

# ABS

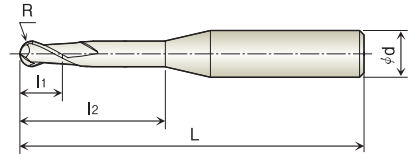
SERIES



## 2날 수지가공용 리브 볼 엔드밀

### 2 FLUTES RIB BALL END MILLS FOR RESIN, PLASTIC, ABS

- ◆ 원활한 칩배출을 위한 형상설계
- ◆ 쾌삭절삭을 위한 예리한 인선
- ◆ 정밀 가공시 형상 유지력 향상
- ◆ Geometry design for smooth chip flow.
- ◆ Sharp cutting edge for high speed cutting.
- ◆ Improve to keep shape when precision-work.



unit (mm)

신규 모델번호 Model No.	구 모델번호 Model No.	볼반경 Radius of Ball Nose R	유효장 Effective Length l <sub>2</sub>	날 장 Length of cut l <sub>1</sub>	샙크경 Shank Diameter d	전 장 Overall Length L
2MRB 002 010 345	MMRB00201-3	R0.1	1	0.4	3	45
2MRB 002 015 345	MMRB002015-3	R0.1	1.5	0.4	3	45
2MRB 002 020 345	MMRB00202-3	R0.1	2	0.4	3	45
2MRB 003 015 345	MMRB003015-3	R0.15	1.5	1	3	45
2MRB 003 020 345	MMRB00302-3	R0.15	2	1	3	45
2MRB 003 025 345	MMRB003025-3	R0.15	2.5	1	3	45
2MRB 003 030 345	MMRB00303-3	R0.15	3	1	3	45
2MRB 004 030 345	MMRB00403-3	R0.2	3	1.2	3	45
2MRB 005 050 350	MMRB00505-3	R0.25	5	1.5	3	50
2MRB 006 060 350	MMRB00606-3	R0.3	6	3	3	50
2MRB 007 070 350	MMRB00707-3	R0.35	7	3	3	50
2MRB 008 080 350	MMRB00808-3	R0.4	8	4	3	50
2MRB 009 100 350	MMRB00910-3	R0.45	10	4	3	50
2MRB 010 060 660	MMRB01006-6	R0.5	6	3	6	60
2MRB 010 070 660	MMRB01007-6	R0.5	7	3	6	60
2MRB 010 100 365	MMRB01010-3	R0.5	10	5	3	65
2MRB 010 100 660	MMRB01010-6	R0.5	10	5	6	60
2MRB 010 150 365	MMRB01015-3	R0.5	15	5	3	65
2MRB 010 200 380	MMRB01020-3	R0.5	20	5	3	80
2MRB 010 250 380	MMRB01025-3	R0.5	25	5	3	80
2MRB 015 100 660	MMRB01510-6	R0.75	10	5	6	60
2MRB 015 150 380	MMRB01515-3	R0.75	15	10	3	80
2MRB 015 150 660	MMRB01515-6	R0.75	15	10	6	60
2MRB 015 200 380	MMRB01520-3	R0.75	20	10	3	80
2MRB 015 250 380	MMRB01525-3	R0.75	25	10	3	80
2MRB 020 100 665	MMRB02010-6	R1.0	10	5	6	65
2MRB 020 150 380	MMRB02015-3	R1.0	15	10	3	80
2MRB 020 150 665	MMRB02015-6	R1.0	15	10	6	65
2MRB 020 200 380	MMRB02020-3	R1.0	20	10	3	80
2MRB 020 250 380	MMRB02025-3	R1.0	25	10	3	80
2MRB 020 300 380	MMRB02030-3	R1.0	30	10	3	80
2MRB 025 200 380	MMRB02520-3	R1.25	20	15	3	80

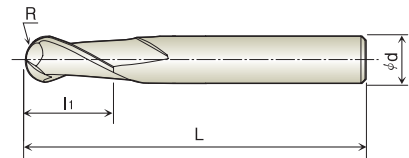
# ABS



## 2날 수지가공용 볼 엔드밀

### 2 FLUTES BALL END MILLS FOR RESIN, PLASTIC, ABS

- ◆ 원활한 칩배출을 위한 형상설계
- ◆ 쾌삭절삭을 위한 예리한 인선
- ◆ 정밀 가공시 형상 유지력 향상
- ◆ Geometry design for smooth chip flow.
- ◆ Sharp cutting edge for high speed cutting.
- ◆ Improve to keep shape when precision-work.



unit (mm)

