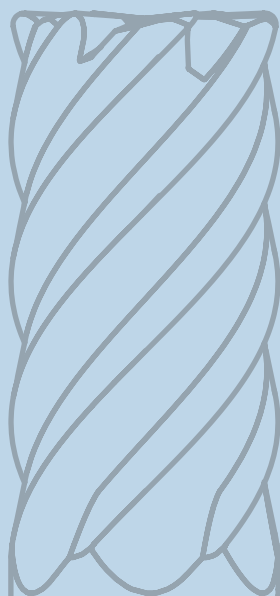
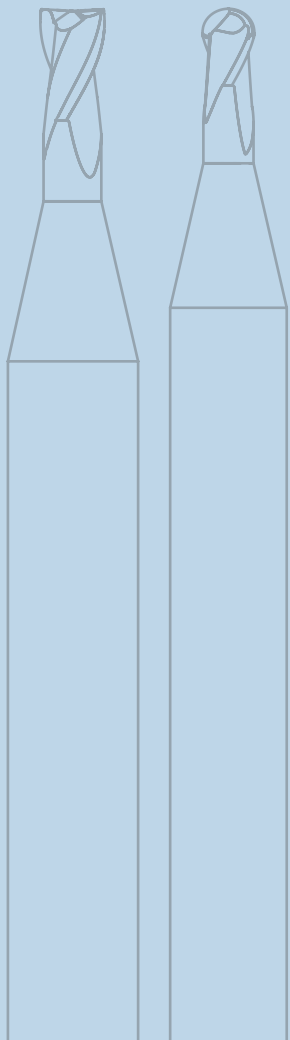


**PART 1**



**R-PRO SERIES**



## 볼 Ball

사이즈 D Size	인선직경공차(mm) D Tolerance	볼반경(mm) R Size	R공차(mm) R Tolerance
0.1 ~ 5	0 ~ -0.010	R0.05 ~ R2.5	±0.005
6 ~ 12	0 ~ -0.015	R3 ~ R6	±0.010

## 코너 래디우스 Corner Radius

사이즈 D Size	인선직경공차(mm) D Tolerance	코너R반경(mm) R Size	R공차(mm) R Tolerance
1 ~ 5	0 ~ -0.010	R0.02 ~ R0.5	±0.005
6 ~ 12	0 ~ -0.015	R1 ~ R1.5	±0.010
		R2 ~ R3	±0.015

## 플랫 Flat

사이즈 D Size	인선직경공차(mm) D Tolerance
0.1 ~ 0.9	0 ~ -0.010
1 ~ 5	0 ~ -0.010
6 ~ 12	0 ~ -0.015

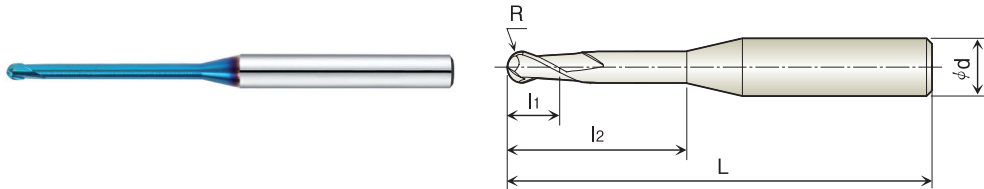
- 고경도 가공에 특화
- 내마모성 및 Chattering 방지 극대화
- 날부 파손 방지 및 절삭성 증대를 위한 형상 설계
- Hardened steels, alloy steel
- Maximized the wear resistance & minimized chattering
- Geometry design to protect the breakage of cutting edge and improve the cutting performance.

# 2RRB



## 2날 리브 볼 엔드밀

### 2 Flutes Rib Ball End Mills



unit(mm)

모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (l <sub>1</sub> )	유효장 Effective Length (l <sub>2</sub> )	생크경 Shank Diameter (d)	전장 Overall Length (L)
2RRB 001 002 445	R0.05	0.1	0.2	4	45
2RRB 001 003 445	R0.05	0.1	0.3	4	45
2RRB 001 005 445	R0.05	0.1	0.5	4	45
2RRB 002 006 445	R0.1	0.2	0.6	4	45
2RRB 002 010 445	R0.1	0.2	1	4	45
2RRB 002 015 445	R0.1	0.2	1.5	4	45
2RRB 002 020 445	R0.1	0.2	2	4	45
2RRB 003 010 445	R0.15	0.3	1	4	45
2RRB 003 015 445	R0.15	0.3	1.5	4	45
2RRB 003 020 445	R0.15	0.3	2	4	45
2RRB 003 025 445	R0.15	0.3	2.5	4	45
2RRB 003 030 445	R0.15	0.3	3	4	45
2RRB 004 010 445	R0.2	0.4	1	4	45
2RRB 004 015 445	R0.2	0.4	1.5	4	45
2RRB 004 020 445	R0.2	0.4	2	4	45
2RRB 004 025 445	R0.2	0.4	2.5	4	45
2RRB 004 030 445	R0.2	0.4	3	4	45
2RRB 004 040 445	R0.2	0.4	4	4	45
2RRB 004 050 445	R0.2	0.4	5	4	45
2RRB 005 010 445	R0.25	0.5	1	4	45
2RRB 005 015 445	R0.25	0.5	1.5	4	45
2RRB 005 020 445	R0.25	0.5	2	4	45
2RRB 005 025 445	R0.25	0.5	2.5	4	45
2RRB 005 030 445	R0.25	0.5	3	4	45
2RRB 005 040 445	R0.25	0.5	4	4	45
2RRB 005 050 445	R0.25	0.5	5	4	45

# 2날 리브 볼 엔드밀



## 2 Flutes Rib Ball End Mills

unit(mm)

모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
2RRB 005 060 445	R0.25	0.5	6	4	45
2RRB 005 080 445	R0.25	0.5	8	4	45
2RRB 006 020 445	R0.3	0.6	2	4	45
2RRB 006 030 445	R0.3	0.6	3	4	45
2RRB 006 040 445	R0.3	0.6	4	4	45
2RRB 006 050 445	R0.3	0.6	5	4	45
2RRB 006 060 445	R0.3	0.6	6	4	45
2RRB 006 080 445	R0.3	0.6	8	4	45
2RRB 006 100 445	R0.3	0.6	10	4	45
2RRB 008 020 445	R0.4	0.8	2	4	45
2RRB 008 030 445	R0.4	0.8	3	4	45
2RRB 008 040 445	R0.4	0.8	4	4	45
2RRB 008 050 445	R0.4	0.8	5	4	45
2RRB 008 060 445	R0.4	0.8	6	4	45
2RRB 008 080 445	R0.4	0.8	8	4	45
2RRB 008 100 445	R0.4	0.8	10	4	45
2RRB 008 120 445	R0.4	0.8	12	4	45
2RRB 010 030 445	R0.5	1	3	4	45
2RRB 010 040 445	R0.5	1	4	4	45
2RRB 010 050 445	R0.5	1	5	4	45
2RRB 010 060 445	R0.5	1	6	4	45
2RRB 010 070 445	R0.5	1	7	4	45
2RRB 010 080 445	R0.5	1	8	4	45
2RRB 010 090 445	R0.5	1	9	4	45
2RRB 010 100 445	R0.5	1	10	4	45
2RRB 010 120 445	R0.5	1	12	4	45
2RRB 010 140 450	R0.5	1	14	4	50
2RRB 010 160 450	R0.5	1	16	4	50
2RRB 010 180 450	R0.5	1	18	4	50
2RRB 010 200 450	R0.5	1	20	4	50
2RRB 012 040 445	R0.6	1.2	4	4	45
2RRB 012 060 445	R0.6	1.2	6	4	45
2RRB 012 080 445	R0.6	1.2	8	4	45
2RRB 012 100 445	R0.6	1.2	10	4	45
2RRB 012 120 445	R0.6	1.2	12	4	45

