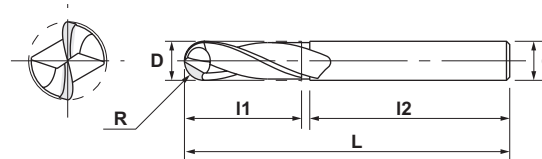


Beam Ball Nose End Mill

METRIC

VN-DBS2 Type

- S shape curved cutting edge
- Negative cutting edge at radius makes it strong



CATALOG NUMBER	STK	DIMENSIONS					
		D	R	I1	I2	L	d
VN-DBS2-020	•	2	1	7	66	80	4
VN-DBS2-030	•	3	1.5	10	66	80	4
VN-DBS2-040	•	4	2	15	62	80	4
VN-DBS2-050	•	5	2.5	18	74	100	6
VN-DBS2-060	•	6	3	20	77	100	6
VN-DBS2-080	•	8	4	30	77	110	8

- Stocked standard
- Inquire regarding delivery

Recommended Cutting Data

Material	Metal Matrix Composite (up to 30% Ceramic content)		Machinable Ceramics	
Type of Machining	$V_c=25\text{m/min}$ $a_p=0.1D$ $a_e=0.3D$		$V_c=8\text{m/min}$ $a_p=0.1D$ $a_e=0.3D$	
	Diameter	N (min^{-1})	Vc (mm/min)	N (min^{-1})
2	6,500	800	2,100	140
3	4,500	700	1,400	130
4	3,300	650	1,000	110
5	2,500	600	850	110
6	2,200	600	700	110
8	1,600	500	500	90