



- 고정도강(HRC52~68), 프리하드강 계열의 고정밀가공 엔드밀
- 고품질 실리콘계 코팅(Si) 처리하여 내마모성이 우수합니다.
- 고정밀 공차 적용으로 초정밀 가공에 적합합니다.
- 날부인선의 조도가 뛰어나 피삭재의 면조도가 우수합니다.
- 초미립자 초경합금(0.2µm)을 채택, 고속절삭시 뛰어난 성능을 발휘합니다.
- Endmills for pre-hardened and hardened steel(HRC52~68)
- Good wear resistance by high quality Si-based PVD coating.
- High precise edge tolerance.
- Very nice work surface finish.
- Outstanding performance at high speed machining by ultra fine (0.2µm) WC grade.



D Size	D Tolerance
Ø0.1	+0 ~ -0.005mm
Ø0.2 ~ 5	+0 ~ -0.01mm
Ø6 ~ 12	-0.005 ~ -0.015mm

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
2JJRB 001 003 S04	0.05R X 0.1	0.3	-	40	4		2JJRB 006 020 S04	0.3R X 0.6	0.6	2	45	4	
2JJRB 001 005 S04	0.05R X 0.1	0.5	-	40	4		New 2JJRB 006 020 S06	0.3R X 0.6	0.6	2	50	6	
2JJRB 002 005 S04	0.1R X 0.2	0.2	0.5	40	4		2JJRB 006 030 S04	0.3R X 0.6	0.6	3	45	4	
2JJRB 002 010 S04	0.1R X 0.2	0.2	1	40	4		New 2JJRB 006 030 S06	0.3R X 0.6	0.6	3	50	6	
2JJRB 002 015 S04	0.1R X 0.2	0.2	1.5	40	4		2JJRB 006 040 S04	0.3R X 0.6	0.6	4	45	4	
2JJRB 002 020 S04	0.1R X 0.2	0.2	2	40	4		New 2JJRB 006 040 S06	0.3R X 0.6	0.6	4	50	6	
New 2JJRB 002 025 S04	0.1R X 0.2	0.2	2.5	40	4		2JJRB 006 050 S04	0.3R X 0.6	0.6	5	45	4	
New 2JJRB 002 030 S04	0.1R X 0.2	0.2	3	40	4		New 2JJRB 006 050 S06	0.3R X 0.6	0.6	5	50	6	
2JJRB 003 010 S04	0.15R X 0.3	0.3	1	40	4		2JJRB 006 060 S04	0.3R X 0.6	0.6	6	45	4	
2JJRB 003 015 S04	0.15R X 0.3	0.3	1.5	40	4		New 2JJRB 006 060 S06	0.3R X 0.6	0.6	6	50	6	
2JJRB 003 020 S04	0.15R X 0.3	0.3	2	40	4		2JJRB 006 080 S04	0.3R X 0.6	0.6	8	45	4	
New 2JJRB 003 025 S04	0.15R X 0.3	0.3	2.5	40	4		New 2JJRB 006 080 S06	0.3R X 0.6	0.6	8	50	6	
2JJRB 003 030 S04	0.15R X 0.3	0.3	3	40	4		2JJRB 006 100 S04	0.3R X 0.6	0.6	10	45	4	
New 2JJRB 003 035 S04	0.15R X 0.3	0.3	3.5	40	4		2JJRB 006 120 S04	0.3R X 0.6	0.6	12	45	4	
2JJRB 003 040 S04	0.15R X 0.3	0.3	4	40	4		2JJRB 006 140 S04	0.3R X 0.6	0.6	14	45	4	
New 2JJRB 003 050 S04	0.15R X 0.3	0.3	5	40	4		2JJRB 007 020 S04	0.35R X 0.7	0.7	2	45	4	
2JJRB 004 010 S04	0.2R X 0.4	0.4	1	40	4		2JJRB 007 040 S04	0.35R X 0.7	0.7	4	45	4	
New 2JJRB 004 015 S04	0.2R X 0.4	0.4	1.5	40	4		New 2JJRB 007 060 S04	0.35R X 0.7	0.7	6	45	4	
2JJRB 004 020 S04	0.2R X 0.4	0.4	2	40	4		2JJRB 007 080 S04	0.35R X 0.7	0.7	8	45	4	
New 2JJRB 004 025 S04	0.2R X 0.4	0.4	2.5	40	4		2JJRB 007 100 S04	0.35R X 0.7	0.7	10	45	4	
2JJRB 004 030 S04	0.2R X 0.4	0.4	3	40	4		2JJRB 007 120 S04	0.35R X 0.7	0.7	12	45	4	