## 2 Flutes Rib Ball End Mills

unit(mm)

모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
2RRB 015 040 445	R0.75	1.5	4	4	45
2RRB 015 060 445	R0.75	1.5	6	4	45
2RRB 015 080 445	R0.75	1.5	8	4	45
2RRB 015 100 445	R0.75	1.5	10	4	45
2RRB 015 120 445	R0.75	1.5	12	4	45
2RRB 015 140 450	R0.75	1.5	14	4	50
2RRB 015 160 450	R0.75	1.5	16	4	50
2RRB 015 180 450	R0.75	1.5	18	4	50
2RRB 015 200 450	R0.75	1.5	20	4	50
2RRB 020 060 445	R1.0	2	6	4	45
2RRB 020 080 445	R1.0	2	8	4	45
2RRB 020 100 445	R1.0	2	10	4	45
2RRB 020 120 445	R1.0	2	12	4	45
2RRB 020 140 450	R1.0	2	14	4	50
2RRB 020 160 450	R1.0	2	16	4	50
2RRB 020 180 450	R1.0	2	18	4	50
2RRB 020 200 450	R1.0	2	20	4	50
2RRB 020 250 460	R1.0	2	25	4	60
2RRB 020 300 470	R1.0	2	30	4	70
2RRB 025 080 445	R1.25	2.5	8	4	45
2RRB 025 100 445	R1.25	2.5	10	4	45
2RRB 025 120 445	R1.25	2.5	12	4	45
2RRB 025 160 450	R1.25	2.5	16	4	50
2RRB 025 200 450	R1.25	2.5	20	4	50
2RRB 030 080 650	R1.5	3	8	6	50
2RRB 030 100 650	R1.5	3	10	6	50
2RRB 030 120 650	R1.5	3	12	6	50
2RRB 030 140 660	R1.5	3	14	6	60
2RRB 030 160 660	R1.5	3	16	6	60
2RRB 030 180 660	R1.5	3	18	6	60
2RRB 030 200 660	R1.5	3	20	6	60
2RRB 030 250 665	R1.5	3	25	6	65
2RRB 030 300 670	R1.5	3	30	6	70
2RRB 030 350 680	R1.5	3	35	6	80
2RRB 040 100 650	R2.0	4	10	6	50
2RRB 040 120 650	R2.0	4	12	6	50

# 2날 리브 볼 엔드밀



## 2 Flutes Rib Ball End Mills

unit(mm)

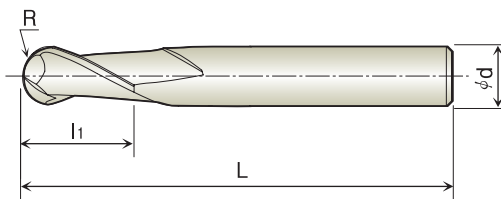
모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
2RRB 040 160 660	R2.0	4	16	6	60
2RRB 040 200 660	R2.0	4	20	6	60
2RRB 040 250 665	R2.0	4	25	6	65
2RRB 040 300 670	R2.0	4	30	6	70
2RRB 040 350 680	R2.0	4	35	6	80
2RRB 040 400 680	R2.0	4	40	6	80
2RRB 050 120 650	R2.5	5	12	6	50
2RRB 050 300 670	R2.5	5	30	6	70
2RRB 060 150 660	R3.0	7	15	6	60
2RRB 060 200 660	R3.0	6	20	6	60
2RRB 060 300 670	R3.0	6	30	6	70
2RRB 080 150 865	R4.0	8	15	8	65
2RRB 080 200 860	R4.0	8	20	8	60
2RRB 080 300 880	R4.0	8	30	8	80
2RRB 100 200 A60	R5.0	10	20	10	60
2RRB 100 250 A70	R5.0	10	25	10	70
2RRB 100 350 AA0	R5.0	10	35	10	100
2RRB 120 300 C80	R6.0	12	30	12	80
2RRB 120 400 C80	R6.0	12	40	12	110

# 2RSB



## 2날 쇼트 볼 엔드밀

### 2 Flutes Short Ball End Mills



unit(mm)

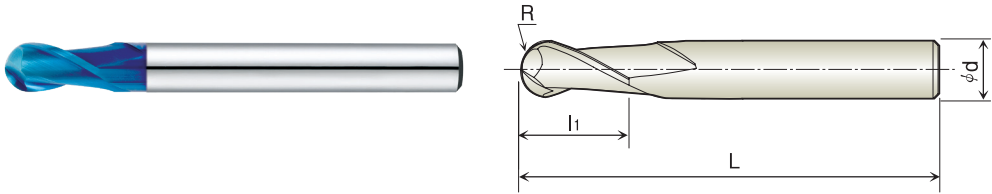
모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (l.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
2RSB 001 001 440	R0.05	0.1	4	40
2RSB 002 002 440	R0.1	0.2	4	40
2RSB 003 003 440	R0.15	0.3	4	40
2RSB 004 004 440	R0.2	0.4	4	40
2RSB 005 005 440	R0.25	0.5	4	40
2RSB 006 006 440	R0.3	0.6	4	40
2RSB 007 007 440	R0.35	0.7	4	40
2RSB 008 008 440	R0.4	0.8	4	40
2RSB 009 009 440	R0.45	0.9	4	40
2RSB 010 015 640	R0.5	1.5	6	40
2RSB 015 023 640	R0.75	2.3	6	40
2RSB 020 030 645	R1.0	3	6	45
2RSB 030 045 645	R1.5	4.5	6	45
2RSB 040 060 645	R2.0	6	6	45
2RSB 050 075 650	R2.5	7.5	6	50
2RSB 060 080 660	R3.0	8	6	60
2RSB 080 110 860	R4.0	11	8	60
2RSB 100 130 A60	R5.0	13	10	60
2RSB 120 150 C60	R6.0	15	12	60

# 2RPB



## 2날 볼 엔드밀

### 2 Flutes Ball End Mills







unit(mm)

