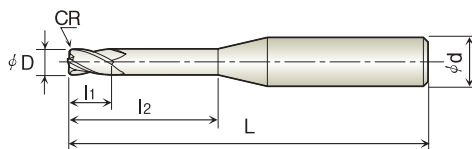


4HRR



4날 리브 코너 래디우스 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 ₁)	유효장 Effective Length (l ₂)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4HRR 008 R002 020 445	0.8	R0.02	1.2	2	4	45
4HRR 008 R002 040 445	0.8	R0.02	1.2	4	4	45
4HRR 008 R002 060 445	0.8	R0.02	1.2	6	4	45
4HRR 008 R002 080 445	0.8	R0.02	1.2	8	4	45
4HRR 008 R002 100 445	0.8	R0.02	1.2	10	4	45
4HRR 008 R005 020 445	0.8	R0.05	1.2	2	4	45
4HRR 008 R005 040 445	0.8	R0.05	1.2	4	4	45
4HRR 008 R005 060 445	0.8	R0.05	1.2	6	4	45
4HRR 008 R005 080 445	0.8	R0.05	1.2	8	4	45
4HRR 008 R005 100 445	0.8	R0.05	1.2	10	4	45
4HRR 008 R01 020 445	0.8	R0.1	1.2	2	4	45
4HRR 008 R01 040 445	0.8	R0.1	1.2	4	4	45
4HRR 008 R01 060 445	0.8	R0.1	1.2	6	4	45
4HRR 008 R01 080 445	0.8	R0.1	1.2	8	4	45
4HRR 008 R01 100 445	0.8	R0.1	1.2	10	4	45
4HRR 010 R002 040 445	1	R0.02	1.5	4	4	45
4HRR 010 R002 060 445	1	R0.02	1.5	6	4	45
4HRR 010 R002 080 445	1	R0.02	1.5	8	4	45
4HRR 010 R002 100 445	1	R0.02	1.5	10	4	45
4HRR 010 R002 120 445	1	R0.02	1.5	12	4	45
4HRR 010 R002 160 450	1	R0.02	1.5	16	4	50
4HRR 010 R002 200 450	1	R0.02	1.5	20	4	50
4HRR 010 R005 040 445	1	R0.05	1.5	4	4	45
4HRR 010 R005 060 445	1	R0.05	1.5	6	4	45
4HRR 010 R005 080 445	1	R0.05	1.5	8	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.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4HRR 010 R005 100 445	1	R0.05	1.5	10	4	45
4HRR 010 R005 120 445	1	R0.05	1.5	12	4	45
4HRR 010 R005 160 450	1	R0.05	1.5	16	4	50
4HRR 010 R005 200 450	1	R0.05	1.5	20	4	50
4HRR 010 R01 040 445	1	R0.1	1.5	4	4	45
4HRR 010 R01 060 445	1	R0.1	1.5	6	4	45
4HRR 010 R01 080 445	1	R0.1	1.5	8	4	45
4HRR 010 R01 100 445	1	R0.1	1.5	10	4	45
4HRR 010 R01 120 445	1	R0.1	1.5	12	4	45
4HRR 010 R01 160 450	1	R0.1	1.5	16	4	50
4HRR 010 R01 200 450	1	R0.1	1.5	20	4	50
4HRR 010 R02 040 445	1	R0.2	1.5	4	4	45
4HRR 010 R02 060 445	1	R0.2	1.5	6	4	45
4HRR 010 R02 080 445	1	R0.2	1.5	8	4	45
4HRR 010 R02 100 445	1	R0.2	1.5	10	4	45
4HRR 010 R02 120 445	1	R0.2	1.5	12	4	45
4HRR 010 R02 160 450	1	R0.2	1.5	16	4	50
4HRR 010 R02 200 450	1	R0.2	1.5	20	4	50
4HRR 010 R03 040 445	1	R0.3	1.5	4	4	45
4HRR 010 R03 060 445	1	R0.3	1.5	6	4	45
4HRR 010 R03 080 445	1	R0.3	1.5	8	4	45
4HRR 010 R03 100 445	1	R0.3	1.5	10	4	45
4HRR 010 R03 120 445	1	R0.3	1.5	12	4	45
4HRR 010 R03 160 450	1	R0.3	1.5	16	4	50
4HRR 010 R03 200 450	1	R0.3	1.5	20	4	50
4HRR 012 R002 040 445	1.2	R0.02	1.8	4	4	45
4HRR 012 R002 060 445	1.2	R0.02	1.8	6	4	45
4HRR 012 R002 080 445	1.2	R0.02	1.8	8	4	45
4HRR 012 R002 100 445	1.2	R0.02	1.8	10	4	45
4HRR 012 R002 120 445	1.2	R0.02	1.8	12	4	45
4HRR 012 R002 160 450	1.2	R0.02	1.8	16	4	50
4HRR 012 R002 200 450	1.2	R0.02	1.8	20	4	50
