



- 합금강, SUS계열, Ti/Ni계 합금, 인코넬 등 난삭재 가공 엔드밀
- JCRO 코팅 처리하여 다양한 피삭재 가공시 인선부에 스트레스가 적으며, 내마모성 또한 향상됩니다.
- 강력한 채터링방지 설계로 엔드밀의 진동을 최소화하였습니다.
- 코너R부 적용으로 밑날 치핑을 방지 하였습니다.
- 항절력이 높은 미립자 초경합금을 채택하여, 고이송 작업시 엔드밀의 파손을 최소화.
- Endmills for alloy steel, SUS, Ti/Ni base alloy, Inconel and hard-to-cut materials.
- JCRO coating provides wear resistance improvement as well as avoid edge stress in various applications.
- Strong design for protection against chattering..
- Preventing bottom edge chipping by corner R.
- Minimize fracturing at high feed by high TRS fine WC grade.

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WC
미립자

JCRO
Coating

R
± 0.005

R
± 0.01

R
± 0.015

42°
Helix Angle

CUTTING
DATA

R0.1 ~ 0.5 R1 ~ 1.5 R2 ~ 3 464P

D Size	D Tolerance
ø 1 ~ 5	+0 ~ -0.01mm
ø 6 ~ 12	-0.005 ~ -0.015mm
ø 16 ~ 20	-0.01 ~ -0.02mm

단위 : mm

Order Number	날경 Diameter D×R	날장 Length of cut L1	전장 Overall Length L	샙크 Shank Dia d	비고
4SUC 010 001 S04	1 X R0.1	2.5	50	4	
4SUC 010 002 S04	1 X R0.2	2.5	50	4	
4SUC 012 001 S04	1.2 X R0.1	3	50	4	
4SUC 012 002 S04	1.2 X R0.2	3	50	4	
4SUC 015 001 S04	1.5 X R0.1	4	50	4	
4SUC 015 002 S04	1.5 X R0.2	4	50	4	
4SUC 015 003 S04	1.5 X R0.3	4	50	4	
4SUC 020 001 S04	2 X R0.1	6	50	4	
4SUC 020 002 S04	2 X R0.2	6	50	4	
4SUC 020 003 S04	2 X R0.3	6	50	4	
4SUC 020 005 S04	2 X R0.5	6	50	4	
4SUC 025 001 S04	2.5 X R0.1	7	50	4	
4SUC 025 002 S04	2.5 X R0.2	7	50	4	
4SUC 025 003 S04	2.5 X R0.3	7	50	4	
4SUC 030 001 S06	3 X R0.1	10	60	6	
4SUC 030 002 055	3 X R0.2	6	55	6	
4SUC 030 002 S06	3 X R0.2	10	60	6	
4SUC 030 003 S06	3 X R0.3	10	60	6	
4SUC 030 005 055	3 X R0.5	6	55	6	
4SUC 030 005 S06	3 X R0.5	10	60	6	
4SUC 035 002 S06	3.5 X R0.2	10	60	6	
4SUC 040 001 S06	4 X R0.1	12	60	6	
4SUC 040 002 055	4 X R0.2	8	55	6	
4SUC 040 002 S06	4 X R0.2	12	60	6	
4SUC 040 003 S06	4 X R0.3	12	60	6	
4SUC 040 005 055	4 X R0.5	8	55	6	
4SUC 040 005 S06	4 X R0.5	12	60	6	
4SUC 040 010 S06	4 X R1	12	60	6	
4SUC 045 002 S06	4.5 X R0.2	14	60	6	
4SUC 050 002 055	5 X R0.2	10	55	6	
4SUC 050 002 S06	5 X R0.2	15	60	6	
4SUC 050 003 S06	5 X R0.3	15	60	6	
4SUC 050 005 055	5 X R0.5	10	55	6	
4SUC 050 005 S06	5 X R0.5	15	60	6	
4SUC 050 010 S06	5 X R1	15	60	6	
4SUC 055 002 S06	5.5 X R0.2	15	60	6	
4SUC 060 003 055	6 X R0.3	12	55	6	
4SUC 060 003 S06	6 X R0.3	15	60	6	
4SUC 060 005 055	6 X R0.5	12	55	6	
4SUC 060 005 S06	6 X R0.5	15	60	6	
4SUC 060 010 055	6 X R1	12	55	6	
4SUC 060 010 S06	6 X R1	15	60	6	
4SUC 060 015 S06	6 X R1.5	15	60	6	
4SUC 065 003 S08	6.5 X R0.3	18	60	8	
4SUC 070 003 S08	7 X R0.3	20	80	8	
4SUC 070 005 S08	7 X R0.5	20	80	8	
4SUC 007 010 S08	7 X R1	20	80	8	
4SUC 080 003 070	8 X R0.3	16	70	8	
4SUC 080 003 S08	8 X R0.3	20	80	8	
4SUC 080 005 070	8 X R0.5	16	70	8	

