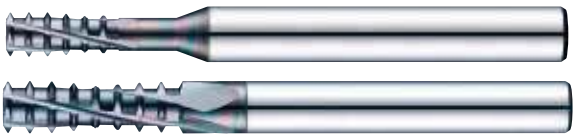
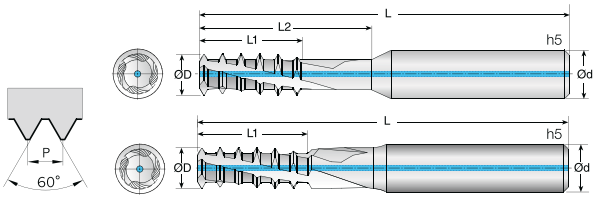
4NKTMA

4 Flutes Helix Nick Type Thread Mills for Aluminum

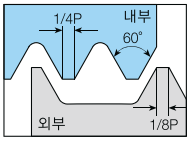
4날 알루미늄 전용 헬릭스 니크 타입 쓰레드밀





- **알루미늄, 알루미늄 합금 등 비철 비금속 가공**
- 높은 절삭 속도와 날 당 높은 이송이 가능합니다.
- 최대 나사가공 깊이 : 2xD, 2.5xD, 3xD(나사가공 직경)
- 더 깊은 나사가공을 위한 헬리컬 리브 타입을 채용하였습니다.
- 헬리코일 나사 가공이 가능합니다.
- 오른나사 및 왼나사 작업이 모두 가능합니다.

- **Thread mills for Aluminum, Aluminum alloys, non-ferrous, and non-metallic materials**
- High spindle speed and feed per tooth are available.
- Maximum drilling depth : 2xD, 2.5xD, 3xD(threading diameter)
- Rib type helical design is applied for deep threading.
- It can be used for heli coil threading.
- Both right and left threading are available.



4 | UWC 초미립자 | RTAC Coating | 15° Helix Angle | R Rotation | CUTTING DATA

521P

ISO 측정항목

단위 Unit: mm

Order Number	피치 규격 Thread	Pitch	날수 Flutes Z	날경 Diameter D	나사부길이 Thread Length L1	유효장 Effective Length L2	전장 Overall Length L	생크 Shank Dia d
외부 급유형 (Without coolant)								
4NKTMA 022 060 S06 M3	M3	0.5	4	2.2	6	-	60	6
4NKTMA 022 080 S06 M3	M3	0.5	4	2.2	8	-	60	6
4NKTMA 024 090 S04 M3	M3	0.5	4	2.4	5.47	9	45	4
4NKTMA 029 084 S06 M4	M4	0.7	4	2.9	8.4	-	60	6
4NKTMA 029 112 S06 M4	M4	0.7	4	2.9	11.2	-	60	6
4NKTMA 0315 120 S04 M4	M4	0.7	4	3.15	7.64	12	45	4
4NKTMA 038 112 S06 M5	M5	0.8	4	3.8	11.2	-	60	6
4NKTMA 038 128 S06 M5	M5	0.8	4	3.8	12.8	-	60	6
4NKTMA 039 150 S04 M5	M5	0.8	4	3.9	8.73	15	50	4
4NKTMA 045 120 S06 M6	M6	1	4	4.5	12	-	60	6
4NKTMA 045 160 S06 M6	M6	1	4	4.5	16	-	60	6
4NKTMA 048 180 S06 M6	M6	1	4	4.8	10.9	18	60	6
4NKTMA 060 175 S06 M8	M8	1.25	4	6	17.5	-	65	6
4NKTMA 060 200 S06 M8	M8	1.25	4	6	20	-	65	6
4NKTMA 065 240 S08 M8	M8	1.25	4	6.5	13.62	24	65	8
4NKTMA 075 210 S08 M10	M10	1.5	4	7.5	21	-	75	8
4NKTMA 075 270 S08 M10	M10	1.5	4	7.5	27	-	75	8
4NKTMA 082 300 S10 M10	M10	1.5	4	8.2	16.34	30	75	10
4NKTMA 095 245 S10 M12	M12	1.75	4	9.5	24.5	-	80	10
4NKTMA 095 315 S10 M12	M12	1.75	4	9.5	31.5	-	80	10
4NKTMA 099 360 S10 M12	M12	1.75	4	9.9	19.06	36	85	10
4NKTMA 100 280 S10 M14	M14	2	4	10	28	-	85	10
4NKTMA 100 360 S10 M14	M14	2	4	10	36	-	90	10
4NKTMA 116 420 S12 M14	M14	2	4	11.6	21.75	42	90	12
4NKTMA 120 320 S12 M16	M16	2	4	12	32	-	95	12
4NKTMA 120 400 S12 M16	M16	2	4	12	40	-	100	12
4NKTMA 136 480 S14 M16	M16	2	4	13.6	25.75	48	100	14
4NKTMA 140 400 S14 M18	M18	2.5	4	14	40	-	95	14
4NKTMA 140 450 S14 M18	M18	2.5	4	14	45	-	105	14
4NKTMA 160 400 S16 M20	M20	2.5	4	16	40	-	105	16
4NKTMA 160 500 S16 M20	M20	2.5	4	16	50	-	115	16

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내부 급유형 (With coolant)								
4NKTMA 045 120 S06 M6C	M6	1	4	4.5	12	-	60	6
4NKTMA 045 160 S06 M6C	M6	1	4	4.5	16	-	60	6
4NKTMA 048 180 S06 M6C	M6	1	4	4.8	10.9	18	60	6
4NKTMA 060 175 S06 M8C	M8	1.25	4	6	17.5	-	65	6
4NKTMA 060 200 S06 M8C	M8	1.25	4	6	20	-	65	6
4NKTMA 065 240 S08 M8C	M8	1.25	4	6.5	13.62	24	65	8
4NKTMA 075 210 S08 M10C	M10	1.5	4	7.5	21	-	75	8
4NKTMA 075 270 S08 M10C	M10	1.5	4	7.5	27	-	75	8
4NKTMA 082 300 S10 M10C	M10	1.5	4	8.2	16.34	30	75	10
4NKTMA 095 245 S10 M12C	M12	1.75	4	9.5	24.5	-	80	10
4NKTMA 095 315 S10 M12C	M12	1.75	4	9.5	31.5	-	80	10
4NKTMA 099 360 S10 M12C	M12	1.75	4	9.9	19.06	36	85	10
4NKTMA 100 280 S10 M14C	M14	2	4	10	28	-	85	10
4NKTMA 100 360 S10 M14C	M14	2	4	10	36	-	90	10
4NKTMA 116 420 S12 M14C	M14	2	4	11.6	21.75	42	90	12
4NKTMA 120 320 S12 M16C	M16	2	4	12	32	-	95	12
4NKTMA 120 400 S12 M16C	M16	2	4	12	40	-	100	12
4NKTMA 136 480 S14 M16C	M16	2	4	13.6	25.75	48	100	14
4NKTMA 140 400 S14 M18C	M18	2.5	4	14	40	-	95	14
4NKTMA 140 450 S14 M18C	M18	2.5	4	14	45	-	105	14
4NKTMA 160 400 S16 M20C	M20	2.5	4	16	40	-	105	16
4NKTMA 160 500 S16 M20C	M20	2.5	4	16	50	-	115	16