4HRR 012 R005 040 445	1.2	R0.05	1.8	4	4	45
4HRR 012 R005 060 445	1.2	R0.05	1.8	6	4	45
4HRR 012 R005 080 445	1.2	R0.05	1.8	8	4	45

4날 리브 코너 래디우스 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.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
4HRR 012 R005 100 445	1.2	R0.05	1.8	10	4	45
4HRR 012 R005 120 445	1.2	R0.05	1.8	12	4	45
4HRR 012 R005 160 450	1.2	R0.05	1.8	16	4	50
4HRR 012 R005 200 450	1.2	R0.05	1.8	20	4	50
4HRR 012 R01 040 445	1.2	R0.1	1.8	4	4	45
4HRR 012 R01 060 445	1.2	R0.1	1.8	6	4	45
4HRR 012 R01 080 445	1.2	R0.1	1.8	8	4	45
4HRR 012 R01 100 445	1.2	R0.1	1.8	10	4	45
4HRR 012 R01 120 445	1.2	R0.1	1.8	12	4	45
4HRR 012 R01 160 450	1.2	R0.1	1.8	16	4	50
4HRR 012 R01 200 450	1.2	R0.1	1.8	20	4	50
4HRR 012 R02 040 445	1.2	R0.2	1.8	4	4	45
4HRR 012 R02 060 445	1.2	R0.2	1.8	6	4	45
4HRR 012 R02 080 445	1.2	R0.2	1.8	8	4	45
4HRR 012 R02 100 445	1.2	R0.2	1.8	10	4	45
4HRR 012 R02 120 445	1.2	R0.2	1.8	12	4	45
4HRR 012 R02 160 450	1.2	R0.2	1.8	16	4	50
4HRR 012 R02 200 450	1.2	R0.2	1.8	20	4	50
4HRR 012 R03 040 445	1.2	R0.3	1.8	4	4	45
4HRR 012 R03 060 445	1.2	R0.3	1.8	6	4	45
4HRR 012 R03 080 445	1.2	R0.3	1.8	8	4	45
4HRR 012 R03 100 445	1.2	R0.3	1.8	10	4	45
4HRR 012 R03 120 445	1.2	R0.3	1.8	12	4	45
4HRR 012 R03 160 450	1.2	R0.3	1.8	16	4	50
4HRR 012 R03 200 450	1.2	R0.3	1.8	20	4	50
4HRR 015 R002 040 445	1.5	R0.02	2.3	4	4	45
4HRR 015 R002 060 445	1.5	R0.02	2.3	6	4	45
4HRR 015 R002 080 445	1.5	R0.02	2.3	8	4	45
4HRR 015 R002 100 445	1.5	R0.02	2.3	10	4	45
4HRR 015 R002 120 445	1.5	R0.02	2.3	12	4	45
4HRR 015 R002 160 450	1.5	R0.02	2.3	16	4	50
4HRR 015 R002 200 450	1.5	R0.02	2.3	20	4	50
4HRR 015 R002 220 460	1.5	R0.02	2.3	22	4	60
4HRR 015 R002 250 460	1.5	R0.02	2.3	25	4	60
4HRR 015 R005 040 445	1.5	R0.05	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.)	생크경 Shank Diameter (d)	전장 Overall Length (L)
4HRR 015 R005 060 445	1.5	R0.05	2.3	6	4	45
4HRR 015 R005 080 445	1.5	R0.05	2.3	8	4	45
4HRR 015 R005 100 445	1.5	R0.05	2.3	10	4	45
4HRR 015 R005 120 445	1.5	R0.05	2.3	12	4	45
4HRR 015 R005 160 450	1.5	R0.05	2.3	16	4	50
4HRR 015 R005 200 450	1.5	R0.05	2.3	20	4	50
4HRR 015 R005 220 460	1.5	R0.05	2.3	22	4	60
4HRR 015 R005 250 460	1.5	R0.05	2.3	25	4	60
4HRR 015 R01 040 445	1.5	R0.1	2.3	4	4	45
4HRR 015 R01 060 445	1.5	R0.1	2.3	6	4	45
4HRR 015 R01 080 445	1.5	R0.1	2.3	8	4	45
4HRR 015 R01 100 445	1.5	R0.1	2.3	10	4	45
4HRR 015 R01 120 445	1.5	R0.1	2.3	12	4	45
4HRR 015 R01 160 450	1.5	R0.1	2.3	16	4	50
4HRR 015 R01 200 450	1.5	R0.1	2.3	20	4	50
4HRR 015 R01 220 460	1.5	R0.1	2.3	22	4	60
4HRR 015 R01 250 460	1.5	R0.1	2.3	25	4	60
4HRR 015 R02 040 445	1.5	R0.2	2.3	4	4	45
4HRR 015 R02 060 445	1.5	R0.2	2.3	6	4	45
