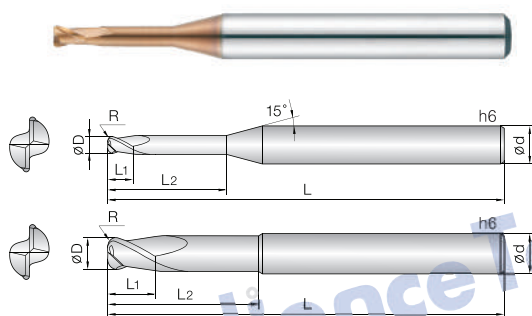


2 Flutes Wide Cut Rib Corner Radius End Mills



2WRR

- Endmills for various work materials (HRC 50~62) **Pre-hardened steels and Hardened steels.**
- Good wear resistance by Si-based W coating.
- High-Precise edge tolerance.
- Designed for minimizing edge chipping by corner R shape.
- Various corner R and flute length for wide range application.
- Good surface finish.
- Outstanding performance at high speed machining by ultra fine (0.2µm) grade.



Unit(mm)

Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 005 0002 010 445	0.5	R0.02	0.5	1	45	4
2WRR 005 0002 015 445	0.5	R0.02	0.5	1.5	45	4
2WRR 005 0002 020 445	0.5	R0.02	0.5	2	45	4
2WRR 005 0002 025 445	0.5	R0.02	0.5	2.5	45	4
2WRR 005 0002 030 445	0.5	R0.02	0.5	3	45	4
2WRR 005 0002 040 445	0.5	R0.02	0.5	4	45	4
2WRR 005 0002 050 445	0.5	R0.02	0.5	5	45	4
2WRR 005 0002 060 445	0.5	R0.02	0.5	6	45	4
2WRR 005 0002 080 445	0.5	R0.02	0.5	8	45	4
2WRR 005 0002 100 450	0.5	R0.02	0.5	10	50	4
2WRR 005 0005 010 445	0.5	R0.05	0.5	1	45	4
2WRR 005 0005 015 445	0.5	R0.05	0.5	1.5	45	4
2WRR 005 0005 020 445	0.5	R0.05	0.5	2	45	4
2WRR 005 0005 025 445	0.5	R0.05	0.5	2.5	45	4
2WRR 005 0005 030 445	0.5	R0.05	0.5	3	45	4
2WRR 005 0005 040 445	0.5	R0.05	0.5	4	45	4
2WRR 005 0005 050 445	0.5	R0.05	0.5	5	45	4
2WRR 005 0005 060 445	0.5	R0.05	0.5	6	45	4
2WRR 005 0005 080 445	0.5	R0.05	0.5	8	45	4
2WRR 005 0005 100 450	0.5	R0.05	0.5	10	50	4
2WRR 005 0005 120 450	0.5	R0.05	0.5	12	50	4
2WRR 005 001 010 445	0.5	R0.1	0.5	1	45	4
2WRR 005 001 015 445	0.5	R0.1	0.5	1.5	45	4
2WRR 005 001 020 445	0.5	R0.1	0.5	2	45	4
2WRR 005 001 025 445	0.5	R0.1	0.5	2.5	45	4
2WRR 005 001 030 445	0.5	R0.1	0.5	3	45	4

