

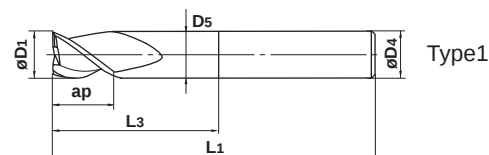
AM3SS

End mill, Short cut length, 3 flute, Relieved neck, Non centre cutting



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
						○	◎



Type1



$12 \leq D1 \leq 16$	$16 < D1$			
- 0.02	- 0.02			
- 0.047	- 0.053			

- Optimum choice for high speed machining of aluminium.

Unit : mm

Order Number	D1	ap	L3	D5	L1	D4	Flutes	Stock	Type
AM3SSD1000A075	10	12	30	9.4	75	10	3	●	1
D1000A100	10	12	35	9.4	100	10	3	●	1
D1200A075	12	15	30	11.4	75	12	3	●	1
D1200A100	12	15	35	11.4	100	12	3	●	1
D1200A125	12	15	40	11.4	125	12	3	●	1
D1600A075	16	15	30	15.4	75	16	3	●	1
D1600A100	16	15	40	15.4	100	16	3	●	1
D1600A125	16	15	45	15.4	125	16	3	●	1
D2000A100	20	20	40	18.0	100	20	3	●	1
D2000A125	20	20	60	18.0	125	20	3	●	1
D2000A150	20	20	85	18.0	150	20	3	●	1
D2500A100	25	20	50	23.0	100	25	3	●	1
D2500A125	25	20	65	23.0	125	25	3	●	1
D2500A150	25	20	90	23.0	150	25	3	●	1

RECOMMENDED CUTTING CONDITIONS

Work material	Aluminium alloy	
Dia. (mm)	Revolution (min ⁻¹)	Feed rate (mm/min)
12	12000	1600—2500
16	10000	1300—2100
20	8000	1100—1600
25	6000	800—1200
Depth of cut		
	D: Dia.	

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS