

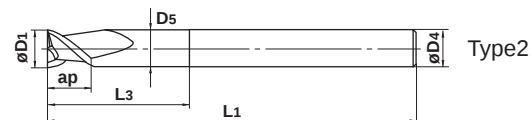
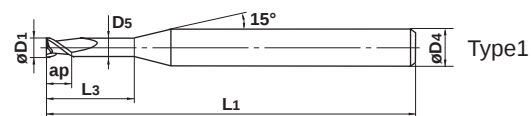
ALIMASTER END MILLS

AM25C

End mill, Short cut length, 2 flute, Relieved neck, Centre cutting



Carbon Steel, Alloy Steel, Cast Iron ($<30\text{HRC}$)	Tool Steel, Pre-Hardened Steel, Hardened Steel ($\leq 45\text{HRC}$)	Hardened Steel ($\leq 55\text{HRC}$)	Hardened Steel ($> 55\text{HRC}$)	Austenitic Stainless Steel	Titanium Alloy, Heat Resistant Alloy	Copper Alloy	Aluminium Alloy
						○	◎



D1=3	3<D1≤6	6<D1≤16	16<D1	
- 0.005	- 0.015	- 0.02	- 0.02	
- 0.028	- 0.038	- 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
AM2SCD0300A060	3	6	12	2.7	60	6	2	●	1
D0400A060	4	6	12	3.7	60	6	2	●	1
D0500A060	5	8	15	4.7	60	6	2	●	1
D0600A075	6	8	16	5.7	75	6	2	●	2
D0800A075	8	10	20	7.4	75	8	2	●	2
D1000A075	10	12	30	9.4	75	10	2	●	2
D1000A100	10	12	35	9.4	100	10	2	●	2
D1200A075	12	15	30	11.4	75	12	2	●	2
D1200A100	12	15	35	11.4	100	12	2	●	2
D1200A125	12	15	40	11.4	125	12	2	●	2
D1600A075	16	15	30	15.4	75	16	2	●	2
D1600A100	16	15	40	15.4	100	16	2	●	2
D1600A125	16	15	45	15.4	125	16	2	●	2
D2000A100	20	20	40	18.0	100	20	2	●	2
D2000A125	20	20	50	18.0	125	20	2	●	2

RECOMMENDED CUTTING CONDITIONS

Work material	Aluminium alloy	
Dia. (mm)	Revolution (min^{-1})	Feed rate (mm/min)
3	20000	800—1600
6	20000	1800—2800
8	17000	2200—3400
10	15000	2300—3600
12	12000	2300—3600
16	10000	2300—3600
20	8000	2200—3300
Depth of cut	0.25—0.5D D 1D 0.25—0.5D D: Dia.	

● : Inventory maintained.