모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (l <sub>1</sub> )	샙크경 Shank Diameter (d)	전장 Overall Length (L)
2RPB 001 002 445	R0.05	0.2	4	45
2RPB 002 004 445	R0.1	0.4	4	45
2RPB 003 006 445	R0.15	0.6	4	45
2RPB 004 008 445	R0.2	0.8	4	45
2RPB 005 010 445	R0.25	1	4	45
2RPB 006 012 445	R0.3	1.2	4	45
2RPB 007 015 445	R0.35	1.5	4	45
2RPB 008 015 445	R0.4	1.5	4	45
2RPB 010 020 450	R0.5	2	4	50
2RPB 010 020 650	R0.5	2	6	50
2RPB 012 025 450	R0.6	2.5	4	50
2RPB 015 040 450	R0.75	4	4	50
2RPB 015 040 650	R0.75	4	6	50
2RPB 020 050 450	R1.0	5	4	50
2RPB 020 050 660	R1.0	5	6	60
2RPB 025 060 660	R1.25	6	6	60
2RPB 030 080 360	R1.5	8	3	60
2RPB 030 080 460	R1.5	8	4	60
2RPB 030 080 680	R1.5	8	6	80
2RPB 035 080 660	R1.75	8	6	60
② 2RPB 040 080 460	R2.0	8	4	60
2RPB 040 080 480	R2.0	8	4	80
2RPB 040 080 670	R2.0	8	6	70
2RPB 045 100 670	R2.25	10	6	70



## 2 Flutes Ball End Mills

unit(mm)

모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (L.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
2RPB 050 100 680	R2.5	10	6	80
2RPB 055 120 680	R2.75	12	6	80
 2RPB 060 120 675	R3.0	12	6	75
2RPB 060 120 690	R3.0	12	6	90
2RPB 070 140 8A0	R3.5	14	8	100
 2RPB 080 140 875	R4.0	14	8	75
2RPB 080 140 8A0	R4.0	14	8	100
2RPB 090 180 AA0	R4.5	18	10	100
 2RPB 100 180 A75	R5.0	18	10	75
2RPB 100 180 AA0	R5.0	18	10	100
 2RPB 120 220 C80	R6.0	22	12	80
2RPB 120 220 CB0	R6.0	22	12	110

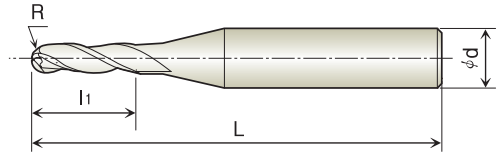
 신제품 New Production

# 3RSB



## 3날 쇼트 볼 엔드밀

### 3 Flutes Short Ball End Mills



unit(mm)

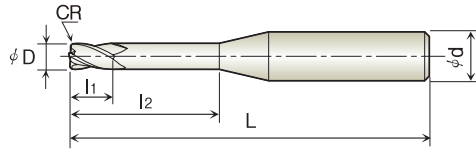
모델번호 Model No.	볼반경 Radius of Ball Nose (R)	날장 Length of Cut (l <sub>1</sub> )	생크경 Shank Diameter (d)	전장 Overall Length (L)
3RSB 010 015 640	R0.5	1.5	6	40
3RSB 020 030 645	R1.0	3	6	45
3RSB 030 045 645	R1.5	4.5	6	45
3RSB 040 060 645	R2.0	6	6	45
3RSB 050 075 650	R2.5	7.5	6	50
3RSB 060 080 660	R3.0	8	6	60
3RSB 080 110 860	R4.0	11	8	60
3RSB 100 130 A60	R5.0	13	10	60
3RSB 120 150 C60	R6.0	15	12	60

# 4RRR



## 4날 리브 코너 레디우스 엔드밀

### 4 Flutes Rib Corner Radius End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (l.)	유효장 Effective Length (l.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RRR 008 R005 020 445	0.8	R0.05	1.2	2	4	45
4RRR 008 R005 040 445	0.8	R0.05	1.2	4	4	45
4RRR 008 R005 060 445	0.8	R0.05	1.2	6	4	45
4RRR 008 R01 020 445	0.8	R0.1	1.2	2	4	45
4RRR 008 R01 040 445	0.8	R0.1	1.2	4	4	45
4RRR 010 R005 040 445	1	R0.05	1.5	4	4	45
4RRR 010 R005 060 445	1	R0.05	1.5	6	4	45
4RRR 010 R005 080 445	1	R0.05	1.5	8	4	45
4RRR 010 R005 100 445	1	R0.05	1.5	10	4	45
4RRR 010 R01 040 445	1	R0.1	1.5	4	4	45
4RRR 010 R01 060 445	1	R0.1	1.5	6	4	45
4RRR 010 R01 080 445	1	R0.1	1.5	8	4	45
4RRR 010 R02 040 445	1	R0.2	1.5	4	4	45
4RRR 010 R02 060 445	1	R0.2	1.5	6	4	45
4RRR 010 R02 080 445	1	R0.2	1.5	8	4	45
4RRR 010 R02 100 445	1	R0.2	1.5	10	4	45
4RRR 010 R02 120 445	1	R0.2	1.5	12	4	45
4RRR 010 R03 040 445	1	R0.3	1.5	4	4	45
4RRR 010 R03 060 445	1	R0.3	1.5	6	4	45
4RRR 010 R03 080 445	1	R0.3	1.5	8	4	45
4RRR 015 R01 040 445	1.5	R0.1	2.3	4	4	45
4RRR 015 R01 060 445	1.5	R0.1	2.3	6	4	45
4RRR 015 R01 080 445	1.5	R0.1	2.3	8	4	45
4RRR 015 R01 100 445	1.5	R0.1	2.3	10	4	45
4RRR 015 R02 040 445	1.5	R0.2	2.3	4	4	45

# 4날 리브 코너 라디우스 엔드밀



## 4 Flutes Rib Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	샹크경 Shank Diameter (d)	전장 Overall Length (L)
④ 4RRR 015 R02 060 445	1.5	R0.2	2.3	6	4	45
④ 4RRR 015 R02 080 445	1.5	R0.2	2.3	8	4	45
④ 4RRR 015 R02 100 445	1.5	R0.2	2.3	10	4	45
④ 4RRR 015 R02 120 445	1.5	R0.2	2.3	12	4	45
④ 4RRR 015 R02 160 450	1.5	R0.2	2.3	16	4	50
④ 4RRR 020 R01 040 445	2	R0.1	3	4	4	45
④ 4RRR 020 R01 060 445	2	R0.1	3	6	4	45
④ 4RRR 020 R01 080 445	2	R0.1	3	8	4	45
④ 4RRR 020 R01 100 445	2	R0.1	3	10	4	45
④ 4RRR 020 R01 120 445	2	R0.1	3	12	4	45
④ 4RRR 020 R02 040 445	2	R0.2	3	4	4	45
④ 4RRR 020 R02 060 445	2	R0.2	3	6	4	45
④ 4RRR 020 R02 080 445	2	R0.2	3	8	4	45
④ 4RRR 020 R02 100 445	2	R0.2	3	10	4	45
④ 4RRR 020 R02 120 445	2	R0.2	3	12	4	45
④ 4RRR 020 R02 160 450	2	R0.2	3	16	4	50
④ 4RRR 020 R03 060 445	2	R0.3	3	6	4	45
④ 4RRR 020 R03 080 445	2	R0.3	3	8	4	45
④ 4RRR 020 R03 100 445	2	R0.3	3	10	4	45
④ 4RRR 020 R03 120 445	2	R0.3	3	12	4	45
④ 4RRR 020 R05 040 445	2	R0.5	3	4	4	45
④ 4RRR 020 R05 060 445	2	R0.5	3	6	4	45
④ 4RRR 020 R05 080 445	2	R0.5	3	8	4	45
④ 4RRR 020 R05 100 445	2	R0.5	3	10	4	45
④ 4RRR 020 R05 120 445	2	R0.5	3	12	4	45
④ 4RRR 030 R01 100 450	3	R0.1	4.5	10	4	50
④ 4RRR 030 R01 120 650	3	R0.1	4.5	12	6	50
④ 4RRR 030 R02 100 350	3	R0.2	4.5	10	3	50
④ 4RRR 030 R02 100 450	3	R0.2	4.5	10	4	50
④ 4RRR 030 R02 080 650	3	R0.2	4.5	8	6	50
④ 4RRR 030 R02 100 650	3	R0.2	4.5	10	6	50
④ 4RRR 030 R02 120 650	3	R0.2	4.5	12	6	50
④ 4RRR 030 R02 160 660	3	R0.2	4.5	16	6	60
④ 4RRR 030 R02 200 660	3	R0.2	4.5	20	6	60
④ 4RRR 030 R03 100 350	3	R0.3	4.5	10	3	50
④ 4RRR 030 R03 100 450	3	R0.3	4.5	10	4	50