신규 모델 번호 Model No.	구 모델 번호 Model No.	볼반경 Radius of Ball Nose R	날 장 Length of cut L <sub>1</sub>	생크경 Shank Diameter d	전 장 Overall Length L
2MMB 003 010 345	MMB2003-010-3	R0.15	1	3	45
2MMB 004 012 345	MMB2004-012-3	R0.2	1.2	3	45
2MMB 004 020 345	MMB2004-020-3	R0.2	2	3	45
2MMB 005 015 350	MMB2005-015-3	R0.25	1.5	3	50
2MMB 005 020 350	MMB2005-020-3	R0.25	2	3	50
2MMB 006 030 350	MMB2006-030-3	R0.3	3	3	50
2MMB 007 030 350	MMB2007-030-3	R0.35	3	3	50
2MMB 008 040 350	MMB2008-040-3	R0.4	4	3	50
2MMB 009 040 350	MMB2009-040-3	R0.45	4	3	50
2MMB 010 050 365	MMB2010-050-3	R0.5	5	3	65
2MMB 015 100 380	MMB2015-100-3	R0.75	10	3	80
2MMB 020 100 380	MMB2020-100-3	R1.0	10	3	80
2MMB 025 100 380	MMB2025-100-3	R1.25	10	3	80
2MMB 025 150 380	MMB2025-150-3	R1.25	15	3	80
2MMB 030 100 365	MMB2030-100-3	R1.5	10	3	65
2MMB 030 200 380	MMB2030-200-3	R1.5	20	3	80
2MMB 030 200 3A0	MMB2030-200-3-100	R1.5	20	3	100
2MMB 040 200 480	MMB2040-200-4-80	R2.0	20	4	80
2MMB 040 200 680	MMB2040-200-6	R2.0	20	6	80
2MMB 040 200 4A0	MMB2040-200-4-100	R2.0	20	4	100
2MMB 050 300 5A0	MMB2050-300-100	R2.5	30	5	100
2MMB 050 300 5C0	MMB2050-300-120	R2.5	30	5	120
2MMB 060 250 690	MMB2060-250	R3.0	25	6	90
2MMB 060 300 6A0	MMB2060-300	R3.0	30	6	100
2MMB 060 400 6C0	MMB2060-400-120	R3.0	40	6	120
2MMB 060 400 6F0	MMB2060-400-150	R3.0	40	6	150
2MMB 080 450 8C0	MMB2080-450-120	R4.0	45	8	120
2MMB 080 450 8F0	MMB2080-450-150	R4.0	45	8	150
2MMB 100 500 AC0	MMB2100-500-120	R5.0	50	10	120
2MMB 100 500 AF0	MMB2100-500-150	R5.0	50	10	150
2MMB 120 500 CC0	MMB2120-500-120	R6.0	50	12	120
2MMB 120 500 CF0	MMB2120-500-150	R6.0	50	12	150

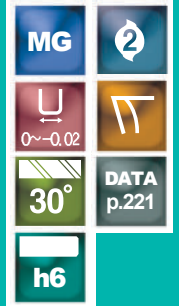
# ABS

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

## 2날 수지가공용 리브 스퀘어 엔드밀

### 2 FLUTES RIB SQUARE END MILLS FOR RESIN, PLASTIC, ABS

- ◆ 원활한 칩배출을 위한 형상설계
- ◆ 쾌삭절삭을 위한 예리한 인선
- ◆ 정밀 가공시 형상 유지력 향상
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unit (mm)						
신규 모델 번호	구 모델 번호	인선 직경	유효 장	날 장	생크 경	전 장
Model No.	Model No.	Outside Diameter D	Effective Length $l_2$	Length of cut $l_1$	Shank Diameter d	Overall Length L
2MRE 002 010 345	MMRE00201-3	0.2	1	0.4	3	45
2MRE 020 015 345	MMRE002015-3	0.2	1.5	0.4	3	45
2MRE 002 020 345	MMRE00202-3	0.2	2	0.4	3	45
2MRE 003 015 345	MMRE003015-3	0.3	1.5	1	3	45
2MRE 003 020 345	MMRE00302-3	0.3	2	1	3	45
2MRE 003 025 345	MMRE003025-3	0.3	2.5	1	3	45
2MRE 003 030 345	MMRE00303-3	0.3	3	1	3	45
2MRE 004 030 345	MMRE00403-3	0.4	3	1.2	3	45
2MRE 005 050 350	MMRE00505-3	0.5	5	2	3	50
2MRE 006 060 350	MMRE00606-3	0.6	6	3	3	50
2MRE 007 070 350	MMRE00707-3	0.7	7	3	3	50
2MRE 008 080 350	MMRE00808-3	0.8	8	4	3	50
2MRE 009 090 350	MMRE00909-3	0.9	9	4	3	50
2MRE 010 050 660	MMRE01005-6	1	5	2.5	6	60
2MRE 010 100 365	MMRE01010-3	1	10	5	3	65
2MRE 010 100 660	MMRE01010-6	1	10	5	6	60
2MRE 010 150 365	MMRE01015-3	1	15	5	3	65
2MRE 010 200 380	MMRE01020-3	1	20	5	3	80
2MRE 010 250 380	MMRE01025-3	1	25	5	3	80
2MRE 015 100 660	MMRE01510-6	1.5	10	5	6	60
2MRE 015 150 380	MMRE01515-3	1.5	15	10	3	80
2MRE 015 150 660	MMRE01515-6	1.5	15	10	6	60
2MRE 015 200 380	MMRE01520-3	1.5	20	10	3	80
2MRE 020 100 660	MMRE02010-6	2	10	5	6	60
2MRE 020 150 380	MMRE02015-3	2	15	10	3	80
2MRE 020 150 660	MMRE02015-6	2	15	10	6	60
2MRE 020 200 380	MMRE02020-3	2	20	10	3	80
2MRE 020 250 380	MMRE02025-3	2	25	10	3	80
2MRE 020 300 380	MMRE02030-3	2	30	10	3	80
2MRE 025 200 380	MMRE02520-3	2.5	20	15	3	80
2MRE 030 150 680	MMRE03015-6	3	15	10	6	80