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 005 001 040 445	0.5	R0.1	0.5	4	45	4
	2WRR 005 001 050 445	0.5	R0.1	0.5	5	45	4
WIDE-CUT	2WRR 005 001 060 445	0.5	R0.1	0.5	6	45	4
	2WRR 005 001 080 445	0.5	R0.1	0.5	8	45	4
HARD-CUT	2WRR 005 001 100 450	0.5	R0.1	0.5	10	50	4
	2WRR 005 001 120 450	0.5	R0.1	0.5	12	50	4
ALU-CUT	2WRR 006 0002 020 445	0.6	R0.02	0.6	2	45	4
	2WRR 006 0002 030 445	0.6	R0.02	0.6	3	45	4
D-CUT	2WRR 006 0002 040 445	0.6	R0.02	0.6	4	45	4
	2WRR 006 0002 060 445	0.6	R0.02	0.6	6	45	4
SUS CUT	2WRR 006 0002 080 445	0.6	R0.02	0.6	8	45	4
	2WRR 006 0002 100 450	0.6	R0.02	0.6	10	50	4
MAGIC DRILLS	2WRR 006 0005 020 445	0.6	R0.05	0.6	2	45	4
	2WRR 006 0005 030 445	0.6	R0.05	0.6	3	45	4
	2WRR 006 0005 040 445	0.6	R0.05	0.6	4	45	4
	2WRR 006 0005 060 445	0.6	R0.05	0.6	6	45	4
	2WRR 006 0005 080 445	0.6	R0.05	0.6	8	45	4
	2WRR 006 0005 100 450	0.6	R0.05	0.6	10	50	4
	2WRR 006 0005 120 450	0.6	R0.05	0.6	12	50	4
	2WRR 006 001 020 445	0.6	R0.1	0.6	2	45	4
	2WRR 006 001 030 445	0.6	R0.1	0.6	3	45	4
	2WRR 006 001 040 445	0.6	R0.1	0.6	4	45	4
	2WRR 006 001 060 445	0.6	R0.1	0.6	6	45	4
	2WRR 006 001 080 445	0.6	R0.1	0.6	8	45	4
	2WRR 006 001 100 450	0.6	R0.1	0.6	10	50	4
	2WRR 006 001 120 450	0.6	R0.1	0.6	12	50	4
	2WRR 007 001 020 445	0.7	R0.1	0.7	2	45	4
	2WRR 007 001 040 445	0.7	R0.1	0.7	4	45	4
	2WRR 007 001 060 445	0.7	R0.1	0.7	6	45	4
	2WRR 007 001 080 445	0.7	R0.1	0.7	8	45	4
	2WRR 007 001 100 445	0.7	R0.1	0.7	10	45	4
	2WRR 008 0002 020 445	0.8	R0.02	0.8	2	45	4
	2WRR 008 0002 040 445	0.8	R0.02	0.8	4	45	4
	2WRR 008 0002 060 445	0.8	R0.02	0.8	6	45	4
	2WRR 008 0002 080 445	0.8	R0.02	0.8	8	45	4
	2WRR 008 0002 100 450	0.8	R0.02	0.8	10	50	4
	2WRR 008 0005 020 445	0.8	R0.05	0.8	2	45	4

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 008 0005 040 445	0.8	R0.05	0.8	4	45	4
2WRR 008 0005 060 445	0.8	R0.05	0.8	6	45	4
2WRR 008 0005 080 445	0.8	R0.05	0.8	8	45	4
2WRR 008 0005 100 450	0.8	R0.05	0.8	10	50	4
2WRR 008 0005 120 450	0.8	R0.05	0.8	12	50	4
2WRR 008 001 020 445	0.8	R0.1	0.8	2	45	4
2WRR 008 001 040 445	0.8	R0.1	0.8	4	45	4
2WRR 008 001 060 445	0.8	R0.1	0.8	6	45	4
2WRR 008 001 080 445	0.8	R0.1	0.8	8	45	4
2WRR 008 001 100 450	0.8	R0.1	0.8	10	50	4
2WRR 008 001 120 450	0.8	R0.1	0.8	12	50	4
2WRR 008 001 140 450	0.8	R0.1	0.8	14	50	4
2WRR 008 002 020 445	0.8	R0.2	0.8	2	45	4
2WRR 008 002 040 445	0.8	R0.2	0.8	4	45	4
2WRR 008 002 060 445	0.8	R0.2	0.8	6	45	4
2WRR 008 002 080 445	0.8	R0.2	0.8	8	45	4
2WRR 008 002 100 450	0.8	R0.2	0.8	10	50	4
2WRR 008 002 120 450	0.8	R0.2	0.8	12	50	4
2WRR 008 002 140 450	0.8	R0.2	0.8	14	50	4
2WRR 010 0005 040 445	1	R0.05	1	4	45	4
2WRR 010 0005 060 445	1	R0.05	1	6	45	4
2WRR 010 0005 080 445	1	R0.05	1	8	45	4
2WRR 010 0005 100 450	1	R0.05	1	10	50	4
2WRR 010 0005 120 450	1	R0.05	1	12	50	4
2WRR 010 0005 140 450	1	R0.05	1	14	50	4
2WRR 010 0005 160 450	1	R0.05	1	16	50	4
2WRR 010 0005 200 450	1	R0.05	1	20	50	4
2WRR 010 0005 220 460	1	R0.05	1	22	60	4
2WRR 010 0005 250 460	1	R0.05	1	25	60	4
2WRR 010 001 040 445	1	R0.1	1	4	45	4
2WRR 010 001 060 445	1	R0.1	1	6	45	4
2WRR 010 001 080 445	1	R0.1	1	8	45	4
2WRR 010 001 100 450	1	R0.1	1	10	50	4
2WRR 010 001 120 450	1	R0.1	1	12	50	4
2WRR 010 001 140 450	1	R0.1	1	14	50	4
2WRR 010 001 160 450	1	R0.1	1	16	50	4
2WRR 010 001 200 450	1	R0.1	1	20	50	4

