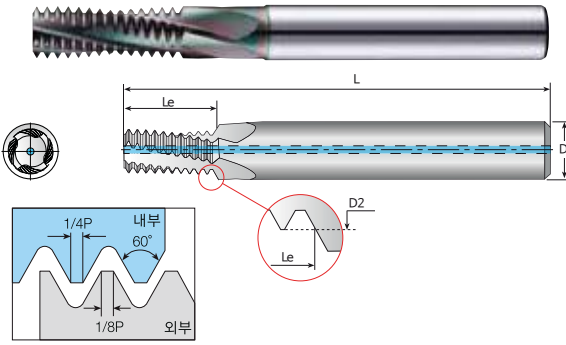


# 4LTMA

4 Flutes Helix Long Thread Mills For Aluminum

## 4날 알루미늄용 헬릭스 긴 길이 쓰레드밀



- 규격 정의 : R262 (DN 13)
- 공차 등급 : 6H



98P

ISO 측정항목

단위 Unit: mm

Order Number	나사 가능 규격 Thread	피치 규격 Pitch	날수 Flutes Z	날경 Diameter D	나사부 길이 Thread Length L1	전장 Overall Length L	샙크 Shank Dia d
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외부 급유형 (Without coolant)

4LTMA 022 060 S06 M3	M3	0.5	4	2.2	6	60	6
4LTMA 022 075 S06 M3	M3	0.5	4	2.2	7.5	60	6
4LTMA 029 084 S06 M4	M4	0.7	4	2.9	8.4	60	6
4LTMA 029 105 S06 M4	M4	0.7	4	2.9	10.5	60	6
4LTMA 038 104 S06 M5	M5	0.8	4	3.8	10.4	60	6
4LTMA 038 128 S06 M5	M5	0.8	4	3.8	12.8	60	6
4LTMA 045 120 S06 M6	M6	1	4	4.5	12	60	6
4LTMA 045 150 S06 M6	M6	1	4	4.5	15	60	6
4LTMA 060 1625 S06 M8	M8	1.25	4	6	16.25	65	6
4LTMA 060 200 S06 M8	M8	1.25	4	6	20	65	6
4LTMA 075 210 S08 M10	M10	1.5	4	7.5	21	75	8
4LTMA 075 255 S08 M10	M10	1.5	4	7.5	25.5	80	8
4LTMA 095 245 S10 M12	M12	1.75	4	9.5	24.5	85	10
4LTMA 095 315 S10 M12	M12	1.75	4	9.5	31.5	85	10
4LTMA 100 280 S10 M14	M14	2	4	10	28	90	10
4LTMA 100 360 S10 M14	M14	2	4	10	36	95	10
4LTMA 120 320 S12 M16	M16	2	4	12	32	100	12
4LTMA 120 400 S12 M16	M16	2	4	12	40	105	12
4LTMA 140 375 S14 M18	M18	2.5	4	14	37.5	100	14
4LTMA 140 450 S14 M18	M18	2.5	4	14	45	110	14
4LTMA 160 400 S16 M20	M20	2.5	4	16	40	110	16
4LTMA 160 500 S16 M20	M20	2.5	4	16	50	120	16

내부 급유형 (With coolant)

4LTMA 045 120 S06 M6C	M6	1	4	4.5	12	60	6
4LTMA 045 150 S06 M6C	M6	1	4	4.5	15	60	6
4LTMA 060 1625 S06 M8C	M8	1.25	4	6	16.25	65	6
4LTMA 060 200 S06 M8C	M8	1.25	4	6	20	65	6
4LTMA 075 210 S08 M10C	M10	1.5	4	7.5	21	75	8
4LTMA 075 255 S08 M10C	M10	1.5	4	7.5	25.5	80	8
4LTMA 095 245 S10 M12C	M12	1.75	4	9.5	24.5	85	10
4LTMA 095 315 S10 M12C	M12	1.75	4	9.5	31.5	85	10
4LTMA 100 280 S10 M14C	M14	2	4	10	28	90	10
4LTMA 100 360 S10 M14C	M14	2	4	10	36	95	10
4LTMA 120 320 S12 M16C	M16	2	4	12	32	100	12
4LTMA 120 400 S12 M16C	M16	2	4	12	40	105	12
4LTMA 140 375 S14 M18C	M18	2.5	4	14	37.5	100	14
4LTMA 140 450 S14 M18C	M18	2.5	4	14	45	110	14
4LTMA 160 400 S16 M20C	M20	2.5	4	16	40	110	16
4LTMA 160 500 S16 M20C	M20	2.5	4	16	50	120	16

