

SBREF-2

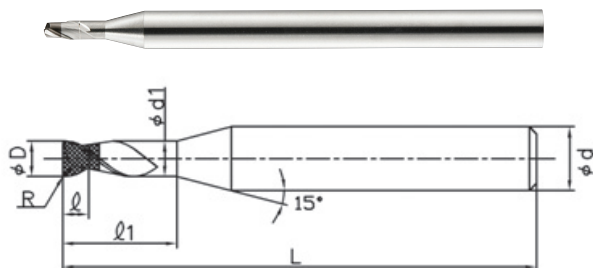
CBN 2枚刃スパイラルコーナーR付エンドミル
CBN 2 Flutes Spiral Corner R Endmill

■高硬度材・焼入れ鋼の直彫り加工。

Direct cutting for Highly hardened material and Quenching steel

■切込量を多くする事が可能。

Possible to increase the depth of cut



CBN立方晶窒化ホウ素 Cubic Boron Nitride



刃径の許容差 Flute Diameter Tolerance
D 0~-0.01



柄径の許容差 Shank Diameter Tolerance
d 0~-0.003



ネジレ角30° Twist Angle 30°



コーナーR許容差 coner R Tolerance
+0.005~-0.005

●切削条件表はP47に記載

●Cutting conditions are recommended on page 47.

[寸法単位 : mm]

[size : mm]

| 品番 Code No. | 刃径 D Flute Diameter | コーナーR Corner R | 有効長 l1 Effective Length | 刃長 l Flute Length | 首下径 d1 Neck Diameter | CBN層 CBN Length | 全長 L Total Length | 柄径 d Shank Diameter | 備考 Remarks |
|-----------------|------------------------|-------------------|----------------------------|----------------------|-------------------------|--------------------|----------------------|------------------------|---------------|
| SBREF-203003009 | 0.3 | R 0.03 | 0.9 | 0.3 | 0.26 | 0.6 | 50 | 4 | |
| SBREF-203003018 | 0.3 | R 0.03 | 1.8 | 0.3 | 0.26 | 0.6 | 50 | 4 | |
| SBREF-203005009 | 0.3 | R 0.05 | 0.9 | 0.3 | 0.26 | 0.6 | 50 | 4 | |
| SBREF-203005018 | 0.3 | R 0.05 | 1.8 | 0.3 | 0.26 | 0.6 | 50 | 4 | |
| SBREF-204003012 | 0.4 | R 0.03 | 1.2 | 0.4 | 0.36 | 0.6 | 50 | 4 | |
| SBREF-204003024 | 0.4 | R 0.03 | 2.4 | 0.4 | 0.36 | 0.6 | 50 | 4 | |
| SBREF-204010012 | 0.4 | R 0.1 | 1.2 | 0.4 | 0.36 | 0.6 | 50 | 4 | |
| SBREF-204010024 | 0.4 | R 0.1 | 2.4 | 0.4 | 0.36 | 0.6 | 50 | 4 | |
| SBREF-205003015 | 0.5 | R 0.03 | 1.5 | 0.5 | 0.46 | 0.6 | 50 | 4 | |
| SBREF-205003030 | 0.5 | R 0.03 | 3 | 0.5 | 0.46 | 0.6 | 50 | 4 | |
| SBREF-205010015 | 0.5 | R 0.1 | 1.5 | 0.5 | 0.46 | 0.6 | 50 | 4 | |
| SBREF-205010030 | 0.5 | R 0.1 | 3 | 0.5 | 0.46 | 0.6 | 50 | 4 | |
| SBREF-210003030 | 1 | R 0.03 | 3 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210003040 | 1 | R 0.03 | 4 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210003050 | 1 | R 0.03 | 5 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210003060 | 1 | R 0.03 | 6 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210003080 | 1 | R 0.03 | 8 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210003100 | 1 | R 0.03 | 10 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010030 | 1 | R 0.1 | 3 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010040 | 1 | R 0.1 | 4 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010050 | 1 | R 0.1 | 5 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010060 | 1 | R 0.1 | 6 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010080 | 1 | R 0.1 | 8 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210010100 | 1 | R 0.1 | 10 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210020030 | 1 | R 0.2 | 3 | 1 | 0.95 | 1 | 50 | 4 | |
| SBREF-210020040 | 1 | R 0.2 | 4 | 1 | 0.95 | 1 | 50 | 4 | |