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 010 001 220 460	1	R0.1	1	22	60	4
	2WRR 010 001 250 460	1	R0.1	1	25	60	4
WIDE-CUT	2WRR 010 002 040 445	1	R0.2	1	4	45	4
	2WRR 010 002 060 445	1	R0.2	1	6	45	4
HARD-CUT	2WRR 010 002 080 445	1	R0.2	1	8	45	4
	2WRR 010 002 100 450	1	R0.2	1	10	50	4
ALU-CUT	2WRR 010 002 120 450	1	R0.2	1	12	50	4
	2WRR 010 002 140 450	1	R0.2	1	14	50	4
D-CUT	2WRR 010 002 160 450	1	R0.2	1	16	50	4
	2WRR 010 002 200 450	1	R0.2	1	20	50	4
SUS CUT	2WRR 010 002 220 460	1	R0.2	1	22	60	4
	2WRR 010 002 250 460	1	R0.2	1	25	60	4
MAGIC DRILLS	2WRR 010 003 040 445	1	R0.3	1	4	45	4
	2WRR 010 003 060 445	1	R0.3	1	6	45	4
	2WRR 010 003 080 445	1	R0.3	1	8	45	4
	2WRR 010 003 100 450	1	R0.3	1	10	50	4
	2WRR 010 003 120 450	1	R0.3	1	12	50	4
	2WRR 010 003 140 450	1	R0.3	1	14	50	4
	2WRR 010 003 160 450	1	R0.3	1	16	50	4
	2WRR 010 003 200 450	1	R0.3	1	20	50	4
	2WRR 010 003 220 460	1	R0.3	1	22	60	4
	2WRR 010 003 250 460	1	R0.3	1	25	60	4
	2WRR 012 001 040 445	1.2	R0.1	1.2	4	45	4
	2WRR 012 001 060 445	1.2	R0.1	1.2	6	45	4
	2WRR 012 001 080 445	1.2	R0.1	1.2	8	45	4
	2WRR 012 001 100 450	1.2	R0.1	1.2	10	50	4
	2WRR 012 001 120 450	1.2	R0.1	1.2	12	50	4
	2WRR 012 001 140 450	1.2	R0.1	1.2	14	50	4
	2WRR 012 001 160 450	1.2	R0.1	1.2	16	50	4
	2WRR 012 001 200 450	1.2	R0.1	1.2	20	50	4
	2WRR 012 002 040 445	1.2	R0.2	1.2	4	45	4
	2WRR 012 002 060 445	1.2	R0.2	1.2	6	45	4
	2WRR 012 002 080 445	1.2	R0.2	1.2	8	45	4
	2WRR 012 002 100 450	1.2	R0.2	1.2	10	50	4
	2WRR 012 002 120 450	1.2	R0.2	1.2	12	50	4
	2WRR 012 002 140 450	1.2	R0.2	1.2	14	50	4
	2WRR 012 002 160 450	1.2	R0.2	1.2	16	50	4

