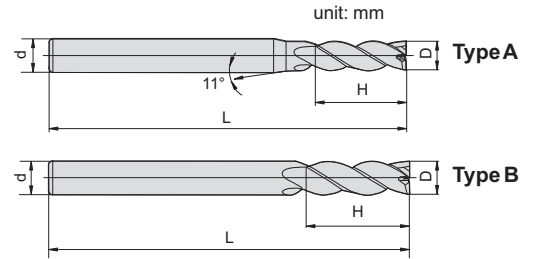


**CH4E/Standard**  
Four-flute flat end milling cutter



Super MG
0.3 μm
45° Helix
4
h5

Standard length

Specification	D	d	H	L	Type
CH4E01003	1.0	4.0	3.0	50.0	A
CH4E01504	1.5	4.0	4.0	50.0	A
CH4E02006	2.0	4.0	6.0	50.0	A
CH4E02508	2.5	4.0	8.0	50.0	A
CH4E03008	3.0	4.0	8.0	50.0	A
CH4E03510	3.5	4.0	10.0	50.0	A
CH4E04011	4.0	4.0	11.0	50.0	B
CH4E04511	4.5	6.0	11.0	50.0	A
CH4E05013	5.0	6.0	13.0	50.0	A
CH4E05516	5.5	6.0	16.0	50.0	A

Specification	D	d	H	L	Type
CH4E06016	6.0	6.0	16.0	50.0	B
CH4E07020	7.0	8.0	20.0	60.0	A
CH4E08020	8.0	8.0	20.0	60.0	B
CH4E09022	9.0	10.0	22.0	75.0	A
CH4E10025	10.0	10.0	25.0	75.0	B
CH4E12030	12.0	12.0	30.0	75.0	B
CH4E14040	14.0	14.0	40.0	100.0	B
CH4E16045	16.0	16.0	45.0	100.0	B
CH4E18045	18.0	18.0	45.0	100.0	B
CH4E20045	20.0	20.0	45.0	100.0	B

Workpiece material						
P	M	K	N	S		H
Steel <40HRC	Stainless steel <40HRC	Cast iron <40HRC	Non-ferrous metal	Heat-resistant alloy <40HRC	Titanium alloy <40HRC	High hardness steel <60HRC
○	○	○	○	○	○	●

Application: ● Fitwell ○ Applicable

## CH4E/Standard

Four-flute flat end milling cutter



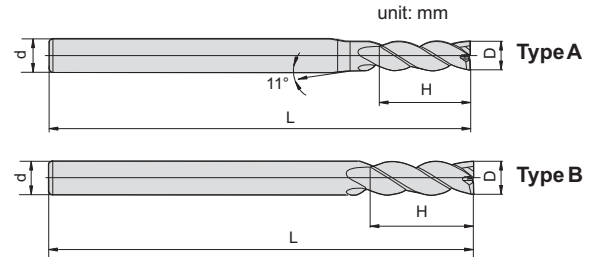
Side milling



Slotting



Step surface machining



Extended

Specification	D	d	H	L	Type
CH4E03012-L1	3.0	4.0	12.0	75.0	A
CH4E04016-L1	4.0	4.0	16.0	75.0	A
CH4E05020-L1	5.0	6.0	20.0	75.0	A
CH4E06020-L1	6.0	6.0	20.0	75.0	B
CH4E05020-L2	5.0	6.0	20.0	100.0	A
CH4E06020-L2	6.0	6.0	20.0	100.0	B
CH4E08025-L2	8.0	8.0	25.0	100.0	B

Specification	D	d	H	L	Type
CH4E10030-L2	10.0	10.0	30.0	100.0	B
CH4E12035-L2	12.0	12.0	35.0	100.0	B
CH4E08030-L3	8.0	8.0	30.0	150.0	B
CH4E10035-L3	10.0	10.0	35.0	150.0	B
CH4E12040-L3	12.0	12.0	40.0	150.0	B
CH4E16050-L3	16.0	16.0	50.0	150.0	B
CH4E20055-L3	20.0	20.0	55.0	150.0	B

Workpiece material						
P	M	K	N	S		H
Steel <40HRC	Stainless steel <40HRC	Cast iron <40HRC	Non-ferrous metal	Heat-resistant alloy <40HRC	Titanium alloy <40HRC	High hardness steel <60HRC
○	○	○	○	○	○	●

Application: ● Fitwell ○ Applicable

B

END MILLS