4HRR 015 R02 080 445	1.5	R0.2	2.3	8	4	45
4HRR 015 R02 100 445	1.5	R0.2	2.3	10	4	45
4HRR 015 R02 120 445	1.5	R0.2	2.3	12	4	45
4HRR 015 R02 160 450	1.5	R0.2	2.3	16	4	50
4HRR 015 R02 200 450	1.5	R0.2	2.3	20	4	50
4HRR 015 R02 220 460	1.5	R0.2	2.3	22	4	60
4HRR 015 R02 250 460	1.5	R0.2	2.3	25	4	60
4HRR 015 R03 040 445	1.5	R0.3	2.3	4	4	45
4HRR 015 R03 060 445	1.5	R0.3	2.3	6	4	45
4HRR 015 R03 080 445	1.5	R0.3	2.3	8	4	45
4HRR 015 R03 100 445	1.5	R0.3	2.3	10	4	45
4HRR 015 R03 120 445	1.5	R0.3	2.3	12	4	45
4HRR 015 R03 160 450	1.5	R0.3	2.3	16	4	50
4HRR 015 R03 200 450	1.5	R0.3	2.3	20	4	50
4HRR 015 R03 220 460	1.5	R0.3	2.3	22	4	60
4HRR 015 R03 250 460	1.5	R0.3	2.3	25	4	60

4날 리브 코너 래디우스 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.)	샙크경 Shank Diameter (d)	전장 Overall Length (L)
4HRR 015 R05 040 445	1.5	R0.5	2.3	4	4	45
4HRR 015 R05 060 445	1.5	R0.5	2.3	6	4	45
4HRR 015 R05 080 445	1.5	R0.5	2.3	8	4	45
4HRR 015 R05 100 445	1.5	R0.5	2.3	10	4	45
4HRR 015 R05 120 445	1.5	R0.5	2.3	12	4	45
4HRR 015 R05 160 450	1.5	R0.5	2.3	16	4	50
4HRR 015 R05 200 450	1.5	R0.5	2.3	20	4	50
4HRR 015 R05 220 460	1.5	R0.5	2.3	22	4	60
4HRR 015 R05 250 460	1.5	R0.5	2.3	25	4	60
4HRR 020 R002 040 445	2	R0.02	3	4	4	45
4HRR 020 R002 060 445	2	R0.02	3	6	4	45
4HRR 020 R002 080 445	2	R0.02	3	8	4	45
4HRR 020 R002 100 445	2	R0.02	3	10	4	45
4HRR 020 R002 120 445	2	R0.02	3	12	4	45
4HRR 020 R002 140 450	2	R0.02	3	14	4	50
4HRR 020 R002 160 450	2	R0.02	3	16	4	50
4HRR 020 R002 180 450	2	R0.02	3	18	4	50
4HRR 020 R002 200 450	2	R0.02	3	20	4	50
4HRR 020 R002 220 460	2	R0.02	3	22	4	60
4HRR 020 R002 250 460	2	R0.02	3	25	4	60
4HRR 020 R002 300 470	2	R0.02	3	30	4	70
4HRR 020 R002 350 470	2	R0.02	3	35	4	70
4HRR 020 R005 040 445	2	R0.05	3	4	4	45
4HRR 020 R005 060 445	2	R0.05	3	6	4	45
4HRR 020 R005 080 445	2	R0.05	3	8	4	45
4HRR 020 R005 100 445	2	R0.05	3	10	4	45
4HRR 020 R005 120 445	2	R0.05	3	12	4	45
4HRR 020 R005 140 450	2	R0.05	3	14	4	50
4HRR 020 R005 160 450	2	R0.05	3	16	4	50
4HRR 020 R005 180 450	2	R0.05	3	18	4	50
4HRR 020 R005 200 450	2	R0.05	3	20	4	50
4HRR 020 R005 220 460	2	R0.05	3	22	4	60
4HRR 020 R005 250 460	2	R0.05	3	25	4	60
4HRR 020 R005 300 470	2	R0.05	3	30	4	70
4HRR 020 R005 350 470	2	R0.05	3	35	4	70

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)
4HRR 020 R01 040 445	2	R0.1	3	4	4	45
4HRR 020 R01 060 445	2	R0.1	3	6	4	45
4HRR 020 R01 080 445	2	R0.1	3	8	4	45
4HRR 020 R01 100 445	2	R0.1	3	10	4	45
4HRR 020 R01 120 445	2	R0.1	3	12	4	45
4HRR 020 R01 140 450	2	R0.1	3	14	4	50
4HRR 020 R01 160 450	2	R0.1	3	16	4	50
4HRR 020 R01 180 450	2	R0.1	3	18	4	50
4HRR 020 R01 200 450	2	R0.1	3	20	4	50
4HRR 020 R01 220 460	2	R0.1	3	22	4	60