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 012 002 200 450	1.2	R0.2	1.2	20	50	4
2WRR 012 003 040 445	1.2	R0.3	1.2	4	45	4
2WRR 012 003 060 445	1.2	R0.3	1.2	6	45	4
2WRR 012 003 080 445	1.2	R0.3	1.2	8	45	4
2WRR 012 003 100 450	1.2	R0.3	1.2	10	50	4
2WRR 012 003 120 450	1.2	R0.3	1.2	12	50	4
2WRR 012 003 140 450	1.2	R0.3	1.2	14	50	4
2WRR 012 003 160 450	1.2	R0.3	1.2	16	50	4
2WRR 012 003 200 450	1.2	R0.3	1.2	20	50	4
2WRR 015 001 040 445	1.5	R0.1	1.5	4	45	4
2WRR 015 001 060 445	1.5	R0.1	1.5	6	45	4
2WRR 015 001 080 445	1.5	R0.1	1.5	8	45	4
2WRR 015 001 100 450	1.5	R0.1	1.5	10	50	4
2WRR 015 001 120 450	1.5	R0.1	1.5	12	50	4
2WRR 015 001 140 450	1.5	R0.1	1.5	14	50	4
2WRR 015 001 160 450	1.5	R0.1	1.5	16	50	4
2WRR 015 001 200 450	1.5	R0.1	1.5	20	50	4
2WRR 015 001 220 460	1.5	R0.1	1.5	22	60	4
2WRR 015 001 250 460	1.5	R0.1	1.5	25	60	4
2WRR 015 002 040 445	1.5	R0.2	1.5	4	45	4
2WRR 015 002 060 445	1.5	R0.2	1.5	6	45	4
2WRR 015 002 080 445	1.5	R0.2	1.5	8	45	4
2WRR 015 002 100 450	1.5	R0.2	1.5	10	50	4
2WRR 015 002 120 450	1.5	R0.2	1.5	12	50	4
2WRR 015 002 140 450	1.5	R0.2	1.5	14	50	4
2WRR 015 002 160 450	1.5	R0.2	1.5	16	50	4
2WRR 015 002 200 450	1.5	R0.2	1.5	20	50	4
2WRR 015 002 220 460	1.5	R0.2	1.5	22	60	4
2WRR 015 002 250 460	1.5	R0.2	1.5	25	60	4
2WRR 015 003 040 445	1.5	R0.3	1.5	4	45	4
2WRR 015 003 060 445	1.5	R0.3	1.5	6	45	4
2WRR 015 003 080 445	1.5	R0.3	1.5	8	45	4
2WRR 015 003 100 450	1.5	R0.3	1.5	10	50	4
2WRR 015 003 120 450	1.5	R0.3	1.5	12	50	4
2WRR 015 003 140 450	1.5	R0.3	1.5	14	50	4
2WRR 015 003 160 450	1.5	R0.3	1.5	16	50	4
2WRR 015 003 200 450	1.5	R0.3	1.5	20	50	4

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 015 003 220 460	1.5	R0.3	1.5	22	60	4
	2WRR 015 003 250 460	1.5	R0.3	1.5	25	60	4
WIDE-CUT	2WRR 015 005 040 445	1.5	R0.5	1.5	4	45	4
	2WRR 015 005 060 445	1.5	R0.5	1.5	6	45	4
HARD-CUT	2WRR 015 005 080 445	1.5	R0.5	1.5	8	45	4
	2WRR 015 005 100 450	1.5	R0.5	1.5	10	50	4
ALU-CUT	2WRR 015 005 120 450	1.5	R0.5	1.5	12	50	4
	2WRR 015 005 140 450	1.5	R0.5	1.5	14	50	4
D-CUT	2WRR 015 005 160 450	1.5	R0.5	1.5	16	50	4
	2WRR 015 005 200 450	1.5	R0.5	1.5	20	50	4
SUS CUT	2WRR 015 005 220 460	1.5	R0.5	1.5	22	60	4
	2WRR 015 005 250 460	1.5	R0.5	1.5	25	60	4
MAGIC DRILLS	2WRR 020 001 060 445	2	R0.1	2	6	45	4
	2WRR 020 001 080 445	2	R0.1	2	8	45	4
	2WRR 020 001 100 450	2	R0.1	2	10	50	4
	2WRR 020 001 120 450	2	R0.1	2	12	50	4
	2WRR 020 001 140 450	2	R0.1	2	14	50	4
	2WRR 020 001 160 450	2	R0.1	2	16	50	4
	2WRR 020 001 200 450	2	R0.1	2	20	50	4
	2WRR 020 001 250 460	2	R0.1	2	25	60	4
	2WRR 020 001 300 475	2	R0.1	2	30	75	4
	2WRR 020 001 350 475	2	R0.1	2	35	75	4
	2WRR 020 001 400 475	2	R0.1	2	40	75	4
	2WRR 020 002 060 445	2	R0.2	2	6	45	4
	2WRR 020 002 080 445	2	R0.2	2	8	45	4
	2WRR 020 002 100 450	2	R0.2	2	10	50	4
	2WRR 020 002 120 450	2	R0.2	2	12	50	4
	2WRR 020 002 140 450	2	R0.2	2	14	50	4
	2WRR 020 002 160 450	2	R0.2	2	16	50	4
	2WRR 020 002 200 450	2	R0.2	2	20	50	4
	2WRR 020 002 250 460	2	R0.2	2	25	60	4
	2WRR 020 002 300 475	2	R0.2	2	30	75	4
	2WRR 020 003 060 445	2	R0.3	2	6	45	4
	2WRR 020 003 080 445	2	R0.3	2	8	45	4
	2WRR 020 003 100 450	2	R0.3	2	10	50	4
	2WRR 020 003 120 450	2	R0.3	2	12	50	4
	2WRR 020 003 140 450	2	R0.3	2	14	50	4