#### American UN

단위 Unit: mm

Order Number	나사 가능 규격 Thread			피치규격 Pitch (TPI)	날수 Flutes Z	산수 Teeth Zt	날경 Diameter D	나사부 길이 Thread Length L1	전장 Overall Length L	샙크 Shank Dia d
	UNC	UNF	UNEF							
<b>New</b> 4LTMA 0165 045 S04	No.2	No.2		56	4	10	1.65	4.5	45	4
<b>New</b> 4LTMA 0165 054 S04	No.2	No.2		56	4	12	1.65	5.4	45	4
<b>New</b> 4LTMA 019 053 S04	No.3	No.3		48	4	10	1.9	5.3	45	4
<b>New</b> 4LTMA 019 063 S04	No.3	No.3		48	4	12	1.9	6.3	45	4
4LTMA 021 060 S04	No.4, No.5	No.6		40	4	9	2.1	6	45	4
4LTMA 021 079 S04	No.4, No.5	No.6		40	4	12	2.1	7.9	45	4
4LTMA 0255 075 S04	No.6, No.8	No.10	No.12	32	4	9	2.55	7.5	45	4
4LTMA 0255 099 S04	No.6, No.8	No.10	No.12	32	4	12	2.55	9.9	45	4
4LTMA 033 088 S04		No.8		36	4	12	3.3	8.8	45	4
4LTMA 033 109 S04		No.8		36	4	15	3.3	10.9	45	4
4LTMA 0358 099 S04	No.10, No.12	5/16"		24	4	9	3.58	9.9	45	4
4LTMA 0358 131 S04	No.10, No.12	5/16"		24	4	12	3.58	13.1	45	4
4LTMA 038 099 S04		No.10	No.12, 5/16"	32	4	12	3.8	9.9	45	4
4LTMA 038 130 S04		No.10	No.12, 5/16"	32	4	16	3.8	13	50	4
4LTMA 0415 110 S06	No.12	5/16", 3/8"		24	4	10	4.15	11	60	6
4LTMA 0415 152 S06	No.12	5/16", 3/8"		24	4	14	4.15	15.2	60	6
4LTMA 043 112 S06		No.12, 1/4"	7/16"	28	4	12	4.3	11.2	60	6
4LTMA 043 149 S06		No.12, 1/4"	7/16"	28	4	16	4.3	14.9	60	6
4LTMA 044 114 S06			No.12, 1/4", 5/16"	32	4	14	4.4	11.4	60	6
4LTMA 044 154 S06			No.12, 1/4", 5/16"	32	4	19	4.4	15.4	60	6
4LTMA 0488 132 S06	1/4"	7/16", 1/2"		20	4	10	4.88	13.2	60	6
4LTMA 0488 170 S06	1/4"	7/16", 1/2"		20	4	13	4.88	17	60	6
4LTMA 0515 131 S06		1/4"	7/16", 1/2"	28	4	14	5.15	13.1	60	6
4LTMA 0515 167 S06		1/4"	7/16", 1/2"	28	4	18	5.15	16.7	60	6
4LTMA 0615 160 S08	5/16"	9/16", 5/8"		18	4	11	6.15	16	65	8
4LTMA 0615 217 S08	5/16"	9/16", 5/8"		18	4	15	6.15	21.7	75	8
4LTMA 0668 163 S08		5/16", 3/8"	9/16"	24	4	15	6.68	16.3	65	8
4LTMA 0668 205 S08		5/16", 3/8"	9/16"	24	4	19	6.68	20.5	75	8
