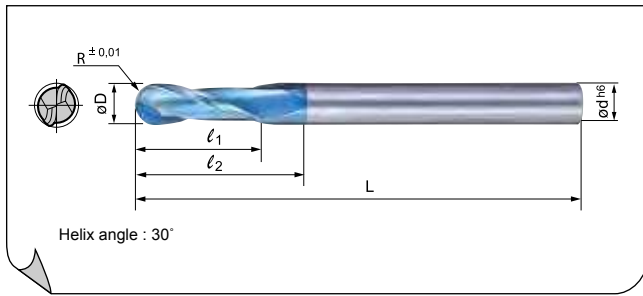


AURORA Coated Ball Endmills SNB 2000DL Type

DLC (Diamond Like Carbon) Coating

DLC coated carbide grade: DL1200



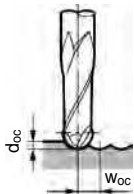
Endmills

(mm)

	Cat. No.	Stock	R	øD	l ₁	l ₂	L	ød
2	SNB 2020 DL	●	1,0	2,0	3	5	60	6
	SNB 2030 DL	●	1,5	3,0	4,5	8	80	6
	SNB 2040 DL	●	2,0	4,0	6	12	80	6
	SNB 2050 DL	●	2,5	5,0	7,5	14	90	6
	SNB 2060 DL	●	3,0	6,0	9	-	100	6
	SNB 2080 DL	●	4,0	8,0	12	-	100	8
	SNB 2100 DL	●	5,0	10,0	15	-	120	10
	SNB 2120 DL	●	6,0	12,0	18	-	120	12
	SNB 2160 DL	●	8,0	16,0	24	-	160	16

Characteristics / Application

- Very smooth AURORA COAT results in low adhesion as well as good surface finish
- With lower cutting forces and high rigidity, this series is suitable for low rigidity machine



Recommended cutting conditions

Work Material	Aluminum Alloy				
	Cutting data	Wet (Emulsion)		Dry	
		Speed (rpm)	Feed (mm/min)	Speed (rpm)	Feed (mm/min)
R = 1	48.000	1.500	48.000	1.000	
R = 1,5	48.000	2.100	48.000	1.500	
R = 2	31.000	2.800	31.000	2.000	
R = 2,5	24.000	2.800	24.000	2.000	
R = 3	20.000	2.800	20.000	2.000	
R = 4	15.000	2.800	15.000	2.000	
R = 5	13.000	3.000	13.000	2.100	
R = 6	10.000	3.000	10.000	2.100	
R = 8	7.700	3.000	7.700	2.100	
Depth and wide of cut	d _{oc}	1,5D		1,0D	
	W _{oc}	0,2D		(D)	

● = Euro stock