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 020 003 160 450	2	R0.3	2	16	50	4
2WRR 020 003 200 450	2	R0.3	2	20	50	4
2WRR 020 003 250 460	2	R0.3	2	25	60	4
2WRR 020 003 300 475	2	R0.3	2	30	75	4
2WRR 020 005 060 445	2	R0.5	2	6	45	4
2WRR 020 005 080 445	2	R0.5	2	8	45	4
2WRR 020 005 100 450	2	R0.5	2	10	50	4
2WRR 020 005 120 450	2	R0.5	2	12	50	4
2WRR 020 005 140 450	2	R0.5	2	14	50	4
2WRR 020 005 160 450	2	R0.5	2	16	50	4
2WRR 020 005 200 450	2	R0.5	2	20	50	4
2WRR 020 005 250 460	2	R0.5	2	25	60	4
2WRR 020 005 300 475	2	R0.5	2	30	75	4
2WRR 020 005 350 475	2	R0.5	2	35	75	4
2WRR 020 005 400 475	2	R0.5	2	40	75	4
2WRR 025 001 100 450	2.5	R0.1	2.5	10	50	4
2WRR 025 001 160 450	2.5	R0.1	2.5	16	50	4
2WRR 025 001 200 450	2.5	R0.1	2.5	20	50	4
2WRR 025 001 250 460	2.5	R0.1	2.5	25	60	4
2WRR 025 001 300 475	2.5	R0.1	2.5	30	75	4
2WRR 025 002 100 450	2.5	R0.2	2.5	10	50	4
2WRR 025 002 160 450	2.5	R0.2	2.5	16	50	4
2WRR 025 002 200 450	2.5	R0.2	2.5	20	50	4
2WRR 025 002 250 460	2.5	R0.2	2.5	25	60	4
2WRR 025 002 300 475	2.5	R0.2	2.5	30	75	4
2WRR 025 003 100 450	2.5	R0.3	2.5	10	50	4
2WRR 025 003 160 450	2.5	R0.3	2.5	16	50	4
2WRR 025 003 200 450	2.5	R0.3	2.5	20	50	4
2WRR 025 003 250 460	2.5	R0.3	2.5	25	60	4
2WRR 025 003 300 475	2.5	R0.3	2.5	30	75	4
2WRR 025 005 100 450	2.5	R0.5	2.5	10	50	4
2WRR 025 005 160 450	2.5	R0.5	2.5	16	50	4
2WRR 025 005 200 450	2.5	R0.5	2.5	20	50	4
2WRR 025 005 250 460	2.5	R0.5	2.5	25	60	4
2WRR 025 005 300 475	2.5	R0.5	2.5	30	75	4
2WRR 030 001 100 650	3	R0.1	3	10	50	6
2WRR 030 001 120 650	3	R0.1	3	12	50	6

