

- 아크릴, ABS, 목업, 알루미늄 등 비철, 비금속 피삭재 가공
- 짧은 날장 채택으로 떨림을 최소화 하였습니다
- 고속, 고이송 작업시 짧은 날장을 채택하여 공구의 강성이 우수합니다.
- 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.
- **Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
- Minimize chattering by short flute design.
- Excellent tool rigidity by short flute design at high speed, feed machining.
- Reinforced edge design for preventing edge chipping.
- Excellent wear resistance by applying fine WC grade.



0.1 ~ 2.5R

3R

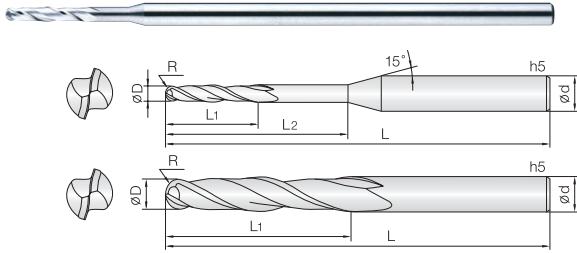
369P

D Size	D Tolerance
Ø0.2 ~ 5	+0 ~ -0.01mm
Ø6 ~ 12	-0.005 ~ -0.015mm

단위 : mm

Order Number	날경 Diameter R x D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MRB 002 005 S04	0.1R X 0.2	0.3	0.5	40	4	
2MRB 002 010 S04	0.1R X 0.2	0.3	1	40	4	
2MRB 002 015 S04	0.1R X 0.2	0.3	1.5	40	4	
2MRB 002 020 S04	0.1R X 0.2	0.3	2	40	4	
2MRB 003 010 S04	0.15R X 0.3	0.45	1	40	4	
2MRB 003 020 S04	0.15R X 0.3	0.45	2	40	4	
2MRB 003 030 S04	0.15R X 0.3	0.45	3	40	4	
2MRB 003 050 S04	0.15R X 0.3	0.45	5	40	4	
2MRB 004 020 S04	0.2R X 0.4	0.6	2	40	4	
2MRB 004 030 S04	0.2R X 0.4	0.6	3	40	4	
2MRB 004 040 S04	0.2R X 0.4	0.6	4	40	4	
2MRB 004 050 S04	0.2R X 0.4	0.6	5	40	4	
2MRB 004 060 S04	0.2R X 0.4	0.6	6	40	4	
2MRB 005 020 S04	0.25R X 0.5	1	2	45	4	
2MRB 005 040 S04	0.25R X 0.5	1	4	45	4	
2MRB 005 060 S04	0.25R X 0.5	1	6	45	4	
2MRB 005 080 S04	0.25R X 0.5	1	8	45	4	
2MRB 005 100 S04	0.25R X 0.5	1	10	45	4	
2MRB 006 020 S04	0.3R X 0.6	1.2	2	45	4	
2MRB 006 040 S04	0.3R X 0.6	1.2	4	45	4	
2MRB 006 060 S04	0.3R X 0.6	1.2	6	45	4	
2MRB 006 080 S04	0.3R X 0.6	1.2	8	45	4	
2MRB 006 100 S04	0.3R X 0.6	1.2	10	45	4	
2MRB 007 040 S04	0.35R X 0.7	1.4	4	45	4	
2MRB 007 060 S04	0.35R X 0.7	1.4	6	45	4	
2MRB 007 080 S04	0.35R X 0.7	1.4	8	45	4	
2MRB 007 100 S04	0.35R X 0.7	1.4	10	45	4	
2MRB 008 040 S04	0.4R X 0.8	1.6	4	45	4	
2MRB 008 060 S04	0.4R X 0.8	1.6	6	45	4	
2MRB 008 080 S04	0.4R X 0.8	1.6	8	45	4	
2MRB 008 100 S04	0.4R X 0.8	1.6	10	45	4	
2MRB 008 120 S04	0.4R X 0.8	1.6	12	45	4	
2MRB 009 060 S04	0.45R X 0.9	1.8	6	45	4	
2MRB 009 100 S04	0.45R X 0.9	1.8	10	45	4	
2MRB 009 120 S04	0.45R X 0.9	1.8	12	45	4	
2MRB 010 060 S04	0.5R X 1	2	6	50	4	
2MRB 010 080 S04	0.5R X 1	2	8	50	4	
2MRB 010 100 S04	0.5R X 1	2	10	50	4	
2MRB 010 120 S04	0.5R X 1	2	12	50	4	
2MRB 010 160 S04	0.5R X 1	2	16	50	4	
2MRB 010 200 S04	0.5R X 1	2	20	60	4	
2MRB 010 250 S04	0.5R X 1	2	25	60	4	
2MRB 012 060 S04	0.6R X 1.2	2.4	6	50	4	
2MRB 012 080 S04	0.6R X 1.2	2.4	8	50	4	
2MRB 012 100 S04	0.6R X 1.2	2.4	10	50	4	
2MRB 012 120 S04	0.6R X 1.2	2.4	12	50	4	
2MRB 012 160 S04	0.6R X 1.2	2.4	16	50	4	
2MRB 014 060 S04	0.7R X 1.4	2.8	6	50	4	
2MRB 014 100 S04	0.7R X 1.4	2.8	10	50	4	
2MRB 014 160 S04	0.7R X 1.4	2.8	16	50	4	

