

VFSFPR

Roughing end mill, Short cut length, 3–4 flute



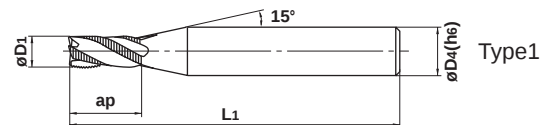
D1 < 8

D1 ≥ 8

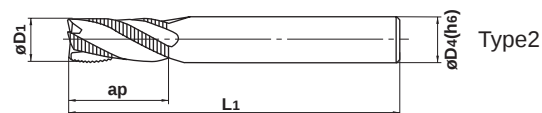
Carbon Steel, Alloy Steel, Cast Iron
(≤30HRC)Tool Steel, Pre-Hardened Steel, Hardened Steel
(≤45HRC)Hardened Steel
(≤55HRC)Hardened Steel
(>55HRC)Austenitic
Stainless SteelTitanium Alloy,
Heat Resistant Alloy

Copper Alloy

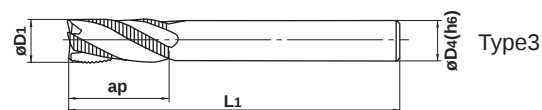
Aluminium Alloy



Type1



Type2



Type3



D4=6	8≤D4≤10	12≤D4≤16	D4=20
0 - 0.008	0 - 0.009	0 - 0.011	0 - 0.013

- Impact Miracle roughing end mills for a wide range of work materials from carbon and alloy steel through to hardened steel and difficult-to-cut materials.

Unit : mm

Order Number	D1	ap	L1	D4	Flutes	Stock	Type
VFSFPRD0300	3	6	50	6	3	●	1
D0400	4	8	50	6	3	●	1
D0500	5	10	50	6	3	●	1
D0600	6	12	50	6	3	●	2
D0700	7	17	60	8	3	●	1
D0800	8	17	60	8	4	●	2
D0900	9	22	70	10	4	●	1
D1000S08	10	22	90	8	4	●	3
D1000	10	22	70	10	4	●	2
D1200S10	12	27	100	10	4	●	3
D1200	12	27	75	12	4	●	2
D1400	14	27	75	12	4	●	3
D1600	16	33	90	16	4	●	2
D1800	18	33	90	16	4	●	3
D2000	20	38	100	20	4	●	2

● : Inventory maintained.

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS

CARBIDE