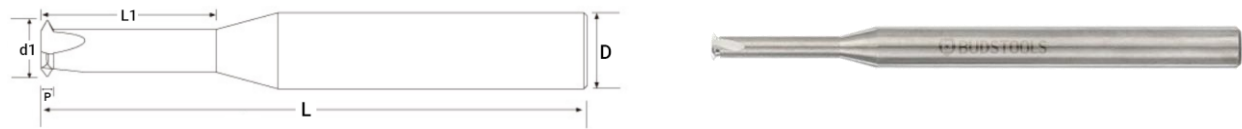


Thread Mills - For Aluminum Alloy

Single Thread



Applicable table of machinable materials

P		H				M	K	N		S	
Carbon steel	Alloy steel	Prehardened steel, Hardened steel				Stainless steel	Cast iron, Ductile cast iron ~350HB	Copper alloy	Aluminum alloy	Titanium alloy	Heat-resistant alloy
Pre hardened steel	Tool steel										
~40HRC		~45HRC	~55HRC	~60HRC	~65HRC	~35HRC					
○		○	○			○		●	●	○	○

● Highly Suitable ○ Suitable

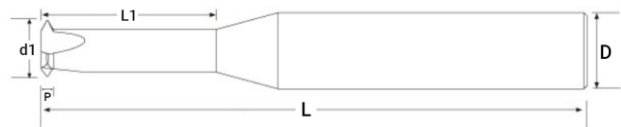
Product specifications

Unit: mm

Item Code	Specification * Pitch P	Shank Diameter D	Cutter Diameter d1	Effective Length L1	Number of Flutes	Overall Length L	Threaded Hole
THR1/AL-001	M1.0*0.25	4	0.73	2.3	3	50	0.75
THR1/AL-002	M1.2*0.25	4	0.92	2.8	3	50	0.95
THR1/AL-003	M1.4*0.3	4	1.05	3.2	3	50	1.15
THR1/AL-004	M1.6*0.35	4	1.2	3.4	3	50	1.25
THR1/AL-005	M1.8*0.35	4	1.4	4.5	3	50	1.5
THR1/AL-006	M2.0*0.4	4	1.55	5.0	3	50	1.6
THR1/AL-007	M2.2*0.45	4	1.65	5.5	3	50	1.75
THR1/AL-008	M2.5*0.45	4	1.95	6.2	3	50	2.05
THR1/AL-009	M3.0*0.5	4	2.4	7.5	3	50	2.5
THR1/AL-010	M3.5*0.6	4	2.75	8.7	3	50	2.9
THR1/AL-011	M4.0*0.7	4	3.15	10	3	50	3.3
THR1/AL-012	M5.0*0.8	6	4.05	12.5	3	50	4.2
THR1/AL-013	M6.0*1.0	6	4.8	15	3	50	5
THR1/AL-014	M8.0*1.25	8	6.5	20	4	60	6.8

Thread Mills - For Aluminum Alloy

Single Flute



d1 (Cutter Diameter)	Tolerance
$\Phi < 3$	0 ~ -0.01
$3 \leq \Phi \leq 10$	0 ~ -0.01
$\Phi > 10$	0 ~ -0.015

Product specifications

Unit: mm

Item Code	Specification * Pitch P	Shank Diameter D	Cutter Diameter d1	Effective Length L1	Number of Flutes	Overall Length L	Threaded Hole
THR1/AL-015	M10*1.5	10	8.2	25	4	75	8.5
THR1/AL-016	M12*1.75	10	9.9	30	6	75	10.2
THR1/AL-017	M14*2.0	12	11.6	36	6	75	12
THR1/AL-018	M16*2.0	12	11.9	40	6	83	14
THR1/AL-019	M20*2.5	16	15.9	50	6	100	17.5
THR1/AL-020	M5.0*0.8	4	3.9	12.5	3	50	4.2
THR1/AL-021	M6.0*1.0	4	3.95	15	3	50	5
THR1/AL-022	M8.0*1.25	6	5.9	20	3	60	6.8
THR1/AL-023	M10*1.5	8	7.9	25	4	60	8.5