4HRR 020 R01 250 460	2	R0.1	3	25	4	60
4HRR 020 R01 300 470	2	R0.1	3	30	4	70
4HRR 020 R01 350 470	2	R0.1	3	35	4	70
4HRR 020 R02 040 445	2	R0.2	3	4	4	45
4HRR 020 R02 060 445	2	R0.2	3	6	4	45
4HRR 020 R02 080 445	2	R0.2	3	8	4	45
4HRR 020 R02 100 445	2	R0.2	3	10	4	45
4HRR 020 R02 120 445	2	R0.2	3	12	4	45
4HRR 020 R02 140 450	2	R0.2	3	14	4	50
4HRR 020 R02 160 450	2	R0.2	3	16	4	50
4HRR 020 R02 180 450	2	R0.2	3	18	4	50
4HRR 020 R02 200 450	2	R0.2	3	20	4	50
4HRR 020 R02 220 460	2	R0.2	3	22	4	60
4HRR 020 R02 250 460	2	R0.2	3	25	4	60
4HRR 020 R02 300 470	2	R0.2	3	30	4	70
4HRR 020 R02 350 470	2	R0.2	3	35	4	70
4HRR 020 R03 040 445	2	R0.3	3	4	4	45
4HRR 020 R03 060 445	2	R0.3	3	6	4	45
4HRR 020 R03 080 445	2	R0.3	3	8	4	45
4HRR 020 R03 100 445	2	R0.3	3	10	4	45
4HRR 020 R03 120 445	2	R0.3	3	12	4	45
4HRR 020 R03 140 450	2	R0.3	3	14	4	50
4HRR 020 R03 160 450	2	R0.3	3	16	4	50
4HRR 020 R03 180 450	2	R0.3	3	18	4	50
4HRR 020 R03 200 450	2	R0.3	3	20	4	50

4날 리브 코너 래디우스 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)
4HRR 020 R03 220 460	2	R0.3	3	22	4	60
4HRR 020 R03 250 460	2	R0.3	3	25	4	60
4HRR 020 R03 300 470	2	R0.3	3	30	4	70
4HRR 020 R03 350 470	2	R0.3	3	35	4	70
4HRR 020 R05 040 445	2	R0.5	3	4	4	45
4HRR 020 R05 060 445	2	R0.5	3	6	4	45
4HRR 020 R05 080 445	2	R0.5	3	8	4	45
4HRR 020 R05 100 445	2	R0.5	3	10	4	45
4HRR 020 R05 120 445	2	R0.5	3	12	4	45
4HRR 020 R05 140 450	2	R0.5	3	14	4	50
4HRR 020 R05 160 450	2	R0.5	3	16	4	50
4HRR 020 R05 180 450	2	R0.5	3	18	4	50
4HRR 020 R05 200 450	2	R0.5	3	20	4	50
4HRR 020 R05 220 460	2	R0.5	3	22	4	60
4HRR 020 R05 250 460	2	R0.5	3	25	4	60
4HRR 020 R05 300 470	2	R0.5	3	30	4	70
4HRR 020 R05 350 470	2	R0.5	3	35	4	70
4HRR 025 R01 060 445	2.5	R0.1	3.8	6	4	45
4HRR 025 R01 080 445	2.5	R0.1	3.8	8	4	45
4HRR 025 R01 100 445	2.5	R0.1	3.8	10	4	45
4HRR 025 R01 120 445	2.5	R0.1	3.8	12	4	45
4HRR 025 R01 160 450	2.5	R0.1	3.8	16	4	50
4HRR 025 R01 200 450	2.5	R0.1	3.8	20	4	50
4HRR 025 R01 250 460	2.5	R0.1	3.8	25	4	60
4HRR 025 R01 300 470	2.5	R0.1	3.8	30	4	70
4HRR 025 R02 060 445	2.5	R0.2	3.8	6	4	45
4HRR 025 R02 080 445	2.5	R0.2	3.8	8	4	45
4HRR 025 R02 100 445	2.5	R0.2	3.8	10	4	45
4HRR 025 R02 120 445	2.5	R0.2	3.8	12	4	45
4HRR 025 R02 160 450	2.5	R0.2	3.8	16	4	50
4HRR 025 R02 200 450	2.5	R0.2	3.8	20	4	50
4HRR 025 R02 250 460	2.5	R0.2	3.8	25	4	60
4HRR 025 R02 300 470	2.5	R0.2	3.8	30	4	70
4HRR 025 R03 060 445	2.5	R0.3	3.8	6	4	45
4HRR 025 R03 080 445	2.5	R0.3	3.8	8	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)
4HRR 025 R03 100 445	2.5	R0.3	3.8	10	4	45
4HRR 025 R03 120 445	2.5	R0.3	3.8	12	4	45
4HRR 025 R03 160 450	2.5	R0.3	3.8	16	4	50
4HRR 025 R03 200 450	2.5	R0.3	3.8	20	4	50