# 4날 리브 코너 라디우스 엔드밀



## 4 Flutes Rib Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RRR 030 R03 080 650	3	R0.3	4.5	8	6	50
4RRR 030 R03 100 650	3	R0.3	4.5	10	6	50
4RRR 030 R03 120 650	3	R0.3	4.5	12	6	50
4RRR 030 R03 160 660	3	R0.3	4.5	16	6	60
4RRR 030 R03 200 660	3	R0.3	4.5	20	6	60
4RRR 030 R05 100 350	3	R0.5	4.5	10	3	50
4RRR 030 R05 100 450	3	R0.5	4.5	10	4	50
4RRR 030 R05 080 650	3	R0.5	4.5	8	6	50
4RRR 030 R05 100 650	3	R0.5	4.5	10	6	50
4RRR 030 R05 120 650	3	R0.5	4.5	12	6	50
4RRR 030 R05 160 660	3	R0.5	4.5	16	6	60
4RRR 030 R05 200 660	3	R0.5	4.5	20	6	60
4RRR 030 R10 100 350	3	R1.0	4.5	10	3	50
4RRR 030 R10 100 450	3	R1.0	4.5	10	4	50
4RRR 030 R10 080 650	3	R1.0	4.5	8	6	50
4RRR 030 R10 100 650	3	R1.0	4.5	10	6	50
4RRR 030 R10 120 650	3	R1.0	4.5	12	6	50
4RRR 030 R10 160 660	3	R1.0	4.5	16	6	60
4RRR 030 R10 200 660	3	R1.0	4.5	20	6	60
4RRR 040 R01 120 450	4	R0.1	6	12	4	50
4RRR 040 R02 120 450	4	R0.2	6	12	4	50
4RRR 040 R02 100 650	4	R0.2	6	10	6	50
4RRR 040 R02 120 650	4	R0.2	6	12	6	50
4RRR 040 R02 160 660	4	R0.2	6	16	6	60
4RRR 040 R02 200 660	4	R0.2	6	20	6	60
4RRR 040 R02 250 665	4	R0.2	6	25	6	65
4RRR 040 R02 300 670	4	R0.2	6	30	6	70
4RRR 040 R03 120 450	4	R0.3	6	12	4	50
4RRR 040 R03 100 650	4	R0.3	6	10	6	50
4RRR 040 R03 120 650	4	R0.3	6	12	6	50
4RRR 040 R03 160 660	4	R0.3	6	16	6	60
4RRR 040 R03 200 660	4	R0.3	6	20	6	60
4RRR 040 R05 120 450	4	R0.5	6	12	4	50
4RRR 040 R05 160 450	4	R0.5	6	16	4	50
4RRR 040 R05 160 4A0	4	R0.5	6	16	4	100
4RRR 040 R05 100 650	4	R0.5	6	10	6	50

# 4날 리브 코너 라디우스 엔드밀



## 4 Flutes Rib Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	샹크경 Shank Diameter (d)	전장 Overall Length (L)
4RRR 040 R05 120 650	4	R0.5	6	12	6	50
4RRR 040 R05 160 660	4	R0.5	6	16	6	60
4RRR 040 R05 200 660	4	R0.5	6	20	6	60
4RRR 040 R05 250 665	4	R0.5	6	25	6	65
4RRR 040 R05 300 670	4	R0.5	6	30	6	70
4RRR 040 R10 120 450	4	R1.0	6	12	4	50
4RRR 050 R05 180 660	5	R0.5	7.5	18	6	60
4RRR 060 R01 200 660	6	R0.1	9	20	6	60
4RRR 060 R02 200 660	6	R0.2	9	20	6	60
4RRR 060 R02 200 675	6	R0.2	9	20	6	75
4RRR 060 R02 200 6A0	6	R0.2	9	20	6	100
4RRR 060 R03 200 660	6	R0.3	9	20	6	60
4RRR 060 R03 200 675	6	R0.3	9	20	6	75
4RRR 060 R03 200 6A0	6	R0.3	9	20	6	100
4RRR 060 R05 200 660	6	R0.5	9	20	6	60
4RRR 060 R05 200 675	6	R0.5	9	20	6	75
4RRR 060 R05 200 6A0	6	R0.5	9	20	6	100
4RRR 060 R10 200 660	6	R1.0	9	20	6	60
4RRR 060 R10 200 675	6	R1.0	9	20	6	75
4RRR 060 R10 200 6A0	6	R1.0	9	20	6	100
4RRR 080 R01 240 865	8	R0.1	12	24	8	65
4RRR 080 R02 240 865	8	R0.2	12	24	8	65
4RRR 080 R02 240 875	8	R0.2	12	24	8	75
4RRR 080 R02 240 8A0	8	R0.2	12	24	8	100
4RRR 080 R03 240 865	8	R0.3	12	24	8	65
4RRR 080 R03 240 875	8	R0.3	12	24	8	75
4RRR 080 R03 240 8A0	8	R0.3	12	24	8	100
4RRR 080 R05 240 865	8	R0.5	12	24	8	65
4RRR 080 R05 240 875	8	R0.5	12	24	8	75
4RRR 080 R05 240 8A0	8	R0.5	12	24	8	100
4RRR 080 R10 240 865	8	R1.0	12	24	8	65
4RRR 080 R10 240 875	8	R1.0	12	24	8	75
4RRR 080 R10 240 8A0	8	R1.0	12	24	8	100
4RRR 100 R02 300 A75	10	R0.2	15	30	10	75
4RRR 100 R02 300 AA0	10	R0.2	15	30	10	100
4RRR 100 R05 300 A75	10	R0.5	15	30	10	75

