

VQ END MILLS

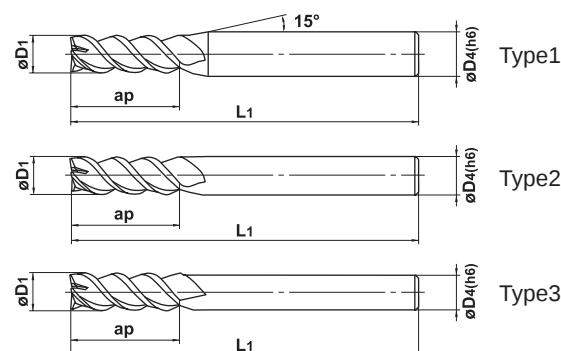
VQMHZV

End mill, Medium cut length, 3 flute for plunging and slotting



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
◎	○			◎	◎	○	



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

- 3 flute end mill for both plunging and slotting.
- Featuring irregular helical geometry for reduced chattering.

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
VQMHZVD0100	1	2	45	4	3	●	1
D0110	1.1	2.2	45	4	3	●	1
D0120	1.2	2.4	45	4	3	●	1
D0130	1.3	2.6	45	4	3	●	1
D0140	1.4	2.8	45	4	3	●	1
D0150	1.5	3	45	4	3	●	1
D0160	1.6	3.2	45	4	3	●	1
D0170	1.7	3.4	45	4	3	●	1
D0180	1.8	3.6	45	4	3	●	1
D0190	1.9	3.8	45	4	3	●	1
D0200	2	4	50	6	3	●	1
D0210	2.1	4.2	50	6	3	●	1
D0220	2.2	4.4	50	6	3	●	1
D0230	2.3	4.6	50	6	3	●	1
D0240	2.4	4.8	50	6	3	●	1
D0250	2.5	5	50	6	3	●	1
D0260	2.6	5.2	50	6	3	●	1
D0270	2.7	5.4	50	6	3	●	1
D0280	2.8	5.6	50	6	3	●	1
D0290	2.9	5.8	50	6	3	●	1
D0300	3	6	50	6	3	●	1
D0310	3.1	7	50	6	3	●	1
D0320	3.2	7	50	6	3	●	1
D0330	3.3	7	50	6	3	●	1
D0340	3.4	7	50	6	3	●	1
D0350	3.5	8	50	6	3	●	1
D0360	3.6	8	50	6	3	●	1
D0370	3.7	8	50	6	3	●	1
D0380	3.8	8	50	6	3	●	1
D0390	3.9	8	50	6	3	●	1
D0400	4	8	50	6	3	●	1
D0450	4.5	10	50	6	3	●	1
D0500	5	10	50	6	3	●	1
D0550	5.5	13	50	6	3	●	1

● : Inventory maintained.

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS