



- 그래파이트(흑연), HRC48 이하의 고경도강, 프리하든강, 공구강, 주철등 다양한 피삭재 가공
- ALTiN 코팅을 적용하여 절삭저항이 적으며, 내마모성이 우수합니다.
- 긴날장으로 설계하여, 깊은 측벽가공이 많은 흑연가공에 가장 적합합니다.
- 미립자 초경합금을 채택하여 다양한 비철합금 및 목업의 피삭재 영역에 적용이 가능합니다.
- Endmill for various work materials, graphite, hardened steel (HRC~48), pre-hardened steel, tool steel and cast iron.
- Excellent performance with low cutting force by ALTiN coating.
- Long flute length optimized for deep-side wall machining of graphite.
- Applied fine WC grade optimized for various non-ferrous and non-metallic work materials.

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WC  
미립자

ALTiN  
Coating

R  
± 0.005

R  
± 0.01

R  
± 0.015

30°  
Helix Angle

CUTTING  
DATA

0.25 ~ 2.5R    3 ~ 6R    8 ~ 12.5R    453P

D Size	D Tolerance
Ø 0.5 ~ 5	+0 ~ -0.01mm
Ø 6 ~ 12	-0.005 ~ -0.015mm
Ø 16 ~ 25	-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
2GBE 005 020 S04	0.25R X 0.5	2	-	50	4		2GBE 050 250 S06	2.5R X 5	25	-	90	6	
2GBE 005 050 S04	0.25R X 0.5	2	5	50	4		2GBE 050 500 S06	2.5R X 5	25	50	110	6	
2GBE 010 050 S04	0.5R X 1	5	-	60	4		2GBE 060 250 110	3R X 6	25	-	110	6	
2GBE 010 050 S06	0.5R X 1	5	-	60	6		2GBE 060 300 150	3R X 6	30	-	150	6	
2GBE 010 100 S04	0.5R X 1	5	10	60	4		2GBE 060 300 200	3R X 6	30	-	200	6	
2GBE 010 100 S06	0.5R X 1	5	10	60	6		2GBE 060 300 220	3R X 6	30	-	220	6	
2GBE 010 150 S04	0.5R X 1	5	15	60	4		2GBE 080 350 110	4R X 8	35	-	110	8	
2GBE 010 200 S04	0.5R X 1	5	20	60	4		2GBE 080 400 150	4R X 8	40	-	150	8	
2GBE 010 250 S04	0.5R X 1	5	25	70	4		2GBE 080 400 200	4R X 8	40	-	200	8	
2GBE 010 300 S04	0.5R X 1	5	30	80	4		2GBE 080 400 220	4R X 8	40	-	220	8	
2GBE 010 350 S04	0.5R X 1	5	35	80	4		2GBE 100 400 120	5R X 10	40	-	120	10	
2GBE 010 400 S04	0.5R X 1	5	40	90	4		2GBE 100 450 150	5R X 10	45	-	150	10	
2GBE 015 080 S06	0.75R X 1.5	8	-	60	6		2GBE 100 450 200	5R X 10	45	-	200	10	
2GBE 015 100 S04	0.75R X 1.5	8	10	60	4		2GBE 100 450 230	5R X 10	45	-	230	10	
2GBE 015 150 S04	0.75R X 1.5	8	15	60	4		2GBE 120 500 130	6R X 12	50	-	130	12	
2GBE 015 150 S06	0.75R X 1.5	8	15	60	6		2GBE 120 500 150	6R X 12	50	-	150	12	
2GBE 015 200 S04	0.75R X 1.5	8	20	60	4		2GBE 120 550 200	6R X 12	55	-	200	12	
2GBE 015 250 S04	0.75R X 1.5	8	25	70	4		2GBE 120 550 250	6R X 12	55	-	250	12	
2GBE 015 300 S04	0.75R X 1.5	8	30	80	4		2GBE 160 600 160	8R X 16	60	-	160	16	
2GBE 015 350 S04	0.75R X 1.5	8	35	80	4		2GBE 160 650 200	8R X 16	65	-	200	16	
2GBE 015 400 S04	0.75R X 1.5	8	40	90	4		2GBE 160 650 250	8R X 16	65	-	250	16	
2GBE 020 100 S04	1R X 2	10	-	60	4		2GBE 160 700 320	8R X 16	70	-	320	16	
2GBE 020 100 S06	1R X 2	10	-	70	6		2GBE 200 700 160	10R X 20	70	-	160	20	
2GBE 020 150 S04	1R X 2	10	15	60	4		2GBE 200 750 200	10R X 20	75	-	200	20	
2GBE 020 200 S04	1R X 2	10	20	60	4		2GBE 200 750 250	10R X 20	75	-	250	20	
2GBE 020 200 S06	1R X 2	10	20	70	6		2GBE 200 900 320	10R X 20	90	-	320	20	
2GBE 020 250 S04	1R X 2	10	25	70	4		2GBE 250 1000 250	12.5R X 25	100	-	250	25	
2GBE 020 300 S04	1R X 2	10	30	80	4								
2GBE 020 350 S04	1R X 2	10	35	80	4								
2GBE 020 400 S04	1R X 2	10	40	90	4								
2GBE 020 500 S04	1R X 2	10	50	100	4								
2GBE 020 600 S04	1R X 2	10	60	100	4								
2GBE 025 200 S04	1.25R X 2.5	10	20	70	4								
2GBE 030 150 100	1.5R X 3	15	-	100	3								
2GBE 030 150 S06	1.5R X 3	15	-	70	6								
2GBE 030 200 S04	1.5R X 3	15	20	70	4								
2GBE 030 300 S04	1.5R X 3	15	30	80	4								
2GBE 030 300 S06	1.5R X 3	15	30	75	6								
2GBE 030 400 S04	1.5R X 3	15	40	90	4								
2GBE 030 400 S06	1.5R X 3	15	40	90	6								
2GBE 030 500 S04	1.5R X 3	15	50	100	4								
2GBE 030 600 S04	1.5R X 3	15	60	100	4								
2GBE 040 200 080	2R X 4	20	-	80	4								
2GBE 040 200 100	2R X 4	20	-	100	4								
2GBE 040 200 130	2R X 4	20	-	130	4								
2GBE 040 200 S06	2R X 4	20	-	75	6								
2GBE 040 350 S06	2R X 4	20	35	90	6								
2GBE 040 450 S06	2R X 4	20	45	100	6								
2GBE 050 250 100	2.5R X 5	25	-	100	5								
2GBE 050 250 130	2.5R X 5	25	-	130	5								

FOR GRAPHITE