | | | | | | | | |
| 4SCCBN 020 005 060 | 2 X R0.5 | 0.9 | 6 | 50 | 4 | | | | | | | | |
| 4SCCBN 025 001 060 | 2.5 X R0.1 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 025 002 060 | 2.5 X R0.2 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 025 003 060 | 2.5 X R0.3 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 001 060 | 3 X R0.1 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 001 100 | 3 X R0.1 | 1.2 | 10 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 002 060 | 3 X R0.2 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 002 100 | 3 X R0.2 | 1.2 | 10 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 003 060 | 3 X R0.3 | 1.2 | 6 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 003 100 | 3 X R0.3 | 1.2 | 10 | 66 | 6 | | | | | | | | |
| 4SCCBN 030 005 060 | 3 X R0.5 | 1.2 | 6 | 66 | 6 | | | | | | | | |