Order Number	날경 Diameter D×R	날장 Length of cut L1	전장 Overall Length L	샙크 Shank Dia d	비고
4SUC 080 005 S08	8 X R0.5	20	80	8	
4SUC 080 010 070	8 X R1	16	70	8	
4SUC 080 010 S08	8 X R1	20	80	8	
4SUC 080 015 S08	8 X R1.5	20	80	8	
4SUC 080 020 S08	8 X R2	20	80	8	
4SUC 085 003 S10	8.5 X R0.3	22	80	10	
4SUC 090 003 S10	9 X R0.3	25	80	10	
4SUC 100 003 070	10 X R0.3	20	70	10	
4SUC 100 003 S10	10 X R0.3	25	80	10	
4SUC 100 005 070	10 X R0.5	20	70	10	
4SUC 100 005 S10	10 X R0.5	25	80	10	
4SUC 100 010 070	10 X R1	20	70	10	
4SUC 100 010 S10	10 X R1	25	80	10	
4SUC 100 015 070	10 X R1.5	20	70	10	
4SUC 100 015 S10	10 X R1.5	25	80	10	
4SUC 100 020 070	10 X R2	20	70	10	
4SUC 100 020 S10	10 X R2	25	80	10	
4SUC 100 025 070	10 X R2.5	20	70	10	
4SUC 100 025 S10	10 X R2.5	25	80	10	
4SUC 100 030 070	10 X R3	20	70	10	
4SUC 100 030 S10	10 X R3	25	80	10	
4SUC 110 005 S12	11 X R0.5	27	90	12	
4SUC 110 010 S12	11 X R1	27	90	12	
4SUC 120 003 080	12 X R0.3	24	80	12	
4SUC 120 003 S12	12 X R0.3	30	100	12	
4SUC 120 005 080	12 X R0.5	24	80	12	
4SUC 120 005 S12	12 X R0.5	30	100	12	
4SUC 120 010 080	12 X R1	24	80	12	
4SUC 120 010 S12	12 X R1	30	100	12	
4SUC 120 015 080	12 X R1.5	24	80	12	
4SUC 120 015 S12	12 X R1.5	30	100	12	
4SUC 120 020 080	12 X R2	24	80	12	
4SUC 120 020 S12	12 X R2	30	100	12	
4SUC 120 025 S12	12 X R2.5	30	100	12	
4SUC 120 030 080	12 X R3	24	80	12	
4SUC 120 030 S12	12 X R3	30	100	12	
4SUC 140 005 S14	14 X R0.5	35	100	14	
4SUC 140 010 S14	14 X R1	35	100	14	
4SUC 160 005 100	16 X R0.5	32	100	16	
4SUC 160 005 S16	16 X R0.5	42	110	16	
4SUC 160 010 100	16 X R1	32	100	16	
4SUC 160 010 S16	16 X R1	42	110	16	
4SUC 180 005 S18	18 X R0.5	45	110	18	
4SUC 180 010 S18	18 X R1	45	110	18	
4SUC 200 005 S20	20 X R0.5	48	110	20	
4SUC 200 010 S20	20 X R1	48	110	20	