

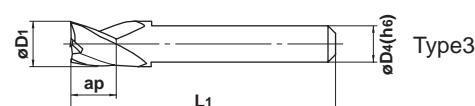
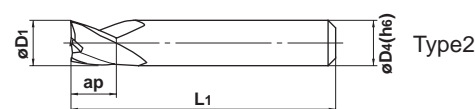
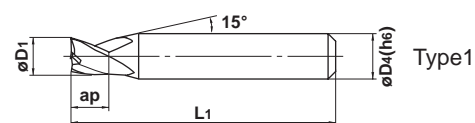
**MS3ES**

End mill, 3 flute, For small automatic lathe



CARBIDE

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
○	○	○		○	○		



	$3 \leq D_1 \leq 12$				
	$0$ - 0.020				
$h_6$	$4 \leq D_4 \leq 6$	$7 \leq D_4 \leq 10$			
	$0$ - 0.008	$0$ - 0.009			

● 3 flute end mill.

Overall length 35mm

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
MS3ESD0300L35S04	3	3	35	4	3	★	1
D0350L35S04	3.5	3.5	35	4	3	★	1
D0400L35S04	4	4	35	4	3	★	2
D0500L35S05	5	5	35	5	3	★	2
D0500L35S06	5	5	35	6	3	★	1
D0600L35S05	6	6	35	5	3	★	3
D0600L35S06	6	6	35	6	3	★	2
D0700L35S07	7	6	35	7	3	★	2
D0800L35S07	8	6	35	7	3	★	3
D0800L35S08	8	6	35	8	3	★	2
D1000L35S07	10	6	35	7	3	★	3
D1000L35S10	10	6	35	10	3	★	2
D1200L35S10	12	6	35	10	3	★	3

Overall length 45mm

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
MS3ESD0300L45S04	3	3	45	4	3	★	1
D0350L45S04	3.5	3.5	45	4	3	★	1
D0400L45S04	4	4	45	4	3	★	2
D0500L45S06	5	5	45	6	3	★	1
D0600L45S06	6	6	45	6	3	★	2
D0700L45S07	7	7	45	7	3	★	2
D0800L45S07	8	8	45	7	3	★	3
D0800L45S08	8	8	45	8	3	★	2
D1000L45S07	10	10	45	7	3	★	3
D1000L45S10	10	10	45	10	3	★	2
D1200L45S10	12	12	45	10	3	★	3

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS