



- 동 및 동합금, 알루미늄 합금, 비철합금 가공용 엔드밀
- JCRO 코팅 처리하여 다양한 피삭재 가공시 인선부에 스트레스가 적으며, 피삭재의 면조도가 향상됩니다.
- 45° 헬릭스 형상과 깊은 포켓으로 설계하여 칩배출이 우수하며, 고속, 고이송 가공에 적합합니다.
- 항절력이 높은 미립자 초경합금(0.5µm)을 채택, 엔드밀의 파손을 최소화.

#### • Endmills for copper, copper alloys, non-ferrous and non-metallic materials

- JCRO coating provides wear resistance improvement as well as avoid edge stress in various applications.
- Minimize fracturing by high TRS fine(0.5µm) WC grade.
- High speed, feed applicable by 45° degree helix and deep chip pocket design

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WC  
미립자

JCRO  
Coating

R  
±0.005

R  
±0.01

R  
±0.015

45°  
Helix Angle

CUTTING  
DATA

Condition	D Size	D Tolerance	Condition	D Size	D Tolerance
ØD ≠ Ød	Ø0.5 ~ 16	+0 ~ -0.01mm	ØD = Ød	Ø6 ~ 12	-0.005 ~ -0.015mm
				Ø16	-0.01 ~ -0.02mm

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
2COB 005 010 S04	0.25R X 0.5	0.7	1	45	4		2COB 025 200 S06	1.25R X 2.5	4	20	60	6	
2COB 005 020 S04	0.25R X 0.5	0.7	2	45	4		2COB 030 080 S06	1.5R X 3	4.5	8	60	6	
2COB 005 030 S04	0.25R X 0.5	0.7	3	45	4		2COB 030 120 S06	1.5R X 3	4.5	12	60	6	
2COB 005 040 S04	0.25R X 0.5	0.7	4	45	4		2COB 030 160 S06	1.5R X 3	4.5	16	60	6	
2COB 005 050 S04	0.25R X 0.5	0.7	5	45	4		2COB 030 200 S06	1.5R X 3	4.5	20	60	6	
2COB 005 060 S04	0.25R X 0.5	0.7	6	45	4		2COB 030 250 S06	1.5R X 3	4.5	25	70	6	
2COB 006 020 S04	0.3R X 0.6	0.9	2	45	4		2COB 030 300 S06	1.5R X 3	4.5	30	70	6	
2COB 006 030 S04	0.3R X 0.6	0.9	3	45	4		2COB 030 400 S06	1.5R X 3	4.5	40	80	6	
2COB 006 040 S04	0.3R X 0.6	0.9	4	45	4		2COB 040 100 S06	2R X 4	6	10	60	6	
2COB 006 050 S04	0.3R X 0.6	0.9	5	45	4		2COB 040 160 S06	2R X 4	6	16	60	6	
2COB 006 060 S04	0.3R X 0.6	0.9	6	45	4		2COB 040 200 S06	2R X 4	6	20	60	6	
2COB 006 080 S04	0.3R X 0.6	0.9	8	45	4		2COB 040 250 S06	2R X 4	6	25	70	6	
2COB 006 100 S04	0.3R X 0.6	0.9	10	45	4		2COB 040 300 S06	2R X 4	6	30	70	6	
2COB 008 020 S04	0.4R X 0.8	1.2	2	45	4		2COB 040 400 S06	2R X 4	6	40	80	6	
2COB 008 030 S04	0.4R X 0.8	1.2	3	45	4		2COB 050 160 S06	2.5R X 5	8	16	80	6	
2COB 008 040 S04	0.4R X 0.8	1.2	4	45	4		2COB 050 200 S06	2.5R X 5	8	20	80	6	
2COB 008 060 S04	0.4R X 0.8	1.2	6	45	4		2COB 050 250 S06	2.5R X 5	8	25	80	6	
2COB 008 080 S04	0.4R X 0.8	1.2	8	45	4		2COB 060 150 S06	3R X 6	9	15	90	6	
2COB 008 100 S04	0.4R X 0.8	1.2	10	45	4		2COB 060 300 S06	3R X 6	9	30	90	6	
2COB 008 120 S04	0.4R X 0.8	1.2	12	45	4		2COB 060 400 S06	3R X 6	9	40	90	6	
2COB 010 030 S04	0.5R X 1	1.5	3	50	4		2COB 080 200 S08	4R X 8	12	20	100	8	
2COB 010 050 S04	0.5R X 1	1.5	5	50	4		2COB 100 250 S10	5R X 10	15	25	100	10	
2COB 010 080 S04	0.5R X 1	1.5	8	50	4		2COB 120 300 S12	6R X 12	18	30	110	12	
2COB 010 100 S04	0.5R X 1	1.5	10	50	4		2COB 160 600 S16	8R X 16	30	60	160	16	
2COB 010 120 S04	0.5R X 1	1.5	12	50	4								
2COB 010 160 S04	0.5R X 1	1.5	16	50	4								
2COB 010 200 S04	0.5R X 1	1.5	20	50	4								
2COB 012 030 S04	0.6R X 1.2	1.8	3	50	4								
2COB 012 040 S04	0.6R X 1.2	1.8	4	50	4								
2COB 012 060 S04	0.6R X 1.2	1.8	6	50	4								
2COB 012 080 S04	0.6R X 1.2	1.8	8	50	4								
2COB 012 100 S04	0.6R X 1.2	1.8	10	50	4								
2COB 012 120 S04	0.6R X 1.2	1.8	12	50	4								
2COB 015 050 S04	0.75R X 1.5	2	5	50	4								
2COB 015 080 S04	0.75R X 1.5	2	8	50	4								
2COB 015 100 S04	0.75R X 1.5	2	10	50	4								
2COB 015 120 S04	0.75R X 1.5	2	12	50	4								
2COB 015 160 S04	0.75R X 1.5	2	16	50	4								
2COB 015 200 S04	0.75R X 1.5	2	20	50	4								
2COB 020 050 S06	1R X 2	3	5	50	6								
2COB 020 080 S06	1R X 2	3	8	50	6								
2COB 020 100 S06	1R X 2	3	10	50	6								
2COB 020 120 S06	1R X 2	3	12	60	6								
2COB 020 160 S06	1R X 2	3	16	60	6								
2COB 020 200 S06	1R X 2	3	20	60	6								
2COB 020 250 S06	1R X 2	3	25	65	6								
2COB 025 060 S06	1.25R X 2.5	4	6	50	6								
2COB 025 100 S06	1.25R X 2.5	4	10	50	6								
2COB 025 120 S06	1.25R X 2.5	4	12	60	6								
2COB 025 160 S06	1.25R X 2.5	4	16	60	6								

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