4LTMA 0765 196 S08	3/8"	3/4"		16	4	12	7.65	19.6	65	8
4LTMA 0765 244 S08	3/8"	3/4"		16	4	15	7.65	24.4	75	8
4LTMA 082 195 S10		3/8"	9/16", 5/8"	24	4	18	8.2	19.5	80	10
4LTMA 082 247 S10		3/8"	9/16", 5/8"	24	4	23	8.2	24.7	80	10
4LTMA 090 224 S10	7/16"	7/8"		14	4	12	9	22.4	75	10
4LTMA 090 297 S10	7/16"	7/8"		14	4	16	9	29.7	80	10
4LTMA 096 221 S10		7/16", 1/2"	3/4"	20	4	17	9.6	22.1	75	10
4LTMA 096 284 S10		7/16", 1/2"	3/4"	20	4	22	9.6	28.4	80	10
4LTMA 099 221 S10			7/16", 1/2"	28	4	24	9.9	22.1	75	10
4LTMA 099 285 S10			7/16", 1/2"	28	4	31	9.9	28.5	80	10
4LTMA 1035 261 S12	1/2"			13	4	13	10.35	26.1	80	12
4LTMA 1035 339 S12	1/2"			13	4	17	10.35	33.9	90	12
4LTMA 111 259 S12		1/2"	3/4", 13/16"	20	4	20	11.1	25.9	80	12
4LTMA 111 322 S12		1/2"	3/4", 13/16"	20	4	25	11.1	32.2	90	12
4LTMA 118 283 S12	9/16"	1", 1-1/8"		12	4	13	11.8	28.3	80	12
4LTMA 118 367 S12	9/16"	1", 1-1/8"		12	4	17	11.8	36.7	90	12
4LTMA 125 287 S14		9/16", 5/8"	11/16"	18	4	20	12.5	28.7	95	14
4LTMA 125 372 S14		9/16", 5/8"	11/16"	18	4	26	12.5	37.2	100	14
4LTMA 129 290 S14			9/16", 5/8", 11/16"	24	4	27	12.9	29	95	14
4LTMA 129 364 S14			9/16", 5/8", 11/16"	24	4	34	12.9	36.4	100	14
4LTMA 131 331 S14	5/8"			11	4	14	13.1	33.1	95	14
4LTMA 131 424 S14	5/8"			11	4	18	13.1	42.4	105	14
4LTMA 141 316 S16		5/8"	11/16", 1-1/8"	18	4	22	14.1	31.6	95	16
4LTMA 141 414 S16		5/8"	11/16", 1-1/8"	18	4	29	14.1	41.4	105	16
4LTMA 159 390 S16	3/4"			10	4	15	15.9	39	100	16
4LTMA 159 491 S16	3/4"			10	4	19	15.9	49.1	110	16
4LTMA 160 387 S16		3/4"		16	4	24	16	38.7	105	16
4LTMA 160 482 S16		3/4"		16	4	30	16	48.2	115	16
4LTMA 160 386 S16			3/4", 13/16", 7/8"	20	4	30	16	38.6	105	16
4LTMA 160 487 S16			3/4", 13/16", 7/8"	20	4	38	16	48.7	115	16
4LTMA 160 461 S16	7/8"			9	4	16	16	46.1	110	16
4LTMA 160 442 S16		7/8"		14	4	24	16	44.2	110	16
4LTMA 160 519 S16	1"			8	4	16	16	51.9	120	16
4LTMA 160 515 S16		1", 1-1/8", 1-1/2"		12	4	24	16	51.5	120	16