## 4날 리브 코너 라디우스 엔드밀



## 4 Flutes Rib Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
④ 4RRR 100 R05 300 AA0	10	R0.5	15	30	10	100
④ 4RRR 100 R10 300 A75	10	R1.0	15	30	10	75
④ 4RRR 100 R10 300 AA0	10	R1.0	15	30	10	100
④ 4RRR 100 R10 300 AF0	10	R1.0	15	30	10	150
④ 4RRR 120 R05 300 C80	12	R0.5	18	30	12	80
④ 4RRR 120 R05 300 CB0	12	R0.5	18	30	12	110
④ 4RRR 120 R05 300 CF0	12	R0.5	18	30	12	150
④ 4RRR 120 R10 300 C80	12	R1.0	18	30	12	80
④ 4RRR 120 R10 300 CB0	12	R1.0	18	30	12	110
④ 4RRR 120 R10 300 CF0	12	R1.0	18	30	12	150

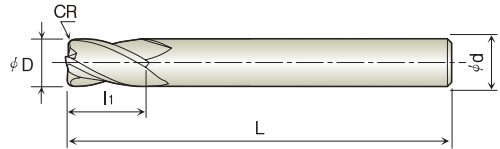
④ 신제품 New Production

# 4RCR



## 4날 코너 레디우스 엔드밀

### 4 Flutes Corner Radius End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (Li)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
4RCR 010 R01 025 445	1	R0.1	2.5	4	45
4RCR 010 R02 025 445	1	R0.2	2.5	4	45
4RCR 010 R03 025 445	1	R0.3	2.5	4	45
4RCR 015 R01 040 445	1.5	R0.1	4	4	45
4RCR 015 R02 040 445	1.5	R0.2	4	4	45
4RCR 015 R03 040 445	1.5	R0.3	4	4	45
4RCR 015 R05 040 445	1.5	R0.5	4	4	45
4RCR 020 R01 060 445	2	R0.1	6	4	45
4RCR 020 R02 060 445	2	R0.2	6	4	45
4RCR 020 R03 060 445	2	R0.3	6	4	45
4RCR 020 R05 060 445	2	R0.5	6	4	45
4RCR 025 R01 060 450	2.5	R0.1	6	4	50
4RCR 025 R02 060 450	2.5	R0.2	6	4	50
4RCR 025 R03 060 450	2.5	R0.3	6	4	50
4RCR 025 R05 060 450	2.5	R0.5	6	4	50
4RCR 030 R01 080 660	3	R0.1	8	6	60
4RCR 030 R02 080 660	3	R0.2	8	6	60
4RCR 030 R03 080 660	3	R0.3	8	6	60
4RCR 030 R05 080 660	3	R0.5	8	6	60
4RCR 040 R01 100 670	4	R0.1	10	6	70
4RCR 040 R02 100 670	4	R0.2	10	6	70
4RCR 040 R03 100 670	4	R0.3	10	6	70
4RCR 040 R05 100 670	4	R0.5	10	6	70
4RCR 040 R10 100 670	4	R1.0	10	6	70
4RCR 050 R01 130 675	5	R0.1	13	6	75



# 4날 코너 라디우스 엔드밀



## 4 Flutes Corner Radius End Mills

unit(mm)

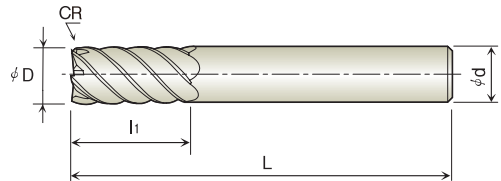
모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RCR 050 R02 130 675	5	R0.2	13	6	75
4RCR 050 R03 130 675	5	R0.3	13	6	75
4RCR 050 R05 130 675	5	R0.5	13	6	75
4RCR 050 R10 130 675	5	R1.0	13	6	75
4RCR 060 R01 130 690	6	R0.1	13	6	90
4RCR 060 R02 130 690	6	R0.2	13	6	90
4RCR 060 R03 130 690	6	R0.3	13	6	90
4RCR 060 R05 130 690	6	R0.5	13	6	90
4RCR 060 R10 130 690	6	R1.0	13	6	90
4RCR 080 R01 190 8A0	8	R0.1	19	8	100
4RCR 080 R02 190 8A0	8	R0.2	19	8	100
4RCR 080 R03 190 8A0	8	R0.3	19	8	100
4RCR 080 R05 190 8A0	8	R0.5	19	8	100
4RCR 080 R10 190 8A0	8	R1.0	19	8	100
4RCR 080 R20 190 8A0	8	R2.0	19	8	100
4RCR 100 R02 220 AA0	10	R0.2	22	10	100
4RCR 100 R03 220 AA0	10	R0.3	22	10	100
4RCR 100 R05 220 AA0	10	R0.5	22	10	100
4RCR 100 R10 220 AA0	10	R1.0	22	10	100
4RCR 100 R20 220 AA0	10	R2.0	22	10	100
4RCR 120 R02 260 CB0	12	R0.2	26	12	110
4RCR 120 R03 260 CB0	12	R0.3	26	12	110
4RCR 120 R05 260 CB0	12	R0.5	26	12	110
4RCR 120 R10 260 CB0	12	R1.0	26	12	110
4RCR 120 R20 260 CB0	12	R2.0	26	12	110

# 6RCR



## 6날 45° 코너 래디우스 엔드밀

### 6 Flutes 45° Corner Radius End Mills



unit(mm)

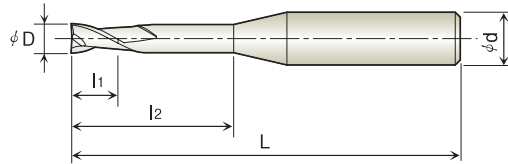
모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	코너반경 Corner Radius (CR)	날장 Length of Cut (L <sub>i</sub> )	샙크경 Shank Diameter (d)	전장 Overall Length (L)
6RCR 030 R05 080 650	3	R0.5	8	6	50
6RCR 040 R05 100 650	4	R0.5	10	6	50
6RCR 060 R05 130 650	6	R0.5	13	6	50
6RCR 080 R05 190 865	8	R0.5	19	8	65
6RCR 100 R05 220 A70	10	R0.5	22	10	70
6RCR 120 R05 260 C80	12	R0.5	26	12	80

