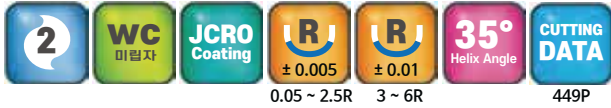


- 중저경도강 (HRC52이하), 프리하든강 계열, 탄소강, 금형강 등 다양한 피삭재 가공
- JCRO 코팅 처리하여 넓은 영역의 피삭재 가공에 적합합니다.
- 고정밀 공차 적용으로 초정밀 가공에 적합합니다.
- 항절력이 높은 미립자 초경합금 (0.5 μ m)을 채택, 엔드밀의 파손을 최소화 하였습니다.

• Endmills for various work materials (~HRC52), pre-hardened steels, carbon steels, mold steels

- Optimum for various work materials by JCRO coating.
- High precise edge tolerance.
- Minimize fracturing by high TRS fine (0.5 μ m) WC grade.



Condition	D Size	D Tolerance	Condition	D Size	D Tolerance
ØD ≠ Ød	Ø0.1	+0 ~ -0.005mm	ØD = Ød	Ø6 ~ 12	-0.005 ~ -0.015mm
	Ø0.2 ~ 12	+0 ~ -0.01mm			

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
2HRBG 001 003 S04	0.05R X 0.1	0.15	0.3	40	4		2HRBG 008 100 S04	0.4R X 0.8	0.9	10	45	4	
2HRBG 001 005 S04	0.05R X 0.1	0.15	0.5	40	4		2HRBG 008 120 S04	0.4R X 0.8	0.9	12	45	4	
2HRBG 002 005 S04	0.1R X 0.2	0.2	0.5	40	4		2HRBG 008 140 S04	0.4R X 0.8	0.9	14	45	4	
2HRBG 002 010 S04	0.1R X 0.2	0.2	1	40	4		2HRBG 008 160 S04	0.4R X 0.8	0.9	16	45	4	
2HRBG 002 015 S04	0.1R X 0.2	0.2	1.5	40	4		2HRBG 009 040 S04	0.45R X 0.9	1	4	45	4	
2HRBG 002 020 S04	0.1R X 0.2	0.2	2	40	4		2HRBG 010 020 S04	0.5R X 1	1.2	2	45	4	
2HRBG 003 010 S04	0.15R X 0.3	0.3	1	40	4		2HRBG 010 020 S06	0.5R X 1	1.2	2	45	6	
2HRBG 003 015 S04	0.15R X 0.3	0.3	1.5	40	4		2HRBG 010 030 S04	0.5R X 1	1.2	3	45	4	
2HRBG 003 020 S04	0.15R X 0.3	0.3	2	40	4		2HRBG 010 030 S06	0.5R X 1	1.2	3	45	6	
2HRBG 003 030 S04	0.15R X 0.3	0.3	3	40	4		2HRBG 010 040 S04	0.5R X 1	1.2	4	45	4	
2HRBG 003 040 S04	0.15R X 0.3	0.3	4	40	4		2HRBG 010 040 S06	0.5R X 1	1.2	4	45	6	
2HRBG 003 050 S04	0.15R X 0.3	0.3	5	40	4		2HRBG 010 050 S04	0.5R X 1	1.2	5	45	4	
2HRBG 004 010 S04	0.2R X 0.4	0.5	1	40	4		2HRBG 010 050 S06	0.5R X 1	1.2	5	45	6	
2HRBG 004 020 S04	0.2R X 0.4	0.5	2	40	4		2HRBG 010 060 S04	0.5R X 1	1.2	6	45	4	
2HRBG 004 030 S04	0.2R X 0.4	0.5	3	40	4		2HRBG 010 060 S06	0.5R X 1	1.2	6	45	6	
2HRBG 004040 S04	0.2R X 0.4	0.5	4	40	4		2HRBG 010 080 S04	0.5R X 1	1.2	8	45	4	
2HRBG 004 050 S04	0.2R X 0.4	0.5	5	40	4		2HRBG 010 080 S06	0.5R X 1	1.2	8	45	6	
2HRBG 004 060 S04	0.2R X 0.4	0.5	6	40	4		2HRBG 010 100 S04	0.5R X 1	1.2	10	50	4	
2HRBG 004 080 S04	0.2R X 0.4	0.5	8	40	4		2HRBG 010 100 S06	0.5R X 1	1.2	10	50	6	
2HRBG 004 100 S04	0.2R X 0.4	0.5	10	40	4		2HRBG 010 120 S04	0.5R X 1	1.2	12	50	4	
2HRBG 005 010 S04	0.25R X 0.5	0.6	1	45	4		2HRBG 010 120 S06	0.5R X 1	1.2	12	50	6	
