

IMPACT MIRACLE END MILLS

VFMHV

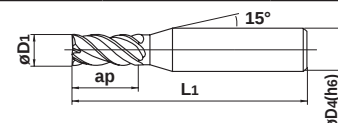
End mill, Medium cut length, 4 flute, Irregular helix flutes



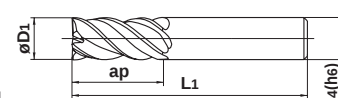
D1 < 6

D1 ≥ 6

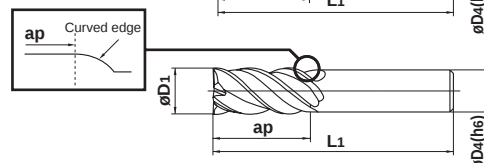
Carbon Steel, Alloy Steel, Cast Iron (≤30HRC)	Tool Steel, Pre-Hardened Steel, Hardened Steel (≤45HRC)	Hardened Steel (≤55HRC)	Hardened Steel (>55HRC)	Austenitic Stainless Steel	Titanium Alloy, Heat Resistant Alloy	Copper Alloy	Aluminium Alloy
○	○	○		◎	◎		



Type1



Type2



Type3



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	

- Impact Miracle end mill with irregular helix flutes ensures stable machining of difficult-to-cut materials and with long overhangs.

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
VFMHVD0200	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
D0600A070	6	13	70	6	4	●	2
D0700	7	19	60	8	4	●	1
D0800	8	19	60	8	4	●	2
D0800A080	8	19	80	8	4	●	2
D0900	9	22	70	10	4	●	1
D1000A100S08	10	22	100	8	4	●	3
D1000	10	22	70	10	4	●	2
D1000A100	10	22	100	10	4	●	2
D1100	11	26	100	10	4	●	3
D1200A110S10	12	26	110	10	4	●	3
D1200	12	26	75	12	4	●	2
D1200A110	12	26	110	12	4	●	2
D1300	13	26	110	12	4	●	3
D1400A130S12	14	32	130	12	4	●	3
D1600	16	35	90	16	4	●	2
D1800A150S16	18	42	150	16	4	●	3
D2000	20	45	110	20	4	●	2

● : Inventory maintained.