# 2RRE



## 2날 리브 플랫 엔드밀

### 2 Flutes Rib Flat End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (l.)	유효장 Effective Length (l.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
2RRE 001 003 445	0.1	0.15	0.3	4	45
2RRE 001 005 445	0.1	0.15	0.5	4	45
2RRE 002 005 445	0.2	0.3	0.5	4	45
2RRE 002 010 445	0.2	0.3	1	4	45
② 2RRE 002 020 445	0.2	0.3	2	4	45
2RRE 003 005 445	0.3	0.45	0.5	4	45
2RRE 003 010 445	0.3	0.45	1	4	45
2RRE 003 015 445	0.3	0.45	1.5	4	45
2RRE 003 020 445	0.3	0.45	2	4	45
2RRE 003 025 445	0.3	0.45	2.5	4	45
2RRE 003 030 445	0.3	0.45	3	4	45
2RRE 004 010 445	0.4	0.6	1	4	45
2RRE 004 015 445	0.4	0.6	1.5	4	45
2RRE 004 020 445	0.4	0.6	2	4	45
2RRE 004 025 445	0.4	0.6	2.5	4	45
2RRE 004 030 445	0.4	0.6	3	4	45
2RRE 004 035 445	0.4	0.6	3.5	4	45
2RRE 004 040 445	0.4	0.6	4	4	45
2RRE 005 010 445	0.5	0.7	1	4	45
2RRE 005 020 445	0.5	0.7	2	4	45
2RRE 005 030 445	0.5	0.7	3	4	45
2RRE 005 040 445	0.5	0.7	4	4	45
2RRE 005 050 445	0.5	0.7	5	4	45
2RRE 005 060 445	0.5	0.7	6	4	45
2RRE 005 080 445	0.5	0.7	8	4	45

# 2날 리브 플랫 엔드밀



## 2 Flutes Rib Flat End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	샹크경 Shank Diameter (d)	전장 Overall Length (L)
2RRE 006 020 445	0.6	0.9	2	4	45
2RRE 006 030 445	0.6	0.9	3	4	45
2RRE 006 040 445	0.6	0.9	4	4	45
2RRE 006 050 445	0.6	0.9	5	4	45
2RRE 006 060 445	0.6	0.9	6	4	45
2RRE 006 080 445	0.6	0.9	8	4	45
2RRE 006 100 445	0.6	0.9	10	4	45
2RRE 007 020 445	0.7	1	2	4	45
2RRE 007 040 445	0.7	1	4	4	45
2RRE 007 060 445	0.7	1	6	4	45
2RRE 007 080 445	0.7	1	8	4	45
2RRE 007 100 445	0.7	1	10	4	45
2RRE 007 120 445	0.7	1	12	4	45
2RRE 008 020 445	0.8	1.2	2	4	45
2RRE 008 030 445	0.8	1.2	3	4	45
2RRE 008 040 445	0.8	1.2	4	4	45
2RRE 008 050 445	0.8	1.2	5	4	45
2RRE 008 060 445	0.8	1.2	6	4	45
2RRE 008 080 445	0.8	1.2	8	4	45
2RRE 008 100 445	0.8	1.2	10	4	45
2RRE 008 120 445	0.8	1.2	12	4	45
2RRE 009 060 445	0.9	1.3	6	4	45
2RRE 009 080 445	0.9	1.3	8	4	45
2RRE 009 100 445	0.9	1.3	10	4	45

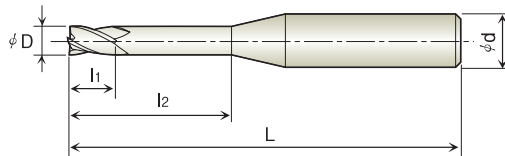
신제품 New Production

# 4RRE



## 4날 리브 플랫 엔드밀

### 4 Flutes Rib Flat End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (l.)	유효장 Effective Length (l.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RRE 010 030 445	1	1.5	3	4	45
4RRE 010 040 445	1	1.5	4	4	45
4RRE 010 060 445	1	1.5	6	4	45
4RRE 010 080 445	1	1.5	8	4	45
4RRE 010 100 445	1	1.5	10	4	45
4RRE 015 040 445	1.5	2.3	4	4	45
4RRE 015 060 445	1.5	2.3	6	4	45
4RRE 015 080 445	1.5	2.3	8	4	45
4RRE 015 100 445	1.5	2.3	10	4	45
4RRE 015 120 445	1.5	2.3	12	4	45
4RRE 015 160 450	1.5	2.3	16	4	50
4RRE 020 060 445	2	3	6	4	45
4RRE 020 080 445	2	3	8	4	45
4RRE 020 100 445	2	3	10	4	45
4RRE 020 120 445	2	3	12	4	45
4RRE 020 160 450	2	3	16	4	50
4RRE 020 200 450	2	3	20	4	50
4RRE 030 080 650	3	4.5	8	6	50
4RRE 030 100 650	3	4.5	10	6	50
4RRE 030 120 650	3	4.5	12	6	50
4RRE 030 160 660	3	4.5	16	6	60
4RRE 030 200 660	3	4.5	20	6	60
4RRE 040 100 650	4	6	10	6	50
4RRE 040 120 650	4	6	12	6	50
4RRE 040 160 660	4	6	16	6	60

# 4날 리브 플랫 엔드밀



## 4 Flutes Rib Flat End Mills

unit(mm)

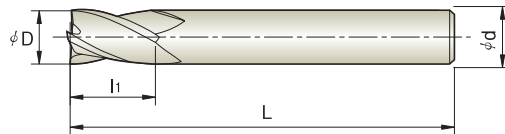
모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (L.)	유효장 Effective Length (L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RRE 040 200 660	4	6	20	6	60
4RRE 040 250 665	4	6	25	6	65
4RRE 050 160 660	5	8	16	6	60
4RRE 050 300 670	5	8	30	6	70
4RRE 060 150 660	6	9	15	6	60
4RRE 060 200 660	6	9	20	6	60
4RRE 060 300 670	6	9	30	6	70
4RRE 080 200 865	8	12	20	8	65
4RRE 080 300 880	8	12	30	8	80
4RRE 080 400 8A0	8	12	40	8	100
4RRE 100 250 A70	10	15	25	10	70
4RRE 100 350 AA0	10	15	35	10	100
4RRE 100 450 AA0	10	15	45	10	100
4RRE 120 300 C80	12	18	30	12	80
4RRE 120 400 CB0	12	18	40	12	110
4RRE 120 500 CB0	12	18	50	12	110

# 4RPE



## 4날 플랫 엔드밀

### 4 Flutes Flat End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (L <sub>1</sub> )	생크경 Shank Diameter (d)	전장 Overall Length (L)
4RPE 010 025 445	1	2.5	4	45
4RPE 012 040 445	1.2	4	4	45
4RPE 015 040 445	1.5	4	4	45
4RPE 020 060 445	2	6	4	45
4RPE 025 080 445	2.5	8	4	45
4RPE 030 100 450	3	10	4	50
4RPE 035 100 650	3.5	10	6	50
4RPE 040 120 450	4	12	4	50
4RPE 050 150 650	5	15	6	50
4RPE 060 150 650	6	15	6	50
④ 4RPE 060 150 675	6	15	6	75
4RPE 070 200 865	7	20	8	65
4RPE 080 200 865	8	20	8	65
④ 4RPE 080 200 875	8	20	8	75
4RPE 100 250 A70	10	25	10	70
④ 4RPE 100 250 A75	10	25	10	75
4RPE 120 300 C80	12	30	12	80