4HRR 025 R03 250 460	2.5	R0.3	3.8	25	4	60
4HRR 025 R03 300 470	2.5	R0.3	3.8	30	4	70
4HRR 025 R05 060 445	2.5	R0.5	3.8	6	4	45
4HRR 025 R05 080 445	2.5	R0.5	3.8	8	4	45
4HRR 025 R05 100 445	2.5	R0.5	3.8	10	4	45
4HRR 025 R05 120 445	2.5	R0.5	3.8	12	4	45
4HRR 025 R05 160 450	2.5	R0.5	3.8	16	4	50
4HRR 025 R05 200 450	2.5	R0.5	3.8	20	4	50
4HRR 025 R05 250 460	2.5	R0.5	3.8	25	4	60
4HRR 025 R05 300 470	2.5	R0.5	3.8	30	4	70
4HRR 030 R01 080 650	3	R0.1	4.5	8	6	50
4HRR 030 R01 100 450	3	R0.1	4.5	10	4	50
4HRR 030 R01 100 650	3	R0.1	4.5	10	6	50
4HRR 030 R01 120 650	3	R0.1	4.5	12	6	50
4HRR 030 R01 160 660	3	R0.1	4.5	16	6	60
4HRR 030 R01 200 660	3	R0.1	4.5	20	6	60
4HRR 030 R01 250 665	3	R0.1	4.5	25	6	65
4HRR 030 R01 300 670	3	R0.1	4.5	30	6	70
4HRR 030 R01 350 680	3	R0.1	4.5	35	6	80
4HRR 030 R01 400 680	3	R0.1	4.5	40	6	80
4HRR 030 R01 500 6A0	3	R0.1	4.5	50	6	100
4HRR 030 R02 100 350	3	R0.2	4.5	10	3	50
4HRR 030 R02 100 450	3	R0.2	4.5	10	4	50
4HRR 030 R02 080 650	3	R0.2	4.5	8	6	50
4HRR 030 R02 100 650	3	R0.2	4.5	10	6	50
4HRR 030 R02 120 650	3	R0.2	4.5	12	6	50
4HRR 030 R02 160 660	3	R0.2	4.5	16	6	60
4HRR 030 R02 200 660	3	R0.2	4.5	20	6	60
4HRR 030 R02 250 665	3	R0.2	4.5	25	6	65
4HRR 030 R02 300 670	3	R0.2	4.5	30	6	70
4HRR 030 R02 350 680	3	R0.2	4.5	35	6	80

4날 리브 코너 래디우스 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)
4HRR 030 R02 400 680	3	R0.2	4.5	40	6	80
4HRR 030 R02 500 6A0	3	R0.2	4.5	50	6	100
4HRR 030 R03 080 650	3	R0.3	4.5	8	6	50
4HRR 030 R03 100 350	3	R0.3	4.5	10	3	50
4HRR 030 R03 100 450	3	R0.3	4.5	10	4	50
4HRR 030 R03 100 650	3	R0.3	4.5	10	6	50
4HRR 030 R03 120 650	3	R0.3	4.5	12	6	50
4HRR 030 R03 160 660	3	R0.3	4.5	16	6	60
4HRR 030 R03 200 660	3	R0.3	4.5	20	6	60
4HRR 030 R03 250 665	3	R0.3	4.5	25	6	65
4HRR 030 R03 300 670	3	R0.3	4.5	30	6	70
4HRR 030 R03 350 680	3	R0.3	4.5	35	6	80
4HRR 030 R03 400 680	3	R0.3	4.5	40	6	80
4HRR 030 R03 500 6A0	3	R0.3	4.5	50	6	100
4HRR 030 R05 080 650	3	R0.5	4.5	8	6	50
4HRR 030 R05 100 350	3	R0.5	4.5	10	3	50
4HRR 030 R05 100 450	3	R0.5	4.5	10	4	50
4HRR 030 R05 100 650	3	R0.5	4.5	10	6	50
4HRR 030 R05 120 650	3	R0.5	4.5	12	6	50
4HRR 030 R05 160 660	3	R0.5	4.5	16	6	60
4HRR 030 R05 200 660	3	R0.5	4.5	20	6	60
4HRR 030 R05 250 665	3	R0.5	4.5	25	6	65
4HRR 030 R05 300 670	3	R0.5	4.5	30	6	70
4HRR 030 R05 350 675	3	R0.5	4.5	35	6	75
4HRR 030 R05 400 680	3	R0.5	4.5	40	6	80
4HRR 030 R05 500 6A0	3	R0.5	4.5	50	6	100
4HRR 030 R10 080 650	3	R1.0	4.5	8	6	50
4HRR 030 R10 100 350	3	R1.0	4.5	10	3	50
4HRR 030 R10 100 450	3	R1.0	4.5	10	4	50
4HRR 030 R10 100 650	3	R1.0	4.5	10	6	50
4HRR 030 R10 120 650	3	R1.0	4.5	12	6	50
4HRR 030 R10 160 660	3	R1.0	4.5	16	6	60
4HRR 030 R10 200 660	3	R1.0	4.5	20	6	60
