

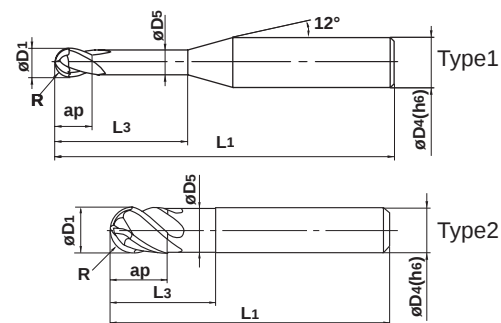
VF4SVB

Ball nose, Short cut length, 4 flute, Variable curve



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
○	○			◎	◎		



	R ≤ 6	R > 6			
	±0.01	±0.02			
	D1 ≤ 12	D1 > 12			
	$\begin{smallmatrix} 0 \\ -0.02 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.03 \end{smallmatrix}$			
	D4 = 6	8 ≤ D4 ≤ 10	12 ≤ D4 ≤ 16	D4 = 20	
	$\begin{smallmatrix} 0 \\ -0.008 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	$\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	

- Impact Miracle ball nose end mill with variable curve ensures stable machining of difficult-to-cut materials.

Unit : mm

Order Number	R	D1	ap	L3	D5	L1	D4	Flutes	Stock	Type
VF4SVBR0100	1	2	3	5	1.9	50	6	4	●	1
R0150	1.5	3	4.5	7.5	2.9	50	6	4	●	1
R0200	2	4	6	10	3.9	50	6	4	●	1
R0250	2.5	5	7.5	12.5	4.9	50	6	4	●	1
R0300	3	6	9	15	5.85	50	6	4	●	2
R0400	4	8	12	20	7.85	60	8	4	●	2
R0500	5	10	15	25	9.7	70	10	4	●	2
R0600	6	12	18	30	11.7	75	12	4	●	2
R0800	8	16	24	40	15.5	90	16	4	●	2
R1000	10	20	30	50	19.5	100	20	4	●	2

● : Inventory maintained.

SQUARE

BALL

RADIUS

TAPER

SOLID END MILLS