New 2JJRB 004 035 S04	0.2R X 0.4	0.4	3.5	40	4		2JJRB 008 020 S04	0.4R X 0.8	0.8	2	45	4	
2JJRB 004 040 S04	0.2R X 0.4	0.4	4	40	4		New 2JJRB 008 020 S06	0.4R X 0.8	0.8	2	50	6	
New 2JJRB 004 045 S04	0.2R X 0.4	0.4	4.5	40	4		New 2JJRB 008 030 S04	0.4R X 0.8	0.8	3	45	4	
2JJRB 004 050 S04	0.2R X 0.4	0.4	5	40	4		New 2JJRB 008 030 S06	0.4R X 0.8	0.8	3	50	6	
2JJRB 004 060 S04	0.2R X 0.4	0.4	6	40	4		2JJRB 008 040 S04	0.4R X 0.8	0.8	4	45	4	
2JJRB 004 080 S04	0.2R X 0.4	0.4	8	40	4		New 2JJRB 008 040 S06	0.4R X 0.8	0.8	4	50	6	
2JJRB 005 010 S04	0.25R X 0.5	0.5	1	45	4		New 2JJRB 008 050 S04	0.4R X 0.8	0.8	5	45	4	
New 2JJRB 005 010 S06	0.25R X 0.5	0.5	1	50	6		New 2JJRB 008 050 S06	0.4R X 0.8	0.8	5	50	6	
New 2JJRB 005 015 S04	0.25R X 0.5	0.5	1.5	45	4		2JJRB 008 060 S04	0.4R X 0.8	0.8	6	45	4	
2JJRB 005 020 S04	0.25R X 0.5	0.5	2	45	4		New 2JJRB 008 060 S06	0.4R X 0.8	0.8	6	50	6	
2JJRB 005 020 S06	0.25R X 0.5	0.5	2	50	6		2JJRB 008 080 S04	0.4R X 0.8	0.8	8	45	4	
New 2JJRB 005 025 S04	0.25R X 0.5	0.5	2.5	45	4		New 2JJRB 008 080 S06	0.4R X 0.8	0.8	8	50	6	
2JJRB 005 030 S04	0.25R X 0.5	0.5	3	45	4		2JJRB 008 100 S04	0.4R X 0.8	0.8	10	45	4	
New 2JJRB 005 030 S06	0.25R X 0.5	0.5	3	50	6		2JJRB 008 120 S04	0.4R X 0.8	0.8	12	45	4	
New 2JJRB 005 035 S04	0.25R X 0.5	0.5	3.5	45	4		2JJRB 009 040 S04	0.45R X 0.9	0.9	4	45	4	
2JJRB 005 040 S04	0.25R X 0.5	0.5	4	45	4		New 2JJRB 009 060 S04	0.45R X 0.9	0.9	6	45	4	
New 2JJRB 005 040 S06	0.25R X 0.5	0.5	4	50	6		New 2JJRB 009 080 S04	0.45R X 0.9	0.9	8	45	4	
New 2JJRB 005 045 S04	0.25R X 0.5	0.5	4.5	45	4		New 2JJRB 009 100 S04	0.45R X 0.9	0.9	10	50	4	
2JJRB 005 050 S04	0.25R X 0.5	0.5	5	45	4		New 2JJRB 009 120 S04	0.45R X 0.9	0.9	12	50	4	
New 2JJRB 005 050 S06	0.25R X 0.5	0.5	5	50	6		2JJRB 010 020 S04	0.5R X 1	1	2	45	4	
2JJRB 005 060 S04	0.25R X 0.5	0.5	6	45	4		New 2JJRB 010 020 S06	0.5R X 1	1	2	50	6	
New 2JJRB 005 060 S06	0.25R X 0.5	0.5	6	50	6		2JJRB 010 030 S04	0.5R X 1	1	3	45	4	
2JJRB 005 080 S04	0.25R X 0.5	0.5	8	45	4		New 2JJRB 010 030 S06	0.5R X 1	1	3	50	6	
2JJRB 005 100 S04	0.25R X 0.5	0.5	10	45	4		2JJRB 010 040 S04	0.5R X 1	1	4	45	4	
2JJRB 005 120 S04	0.25R X 0.5	0.5	12	45	4		New 2JJRB 010 040 S06	0.5R X 1	1	4	50	6	
2JJRB 006 010 S04	0.3R X 0.6	0.6	1	45	4		2JJRB 010 050 S04	0.5R X 1	1	5	45	4	
New 2JJRB 006 010 S06	0.3R X 0.6	0.6	1	50	6		New 2JJRB 010 050 S06	0.5R X 1	1	5	50	6	