Order Number	날경 Diameter R x D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MRB 015 060 S04	0.75R X 1.5	3	6	50	4	
2MRB 015 100 S04	0.75R X 1.5	3	10	50	4	
2MRB 015 140 S04	0.75R X 1.5	3	14	50	4	
2MRB 015 160 S04	0.75R X 1.5	3	16	50	4	
2MRB 015 200 S04	0.75R X 1.5	3	20	60	4	
2MRB 015 250 S04	0.75R X 1.5	3	25	60	4	
2MRB 015 300 S04	0.75R X 1.5	3	30	70	4	
2MRB 016 060 S04	0.8R X 1.6	3.2	6	50	4	
2MRB 020 080 S04	1R X 2	4	8	50	4	
2MRB 020 100 S04	1R X 2	4	10	50	4	
2MRB 020 120 S04	1R X 2	4	12	50	4	
2MRB 020 140 S04	1R X 2	4	14	50	4	
2MRB 020 160 S04	1R X 2	4	16	50	4	
2MRB 020 180 S04	1R X 2	4	18	50	4	
2MRB 020 200 S04	1R X 2	4	20	60	4	
2MRB 020 250 S04	1R X 2	4	25	60	4	
2MRB 020 300 S04	1R X 2	4	30	70	4	
2MRB 020 350 S04	1R X 2	4	35	80	4	
2MRB 020 400 S04	1R X 2	4	40	80	4	
2MRB 025 120 S04	1.25R X 2.5	5	12	60	4	
2MRB 025 200 S04	1.25R X 2.5	5	20	60	4	
2MRB 030 080 S06	1.5R X 3	6	8	70	6	
2MRB 030 120 S06	1.5R X 3	6	12	70	6	
2MRB 030 160 S06	1.5R X 3	6	16	70	6	
2MRB 030 200 S06	1.5R X 3	6	20	70	6	
2MRB 030 250 S06	1.5R X 3	6	25	70	6	
2MRB 030 300 S06	1.5R X 3	6	30	80	6	
2MRB 030 400 S06	1.5R X 3	6	40	90	6	
2MRB 030 450 S06	1.5R X 3	6	45	90	6	
2MRB 040 120 S06	2R X 4	8	12	70	6	
2MRB 040 160 S06	2R X 4	8	16	70	6	
2MRB 040 200 S06	2R X 4	8	20	70	6	
2MRB 040 250 S06	2R X 4	8	25	70	6	
2MRB 040 300 S06	2R X 4	8	30	70	6	
2MRB 040 350 S06	2R X 4	8	35	80	6	
2MRB 040 400 S06	2R X 4	8	40	80	6	
2MRB 040 500 S06	2R X 4	8	50	100	6	
2MRB 050 160 S06	2.5R X 5	10	16	80	6	
2MRB 050 250 S06	2.5R X 5	10	25	80	6	
2MRB 050 350 S06	2.5R X 5	10	35	80	6	
2MRB 060 250 S06	3R X 6	12	25	80	6	
2MRB 060 350 S06	3R X 6	12	35	80	6	
2MRB 060 500 S06	3R X 6	12	50	120	6	
2MRB 060 600 S06	3R X 6	12	60	120	6	



- 아크릴, ABS, 목업, 알루미늄 등 비철, 비금속 피삭재 전용 엔드밀
- 균일한 런아웃 공차관리로 떨림을 최소화 하였습니다.
- 깊은 피삭재 가공시 긴 날장을 채택하여 가공이 용이하며, 칩배출이 좋습니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.
- Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.
- Minimize chattering by even run-out and tolerance control.
- Long flute helps chip control in deep groove machining.
- Excellent wear resistance by applying fine WC grade.



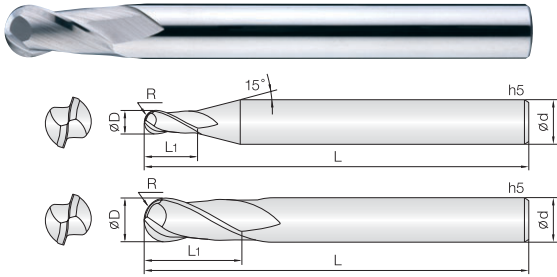
0.1 ~ 2.5R 3 ~ 6R 8R 370P

D Size	D Tolerance
Ø0.2 ~ 5	+0 ~ -0.01mm
Ø6 ~ 12	-0.005 ~ -0.015mm
Ø16	-0.01 ~ -0.02mm