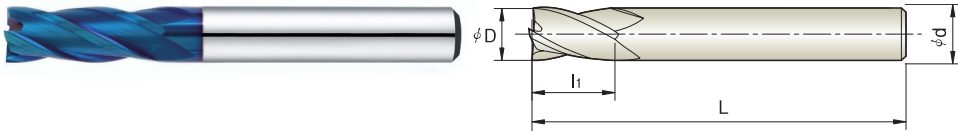
④ 신제품 New Production

# 4RLE



## 4날 롱 플랫 엔드밀

### 4 Flutes Long Flat End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	날장 Length of Cut (l <sub>1</sub> )	샙크경 Shank Diameter (d)	전장 Overall Length (L)
④ 4RLE 080 300 8A0	8	30	8	100
④ 4RLE 100 350 AA0	10	35	10	100
④ 4RLE 120 400 CA0	12	40	12	100

④ 신제품 New Production

R-PRO

H-PRO

A-PRO

X-PRO

S-PRO

D-PRO

A-PLUS

AL-PRO

ABS

MICRO GRAIN

MULTI

기술자료

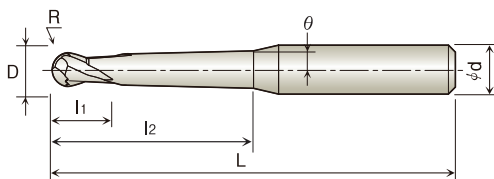


# 2RTB



## 2날 테이퍼 넥 볼 엔드밀

### 2 Flutes Taper Neck Ball End Mills



unit(mm)

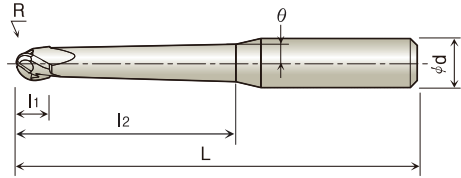
모델번호 Model No.	볼반경 Radius of Ball Nose (R)	포인트각도 Angle(θ)	날장 Length of Cut (l.)	유효장 Effective Length(l.)	샹크경 Shank Diameter (d)	전장 Overall Length (L)
2RTB 010 010 460	R0.5		1		4	60
2RTB 010 010 480	R0.5		1		4	80
2RTB 010 010 690	R0.5		1		6	90
2RTB 015 015 460	R0.75		1.5		4	60
2RTB 015 015 480	R0.75		1.5		4	80
2RTB 015 015 690	R0.75		1.5		6	90
2RTB 020 020 470	R1		2		4	70
2RTB 020 020 490	R1		2		4	90
2RTB 020 020 690	R1		2		6	90
2RTB 030 030 680	R1.5		3		6	80
2RTB 030 030 6A0	R1.5	고객 맞춤 각도주문	3	고객 맞춤 유효장주문	6	100
2RTB 030 030 8B0	R1.5	고객 맞춤 각도주문	3	고객 맞춤 유효장주문	8	110
2RTB 040 040 680	R2	Angle Custom-Order	4	Effective Length Custom-Order	6	80
2RTB 040 040 6B0	R2	Angle Custom-Order	4	Effective Length Custom-Order	6	110
2RTB 040 040 8B0	R2		4		8	110
2RTB 050 050 890	R2.5		5		8	90
2RTB 050 050 8B0	R2.5		5		8	110
2RTB 060 060 8B0	R3		6		8	110
2RTB 060 060 AF0	R3		6		10	150
2RTB 080 080 AB0	R4		8		10	110
2RTB 080 080 CG0	R4		8		12	160
2RTB 100 100 CB0	R5		10		12	110
2RTB 100 100 CG0	R5		10		12	160
2RTB 120 120 GG0	R6		12		16	160

# 3RTB



## 3날 테이퍼 넥 볼 엔드밀

### 3 Flutes Taper Neck Ball End Mills



unit(mm)

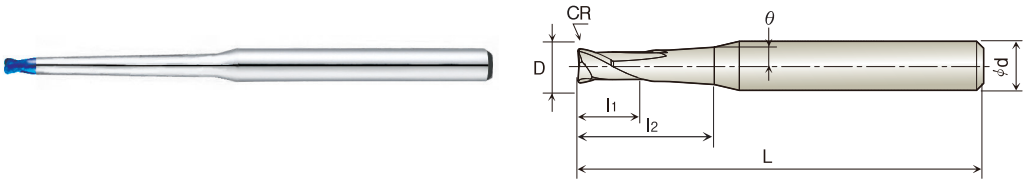
모델번호 Model No.	볼반경 Radius of Ball Nose (R)	포인트각도 Angle( $\theta$ )	날장 Length of Cut (l <sub>1</sub> )	유효장 Effective Length(l <sub>2</sub> )	생크경 Shank Diameter (d)	전장 Overall Length (L)
3RTB 010 010 460	R0.5		1		4	60
3RTB 010 010 480	R0.5		1		4	80
3RTB 010 010 690	R0.5		1		6	90
3RTB 015 015 460	R0.75		1.5		4	60
3RTB 015 015 480	R0.75		1.5		4	80
3RTB 015 015 690	R0.75		1.5		6	90
3RTB 020 020 470	R1		2		4	70
3RTB 020 020 490	R1		2		4	90
3RTB 020 020 690	R1		2		6	90
3RTB 030 030 680	R1.5		3		6	80
3RTB 030 030 6A0	R1.5	고객 맞춤 각도주문	3	고객 맞춤 유효장주문	6	100
3RTB 030 030 8B0	R1.5		3		8	110
3RTB 040 040 680	R2		4	Effective Length	6	80
3RTB 040 040 6B0	R2	Angle Custom-Order	4	Custom-Order	6	110
3RTB 040 040 8B0	R2		4		8	110
3RTB 050 050 890	R2.5		5		8	90
3RTB 050 050 8B0	R2.5		5		8	110
3RTB 060 060 8B0	R3		6		8	110
3RTB 060 060 AF0	R3		6		10	150
3RTB 080 080 AB0	R4		8		10	110
3RTB 080 080 CG0	R4		8		12	160
3RTB 100 100 CB0	R5		10		12	110
3RTB 100 100 CG0	R5		10		12	160
3RTB 120 120 GG0	R6		12		16	160

# 2RTR



## 2날 테이퍼 넥 코너 라디우스 엔드밀

### 2 Flutes Taper Neck Corner Radius End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	포인트각도 Angle( $\theta$ )	코너반경 Corner Radius (CR)	날장 Length of Cut (l <sub>1</sub> )	유효장 Effective Length(l <sub>2</sub> )	샙크경 Shank Diameter (d)	전장 Overall Length (L)
2RTR 010 R01 010 460	1	고객 맞춤 각도주문	R0.1	1	고객 맞춤 유효장주문	4	60
2RTR 010 R01 010 480	1		R0.1	1		4	80
2RTR 010 R01 010 680	1		R0.1	1		6	80
2RTR 010 R02 010 460	1		R0.2	1		4	60
2RTR 010 R02 010 480	1		R0.2	1		4	80
2RTR 010 R02 010 680	1		R0.2	1		6	80
2RTR 010 R03 010 460	1		R0.3	1		4	60
2RTR 010 R03 010 480	1		R0.3	1		4	80
2RTR 010 R03 010 680	1		R0.3	1		6	80
2RTR 015 R02 015 460	1.5		R0.2	1.5		4	60
2RTR 015 R02 015 480	1.5		R0.2	1.5		4	80
2RTR 015 R02 015 680	1.5		R0.2	1.5		6	80
2RTR 015 R03 015 460	1.5		R0.3	1.5		4	60
2RTR 015 R03 015 480	1.5		R0.3	1.5		4	80
2RTR 015 R03 015 680	1.5		R0.3	1.5		6	80
2RTR 015 R05 015 460	1.5		R0.5	1.5		4	60
2RTR 015 R05 015 480	1.5		R0.5	1.5		4	80
2RTR 015 R05 015 680	1.5		R0.5	1.5		6	80
2RTR 020 R02 020 470	2	R0.2	2	4	70		
2RTR 020 R02 020 480	2	R0.2	2	4	80		
2RTR 020 R02 020 680	2	R0.2	2	6	80		
2RTR 020 R03 015 460	2	R0.3	1.5	4	60		
2RTR 020 R03 015 480	2	R0.3	1.5	4	80		
2RTR 020 R03 015 680	2	R0.3	1.5	6	80		