4HRR 030 R10 250 665	3	R1.0	4.5	25	6	65
4HRR 030 R10 300 670	3	R1.0	4.5	30	6	70

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)
4HRR 030 R10 350 680	3	R1.0	4.5	35	6	80
4HRR 030 R10 400 680	3	R1.0	4.5	40	6	80
4HRR 030 R10 500 6A0	3	R1.0	4.5	50	6	100
4HRR 040 R01 080 650	4	R0.1	6	8	6	50
4HRR 040 R01 100 650	4	R0.1	6	10	6	50
4HRR 040 R01 120 450	4	R0.1	6	12	4	50
4HRR 040 R01 120 650	4	R0.1	6	12	6	50
4HRR 040 R01 160 660	4	R0.1	6	16	6	60
4HRR 040 R01 200 660	4	R0.1	6	20	6	60
4HRR 040 R01 250 665	4	R0.1	6	25	6	65
4HRR 040 R01 300 670	4	R0.1	6	30	6	70
4HRR 040 R01 350 680	4	R0.1	6	35	6	80
4HRR 040 R01 400 680	4	R0.1	6	40	6	80
4HRR 040 R01 450 690	4	R0.1	6	45	6	90
4HRR 040 R01 500 6A0	4	R0.1	6	50	6	100
4HRR 040 R02 080 650	4	R0.2	6	8	6	50
4HRR 040 R02 100 650	4	R0.2	6	10	6	50
4HRR 040 R02 120 450	4	R0.2	6	12	4	50
4HRR 040 R02 120 650	4	R0.2	6	12	6	50
4HRR 040 R02 160 660	4	R0.2	6	16	6	60
4HRR 040 R02 200 660	4	R0.2	6	20	6	60
4HRR 040 R02 250 665	4	R0.2	6	25	6	65
4HRR 040 R02 300 670	4	R0.2	6	30	6	70
4HRR 040 R02 350 680	4	R0.2	6	35	6	80
4HRR 040 R02 400 680	4	R0.2	6	40	6	80
4HRR 040 R02 450 690	4	R0.2	6	45	6	90
4HRR 040 R02 500 6A0	4	R0.2	6	50	6	100
4HRR 040 R03 080 650	4	R0.3	6	8	6	50
4HRR 040 R03 100 650	4	R0.3	6	10	6	50
4HRR 040 R03 120 450	4	R0.3	6	12	4	50
4HRR 040 R03 120 650	4	R0.3	6	12	6	50
4HRR 040 R03 160 660	4	R0.3	6	16	6	60
4HRR 040 R03 200 660	4	R0.3	6	20	6	60
4HRR 040 R03 250 665	4	R0.3	6	25	6	65
4HRR 040 R03 300 670	4	R0.3	6	30	6	70

4날 리브 코너 래디우스 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)
4HRR 040 R03 350 680	4	R0.3	6	35	6	80
4HRR 040 R03 400 680	4	R0.3	6	40	6	80
4HRR 040 R03 450 690	4	R0.3	6	45	6	90
4HRR 040 R03 500 6A0	4	R0.3	6	50	6	100
4HRR 040 R05 080 650	4	R0.5	6	8	6	50
4HRR 040 R05 100 650	4	R0.5	6	10	6	50
4HRR 040 R05 120 450	4	R0.5	6	12	4	50
4HRR 040 R05 120 650	4	R0.5	6	12	6	50
4HRR 040 R05 160 450	4	R0.5	6	16	4	50
4HRR 040 R05 160 4A0	4	R0.5	6	16	4	100
4HRR 040 R05 160 660	4	R0.5	6	16	6	60
4HRR 040 R05 200 660	4	R0.5	6	20	6	60
4HRR 040 R05 250 665	4	R0.5	6	25	6	65
4HRR 040 R05 300 670	4	R0.5	6	30	6	70
4HRR 040 R05 350 680	4	R0.5	6	35	6	80
4HRR 040 R05 400 680	4	R0.5	6	40	6	80
4HRR 040 R05 450 690	4	R0.5	6	45	6	90
4HRR 040 R05 500 6A0	4	R0.5	6	50	6	100
4HRR 040 R10 080 650	4	R1.0	6	8	6	50
4HRR 040 R10 100 650	4	R1.0	6	10	6	50
4HRR 040 R10 120 450	4	R1.0	6	12	4	50
4HRR 040 R10 120 650	4	R1.0	6	12	6	50
4HRR 040 R10 160 450	4	R1.0	6	16	4	50
4HRR 040 R10 160 660	4	R1.0	6	16	6	60
4HRR 040 R10 200 660	4	R1.0	6	20	6	60
4HRR 040 R10 250 665	4	R1.0	6	25	6	65
4HRR 040 R10 300 670	4	R1.0	6	30	6	70
4HRR 040 R10 350 680	4	R1.0	6	35	6	80
4HRR 040 R10 400 680	4	R1.0	6	40	6	80