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

2 Flutes Wide Cut Rib Corner Radius End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 030 001 160 650	3	R0.1	3	16	50	6
	2WRR 030 001 200 660	3	R0.1	3	20	60	6
WIDE-CUT	2WRR 030 001 250 660	3	R0.1	3	25	60	6
	2WRR 030 001 300 675	3	R0.1	3	30	75	6
HARD-CUT	2WRR 030 001 350 675	3	R0.1	3	35	75	6
	2WRR 030 001 400 675	3	R0.1	3	40	75	6
ALU-CUT	2WRR 030 002 100 650	3	R0.2	3	10	50	6
	2WRR 030 002 120 650	3	R0.2	3	12	50	6
D-CUT	2WRR 030 002 160 650	3	R0.2	3	16	50	6
	2WRR 030 002 200 660	3	R0.2	3	20	60	6
SUS CUT	2WRR 030 002 250 660	3	R0.2	3	25	60	6
	2WRR 030 002 300 675	3	R0.2	3	30	75	6
MAGIC DRILLS	2WRR 030 002 350 675	3	R0.2	3	35	75	6
	2WRR 030 002 400 675	3	R0.2	3	40	75	6
	2WRR 030 002 450 6A0	3	R0.2	3	45	100	6
	2WRR 030 002 500 6A0	3	R0.2	3	50	100	6
	2WRR 030 003 100 650	3	R0.3	3	10	50	6
	2WRR 030 003 120 650	3	R0.3	3	12	50	6
	2WRR 030 003 160 650	3	R0.3	3	16	50	6
	2WRR 030 003 200 660	3	R0.3	3	20	60	6
	2WRR 030 003 250 660	3	R0.3	3	25	60	6
	2WRR 030 003 300 675	3	R0.3	3	30	75	6
	2WRR 030 003 350 675	3	R0.3	3	35	75	6
	2WRR 030 003 400 675	3	R0.3	3	40	75	6
	2WRR 030 005 100 650	3	R0.5	3	10	50	6
	2WRR 030 005 120 650	3	R0.5	3	12	50	6
	2WRR 030 005 160 650	3	R0.5	3	16	50	6
	2WRR 030 005 200 660	3	R0.5	3	20	60	6
	2WRR 030 005 250 660	3	R0.5	3	25	60	6
	2WRR 030 005 300 675	3	R0.5	3	30	75	6
	2WRR 030 005 350 675	3	R0.5	3	35	75	6
	2WRR 030 005 400 675	3	R0.5	3	40	75	6
	2WRR 030 005 450 6A0	3	R0.5	3	45	100	6
	2WRR 030 005 500 6A0	3	R0.5	3	50	100	6
	2WRR 030 010 100 650	3	R1	3	10	50	6
	2WRR 030 010 120 650	3	R1	3	12	50	6
	2WRR 030 010 160 650	3	R1	3	16	50	6

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Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 030 010 200 660	3	R1	3	20	60	6
2WRR 030 010 250 660	3	R1	3	25	60	6
2WRR 030 010 300 675	3	R1	3	30	75	6
2WRR 030 010 350 675	3	R1	3	35	75	6
2WRR 030 010 400 675	3	R1	3	40	75	6
2WRR 040 001 120 450	4	R0.1	4	12	50	4
2WRR 040 001 200 475	4	R0.1	4	20	75	4
2WRR 040 001 120 650	4	R0.1	4	12	50	6
2WRR 040 001 160 650	4	R0.1	4	16	50	6
2WRR 040 001 200 660	4	R0.1	4	20	60	6
2WRR 040 001 250 660	4	R0.1	4	25	60	6
2WRR 040 001 300 675	4	R0.1	4	30	75	6
2WRR 040 001 350 675	4	R0.1	4	35	75	6
2WRR 040 001 400 675	4	R0.1	4	40	75	6
2WRR 040 001 450 6A0	4	R0.1	4	45	100	6
2WRR 040 001 500 6A0	4	R0.1	4	50	100	6
2WRR 040 002 120 450	4	R0.2	4	12	50	4
2WRR 040 002 200 475	4	R0.2	4	20	75	4
2WRR 040 002 120 650	4	R0.2	4	12	50	6
2WRR 040 002 160 650	4	R0.2	4	16	50	6
2WRR 040 002 200 660	4	R0.2	4	20	60	6
2WRR 040 002 250 660	4	R0.2	4	25	60	6
2WRR 040 002 300 675	4	R0.2	4	30	75	6
2WRR 040 002 350 675	4	R0.2	4	35	75	6
2WRR 040 002 400 675	4	R0.2	4	40	75	6
2WRR 040 002 450 6A0	4	R0.2	4	45	100	6
2WRR 040 002 500 6A0	4	R0.2	4	50	100	6
2WRR 040 003 120 450	4	R0.3	4	12	50	4
2WRR 040 003 200 475	4	R0.3	4	20	75	4
2WRR 040 003 120 650	4	R0.3	4	12	50	6
2WRR 040 003 160 650	4	R0.3	4	16	50	6
2WRR 040 003 200 660	4	R0.3	4	20	60	6
2WRR 040 003 250 660	4	R0.3	4	25	60	6
2WRR 040 003 300 675	4	R0.3	4	30	75	6
2WRR 040 003 350 675	4	R0.3	4	35	75	6
2WRR 040 003 400 675	4	R0.3	4	40	75	6
2WRR 040 003 450 6A0	4	R0.3	4	45	100	6