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

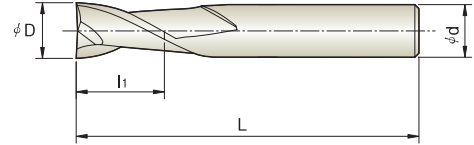
● : NEW

## 2날 수지가공용 스퀘어(플랫) 엔드밀

### 2 FLUTES SQUARE(FLAT) END MILLS FOR RESIN, PLASTIC, ABS

- ◆ 원활한 칩배출을 위한 형상설계
- ◆ 쾌삭절삭을 위한 예리한 인선
- ◆ 정밀 가공시 형상 유지력 향상
- ◆ Geometry design for smooth chip flow.
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MG	
	30°
h6	DATA p.221



unit (mm)

신규 모델번호 Model No.	구 모델번호 Model No.	인선직경 Outside Diameter D	날 장 Length of cut l <sub>1</sub>	생크경 Shank Diameter d	전 장 Overall Length L
2MME 003 010 345	MME2003-010-3	0.3	1	3	45
2MME 003 018 345	MME2003-018-3	0.3	1.8	3	45
2MME 004 012 345	MME2004-012-3	0.4	1.2	3	45
2MME 004 020 345	MME2004-020-3	0.4	2	3	45
2MME 005 015 350	MME2005-015-3	0.5	1.5	3	50
2MME 005 020 350	MME2005-020-3	0.5	2	3	50
2MME 006 030 350	MME2006-030-3	0.6	3	3	50
2MME 007 030 350	MME2007-030-3	0.7	3	3	50
2MME 008 040 350	MME2008-040-3	0.8	4	3	50
2MME 009 040 350	MME2009-040-3	0.9	4	3	50
2MME 010 050 365	MME2010-050-3	1	5	3	65
2MME 015 100 380	MME2015-100-3	1.5	10	3	80
2MME 020 100 380	MME2020-100-3	2	10	3	80
2MME 025 150 380	MME2025-150-3	2.5	15	3	80
2MME 030 100 365	MME2030-100-3	3	10	3	65
2MME 030 100 665	MME2030-100-6	3	10	6	65
2MME 030 200 380	MME2030-200-3-80	3	20	3	80
2MME 030 200 3A0	MME2030-200-3-100	3	20	3	100
2MME 030 200 3C0	MME2030-200-3-120	3	20	3	120
2MME 040 200 480	MME2040-200-4-80	4	20	4	80
2MME 040 200 4A0	MME2040-200-4-100	4	20	4	100
2MME 040 250 4C0	MME2040-250-4-120	4	25	4	120
2MME 050 300 5A0	MME2050-300-100	5	30	5	100
2MME 050 300 5C0	MME2050-300-120	5	30	5	120
2MME 060 250 680	MME2060-250	6	25	6	80
2MME 060 300 680	MME2060-300	6	30	6	80
2MME 060 400 6A0	MME2060-400-100	6	40	6	100
2MME 060 400 6C0	MME2060-400-120	6	40	6	120
2MME 060 400 6F0	MME2060-400-150	6	40	6	150
2MME 080 350 8A0	MME2080-350-100	8	35	8	100
2MME 080 450 8C0	MME2080-450-120	8	45	8	120
2MME 080 450 8G0	MME2080-450-160	8	45	8	160

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