4HRR 040 R10 450 690	4	R1.0	6	45	6	90
4HRR 040 R10 500 6A0	4	R1.0	6	50	6	100
4HRR 050 R01 180 660	5	R0.1	7.5	18	6	60
4HRR 050 R01 300 670	5	R0.1	7.5	30	6	70
4HRR 050 R01 400 680	5	R0.1	7.5	40	6	80
4HRR 050 R01 500 6A0	5	R0.1	7.5	50	6	100

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)
4HRR 050 R02 180 660	5	R0.2	7.5	18	6	60
4HRR 050 R02 300 670	5	R0.2	7.5	30	6	70
4HRR 050 R02 400 680	5	R0.2	7.5	40	6	80
4HRR 050 R02 500 6A0	5	R0.2	7.5	50	6	100
4HRR 050 R03 180 660	5	R0.3	7.5	18	6	60
4HRR 050 R03 300 670	5	R0.3	7.5	30	6	70
4HRR 050 R03 400 680	5	R0.3	7.5	40	6	80
4HRR 050 R03 500 6A0	5	R0.3	7.5	50	6	100
4HRR 050 R05 180 660	5	R0.5	7.5	18	6	60
4HRR 050 R05 300 670	5	R0.5	7.5	30	6	70
4HRR 050 R05 400 680	5	R0.5	7.5	40	6	80
4HRR 050 R05 500 6A0	5	R0.5	7.5	50	6	100
4HRR 050 R10 180 660	5	R1.0	7.5	18	6	60
4HRR 050 R10 300 670	5	R1.0	7.5	30	6	70
4HRR 050 R10 400 680	5	R1.0	7.5	40	6	80
4HRR 050 R10 500 6A0	5	R1.0	7.5	50	6	100
4HRR 060 R01 200 660	6	R0.1	9	20	6	60
4HRR 060 R01 400 690	6	R0.1	9	40	6	90
4HRR 060 R01 500 6A0	6	R0.1	9	50	6	100
4HRR 060 R02 200 660	6	R0.2	9	20	6	60
4HRR 060 R02 200 675	6	R0.2	9	20	6	75
4HRR 060 R02 200 6A0	6	R0.2	9	20	6	100
4HRR 060 R02 300 680	6	R0.2	9	30	6	80
4HRR 060 R02 400 690	6	R0.2	9	40	6	90
4HRR 060 R02 500 6A0	6	R0.2	9	50	6	100
4HRR 060 R03 200 660	6	R0.3	9	20	6	60
4HRR 060 R03 200 675	6	R0.3	9	20	6	75
4HRR 060 R03 200 6A0	6	R0.3	9	20	6	100
4HRR 060 R03 300 680	6	R0.3	9	30	6	80
4HRR 060 R03 400 690	6	R0.3	9	40	6	90
4HRR 060 R03 500 6A0	6	R0.3	9	50	6	100
4HRR 060 R05 200 660	6	R0.5	9	20	6	60
4HRR 060 R05 200 675	6	R0.5	9	20	6	75
4HRR 060 R05 200 6A0	6	R0.5	9	20	6	100
4HRR 060 R05 300 680	6	R0.5	9	30	6	80

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)
4HRR 060 R05 400 690	6	R0.5	9	40	6	90
4HRR 060 R05 500 6A0	6	R0.5	9	50	6	100
4HRR 060 R10 200 660	6	R1.0	9	20	6	60
4HRR 060 R10 200 675	6	R1.0	9	20	6	75
4HRR 060 R10 200 6A0	6	R1.0	9	20	6	100
4HRR 060 R10 300 680	6	R1.0	9	30	6	80
4HRR 060 R10 400 690	6	R1.0	9	40	6	90
4HRR 060 R10 500 6A0	6	R1.0	9	50	6	100
4HRR 060 R15 200 660	6	R1.5	9	20	6	60
4HRR 060 R15 200 675	6	R1.5	9	20	6	75
4HRR 060 R15 200 6A0	6	R1.5	9	20	6	100
4HRR 060 R15 300 680	6	R1.5	9	30	6	80
4HRR 060 R15 400 690	6	R1.5	9	40	6	90
4HRR 060 R15 500 6A0	6	R1.5	9	50	6	100
4HRR 060 R20 200 660	6	R2.0	9	20	6	60
4HRR 060 R20 200 675	6	R2.0	9	20	6	75
4HRR 060 R20 200 6A0	6	R2.0	9	20	6	100
4HRR 060 R20 400 690	6	R2.0	9	40	6	90
4HRR 080 R01 240 865	8	R0.1	12	24	8	65
4HRR 080 R02 240 865	8	R0.2	12	24	8	65
4HRR 080 R02 240 875	8	R0.2	12	24	8	75
4HRR 080 R02 240 8A0	8	R0.2	12	24	8	100
4HRR 080 R03 240 865	8	R0.3	12	24	8	65
4HRR 080 R03 240 875	8	R0.3	12	24	8	75