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

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Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 040 003 500 6A0	4	R0.3	4	50	100	6
	2WRR 040 005 120 450	4	R0.5	4	12	50	4
WIDE-CUT	2WRR 040 005 200 475	4	R0.5	4	20	75	4
	2WRR 040 005 120 650	4	R0.5	4	12	50	6
HARD-CUT	2WRR 040 005 160 650	4	R0.5	4	16	50	6
	2WRR 040 005 200 660	4	R0.5	4	20	60	6
ALU-CUT	2WRR 040 005 250 660	4	R0.5	4	25	60	6
	2WRR 040 005 300 675	4	R0.5	4	30	75	6
D-CUT	2WRR 040 005 350 675	4	R0.5	4	35	75	6
	2WRR 040 005 400 675	4	R0.5	4	40	75	6
SUS CUT	2WRR 040 005 450 6A0	4	R0.5	4	45	100	6
	2WRR 040 005 500 6A0	4	R0.5	4	50	100	6
MAGIC DRILLS	2WRR 040 010 120 450	4	R1	4	12	50	4
	2WRR 040 010 200 475	4	R1	4	20	75	4
	2WRR 040 010 120 650	4	R1	4	12	50	6
	2WRR 040 010 160 650	4	R1	4	16	50	6
	2WRR 040 010 200 660	4	R1	4	20	60	6
	2WRR 040 010 250 660	4	R1	4	25	60	6
	2WRR 040 010 300 675	4	R1	4	30	75	6
	2WRR 040 010 350 675	4	R1	4	35	75	6
	2WRR 040 010 400 675	4	R1	4	40	75	6
	2WRR 040 010 450 6A0	4	R1	4	45	100	6
	2WRR 040 010 500 6A0	4	R1	4	50	100	6
	2WRR 050 002 150 660	5	R0.2	6	15	60	6
	2WRR 050 002 250 675	5	R0.2	6	25	75	6
	2WRR 050 002 300 675	5	R0.2	6	30	75	6
	2WRR 050 002 400 675	5	R0.2	6	40	75	6
	2WRR 050 002 500 6A0	5	R0.2	6	50	100	6
	2WRR 050 005 150 660	5	R0.5	6	15	60	6
	2WRR 050 005 250 675	5	R0.5	6	25	75	6
	2WRR 050 005 300 675	5	R0.5	6	30	75	6
	2WRR 050 005 400 675	5	R0.5	6	40	75	6
	2WRR 050 005 500 6A0	5	R0.5	6	50	100	6
	2WRR 050 010 150 660	5	R1	6	15	60	6
	2WRR 050 010 250 675	5	R1	6	25	75	6
	2WRR 050 010 300 675	5	R1	6	30	75	6
	2WRR 050 010 400 675	5	R1	6	40	75	6