단위 : mm

Order Number	날경 Diameter R × D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고	Order Number	날경 Diameter R × D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MLB 002 010 S03	0.1R X 0.2	0.4	1	40	3		2MLB 010 300 S04	0.5R X 1	5	30	80	4	
2MLB 002 015 S03	0.1R X 0.2	0.4	1.5	40	3		2MLB 010 350 S04	0.5R X 1	5	35	100	4	
2MLB 002 020 S03	0.1R X 0.2	0.4	2	40	3		2MLB 010 400 S04	0.5R X 1	5	40	100	4	
2MLB 003 010 S03	0.15R X 0.3	1	-	45	3		2MLB 015 100 S03	0.75R X 1.5	10	-	80	3	
2MLB 003 015 S03	0.15R X 0.3	1	1.5	45	3		2MLB 015 100 S04	0.75R X 1.5	10	-	80	4	
2MLB 003 018 S03	0.15R X 0.3	1.8	-	45	3		2MLB 015 150 S03	0.75R X 1.5	10	15	80	3	
2MLB 003 020 S03	0.15R X 0.3	1	2	45	3		2MLB 015 150 S04	0.75R X 1.5	10	15	80	4	
2MLB 003 025 S03	0.15R X 0.3	1	2.5	45	3		2MLB 015 200 S03	0.75R X 1.5	10	20	80	3	
2MLB 003 030 S03	0.15R X 0.3	1	3	45	3		2MLB 015 200 S04	0.75R X 1.5	10	20	80	4	
2MLB 003 040 S03	0.15R X 0.3	1	4	45	3		2MLB 015 250 S03	0.75R X 1.5	10	25	80	3	
2MLB 004 012 S03	0.2R X 0.4	1.2	-	45	3		2MLB 015 250 S04	0.75R X 1.5	10	25	80	4	
2MLB 004 020 S03	0.2R X 0.4	2	-	45	3		2MLB 015 300 S03	0.75R X 1.5	10	30	80	3	
2MLB 004 030 S03	0.2R X 0.4	1.2	3	45	3		2MLB 015 300 S04	0.75R X 1.5	10	30	80	4	
2MLB 004 040 S03	0.2R X 0.4	1.2	4	45	3		2MLB 015 350 S04	0.75R X 1.5	10	35	100	4	
2MLB 004 050 S03	0.2R X 0.4	1.2	5	45	3		2MLB 015 400 S04	0.75R X 1.5	10	40	100	4	
2MLB 005 015 S03	0.25R X 0.5	1.5	-	50	3		2MLB 020 100 S03	1R X 2	10	-	80	3	
2MLB 005 020 S03	0.25R X 0.5	2	-	50	3		2MLB 020 100 S04	1R X 2	10	-	80	4	
2MLB 005 030 S03	0.25R X 0.5	1.5	3	50	3		2MLB 020 150 S03	1R X 2	10	15	80	3	
2MLB 005 040 S03	0.25R X 0.5	1.5	4	50	3		2MLB 020 150 S04	1R X 2	10	15	80	4	
2MLB 005 050 S03	0.25R X 0.5	1.5	5	50	3		2MLB 020 200 S03	1R X 2	10	20	80	3	
2MLB 005 060 S03	0.25R X 0.5	1.5	6	50	3		2MLB 020 200 S04	1R X 2	10	20	80	4	
2MLB 005 080 S03	0.25R X 0.5	1.5	8	50	3		2MLB 020 250 S03	1R X 2	10	25	80	3	
2MLB 005 100 S03	0.25R X 0.5	1.5	10	50	3		2MLB 020 250 S04	1R X 2	10	25	80	4	
2MLB 006 030 S03	0.3R X 0.6	3	-	50	3		2MLB 020 300 S03	1R X 2	10	30	80	3	
2MLB 006 060 S03	0.3R X 0.6	3	6	50	3		2MLB 020 300 S04	1R X 2	10	30	80	4	
2MLB 006 080 S03	0.3R X 0.6	3	8	50	3		2MLB 020 350 S03	1R X 2	10	35	80	3	
2MLB 006 100 S03	0.3R X 0.6	3	10	50	3		2MLB 020 350 S04	1R X 2	10	35	100	4	
2MLB 007 030 S03	0.35R X 0.7	3	-	50	3		2MLB 020 400 S03	1R X 2	10	40	80	3	
2MLB 007 070 S03	0.35R X 0.7	3	7	50	3		2MLB 020 400 S04	1R X 2	10	40	100	4	
2MLB 007 100 S03	0.35R X 0.7	3	10	50	3		2MLB 025 100 S03	1.25R X 2.5	10	-	80	3	
2MLB 007 120 S03	0.35R X 0.7	3	12	50	3		2MLB 025 150 S03	1.25R X 2.5	15	-	80	3	
2MLB 008 040 S03	0.4R X 0.8	4	-	50	3		2MLB 025 200 S03	1.25R X 2.5	15	20	80	3	
2MLB 008 080 S03	0.4R X 0.8	4	8	50	3		2MLB 030 100 060	1.5R X 3	10	-	60	3	
2MLB 008 100 S03	0.4R X 0.8	4	10	50	3		2MLB 030 200 080	1.5R X 3	20	-	80	3	
2MLB 008 120 S03	0.4R X 0.8	4	12	50	3		2MLB 030 200 100	1.5R X 3	20	-	100	3	
2MLB 009 040 S03	0.45R X 0.9	4	-	50	3		2MLB 030 200 120	1.5R X 3	20	-	120	3	
2MLB 009 060 S03	0.45R X 0.9	4	6	50	3		2MLB 030 150 S06	1.5R X 3	15	-	100	6	
2MLB 009 080 S03	0.45R X 0.9	4	8	50	3		2MLB 030 200 S06	1.5R X 3	15	20	100	6	
2MLB 009 100 S03	0.45R X 0.9	4	10	50	3		2MLB 030 250 S06	1.5R X 3	15	25	100	6	
2MLB 010 050 S03	0.5R X 1	5	-	80	3		2MLB 030 300 S06	1.5R X 3	15	30	100	6	
2MLB 010 050 S04	0.5R X 1	5	-	80	4		2MLB 030 400 S06	1.5R X 3	15	40	100	6	
2MLB 010 100 S03	0.5R X 1	5	10	80	3		2MLB 040 200 080	2R X 4	20	-	80	4	
2MLB 010 100 S04	0.5R X 1	5	10	80	4		2MLB 040 200 100	2R X 4	20	-	100	4	
2MLB 010 150 S03	0.5R X 1	5	15	80	3		2MLB 040 200 130	2R X 4	20	-	130	4	
2MLB 010 150 S04	0.5R X 1	5	15	80	4		2MLB 040 200 S06	2R X 4	20	-	100	6	
2MLB 010 200 S03	0.5R X 1	5	20	80	3		2MLB 040 250 S06	2R X 4	20	25	100	6	
2MLB 010 200 S04	0.5R X 1	5	20	80	4		2MLB 040 300 S06	2R X 4	20	30	100	6	
2MLB 010 250 S03	0.5R X 1	5	25	80	3		2MLB 040 400 S06	2R X 4	20	40	120	6	
2MLB 010 250 S04	0.5R X 1	5	25	80	4		2MLB 040 500 S06	2R X 4	20	50	120	6	
2MLB 010 300 S03	0.5R X 1	5	30	80	3		2MLB 050 300 100	2.5R X 5	30	-	100	5	

