

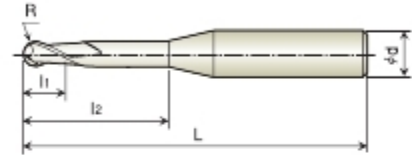
The advertisement features a vibrant green background. On the right side, there is a detailed, realistic image of a silver-colored metal drill bit, showing its flutes and sharp tip. On the left side, there are three white line-art outlines of various drill bit designs, including a standard double-flute bit, a more complex multi-fluted bit, and a bit with a wider cutting edge. The text 'A-PRO' is prominently displayed in a large, bold, white sans-serif font, with 'SERIES' in a smaller, all-caps font directly below it.

A-PRO
SERIES

2날 리브가공용 볼 엔드밀

2 FLUTES RIB BALL END MILLS

- ◆ HRC50이하 소재의 가공용으로 설계
- ◆ 날부피손 방지 및 절삭성 증대를 위한 형상설계
- ◆ 뿔 내 형상으로 깊고 좁은 가공에 적합
- ◆ Designed for cutting of hardened steels below HRC50.
- ◆ Geometry design to protect the breakage of cutting edge and improve the cutting performance.
- ◆ Suitable for cutting narrow and deep rib by long neck form.



SMG	TiAlN
2	R ± 0.01
30°	HRC ~50
h6	DATA p.190

A-PRO

unit (mm)

신규 모델번호	구 모델번호	볼반경	유효장	날장	샤프크경	전장
Model No.	Model No.	Radius of Ball Nose	Effective Length	Length of cut	Shank Diameter	Overall Length
		R	l ₂	l ₁	d	L
2ARB 004 010 445	APRE00401	R0.2	1	0.4	4	45
2ARB 004 020 445	APRE00402	R0.2	2	0.4	4	45
2ARB 005 020 445	APRE00502	R0.25	2	0.5	4	45
2ARB 005 040 445	APRE00504	R0.25	4	0.5	4	45
2ARB 006 020 445	APRE00602	R0.3	2	0.6	4	45
2ARB 006 030 445	APRE00603	R0.3	3	0.6	4	45
2ARB 006 040 445	APRE00604	R0.3	4	0.6	4	45
2ARB 006 050 445	APRE00605	R0.3	5	0.6	4	45
2ARB 006 060 445	APRE00606	R0.3	6	0.6	4	45
2ARB 008 020 445	APRE00802	R0.4	2	0.8	4	45
2ARB 008 030 445	APRE00803	R0.4	3	0.8	4	45
2ARB 008 040 445	APRE00804	R0.4	4	0.8	4	45
2ARB 008 050 445	APRE00805	R0.4	5	0.8	4	45
2ARB 008 060 445	APRE00806	R0.4	6	0.8	4	45
2ARB 008 080 445	APRE00808	R0.4	8	0.8	4	45
2ARB 010 030 445	APRE01003	R0.5	3	1	4	45
2ARB 010 040 445	APRE01004	R0.5	4	1	4	45
2ARB 010 050 445	APRE01005	R0.5	5	1	4	45
2ARB 010 060 445	APRE01006	R0.5	6	1	4	45
2ARB 010 080 445	APRE01008	R0.5	8	1	4	45
2ARB 010 100 445	APRE01010	R0.5	10	1	4	45
2ARB 010 120 445	APRE01012	R0.5	12	1	4	45
2ARB 012 080 445	APRE01208	R0.6	8	1.2	4	45
2ARB 012 100 445	APRE01210	R0.6	10	1.2	4	45
2ARB 012 120 445	APRE01212	R0.6	12	1.2	4	45
2ARB 015 060 445	APRE01506	R0.75	6	1.5	4	45
2ARB 015 080 445	APRE01508	R0.75	8	1.5	4	45
2ARB 015 100 445	APRE01510	R0.75	10	1.5	4	45
2ARB 015 120 445	APRE01512	R0.75	12	1.5	4	45
2ARB 015 160 450	APRE01516	R0.75	16	1.5	4	50
2ARB 016 080 445	APRE01608	R0.8	8	1.6	4	45
2ARB 016 120 445	APRE01612	R0.8	12	1.6	4	45

2날 리브가공용 볼 엔드밀

2 FLUTES RIB BALL END MILLS



A-PRO

unit (mm)

신규 모델번호 Model No.	구 모델번호 Model No.	볼반경	유효장	날 장	생크경	전 장
		Radius of Ball Nose	Effective Length	Length of cut	Shank Diameter	Overall Length
		R	l_2	l_1	d	L
2ARB 020 080 445	APRB02008	R1.0	8	2	4	45
2ARB 020 100 445	APRB02010	R1.0	10	2	4	45
2ARB 020 120 445	APRB02012	R1.0	12	2	4	45
2ARB 020 160 450	APRB02016	R1.0	16	2	4	50
● 2ARB 020 200 450		R1.0	20	2	4	50
2ARB 025 080 650	APRB02508	R1.25	8	2.5	6	50
2ARB 030 120 650	APRB03012	R1.5	12	3	6	50
2ARB 030 160 660	APRB03016	R1.5	16	3	6	60
2ARB 030 200 660	APRB03020	R1.5	20	3	6	60
2ARB 030 250 665	APRB03025	R1.5	25	3	6	65
2ARB 040 120 650	APRB04012	R2.0	12	4	6	50
2ARB 040 160 660	APRB04016	R2.0	16	4	6	60
2ARB 040 200 660	APRB04020	R2.0	20	4	6	60
2ARB 040 250 665	APRB04025	R2.0	25	4	6	65
2ARB 040 300 670	APRB04030	R2.0	30	4	6	70

생크경, 전장 표시법	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

사이즈	인선직경공차(mm)
D Size	D Tolerance
All	0~-0.020

● : NEW