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Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WRR 050 010 500 6A0	5	R1	6	50	100	6
2WRR 060 001 200 660	6	R0.1	7	20	60	6
2WRR 060 001 400 6A0	6	R0.1	7	40	100	6
2WRR 060 002 200 660	6	R0.2	7	20	60	6
2WRR 060 002 400 6A0	6	R0.2	7	40	100	6
2WRR 060 002 600 6A0	6	R0.2	7	60	100	6
2WRR 060 003 200 660	6	R0.3	7	20	60	6
2WRR 060 003 400 6A0	6	R0.3	7	40	100	6
2WRR 060 005 200 660	6	R0.5	7	20	60	6
2WRR 060 005 400 6A0	6	R0.5	7	40	100	6
2WRR 060 005 600 6A0	6	R0.5	7	60	100	6
2WRR 060 010 200 660	6	R1	7	20	60	6
2WRR 060 010 400 6A0	6	R1	7	40	100	6
2WRR 060 010 600 6A0	6	R1	7	60	100	6
2WRR 060 015 200 660	6	R1.5	7	20	60	6
2WRR 060 015 400 6A0	6	R1.5	7	40	100	6
2WRR 080 002 220 860	8	R0.2	9	22	60	8
2WRR 080 002 400 8A0	8	R0.2	9	40	100	8
2WRR 080 003 220 860	8	R0.3	9	22	60	8
2WRR 080 003 400 8A0	8	R0.3	9	40	100	8
2WRR 080 005 220 860	8	R0.5	9	22	60	8
2WRR 080 005 400 8A0	8	R0.5	9	40	100	8
2WRR 080 005 600 8C0	8	R0.5	9	60	120	8
2WRR 080 010 220 860	8	R1	9	22	60	8
2WRR 080 010 400 8A0	8	R1	9	40	100	8
2WRR 080 010 600 8C0	8	R1	9	60	120	8
2WRR 080 015 220 860	8	R1.5	9	22	60	8
2WRR 080 015 400 8A0	8	R1.5	9	40	100	8
2WRR 100 002 240 A75	10	R0.2	11	24	75	10
2WRR 100 002 450 AA0	10	R0.2	11	45	100	10
2WRR 100 002 600 AC0	10	R0.2	11	60	120	10
2WRR 100 003 240 A75	10	R0.3	11	24	75	10
2WRR 100 003 450 AA0	10	R0.3	11	45	100	10
2WRR 100 005 240 A75	10	R0.5	11	24	75	10
2WRR 100 005 450 AA0	10	R0.5	11	45	100	10
2WRR 100 005 600 AC0	10	R0.5	11	60	120	10
2WRR 100 010 240 A75	10	R1	11	24	75	10

ECO-CUT

WIDE-CUT

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Unit(mm)

	Model Number	Cutting Dia. D	Corner Radius R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WRR 100 010 450 AA0	10	R1	11	45	100	10
	2WRR 100 010 600 AC0	10	R1	11	60	120	10
WIDE-CUT	2WRR 100 015 240 A75	10	R1.5	11	24	75	10
	2WRR 100 015 450 AA0	10	R1.5	11	45	100	10
HARD-CUT	2WRR 100 020 240 A75	10	R2	11	24	75	10
	2WRR 100 020 450 AA0	10	R2	11	45	100	10
ALU-CUT	2WRR 120 002 260 C75	12	R0.2	13	26	75	12
	2WRR 120 002 500 CA0	12	R0.2	13	50	100	12
D-CUT	2WRR 120 003 260 C75	12	R0.3	13	26	75	12
	2WRR 120 003 500 CA0	12	R0.3	13	50	100	12
SUS CUT	2WRR 120 005 260 C75	12	R0.5	13	26	75	12
	2WRR 120 005 500 CA0	12	R0.5	13	50	100	12
MAGIC DRILLS	2WRR 120 005 700 CF0	12	R0.5	13	70	150	12
	2WRR 120 010 260 C75	12	R1	13	26	75	12
	2WRR 120 010 500 CA0	12	R1	13	50	100	12
	2WRR 120 010 700 CF0	12	R1	13	70	150	12
	2WRR 120 015 260 C75	12	R1.5	13	26	75	12
	2WRR 120 015 500 CA0	12	R1.5	13	50	100	12
	2WRR 120 020 260 C75	12	R2	13	26	75	12
	2WRR 120 020 500 CA0	12	R2	13	50	100	12
	2WRR 120 030 260 C75	12	R3	13	26	75	12
	2WRR 120 030 500 CA0	12	R3	13	50	100	12
	2WRR 160 005 400 GA0	16	R0.5	20	40	100	16
	2WRR 160 005 160 GF0	16	R0.5	20	60	150	16
	2WRR 160 010 400 GA0	16	R1	20	40	100	16
	2WRR 160 010 160 GF0	16	R1	20	60	150	16