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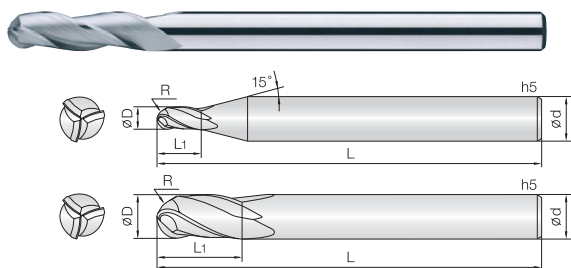
- **일반강, 아크릴, ABS, 목업, 알루미늄 등 비철, 비금속 피삭재 가공**
 - 균일한 런아웃 공차관리로 떨림을 최소화 하였습니다.
 - 날부인선의 조도가 뛰어나 피삭재의 면조도가 우수합니다.
 - 미립자 초경합금을 채택하여 내마모성이 좋습니다.
-
- **Endmills for Mild steel, Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
 - Minimize chattering by even run-out and tolerance control.
 - Very nice work surface finish.
 - Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
ø0.1 ~ 0.15	+0 ~ -0.005mm
ø0.2 ~ 5	+0 ~ -0.01mm
ø6 ~ 12	-0.005 ~ -0.015mm

단위 : mm

[illegible]



- **일반강, 아크릴, ABS, 목업, 알루미늄 등 비철,비금속 피삭재 가공**
- 균일한 런아웃 공차관리로 떨림을 최소화 하였습니다.
- 날부인선의 조도가 뛰어나 피삭재의 면조도가 우수합니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.

- Endmills for Mild steel, Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.

- Minimize chattering by even run-out and tolerance control.
- Very nice work surface finish.
- Excellent wear resistance by applying fine WC grade.

 $0.15R \sim 2R$

3R

370P

D Size	D Tolerance
ø0.3 ~ 4	+0 ~ -0.01mm
ø6	-0.005 ~ -0.015mm

단위 : mm

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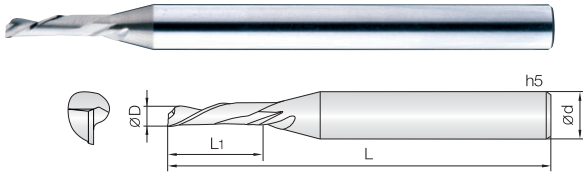


- **Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**

단위 : mm

New
New
New
New

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- **아크릴, ABS, 목업, 알루미늄 등 비철,비금속 피삭재 전용 엔드밀**
- 역 헬릭스 타입으로 칩 배출이 아래 방향으로 배출되어, 작업시 피삭재가 떠오르는 현상이 없습니다.
- 피삭재에 상면 버가 발생하지 않습니다.
- 피삭재의 정척이 불안정한 경우 적합합니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.

