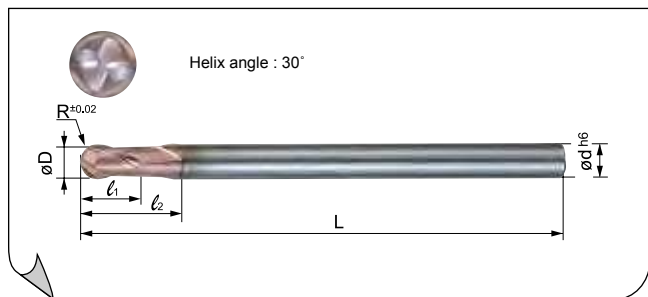


# ZX Coated "Neo Ball" Endmills SNB 2000ZX Type

2

Coated carbide grade: ACZ10M



## Endmills (mm)

Cat. No.	Stock	R	øD	l <sub>1</sub>	l <sub>2</sub>	L	ød
<b>SNB 2010ZX</b>	●	0,5	1	1,5	3	50	4
<b>SNB 2020ZX</b>	●	1,0	2	3,0	5	60	6
<b>SNB 2030ZX</b>	●	1,5	3	4,5	8	80	6
<b>SNB 2040ZX</b>	●	2,0	4	6,0	12	80	6
<b>SNB 2050ZX</b>	●	2,5	5	7,5	14	90	6
<b>SNB 2060ZX</b>	●	3,0	6	9,0	-	100	6
<b>SNB 2070ZX</b>	□	3,5	7	11,0	20	100	8
<b>SNB 2080ZX</b>	●	4,0	8	12,0	-	100	8
<b>SNB 2100ZX</b>	●	5,0	10	15,0	-	120	10
<b>SNB 2120ZX</b>	●	6,0	12	18,0	-	120	12
<b>SNB 2140ZX</b>	●	7,0	14	21,0	38	160	16
<b>SNB 2160ZX</b>	●	8,0	16	24,0	-	160	16
<b>SNB 2180ZX</b>	●	9,0	18	27,0	50	180	20
<b>SNB 2200ZX</b>	●	10,0	20	30,0	-	180	20
<b>SNB 2250ZX</b>		12,5	25	38,0	-	200	25
<b>SNB 2300ZX</b>		15,0	30	45,0	80	200	32



### Recommended conditions

d<sub>0c</sub> = 0,3 x øD, (Below R1,0 ; 0,2 x øD)  
W<sub>0c</sub> = 0,7 x øD, (Below R1,0 ; 0,6 x øD)

R	Material	Carbon steel, Alloy steel		Hardened steel	Cast iron	Stainless steel, Ti-alloy etc.
		(BelowHRC25)	(BelowHRC45)			
R0,5 ~ R1,4	v <sub>c</sub>	200-250-300	100-150-200	100-120-150	100-120-150	60-75-90
	f <sub>t</sub>	0,005-0,010	0,003-0,005	0,002-0,003	0,008-0,015	0,003-0,005
R1,5 ~ R2,9	v <sub>c</sub>	200-250-300	100-150-200	100-120-150	100-120-150	60-75-90
	f <sub>t</sub>	0,013-0,025	0,007-0,013	0,005-0,008	0,017-0,042	0,007-0,013
R3,0 ~ R6,4	v <sub>c</sub>	200-250-300	100-150-200	100-120-150	100-120-150	60-75-90
	f <sub>t</sub>	0,030-0,050	0,017-0,033	0,010-0,020	0,056-0,136	0,017-0,033
R6,5 ~ R9,9	v <sub>c</sub>	200-250-300	100-150-200	100-120-150	100-120-150	60-75-90
	f <sub>t</sub>	0,070-0,100	0,040-0,057	0,020-0,040	0,167-0,238	0,040-0,057
R10,0 ~ R15,0	v <sub>c</sub>	200-250-300	100-150-200	100-120-150	100-120-150	60-75-90
	f <sub>t</sub>	0,118-0,167	0,085-0,095	0,045-0,080	0,250-0,350	0,085-0,095

v<sub>c</sub>=m/min f<sub>t</sub>=mm/tooth