# 2날 테이퍼 넥 코너 라디우스 엔드밀



## 2 Flutes Taper Neck Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	포인트각도 Angle(θ)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length(L.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
㉔ 2RTR 020 R05 020 470	2		R0.5	2		4	70
㉔ 2RTR 020 R05 020 480	2		R0.5	2		4	80
㉔ 2RTR 020 R05 020 680	2		R0.5	2		6	80
㉔ 2RTR 030 R02 030 680	3		R0.2	3		6	80
㉔ 2RTR 030 R02 030 6A0	3		R0.2	3		6	100
㉔ 2RTR 030 R03 030 680	3		R0.3	3		6	80
㉔ 2RTR 030 R03 030 6A0	3		R0.3	3		6	100
㉔ 2RTR 030 R05 030 680	3	고객 맞춤 각도주문	R0.5	3	고객 맞춤 유효장주문	6	80
㉔ 2RTR 030 R05 030 6A0	3		R0.5	3	Effective Length Custom- Order	6	100
㉔ 2RTR 040 R02 040 680	4	Angle Custom- Order	R0.2	4		6	80
㉔ 2RTR 040 R02 040 6A0	4		R0.2	4		6	100
㉔ 2RTR 040 R03 040 680	4		R0.3	4		6	80
㉔ 2RTR 040 R03 040 6A0	4		R0.3	4		6	100
㉔ 2RTR 040 R05 040 680	4		R0.5	4		6	80
㉔ 2RTR 040 R05 040 6A0	4		R0.5	4		6	100
㉔ 2RTR 040 R10 040 680	4		R1	4		6	80
㉔ 2RTR 040 R10 040 6A0	4		R1	4		6	100

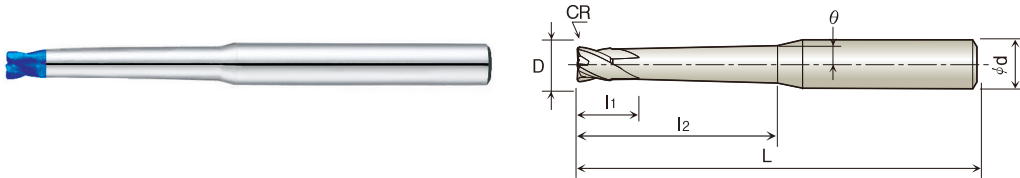
㉔ 신제품 New Production

# 4RTR



## 4날 테이퍼 넥 코너 라디우스 엔드밀

### 4 Flutes Taper Neck Corner Radius End Mills



unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	포인트각도 Angle( $\theta$ )	코너반경 Corner Radius (CR)	날장 Length of Cut (l.)	유효장 Effective Length(l.)	샹크경 Shank Diameter (d)	전장 Overall Length (L)
4RTR 010 R01 010 460	1		R0.1	1		4	60
4RTR 010 R01 010 480	1		R0.1	1		4	80
4RTR 010 R01 010 680	1		R0.1	1		6	80
4RTR 010 R02 010 460	1		R0.2	1		4	60
4RTR 010 R02 010 480	1		R0.2	1		4	80
4RTR 010 R02 010 680	1		R0.2	1		6	80
4RTR 015 R02 015 460	1.5		R0.2	1.5		4	60
4RTR 015 R02 015 480	1.5		R0.2	1.5		4	80
4RTR 015 R02 015 680	1.5		R0.2	1.5		6	80
4RTR 015 R03 015 460	1.5		R0.3	1.5		4	60
4RTR 015 R03 015 480	1.5	고객 맞춤 각도주문	R0.3	1.5	고객 맞춤 유효장주문	4	80
4RTR 015 R03 015 680	1.5		R0.3	1.5		6	80
4RTR 015 R05 015 460	1.5	Angle Custom- Order	R0.5	1.5	Effective Length Custom- Order	4	60
4RTR 015 R05 015 480	1.5		R0.5	1.5		4	80
4RTR 015 R05 015 680	1.5		R0.5	1.5		6	80
4RTR 020 R02 020 470	2		R0.2	2		4	70
4RTR 020 R02 020 480	2		R0.2	2		4	80
4RTR 020 R02 020 680	2		R0.2	2		6	80
4RTR 020 R05 020 470	2		R0.5	2		4	70
4RTR 020 R05 020 480	2		R0.5	2		4	80
4RTR 020 R05 020 680	2		R0.5	2		6	80
4RTR 025 R03 025 470	2.5		R0.3	2.5		4	70
4RTR 025 R03 025 480	2.5		R0.3	2.5		4	80
4RTR 025 R03 025 680	2.5		R0.3	2.5		6	80

# 4날 테이퍼 넥 코너 라디우스 엔드밀



## 4 Flutes Taper Neck Corner Radius End Mills

unit(mm)

모델번호 Model No.	인선직경(선단경) Outside Diameter (D)	포인트각도 Angle(θ)	코너반경 Corner Radius (CR)	날장 Length of Cut (L.)	유효장 Effective Length(L.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
④ 4RTR 025 R05 025 470	2.5	고객 맞춤 각도주문  Angle Custom- Order	R0.5	2.5	고객 맞춤 유효장주문  Effective Length Custom- Order	4	70
④ 4RTR 025 R05 025 480	2.5		R0.5	2.5		4	80
④ 4RTR 025 R05 025 680	2.5		R0.5	2.5		6	80
④ 4RTR 030 R03 030 680	3		R0.3	3		6	80
④ 4RTR 030 R03 030 6A0	3		R0.3	3		6	100
④ 4RTR 030 R05 030 680	3		R0.5	3		6	80
④ 4RTR 030 R05 030 6A0	3		R0.5	3		6	100
④ 4RTR 040 R03 040 680	4		R0.3	4		6	80
④ 4RTR 040 R03 040 6A0	4		R0.3	4		6	100
④ 4RTR 040 R05 040 680	4		R0.5	4		6	80
④ 4RTR 040 R05 040 6A0	4	R0.5	4	6	100		

④ 신제품 New Production

R-PRO

H-PRO

A-PRO

X-PRO

S-PRO

D-PRO

A-PLUS

AL-PRO

ABS

MICRO GRAIN

MULTI

기술자료