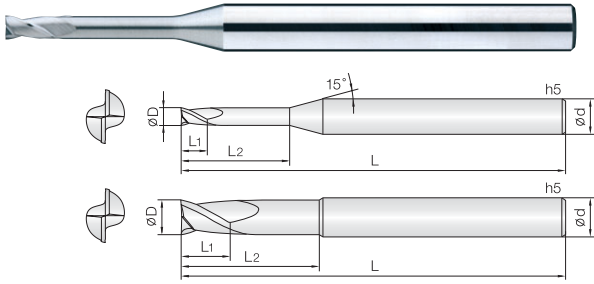
- **Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
- Downward chip direction by reverse helix design helps chip control.
- No burr in work materials.
- Optimum for unstable work clamping.
- Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
ø0.5 ~ 5	+0 ~ -0.01mm
ø6 ~ 12	-0.01 ~ -0.025mm

단위 : mm

[illegible]



- 아크릴, ABS, 목업, 알루미늄 등 비철, 비금속 피삭재 가공
- 짧은 날장 채택으로 떨림을 최소화 하였습니다
- 고속, 고이송 작업시 짧은 날장을 채택하여 공구의 강성이 우수합니다.
- 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.
- Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.
- Minimize chatter by short flute design.
- Excellent tool rigidity by short flute design at high speed, feed machining.
- Reinforced edge design for preventing edge chipping.
- Excellent wear resistance by applying fine WC grade.

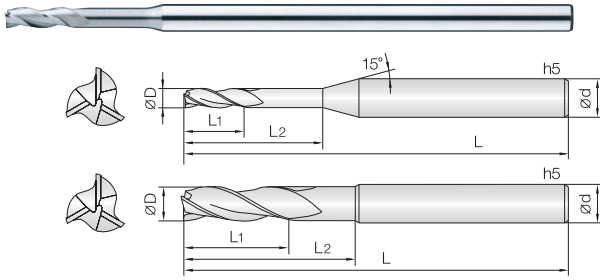


D Size	D Tolerance
Ø0.2 ~ 5	+0 ~ -0.01mm
Ø6	-0.01 ~ -0.025mm

단위 : mm

Order Number	날경 Diameter D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MRE 002 005 S04	0.2	0.3	0.5	40	4	
2MRE 002 010 S04	0.2	0.3	1	40	4	
2MRE 002 015 S04	0.2	0.3	1.5	40	4	
2MRE 002 020 S04	0.2	0.3	2	40	4	
2MRE 003 010 S04	0.3	0.45	1	40	4	
2MRE 003 020 S04	0.3	0.45	2	40	4	
2MRE 003 030 S04	0.3	0.45	3	40	4	
2MRE 003 050 S04	0.3	0.45	5	40	4	
2MRE 004 020 S04	0.4	0.6	2	40	4	
2MRE 004 030 S04	0.4	0.6	3	40	4	
2MRE 004 040 S04	0.4	0.6	4	40	4	
2MRE 004 050 S04	0.4	0.6	5	40	4	
2MRE 004 060 S04	0.4	0.6	6	40	4	
2MRE 005 020 S04	0.5	1	2	45	4	
2MRE 005 040 S04	0.5	1	4	45	4	
2MRE 005 060 S04	0.5	1	6	45	4	
2MRE 005 080 S04	0.5	1	8	45	4	
2MRE 005 100 S04	0.5	1	10	45	4	
2MRE 006 020 S04	0.6	1.2	2	45	4	
2MRE 006 040 S04	0.6	1.2	4	45	4	
2MRE 006 060 S04	0.6	1.2	6	45	4	
2MRE 006 080 S04	0.6	1.2	8	45	4	
2MRE 006 100 S04	0.6	1.2	10	45	4	
2MRE 007 040 S04	0.7	1.4	4	45	4	
2MRE 007 060 S04	0.7	1.4	6	45	4	
2MRE 007 080 S04	0.7	1.4	8	45	4	
2MRE 007 100 S04	0.7	1.4	10	45	4	
2MRE 008 040 S04	0.8	1.6	4	45	4	
2MRE 008 060 S04	0.8	1.6	6	45	4	
2MRE 008 080 S04	0.8	1.6	8	45	4	
2MRE 008 100 S04	0.8	1.6	10	45	4	
2MRE 008 120 S04	0.8	1.6	12	45	4	
2MRE 009 060 S04	0.9	1.8	6	45	4	
2MRE 009 100 S04	0.9	1.8	10	45	4	
2MRE 009 120 S04	0.9	1.8	12	45	4	
2MRE 010 060 S04	1	2	6	50	4	
2MRE 010 080 S04	1	2	8	50	4	
2MRE 010 100 S04	1	2	10	50	4	
2MRE 010 120 S04	1	2	12	50	4	
2MRE 010 160 S04	1	2	16	50	4	
2MRE 010 200 S04	1	2	20	60	4	
2MRE 010 250 S04	1	2	25	60	4	
2MRE 012 060 S04	1.2	2.4	6	50	4	
2MRE 012 080 S04	1.2	2.4	8	50	4	
2MRE 012 100 S04	1.2	2.4	10	50	4	
2MRE 012 120 S04	1.2	2.4	12	50	4	
2MRE 012 160 S04	1.2	2.4	16	50	4	
2MRE 014 060 S04	1.4	2.8	6	50	4	
2MRE 014 100 S04	1.4	2.8	10	50	4	
2MRE 014 160 S04	1.4	2.8	16	50	4	

