

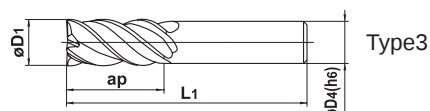
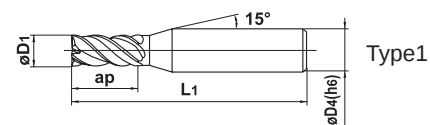
VQ END MILLS

VQM^hHV

End mill, Medium cut length, 4 flute, Irregular helix flutes



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 ≤ 12	D1 > 12			
	0 - 0.020	0 - 0.030			
	4 ≤ D4 ≤ 6 - 0.008	8 ≤ D4 ≤ 10 - 0.009	12 ≤ D4 ≤ 16 - 0.011	20 ≤ D4 ≤ 25 - 0.013	

- VQ vibration control end mills for reduced chattering, a stable performance on difficult-to-cut materials and long overhang applications.

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
VQM ^h VD0200	2	4	45	4	4	●	1
D0250	2.5	5	45	4	4	●	1
D0300	3	8	45	6	4	●	1
D0350	3.5	8	45	6	4	●	1
D0400	4	11	45	6	4	●	1
D0500	5	13	50	6	4	●	1
D0600	6	13	50	6	4	●	2
D0700	7	19	60	8	4	●	1
D0800	8	19	60	8	4	●	2
D0900	9	22	70	10	4	●	1
D0900S08	9	22	75	8	4	●	3
D1000	10	22	70	10	4	●	2
D1000S08	10	22	100	8	4	●	3
D1100	11	26	75	12	4	●	1
D1100S10	11	26	100	10	4	●	3
D1200	12	26	75	12	4	●	2
D1200S10	12	26	110	10	4	●	3
D1300	13	26	75	12	4	●	3
D1300S12	13	26	110	12	4	●	3
D1400	14	30	90	16	4	●	1
D1400S12	14	32	130	12	4	●	3
D1600	16	35	90	16	4	●	2
D1800	18	40	100	16	4	●	3
D1800S16	18	42	150	16	4	●	3
D2000	20	45	110	20	4	●	2
D2500	25	55	125	25	4	●	2

● : Inventory maintained.