

SUS - Corner Radius End Mills - For Stainless Steel

4-Flutes - 35°/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
SUS-4F001-RN	φ1	0.2	/	3	/	φ4	50
SUS-4F002-RN	φ1.5	0.2	/	4	/	φ4	50
SUS-4F003-RN	φ2	0.2	/	6	/	φ4	50
SUS-4F004-RN	φ2.5	0.2	/	8	/	φ4	50
SUS-4F005-RN	φ3	0.5/1	/	8	/	φ3	50
SUS-4F006-RN	φ3	0.5/1	/	8	/	φ4	50
SUS-4F007-RN	φ3.5	0.5/1	/	8	/	φ4	50
SUS-4F008-RN	φ4	0.5/1	3.7	8	3	φ4	50
SUS-4F009-RN	φ5	0.5/1	4.7	10	5	φ5	50
SUS-4F010-RN	φ5	0.5/1	4.7	10	5	φ6	50
SUS-4F011-RN	φ6	0.5/1	5.7	12	5	φ6	50
SUS-4F012-RN	φ8	0.5/1	7.7	17	5	φ8	60
SUS-4F013-RN	φ3	0.5/1	2.7	10	5	φ3	75
SUS-4F014-RN	φ4	0.5/1	3.7	12	5	φ4	75

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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
SUS-4F015-RN	φ5	0.5/1	4.7	17	5	φ5	75
SUS-4F016-RN	φ6	0.5/1	5.7	17	5	φ6	75
SUS-4F017-RN	φ8	0.5/1	7.7	22	5	φ8	75
SUS-4F018-RN	φ10	0.5/1	9.7	22	5	φ10	75
SUS-4F019-RN	φ12	0.5/1	11.7	27	5	φ12	75
SUS-4F020-RN	φ14	0.5/1	13.7	28	10	φ14	80
SUS-4F021-RN	φ3	0.5/1	2.7	10	5	φ3	100
SUS-4F022-RN	φ4	0.5/1	3.7	13	5	φ4	100
SUS-4F023-RN	φ5	0.5/1	4.7	17	5	φ5	100
SUS-4F024-RN	φ6	0.5/1	5.7	22	5	φ6	100
SUS-4F025-RN	φ8	0.5/1	7.7	30	5	φ8	100
SUS-4F026-RN	φ10	0.5/1	9.7	35	5	φ10	100
SUS-4F027-RN	φ12	0.5/1	11.7	40	5	φ12	100
SUS-4F028-RN	φ14	0.5/1	13.7	40	10	φ14	100
SUS-4F029-RN	φ16	0.5/1	15.7	40	10	φ16	100
SUS-4F030-RN	φ18	0.5/1	17.7	40	10	φ18	100
SUS-4F031-RN	φ20	0.5/1	19.7	40	10	φ20	100
SUS-4F032-RN	φ25	0.5/1	24.7	40	10	φ25	100
SUS-4F033-RN	φ6	0.5/1	5.7	20	5	φ6	150
SUS-4F034-RN	φ8	0.5/1	7.7	30	5	φ8	150
SUS-4F035-RN	φ10	0.5/1	9.7	40	5	φ10	150
SUS-4F036-RN	φ12	0.5/1	11.7	40	5	φ12	150
SUS-4F037-RN	φ14	0.5/1	13.7	40	10	φ14	150
SUS-4F038-RN	φ16	0.5/1	15.7	45	10	φ16	150
SUS-4F039-RN	φ18	0.5/1	17.7	45	10	φ18	150
SUS-4F040-RN	φ20	0.5/1	19.7	50	10	φ20	150
SUS-4F041-RN	φ25	0.5/1	24.7	55	10	φ25	150