Order Number	날경 Diameter D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MRE 015 060 S04	1.5	3	6	50	4	
2MRE 015 100 S04	1.5	3	10	50	4	
2MRE 015 140 S04	1.5	3	14	50	4	
2MRE 015 160 S04	1.5	3	16	50	4	
2MRE 015 200 S04	1.5	3	20	60	4	
2MRE 015 250 S04	1.5	3	25	60	4	
2MRE 015 300 S04	1.5	3	30	70	4	
2MRE 016 060 S04	1.6	3.2	6	50	4	
2MRE 020 080 S04	2	4	8	50	4	
2MRE 020 100 S04	2	4	10	50	4	
2MRE 020 120 S04	2	4	12	50	4	
2MRE 020 140 S04	2	4	14	50	4	
2MRE 020 160 S04	2	4	16	50	4	
2MRE 020 180 S04	2	4	18	50	4	
2MRE 020 200 S04	2	4	20	60	4	
2MRE 020 250 S04	2	4	25	60	4	
2MRE 020 300 S04	2	4	30	70	4	
2MRE 020 350 S04	2	4	35	80	4	
2MRE 020 400 S04	2	4	40	80	4	
2MRE 025 120 S04	2.5	5	12	60	4	
2MRE 025 200 S04	2.5	5	20	60	4	
2MRE 030 080 S06	3	6	8	70	6	
2MRE 030 120 S06	3	6	12	70	6	
2MRE 030 160 S06	3	6	16	70	6	
2MRE 030 200 S06	3	6	20	70	6	
2MRE 030 250 S06	3	6	25	70	6	
2MRE 030 300 S06	3	6	30	80	6	
2MRE 030 400 S06	3	6	40	90	6	
2MRE 030 450 S06	3	6	45	90	6	
2MRE 040 120 S06	4	8	12	70	6	
2MRE 040 160 S06	4	8	16	70	6	
2MRE 040 200 S06	4	8	20	70	6	
2MRE 040 250 S06	4	8	25	70	6	
2MRE 040 300 S06	4	8	30	70	6	
2MRE 040 350 S06	4	8	35	80	6	
2MRE 040 400 S06	4	8	40	80	6	
2MRE 040 500 S06	4	8	50	100	6	
2MRE 050 160 S06	5	10	16	80	6	
2MRE 050 250 S06	5	10	25	80	6	
2MRE 050 350 S06	5	10	35	80	6	
2MRE 060 250 S06	6	12	25	80	6	
2MRE 060 350 S06	6	12	35	80	6	
2MRE 060 500 S06	6	12	50	120	6	
2MRE 060 600 S06	6	12	60	120	6	



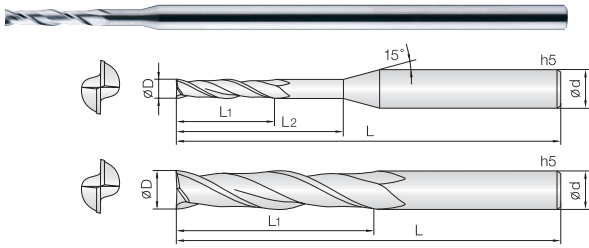
- **아크릴, ABS, 목업, 알루미늄 등 비철, 비금속 피삭재 가공**
 - 짧은 날장 채택으로 떨림을 최소화 하였습니다.
 - 고속, 고이송 작업시 짧은 날장을 채택하여 공구의 강성이 우수합니다.
 - 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
 - 미립자 초경합금을 채택하여 내마모성이 좋습니다.
-
- **Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
 - Minimize chattering by short flute design.
 - Excellent tool rigidity by short flute design at high speed, feed machining.
 - Reinforced edge design for preventing edge chipping.
 - Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
ø1 ~ 4	+0 ~ -0.01mm
ø6 ~ 12	-0.01 ~ -0.025mm
ø16	-0.015 ~ -0.03mm

단위 : mm

[illegible]