외부 급유형 (Without coolant)

American UN

단위 Unit: mm

Order Number	나사 가능 규격 Thread			피치규격 Pitch (TPI)	날수 Flutes Z	산수 Teeth Zt	날경 Diameter D	나사부 길이 Thread Length L1	전장 Overall Length L	샙크 Shank Dia d
	UNC	UNF	UNEF							
4LTMA 0358 099 S04C	No.10, No.12	5/16"		24	4	9	3.58	9.9	45	4
4LTMA 0358 131 S04C	No.10, No.12	5/16"		24	4	12	3.58	13.1	45	4
4LTMA 038 099 S04C		No.10	No.12, 5/16"	32	4	12	3.8	9.9	45	4
4LTMA 038 130 S04C		No.10	No.12, 5/16"	32	4	16	3.8	13	50	4
4LTMA 0415 110 S06C	No.12	5/16", 3/8"		24	4	10	4.15	11	60	6
4LTMA 0415 152 S06C	No.12	5/16", 3/8"		24	4	14	4.15	15.2	60	6
4LTMA 043 112 S06C		No.12, 1/4"	7/16"	28	4	12	4.3	11.2	60	6
4LTMA 043 149 S06C		No.12, 1/4"	7/16"	28	4	16	4.3	14.9	60	6
4LTMA 044 114 S06C			No.12, 1/4", 5/16"	32	4	14	4.4	11.4	60	6
4LTMA 044 154 S06C			No.12, 1/4", 5/16"	32	4	19	4.4	15.4	60	6
4LTMA 0488 132 S06C	1/4"	7/16", 1/2"		20	4	10	4.88	13.2	60	6
4LTMA 0488 170 S06C	1/4"	7/16", 1/2"		20	4	13	4.88	17	60	6
4LTMA 0515 131 S06C		1/4"	7/16", 1/2"	28	4	14	5.15	13.1	60	6
4LTMA 0515 167 S06C		1/4"	7/16", 1/2"	28	4	18	5.15	16.7	60	6
4LTMA 0615 160 S08C	5/16"	9/16", 5/8"		18	4	11	6.15	16	65	8
4LTMA 0615 217 S08C	5/16"	9/16", 5/8"		18	4	15	6.15	21.7	75	8
4LTMA 0668 163 S08C		5/16", 3/8"	9/16"	24	4	15	6.68	16.3	65	8
4LTMA 0668 205 S08C		5/16", 3/8"	9/16"	24	4	19	6.68	20.5	75	8
4LTMA 0765 196 S08C	3/8"	3/4"		16	4	12	7.65	19.6	65	8
4LTMA 0765 244 S08C	3/8"	3/4"		16	4	15	7.65	24.4	75	8
4LTMA 082 195 S10C		3/8"	9/16", 5/8"	24	4	18	8.2	19.5	80	10
4LTMA 082 247 S10C		3/8"	9/16", 5/8"	24	4	23	8.2	24.7	80	10
4LTMA 090 224 S10C	7/16"	7/8"		14	4	12	9	22.4	75	10
4LTMA 090 297 S10C	7/16"	7/8"		14	4	16	9	29.7	80	10
4LTMA 096 221 S10C		7/16", 1/2"	3/4"	20	4	17	9.6	22.1	75	10
4LTMA 096 284 S10C		7/16", 1/2"	3/4"	20	4	22	9.6	28.4	80	10
4LTMA 099 221 S10C			7/16", 1/2"	28	4	24	9.9	22.1	75	10
4LTMA 099 285 S10C			7/16", 1/2"	28	4	31	9.9	28.5	80	10
4LTMA 1035 261 S12C	1/2"			13	4	13	10.35	26.1	80	12
4LTMA 1035 339 S12C	1/2"			13	4	17	10.35	33.9	90	12
4LTMA 111 259 S12C		1/2"	3/4", 13/16"	20	4	20	11.1	25.9	80	12
4LTMA 111 322 S12C		1/2"	3/4", 13/16"	20	4	25	11.1	32.2	90	12
4LTMA 118 283 S12C	9/16"	1", 1-1/8"		12	4	13	11.8	28.3	80	12
4LTMA 118 367 S12C	9/16"	1", 1-1/8"		12	4	17	11.8	36.7	90	12
4LTMA 125 287 S14C		9/16", 5/8"	11/16"	18	4	20	12.5	28.7	95	14
4LTMA 125 372 S14C		9/16", 5/8"	11/16"	18	4	26	12.5	37.2	100	14
4LTMA 129 290 S14C			9/16", 5/8", 11/16"	24	4	27	12.9	29	95	14
4LTMA 129 364 S14C			9/16", 5/8", 11/16"	24	4	34	12.9	36.4	100	14
4LTMA 131 331 S14C	5/8"			11	4	14	13.1	33.1	95	14
4LTMA 131 424 S14C	5/8"			11	4	18	13.1	42.4	105	14
4LTMA 141 316 S16C		5/8"	11/16", 1-1/8"	18	4	22	14.1	31.6	95	16
4LTMA 141 414 S16C		5/8"	11/16", 1-1/8"	18	4	29	14.1	41.4	105	16
4LTMA 159 390 S16C	3/4"			10	4	15	15.9	39	100	16
4LTMA 159 491 S16C	3/4"			10	4	19	15.9	49.1	110	16
4LTMA 160 387 S16C		3/4"		16	4	24	16	38.7	105	16
4LTMA 160 482 S16C		3/4"		16	4	30	16	48.2	115	16
4LTMA 160 386 S16C			3/4", 13/16", 7/8"	20	4	30	16	38.6	105	16
4LTMA 160 487 S16C			3/4", 13/16", 7/8"	20	4	38	16	48.7	115	16
4LTMA 160 461 S16C	7/8"			9	4	16	16	46.1	110	16
4LTMA 160 442 S16C		7/8"		14	4	24	16	44.2	110	16
4LTMA 160 519 S16C	1"			8	4	16	16	51.9	120	16
4LTMA 160 515 S16C		1", 1-1/8", 1-1/2"		12	4	24	16	51.5	120	16

내부 급유형 (With coolant)