2HRBG 005 020 S04	0.25R X 0.5	0.6	2	45	4		2HRBG 010 140 S04	0.5R X 1	1.2	14	50	4	
2HRBG 005 030 S04	0.25R X 0.5	0.6	3	45	4		2HRBG 010 140 S06	0.5R X 1	1.2	14	50	6	
2HRBG 005 040 S04	0.25R X 0.5	0.6	4	45	4		2HRBG 010 160 S04	0.5R X 1	1.2	16	50	4	
2HRBG 005 050 S04	0.25R X 0.5	0.6	5	45	4		2HRBG 010 160 S06	0.5R X 1	1.2	16	55	6	
2HRBG 005 060 S04	0.25R X 0.5	0.6	6	45	4		2HRBG 010 180 S04	0.5R X 1	1.2	18	50	4	
2HRBG 005 080 S04	0.25R X 0.5	0.6	8	45	4		2HRBG 010 180 S06	0.5R X 1	1.2	18	60	6	
2HRBG 005 100 S04	0.25R X 0.5	0.6	10	45	4		2HRBG 010 200 S04	0.5R X 1	1.2	20	50	4	
2HRBG 005 120 S04	0.25R X 0.5	0.6	12	45	4		2HRBG 010 200 S06	0.5R X 1	1.2	20	60	6	
2HRBG 005 140 S04	0.25R X 0.5	0.6	14	45	4		2HRBG 010 220 S04	0.5R X 1	1.2	22	60	4	
2HRBG 006 010 S04	0.3R X 0.6	0.7	1	45	4		2HRBG 010 220 S06	0.5R X 1	1.2	22	65	6	
2HRBG 006 020 S04	0.3R X 0.6	0.7	2	45	4		2HRBG 010 250 S04	0.5R X 1	1.2	25	60	4	
2HRBG 006 030 S04	0.3R X 0.6	0.7	3	45	4		2HRBG 012 040 S04	0.6R X 1.2	1.4	4	45	4	
2HRBG 006 040 S04	0.3R X 0.6	0.7	4	45	4		2HRBG 012 040 S06	0.6R X 1.2	1.4	4	45	6	
2HRBG 006 050 S04	0.3R X 0.6	0.7	5	45	4		2HRBG 012 060 S04	0.6R X 1.2	1.4	6	45	4	
2HRBG 006 060 S04	0.3R X 0.6	0.7	6	45	4		2HRBG 012 060 S06	0.6R X 1.2	1.4	6	45	6	
2HRBG 006 080 S04	0.3R X 0.6	0.7	8	45	4		2HRBG 012 080 S04	0.6R X 1.2	1.4	8	45	4	
2HRBG 006 100 S04	0.3R X 0.6	0.7	10	45	4		2HRBG 012 080 S06	0.6R X 1.2	1.4	8	45	6	
2HRBG 006 120 S04	0.3R X 0.6	0.7	12	45	4		2HRBG 012 100 S04	0.6R X 1.2	1.4	10	50	4	
2HRBG 006 140 S04	0.3R X 0.6	0.7	14	45	4		2HRBG 012 100 S06	0.6R X 1.2	1.4	10	50	6	
2HRBG 006 160 S04	0.3R X 0.6	0.7	16	45	4		2HRBG 012 120 S04	0.6R X 1.2	1.4	12	50	4	
2HRBG 007 020 S04	0.35R X 0.7	0.8	2	45	4		2HRBG 012 120 S06	0.6R X 1.2	1.4	12	50	6	
2HRBG 007 040 S04	0.35R X 0.7	0.8	4	45	4		2HRBG 012 160 S04	0.6R X 1.2	1.4	16	50	4	
2HRBG 007 080 S04	0.35R X 0.7	0.8	8	45	4		2HRBG 012 160 S06	0.6R X 1.2	1.4	16	55	6	
2HRBG 007 100 S04	0.35R X 0.7	0.8	10	45	4		2HRBG 012 200 S04	0.6R X 1.2	1.4	20	50	4	
2HRBG 007 120 S04	0.35R X 0.7	0.8	12	45	4		2HRBG 012 200 S06	0.6R X 1.2	1.4	20	60	6	
2HRBG 008 020 S04	0.4R X 0.8	0.9	2	45	4		2HRBG 012 240 S04	0.6R X 1.2	1.4	24	60	4	
2HRBG 008 040 S04	0.4R X 0.8	0.9	4	45	4		2HRBG 012 240 S06	0.6R X 1.2	1.4	24	65	6	
2HRBG 008 060 S04	0.4R X 0.8	0.9	6	45	4		2HRBG 014 060 S04	0.7R X 1.4	1.6	6	45	4	
2HRBG 008 080 S04	0.4R X 0.8	0.9	8	45	4		2HRBG 014 080 S04	0.7R X 1.4	1.6	8	45	4	