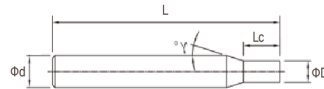


EXHSF-4

■ 4 Flute Square End Mill

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ΦD	D Tolerance
D ≤ 3	0 ~ -0.010
3 < D ≤ 6	0 ~ -0.012
6 < D ≤ 10	0 ~ -0.015
10 < D ≤ 18	0 ~ -0.018
D > 18	0 ~ -0.020

(mm)

Order Code	Dia.	Length of cut	Overall Length	Shank Dia.	Stock
	ΦD	Lc	L	Φd	
EXHSF-4010 04050	1	3	50	4	●
EXHSF-4010 06050	1	3	50	6	●
EXHSF-4012 04050	1.2	3.5	50	4	●
EXHSF-4014 04050	1.4	4	50	4	●
EXHSF-4015 04050	1.5	4	50	4	●
EXHSF-4015 06050	1.5	4	50	6	●
EXHSF-4016 04050	1.6	5	50	4	●
EXHSF-4020 04050	2	6	50	4	●
EXHSF-4020 06050	2	6	50	6	●
EXHSF-4025 04050	2.5	8	50	4	●
EXHSF-4025 06050	2.5	8	50	6	●
EXHSF-4030 04050	3	8	50	4	●
EXHSF-4030 06050	3	8	50	6	●
EXHSF-4030 06075	3	12	75	6	●
EXHSF-4040 04050	4	11	50	4	●
EXHSF-4040 04075	4	15	75	4	●
EXHSF-4040 06050	4	11	50	6	●
EXHSF-4040 06075	4	15	75	6	●
EXHSF-4050 06050	5	13	50	6	●
EXHSF-4050 06075	5	18	75	6	●
EXHSF-4060 06050	6	16	50	6	●
EXHSF-4060 06060	6	16	60	6	●
EXHSF-4060 06075	6	20	75	6	●
EXHSF-4060 06100	6	20	100	6	●
EXHSF-4080 08060	8	20	60	8	●
EXHSF-4080 08075	8	20	75	8	●
EXHSF-4080 08100	8	25	100	8	●
EXHSF-4080 08125	8	28	125	8	●
EXHSF-4100 10075	10	25	75	10	●
EXHSF-4100 10100	10	30	100	10	●
EXHSF-4100 10125	10	35	125	10	●
EXHSF-4120 12075	12	30	75	12	●
EXHSF-4120 12100	12	35	100	12	●
EXHSF-4120 12125	12	42	125	12	●

EXHSF-4

■ 4 Flute Square End Mill

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Order Code	Dia.	Length of cut	Overall Length	Shank Dia.	Stock
	ΦD	Lc	L	Φd	
EXHSF-4160 16100	16	45	100	16	●
EXHSF-4160 16150	16	50	150	16	●
EXHSF-4200 20100	20	45	100	20	●
EXHSF-4200 20150	20	55	150	20	●

■ TABLE OF RECOMMENDED MILLING MATERIALS

CARBON STEELS ALLOY STEELS TOOL STEELS PREHARDNEED STEELS	PREHARDNEED STEELS HARDENED STEELS				STAINLESS STEELS	CAST IRON DUCTILE CAST IRON
~40HRC	~50HRC	~55HRC	~60HRC	~65HRC	~35HRC	~350HB
○	○	○	○	○	○	○
COPPER ALLOYS	ALUMINUM ALLOY	GRAPHITE	TITANIUM ALLOY	HEAT RESISTANT ALLOYS	PLASTIC	
○			○	○		

○ Very suitable ○ Suitable