- 아크릴, ABS, 목업, 알루미늄 등 비철,비금속 피삭재 전용 엔드밀
- 균일한 런아웃 공차관리로 떨림을 최소화 하였습니다.
- 깊은 피삭재 가공시 긴 날장을 채택하여 가공이 용이하며, 칩배출이 좋습니다.
- 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
- 미립자 조경합금을 채택하여 내마모성이 좋습니다.
- Endmills for Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.
- Minimize chattering by even run-out and tolerance control.
- Long flute helps chip control in deep groove machining.
- Reinforced edge design for preventing edge chipping.
- Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
Ø0.2 ~ 5	+0 ~ -0.01mm
Ø6 ~ 12	-0.01 ~ -0.025mm
Ø16	-0.015 ~ -0.03mm

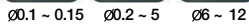
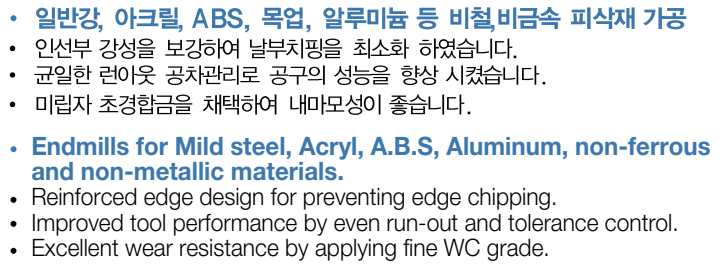
단위 : mm

Order Number	날경 Diameter D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MLE 002 010 S03	0.2	0.4	1	40	3	
2MLE 002 015 S03	0.2	0.4	1.5	40	3	
2MLE 002 020 S03	0.2	0.4	2	40	3	
2MLE 003 010 S03	0.3	1	-	45	3	
2MLE 003 015 S03	0.3	1	1.5	45	3	
2MLE 003 018 S03	0.3	1.8	-	45	3	
2MLE 003 020 S03	0.3	1	2	45	3	
2MLE 003 025 S03	0.3	1	2.5	45	3	
2MLE 003 030 S03	0.3	1	3	45	3	
2MLE 003 040 S03	0.3	1	4	45	3	
2MLE 004 012 S03	0.4	1.2	-	45	3	
2MLE 004 020 S03	0.4	2	-	45	3	
2MLE 004 030 S03	0.4	1.2	3	45	3	
2MLE 004 040 S03	0.4	1.2	4	45	3	
2MLE 004 050 S03	0.4	1.2	5	45	3	
2MLE 005 015 S03	0.5	1.5	-	50	3	
2MLE 005 020 S03	0.5	2	-	50	3	
2MLE 005 030 S03	0.5	1.5	3	50	3	
2MLE 005 040 S03	0.5	1.5	4	50	3	
2MLE 005 050 S03	0.5	1.5	5	50	3	
2MLE 005 060 S03	0.5	1.5	6	50	3	
2MLE 005 080 S03	0.5	1.5	8	50	3	
2MLE 005 100 S03	0.5	1.5	10	50	3	
2MLE 006 030 S03	0.6	3	-	50	3	
2MLE 006 060 S03	0.6	3	6	50	3	
2MLE 006 080 S03	0.6	3	8	50	3	
2MLE 006 100 S03	0.6	3	10	50	3	
2MLE 007 030 S03	0.7	3	-	50	3	
2MLE 007 070 S03	0.7	3	7	50	3	
2MLE 007 100 S03	0.7	3	10	50	3	
2MLE 007 120 S03	0.7	3	12	50	3	
2MLE 008 040 S03	0.8	4	-	50	3	
2MLE 008 080 S03	0.8	4	8	50	3	
2MLE 008 100 S03	0.8	4	10	50	3	
2MLE 008 120 S03	0.8	4	12	50	3	
2MLE 009 040 S03	0.9	4	-	50	3	
2MLE 009 060 S03	0.9	4	6	50	3	
2MLE 009 080 S03	0.9	4	8	50	3	
2MLE 009 100 S03	0.9	4	10	50	3	
2MLE 010 050 S03	1	5	-	80	3	
2MLE 010 050 S04	1	5	-	80	4	
2MLE 010 100 S03	1	5	10	80	3	
2MLE 010 100 S04	1	5	10	80	4	
2MLE 010 150 S03	1	5	15	80	3	
2MLE 010 150 S04	1	5	15	80	4	
2MLE 010 200 S03	1	5	20	80	3	
2MLE 010 200 S04	1	5	20	80	4	
2MLE 010 250 S03	1	5	25	80	3	
2MLE 010 250 S04	1	5	25	80	4	
2MLE 010 300 S03	1	5	30	80	3	

