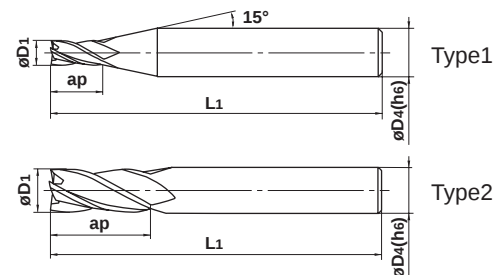


MSTAR END MILLS

MS4MC...E
End mill, Medium cut length, 4 flute



Carbon Steel, Alloy Steel, Cast Iron (≤30HRC)	Tool Steel, Pre-Hardened Steel, Hardened Steel (≤45HRC)	Hardened Steel (≤55HRC)	Hardened Steel (>55HRC)	Austenitic Stainless Steel	Titanium Alloy, Heat Resistant Alloy	Copper Alloy	Aluminium Alloy
○	○	○		○			



	D1 ≤ 3	3 < D1 ≤ 6	6 < D1 ≤ 16		
	0 - 0.020	- 0.015 - 0.038	- 0.020 - 0.047		
	4 ≤ D4 ≤ 6	8 ≤ D4 ≤ 10	12 ≤ D4 ≤ 16		
	0 - 0.008	0 - 0.009	0 - 0.011		

- 3 flute end mill for general use.
- Centre cutting.

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
MS4MCD0100E	1	2.5	40	4	4	●	1
D0150E	1.5	4	40	4	4	●	1
D0200E	2	6	50	6	4	●	1
D0300E	3	8	50	6	4	●	1
D0400E	4	11	50	6	4	●	1
D0500E	5	13	50	6	4	●	1
D0600E	6	13	50	6	4	●	2
D0800E	8	19	60	8	4	●	2
D1000E	10	22	75	10	4	●	2
D1200E	12	26	75	12	4	●	2
D1600E	16	32	90	16	4	●	2

● : Inventory maintained.