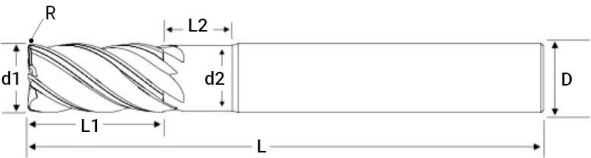


TI - Corner Radius End Mills - For Titanium Alloy

4/5-Flutes - 38° Helix



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

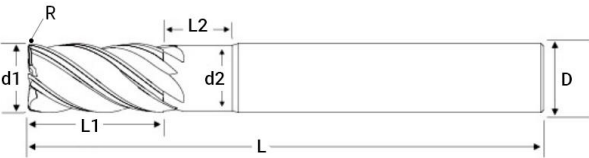
Product specifications

Unit: mm

Item Code	Flute Diameter d1	Corner Radius R	d2	Flute Length L1	L2	Shank Diameter D	Overall Length L
TI-4F001-RN	φ1	R0.1	/	3	/	φ4	50
TI-4F002-RN	φ1.5	R0.1	/	4	/	φ4	50
TI-4F003-RN	φ2	R0.1	/	6	/	φ4	50
TI-4F004-RN	φ2.5	R0.1	/	8	/	φ4	50
TI-4F005-RN	φ3	R0.2	/	8	/	φ3	50
TI-4F006-RN	φ3	R0.2	/	8	/	φ4	50
TI-4F007-RN	φ3.5	R0.2	/	8	/	φ4	50
TI-4F008-RN	φ4	R0.5	3.7	8	3	φ4	50
TI-5F009-RN	φ5	R0.5	4.7	10	5	φ5	50
TI-5F010-RN	φ5	R0.5	4.7	10	5	φ6	50
TI-5F011-RN	φ6	R0.5	5.7	12	5	φ6	50
TI-5F012-RN	φ8	R0.5	7.7	17	5	φ8	60
TI-4F013-RN	φ3	R0.2	2.7	10	5	φ3	75
TI-4F014-RN	φ4	R0.5	3.7	12	5	φ4	75

TI - Corner Radius End Mills - For Titanium Alloy

4/5-Flutes - 38° Helix



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	Flute Diameter d1	Corner Radius R	d2	Flute Length L1	L2	Shank Diameter D	Overall Length L
TI-5F015-RN	φ5	R0.5	4.7	17	5	φ5	75
TI-5F016-RN	φ6	R0.5	5.7	17	5	φ6	75
TI-5F017-RN	φ8	R0.5	7.7	22	5	φ8	75
TI-5F018-RN	φ10	R0.5	9.7	22	5	φ10	75
TI-5F019-RN	φ12	R0.5	11.7	27	5	φ12	75
TI-5F020-RN	φ14	R0.5	13.7	28	10	φ14	80
TI-4F021-RN	φ3	R0.2	2.7	10	5	φ3	100
TI-4F022-RN	φ4	R0.5	3.7	13	5	φ4	100
TI-5F023-RN	φ5	R0.5	4.7	17	5	φ5	100
TI-5F024-RN	φ6	R0.5	5.7	22	5	φ6	100
TI-5F025-RN	φ8	R0.5	7.7	30	5	φ8	100
TI-5F026-RN	φ10	R0.5	9.7	35	5	φ10	100
TI-5F027-RN	φ12	R0.5	11.7	40	5	φ12	100
TI-5F028-RN	φ14	R0.5	13.7	40	10	φ14	100
TI-5F029-RN	φ16	R0.5	15.7	40	10	φ16	100
TI-5F030-RN	φ18	R0.5	17.7	40	10	φ18	100
TI-5F031-RN	φ20	R0.5	19.7	40	10	20	100
TI-5F032-RN	φ25	R1	24.7	40	10	25	100
TI-5F033-RN	φ6	R0.5	5.7	20	5	6	150
TI-5F034-RN	φ8	R0.5	7.7	30	5	8	150
TI-5F035-RN	φ10	R0.5	9.7	40	5	10	150
TI-5F036-RN	φ12	R0.5	11.7	40	5	12	150
TI-5F037-RN	φ14	R0.5	13.7	40	10	14	150
TI-5F038-RN	φ16	R0.5	15.7	45	10	16	150
TI-5F039-RN	φ18	R0.5	17.7	45	10	18	150
TI-5F040-RN	φ20	R0.5	19.7	50	10	20	150
TI-5F041-RN	φ25	R1	24.7	55	10	25	150