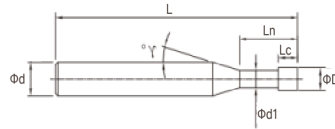


EXHSD-4L

■ 4 Flute Square End Mill (Long Neck)

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ΦD	D Tolerance
D < 3	0--0.010
3 < D ≤ 6	0--0.012

(mm)

Order Code	Dia.	Length of cut	Under Neck Length	Neck Dia.	Overall Length	Shank Dia.	Stock
	ΦD	Lc	Ln	Φd1	L	Φd	
EXHSD-4008L2 04050	0.8	0.6	2	0.76	50	4	●
EXHSD-4008L3 04050	0.8	0.6	3	0.76	50	4	●
EXHSD-4008L4 04050	0.8	0.6	4	0.76	50	4	●
EXHSD-4008L5 04050	0.8	0.6	5	0.76	50	4	●
EXHSD-4008L6 04050	0.8	0.6	6	0.76	50	4	●
EXHSD-4008L7 04050	0.8	0.6	7	0.76	50	4	●
EXHSD-4008L8 04050	0.8	0.6	8	0.76	50	4	●
EXHSD-4008L10 04050	0.8	0.6	10	0.76	50	4	●
EXHSD-4008L12 04050	0.8	0.6	12	0.76	50	4	●
EXHSD-4008L16 04050	0.8	0.6	16	0.76	50	4	●
EXHSD-4010L3 04050	1	0.75	3	0.95	50	4	●
EXHSD-4010L4 04050	1	0.75	4	0.95	50	4	●
EXHSD-4010L5 04050	1	0.75	5	0.95	50	4	●
EXHSD-4010L6 04050	1	0.75	6	0.95	50	4	●
EXHSD-4010L7 04050	1	0.75	7	0.95	50	4	●
EXHSD-4010L8 04050	1	0.75	8	0.95	50	4	●
EXHSD-4010L9 04050	1	0.75	9	0.95	50	4	●
EXHSD-4010L10 04050	1	0.75	10	0.95	50	4	●
EXHSD-4010L12 04050	1	0.75	12	0.95	50	4	●
EXHSD-4010L14 04050	1	0.75	14	0.95	50	4	●
EXHSD-4010L16 04050	1	0.75	16	0.95	50	4	●
EXHSD-4010L18 04060	1	0.75	18	0.95	60	4	●
EXHSD-4010L20 04060	1	0.75	20	0.95	60	4	●
EXHSD-4010L22 04060	1	0.75	22	0.95	60	4	●
EXHSD-4012L6 04050	1.2	1	6	1.14	50	4	●
EXHSD-4012L8 04050	1.2	1	8	1.14	50	4	●
EXHSD-4012L10 04050	1.2	1	10	1.14	50	4	●
EXHSD-4012L12 04050	1.2	1	12	1.14	50	4	●
EXHSD-4014L6 04050	1.4	1.1	6	1.34	50	4	●
EXHSD-4014L12 04050	1.4	1.1	12	1.34	50	4	●
EXHSD-4014L16 04050	1.4	1.1	16	1.34	50	4	●
EXHSD-4105L4 04050	1.5	1.2	4	1.42	50	4	●
EXHSD-4015L6 04050	1.5	1.2	6	1.42	50	4	●
EXHSD-4015L8 04050	1.5	1.2	8	1.42	50	4	●

EXHSD-4L

■ 4 Flute Square End Mill (Long Neck)

