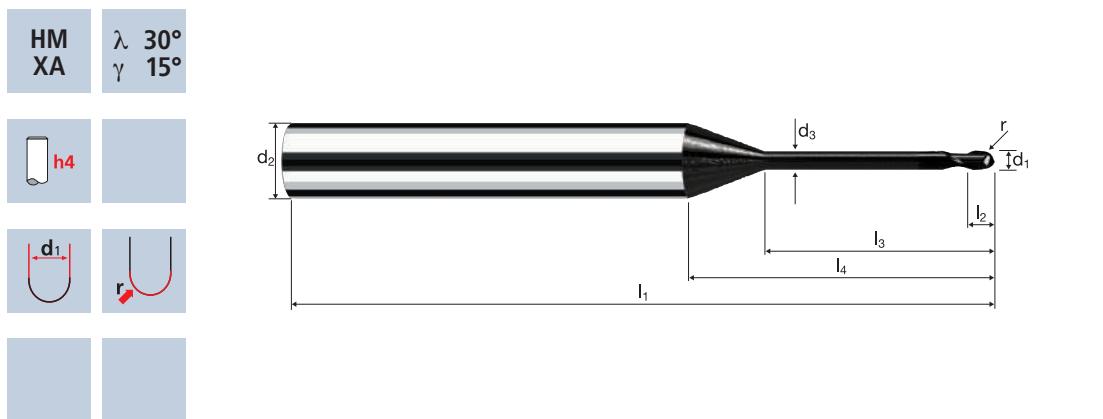


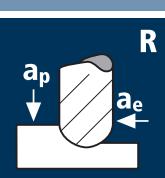
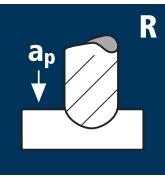
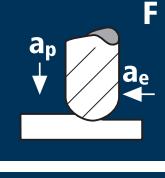
Ball nose end mills MicroX

Shank ø 6mm, cylindrical neck, 12xd

X-Generation



					C Graphite						CF/GF Fiber Reinforced Plastics
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Application	Material	d1 [mm]	z	f _z [mm]	a _p [mm]	a _e [mm]	n=15000 min ⁻¹ vf [mm/min]	n=25000 min ⁻¹ vf [mm/min]	n=30000 min ⁻¹ vf [mm/min]	n=45000 min ⁻¹ vf [mm/min]
	Graphite	0.20	2	0.002	0.060	0.080	60	100	120	180
		0.50	2	0.005	0.150	0.200	150	250	300	450
		0.60	2	0.006	0.200	0.250	180	300	360	540
		0.80	2	0.008	0.250	0.300	240	400	480	720
		1.00	2	0.009	0.300	0.400	270	450	540	810
		1.50	2	0.014	0.450	0.600	420	700	840	1260
		2.00	2	0.019	0.600	0.800	570	950	1140	1710
		3.00	2	0.028	0.900	1.200	840	1400	1680	2520
		4.00	2	0.038	1.200	1.600	1140	1900	2280	3420
	Graphite	0.20	2	0.001	0.040	0.200	30	50	60	90
		0.50	2	0.004	0.100	0.500	120	200	240	360
		0.60	2	0.004	0.100	0.600	120	200	240	360
		0.80	2	0.006	0.150	0.800	180	300	360	540
		1.00	2	0.007	0.200	1.000	210	350	420	630
		1.50	2	0.011	0.300	1.500	330	550	660	990
		2.00	2	0.015	0.400	2.000	450	750	900	1350
		3.00	2	0.022	0.600	3.000	660	1100	1320	1980
		4.00	2	0.029	0.800	4.000	870	1450	1740	2610
	Graphite	0.20	2	0.002	0.020	0.030	60	100	120	180
		0.50	2	0.005	0.050	0.070	150	250	300	450
		0.60	2	0.006	0.060	0.080	180	300	360	540
		0.80	2	0.009	0.080	0.110	270	450	540	810
		1.00	2	0.011	0.100	0.140	330	550	660	990
		1.50	2	0.016	0.150	0.210	480	800	960	1440
		2.00	2	0.021	0.200	0.280	630	1050	1260	1890
		3.00	2	0.032	0.300	0.420	960	1600	1920	2880
		4.00	2	0.043	0.400	0.560	1290	2150	2580	3870
	Graphite	0.20	2	0.002	0.020	0.020	60	100	120	180
		0.50	2	0.005	0.050	0.050	150	250	300	450
		0.60	2	0.006	0.060	0.060	180	300	360	540
		0.80	2	0.009	0.080	0.080	270	450	540	810
		1.00	2	0.011	0.100	0.100	330	550	660	990
		1.50	2	0.016	0.150	0.150	480	800	960	1440
		2.00	2	0.021	0.200	0.200	630	1050	1260	1890
		3.00	2	0.032	0.300	0.300	960	1600	1920	2880
		4.00	2	0.043	0.400	0.400	1290	2150	2580	3870