4HRR 080 R03 240 8A0	8	R0.3	12	24	8	100
4HRR 080 R05 240 865	8	R0.5	12	24	8	65
4HRR 080 R05 240 875	8	R0.5	12	24	8	75
4HRR 080 R05 240 8A0	8	R0.5	12	24	8	100
4HRR 080 R05 300 890	8	R0.5	12	30	8	90
4HRR 080 R05 400 8A0	8	R0.5	12	40	8	100
4HRR 080 R10 240 865	8	R1.0	12	24	8	65
4HRR 080 R10 240 875	8	R1.0	12	24	8	75
4HRR 080 R10 240 8A0	8	R1.0	12	24	8	100
4HRR 080 R10 300 890	8	R1.0	12	30	8	90
4HRR 080 R10 400 8A0	8	R1.0	12	40	8	100

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)
4HRR 080 R15 240 865	8	R1.5	12	24	8	65
4HRR 080 R15 240 875	8	R1.5	12	24	8	75
4HRR 080 R15 240 8A0	8	R1.5	12	24	8	100
4HRR 080 R15 400 8A0	8	R1.5	12	40	8	100
4HRR 080 R20 240 865	8	R2.0	12	24	8	65
4HRR 080 R20 240 875	8	R2.0	12	24	8	75
4HRR 080 R20 300 890	8	R2.0	12	30	8	90
4HRR 100 R02 300 A70	10	R0.2	15	30	10	70
4HRR 100 R02 300 A75	10	R0.2	15	30	10	75
4HRR 100 R02 300 AA0	10	R0.2	15	30	10	100
4HRR 100 R03 300 A70	10	R0.3	15	30	10	70
4HRR 100 R03 300 A75	10	R0.3	15	30	10	75
4HRR 100 R03 300 AA0	10	R0.3	15	30	10	100
4HRR 100 R05 300 A70	10	R0.5	15	30	10	70
4HRR 100 R05 300 A75	10	R0.5	15	30	10	75
4HRR 100 R05 300 AA0	10	R0.5	15	30	10	100
4HRR 100 R05 400 AA0	10	R0.5	15	40	10	100
4HRR 100 R10 300 A70	10	R1.0	15	30	10	70
4HRR 100 R10 300 A75	10	R1.0	15	30	10	75
4HRR 100 R10 300 AA0	10	R1.0	15	30	10	100
4HRR 100 R10 300 AF0	10	R1.0	15	30	10	150
4HRR 100 R10 400 AA0	10	R1.0	15	40	10	100
4HRR 100 R15 300 A70	10	R1.5	15	30	10	70
4HRR 100 R15 300 A75	10	R1.5	15	30	10	75
4HRR 100 R15 300 AA0	10	R1.5	15	30	10	100
4HRR 100 R15 400 AA0	10	R1.5	15	40	10	100
4HRR 100 R20 300 A70	10	R2.0	15	30	10	70
4HRR 100 R20 300 A75	10	R2.0	15	30	10	75
4HRR 100 R20 300 AA0	10	R2.0	15	30	10	100
4HRR 100 R20 400 AA0	10	R2.0	15	40	10	100
4HRR 100 R25 300 A70	10	R2.5	15	30	10	70
4HRR 120 R03 300 C80	12	R0.3	18	30	12	80
4HRR 120 R03 300 CB0	12	R0.3	18	30	12	110
4HRR 120 R05 300 C80	12	R0.5	18	30	12	80
4HRR 120 R05 300 CB0	12	R0.5	18	30	12	110

4날 리브 코너 래디우스 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)
4HRR 120 R05 300 CF0	12	R0.5	18	30	12	150
4HRR 120 R05 400 CBO	12	R0.5	18	40	12	110
4HRR 120 R10 300 C80	12	R1.0	18	30	12	80
4HRR 120 R10 300 CBO	12	R1.0	18	30	12	110
4HRR 120 R10 300 CF0	12	R1.0	18	30	12	150
4HRR 120 R10 400 CBO	12	R1.0	18	40	12	110
4HRR 120 R15 300 C80	12	R1.5	18	30	12	80
4HRR 120 R15 300 CBO	12	R1.5	18	30	12	110
4HRR 120 R15 400 CBO	12	R1.5	18	40	12	110
4HRR 120 R20 300 C80	12	R2.0	18	30	12	80
4HRR 120 R20 300 CBO	12	R2.0	18	30	12	110
4HRR 120 R20 300 CF0	12	R2.0	18	30	12	150
4HRR 120 R20 400 CBO	12	R2.0	18	40	12	110
4HRR 120 R30 300 C80	12	R3.0	18	30	12	80
4HRR 120 R30 300 CBO	12	R3.0	18	30	12	110