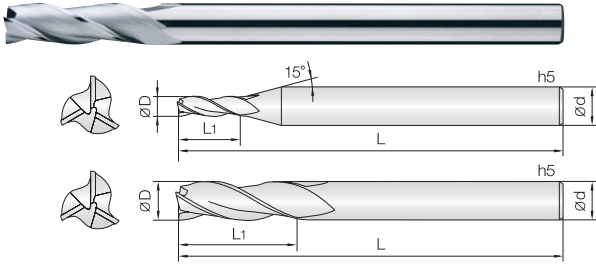
Order Number	날경 Diameter D	날장 Length of cut L1	유효장 Effective Length L2	전장 Overall Length L	샙크 Shank Dia d	비고
2MLE 010 300 S04	1	5	30	80	4	
2MLE 010 350 S04	1	5	35	100	4	
2MLE 010 400 S04	1	5	40	100	4	
2MLE 015 100 S03	1.5	10	-	80	3	
2MLE 015 100 S04	1.5	10	-	80	4	
2MLE 015 150 S03	1.5	10	15	80	3	
2MLE 015 150 S04	1.5	10	15	80	4	
2MLE 015 200 S03	1.5	10	20	80	3	
2MLE 015 200 S04	1.5	10	20	80	4	
2MLE 015 250 S03	1.5	10	25	80	3	
2MLE 015 250 S04	1.5	10	25	80	4	
2MLE 015 300 S03	1.5	10	30	80	3	
2MLE 015 300 S04	1.5	10	30	80	4	
2MLE 015 350 S04	1.5	10	35	100	4	
2MLE 015 400 S04	1.5	10	40	100	4	
2MLE 020 100 S03	2	10	-	80	3	
2MLE 020 100 S04	2	10	-	80	4	
2MLE 020 150 S03	2	10	15	80	3	
2MLE 020 150 S04	2	10	15	80	4	
2MLE 020 200 S03	2	10	20	80	3	
2MLE 020 200 S04	2	10	20	80	4	
2MLE 020 250 S03	2	10	25	80	3	
2MLE 020 250 S04	2	10	25	80	4	
2MLE 020 300 S03	2	10	30	80	3	
2MLE 020 300 S04	2	10	30	80	4	
2MLE 020 350 S03	2	10	35	80	3	
2MLE 020 350 S04	2	10	35	100	4	
2MLE 020 400 S03	2	10	40	80	3	
2MLE 020 400 S04	2	10	40	100	4	
2MLE 025 100 S03	2.5	10	-	80	3	
2MLE 025 150 S03	2.5	15	-	80	3	
2MLE 025 200 S03	2.5	15	20	80	3	
2MLE 030 100 060	3	10	-	60	3	
2MLE 030 200 080	3	20	-	80	3	
2MLE 030 200 100	3	20	-	100	3	
2MLE 030 200 120	3	20	-	120	3	
2MLE 030 150 S06	3	15	-	100	6	
2MLE 030 200 S06	3	15	20	100	6	
2MLE 030 250 S06	3	15	25	100	6	
2MLE 030 300 S06	3	15	30	100	6	
2MLE 040 200 080	4	20	-	80	4	
2MLE 040 200 100	4	20	-	100	4	
2MLE 040 200 130	4	20	-	130	4	
2MLE 040 200 S06	4	20	-	100	6	
2MLE 040 250 S06	4	20	25	100	6	
2MLE 040 300 S06	4	20	30	100	6	
2MLE 040 400 S06	4	20	40	120	6	
2MLE 050 200 S06	5	20	-	100	6	
2MLE 050 300 100	5	30	-	100	5	
2MLE 050 300 120	5	30	-	120	5	

단위 : mm

[illegible]

단위 : mm

FOR A.B.S.



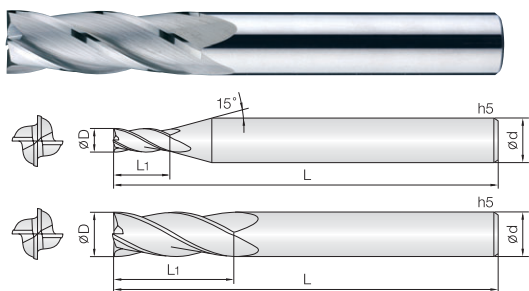
- **일반강, 아크릴, ABS, 목업, 알루미늄 등 비철,비금속 파삭재 가공**
- 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
- 짧은 날장 채택으로 떨림을 최소화 하였습니다.
- 미립자 초경합금을 채택하여 내마모성이 좋습니다.
- **Endmills for Mild steel, Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
- Reinforced edge design for preventing edge chipping.
- Minimize chattering by short flute design
- Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
ø0.3 ~ 4	+0 ~ -0.01mm
ø6	-0.01 ~ -0.025mm

단위 : mm

[illegible]



- **일반강, 아크릴, ABS, 목업, 알루미늄 등 비철비금속 피삭재 가공**
 - 인선부 강성을 보강하여 날부치핑을 최소화 하였습니다.
 - 균일한 런아웃 공차관리로 떨림을 최소화 하였습니다.
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- **Endmills for Mild steel, Acryl, A.B.S, Aluminum, non-ferrous and non-metallic materials.**
 - Reinforced edge design for preventing edge chipping.
 - Minimize chattering by even run-out and tolerance control.
 - Excellent wear resistance by applying fine WC grade.



D Size	D Tolerance
ø1 ~ 5	+0 ~ -0.01mm
ø6 ~ 12	-0.01 ~ -0.025mm

단위 : mm

[illegible]