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Order Code	Dia.	Length of cut	Under Neck Length	Neck Dia.	Overall Length	Shank Dia.	Stock
	ΦD	Lc	Ln	Φd1	L	Φd	
EXHSD-4015L10 04050	1.5	1.2	10	1.42	50	4	●
EXHSD-4015L12 04050	1.5	1.2	12	1.42	50	4	●
EXHSD-4015L14 04050	1.5	1.2	14	1.42	50	4	●
EXHSD-4015L16 04050	1.5	1.2	16	1.42	50	4	●
EXHSD-4015L18 04060	1.5	1.2	18	1.42	60	4	●
EXHSD-4015L20 04060	1.5	1.2	20	1.42	60	4	●
EXHSD-4015L25 04060	1.5	1.2	25	1.42	60	4	●
EXHSD-4016L8 04050	1.6	1.3	8	1.52	50	4	●
EXHSD-4016L12 04050	1.6	1.3	12	1.52	50	4	●
EXHSD-4016L16 04050	1.6	1.3	16	1.52	50	4	●
EXHSD-4020L6 04050	2	1.6	6	1.9	50	4	●
EXHSD-4020L8 04050	2	1.6	8	1.9	50	4	●
EXHSD-4020L10 04050	2	1.6	10	1.9	50	4	●
EXHSD-4020L12 04050	2	1.6	12	1.9	50	4	●
EXHSD-4020L14 04050	2	1.6	14	1.9	50	4	●
EXHSD-4020L16 04050	2	1.6	16	1.9	50	4	●
EXHSD-4020L18 04060	2	1.6	18	1.9	60	4	●
EXHSD-4020L20 04060	2	1.6	20	1.9	60	4	●
EXHSD-4020L25 04060	2	1.6	25	1.9	60	4	●
EXHSD-4020L30 04075	2	1.6	30	1.9	75	4	●
EXHSD-4020L35 04075	2	1.6	35	1.9	75	4	●
EXHSD-4025L8 04050	2.5	2	8	2.4	50	4	●
EXHSD-4025L10 04050	2.5	2	10	2.4	50	4	●
EXHSD-4025L12 04050	2.5	2	12	2.4	50	4	●
EXHSD-4025L16 04050	2.5	2	16	2.4	50	4	●
EXHSD-4025L20 04060	2.5	2	20	2.4	60	4	●
EXHSD-4025L25 04060	2.5	2	25	2.4	60	4	●
EXHSD-4025L30 04075	2.5	2	30	2.4	75	4	●
EXHSD-4025L35 04075	2.5	2	35	2.4	75	4	●
EXHSD-4030L10 04050	3	2.4	10	2.9	50	4	●
EXHSD-4030L10 06060	3	2.4	10	2.9	60	6	●
EXHSD-4030L12 04050	3	2.4	12	2.9	50	4	●
EXHSD-4030L12 06060	3	2.4	12	2.9	60	6	●
EXHSD-4030L16 04050	3	2.4	16	2.9	50	4	●
EXHSD-4030L16 06060	3	2.4	16	2.9	60	6	●
EXHSD-4030L20 06060	3	2.4	20	2.9	60	6	●
EXHSD-4030L25 06075	3	2.4	25	2.9	75	6	●
EXHSD-4030L30 06075	3	2.4	30	2.9	75	6	●
EXHSD-4030L35 06075	3	2.4	35	2.9	75	6	●
EXHSD-4030L40 06100	3	2.4	40	2.9	100	6	●
EXHSD-4040L12 06060	4	3.2	12	3.9	60	6	●
EXHSD-4040L16 06060	4	3.2	16	3.9	60	6	●

EXHSD-4L

■ 4 Flute Square End Mill (Long Neck)

3/3

Order Code	Dia.	Length of cut	Under Neck Length	Neck Dia.	Overall Length	Shank Dia.	Stock
	ΦD	Lc	Ln	Φd1	L	Φd	
EXHSD-4040L20 06060	4	3.2	20	3.9	60	6	●
EXHSD-4040L25 06075	4	3.2	25	3.9	75	6	●
EXHSD-4040L30 06075	4	3.2	30	3.9	75	6	●
EXHSD-4040L35 06075	4	3.2	35	3.9	75	6	●
EXHSD-4040L40 06100	4	3.2	40	3.9	100	6	●
EXHSD-4040L50 06100	4	3.2	50	3.9	100	6	●

■ 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