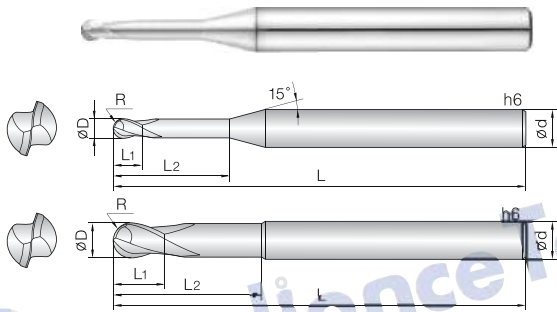


## 2 Flutes Alu-Cut 45° Helix Rib Ball End Mills For Aluminium



# 2ARB

- Ball Endmills for Aluminium, AL alloys, copper, copper alloys, non-ferrous and non-metallic materials.
- Applied fine WC grade for good surface finish.
- Minimize fracturing by high TRS fine (0.5µm) WC grade.
- High speed, feed applicable by 45° helix and deep chip pocket design.



Unit(mm)

Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2ARB 005 010 445	0.5	0.25R	0.7	1	45	4
2ARB 005 020 445	0.5	0.25R	0.7	2	45	4
2ARB 005 030 445	0.5	0.25R	0.7	3	45	4
2ARB 005 040 445	0.5	0.25R	0.7	4	45	4
2ARB 005 050 445	0.5	0.25R	0.7	5	45	4
2ARB 005 060 445	0.5	0.25R	0.7	6	45	4
2ARB 006 020 445	0.6	0.3R	0.9	2	45	4
2ARB 006 030 445	0.6	0.3R	0.9	3	45	4
2ARB 006 040 445	0.6	0.3R	0.9	4	45	4
2ARB 006 050 445	0.6	0.3R	0.9	5	45	4
2ARB 006 060 445	0.6	0.3R	0.9	6	45	4
2ARB 006 080 445	0.6	0.3R	0.9	8	45	4
2ARB 006 100 445	0.6	0.3R	0.9	10	45	4
2ARB 008 020 445	0.8	0.4R	1.2	2	45	4
2ARB 008 030 445	0.8	0.4R	1.2	3	45	4
2ARB 008 040 445	0.8	0.4R	1.2	4	45	4
2ARB 008 060 445	0.8	0.4R	1.2	6	45	4
2ARB 008 080 445	0.8	0.4R	1.2	8	45	4
2ARB 008 100 445	0.8	0.4R	1.2	10	45	4
2ARB 008 120 445	0.8	0.4R	1.2	12	45	4
2ARB 010 030 450	1	0.5R	1.5	3	50	4
2ARB 010 050 450	1	0.5R	1.5	5	50	4
2ARB 010 080 450	1	0.5R	1.5	8	50	4
2ARB 010 100 450	1	0.5R	1.5	10	50	4
2ARB 010 120 450	1	0.5R	1.5	12	50	4
2ARB 010 160 450	1	0.5R	1.5	16	50	4

## 2 Flutes Alu-Cut 45° Helix Rib Ball End Mills For Aluminium



							Unit(mm)
Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d	
2ARB 010 200 450	1	0.5R	1.5	20	50	4	
2ARB 012 030 450	1.2	0.6R	1.8	3	50	4	
2ARB 012 040 450	1.2	0.6R	1.8	4	50	4	
2ARB 012 060 450	1.2	0.6R	1.8	6	50	4	
2ARB 012 080 450	1.2	0.6R	1.8	8	50	4	
2ARB 012 100 450	1.2	0.6R	1.8	10	50	4	
2ARB 012 120 450	1.2	0.6R	1.8	12	50	4	
2ARB 015 050 450	1.5	0.75R	2	5	50	4	
2ARB 015 080 450	1.5	0.75R	2	8	50	4	
2ARB 015 100 450	1.5	0.75R	2	10	50	4	
2ARB 015 120 450	1.5	0.75R	2	12	50	4	
2ARB 015 160 450	1.5	0.75R	2	16	50	4	
2ARB 015 200 450	1.5	0.75R	2	20	50	4	
2ARB 020 050 650	2	1R	3	5	50	6	
2ARB 020 080 650	2	1R	3	8	50	6	
2ARB 020 100 650	2	1R	3	10	50	6	
2ARB 020 120 660	2	1R	3	12	60	6	
2ARB 020 160 660	2	1R	3	16	60	6	
2ARB 020 200 660	2	1R	3	20	60	6	
2ARB 020 250 660	2	1R	3	25	60	6	
2ARB 025 060 650	2.5	1.25R	4	6	50	6	
2ARB 025 100 650	2.5	1.25R	4	10	50	6	
2ARB 025 120 660	2.5	1.25R	4	12	60	6	
2ARB 025 160 660	2.5	1.25R	4	16	60	6	
2ARB 025 200 660	2.5	1.25R	4	20	60	6	
2ARB 030 080 660	3	1.5R	4.5	8	60	6	
2ARB 030 120 660	3	1.5R	4.5	12	60	6	
2ARB 030 160 660	3	1.5R	4.5	16	60	6	
2ARB 030 200 660	3	1.5R	4.5	20	60	6	
2ARB 030 250 675	3	1.5R	4.5	25	75	6	
2ARB 030 300 675	3	1.5R	4.5	30	75	6	
2ARB 030 400 675	3	1.5R	4.5	40	75	6	
2ARB 040 100 660	4	2R	6	10	60	6	
2ARB 040 160 660	4	2R	6	16	60	6	
2ARB 040 200 660	4	2R	6	20	60	6	
2ARB 040 250 675	4	2R	6	25	75	6	
2ARB 040 300 675	4	2R	6	30	75	6	

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

## 2 Flutes Alu-Cut 45° Helix Rib Ball End Mills For Aluminium



Unit(mm)

Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2ARB 040 400 675	4	2R	6	40	75	6
2ARB 050 160 675	5	2.5R	8	16	75	6
2ARB 050 200 675	5	2.5R	8	20	75	6
2ARB 050 250 675	5	2.5R	8	25	75	6
2ARB 060 150 6A0	6	3R	9	15	100	6
2ARB 060 300 6A0	6	3R	9	30	100	6
2ARB 060 400 6A0	6	3R	9	40	100	6
2ARB 080 200 8A0	8	4R	12	20	100	8
2ARB 100 250 AA0	10	5R	15	25	100	10
2ARB 120 300 CA0	12	6R	18	30	100	12
2ARB 160 600 GF0	16	8R	30	60	150	16

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS