

MS PLUS END MILLS

MP2XLB **NEW**

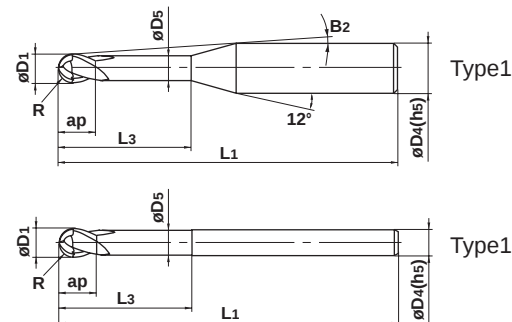
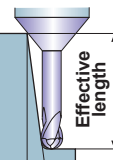
Ball nose, Short cut length, 2 flute, Long neck



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
○	○	○		○	○	○	

Effective length
for inclined angle

Inclined angle



$0.05 \leq R \leq 3$			
± 0.005			



$4 \leq D4 \leq 6$			
0 $- 0.005$			

- 2-flute long neck ball nose end mills. Excellent performance for a wide range of workpiece materials such as carbon steel, alloy steel and hardened steel.

Unit : mm

Order Number	R	D1	ap	L3	D5	B2	L1	D4	Flutes	Stock	Type	Effective length for inclined angle			
												30°	1°	2°	3°
MP2XLB0005N003	0.05	0.1	0.08	0.3	0.085	11.6°	50	4	2	★	1	0.3	0.3	0.4	0.4
R0005N005	0.05	0.1	0.08	0.5	0.085	11.4°	50	4	2	★	1	0.5	0.5	0.6	0.7
R0010N005	0.1	0.2	0.15	0.5	0.18	11.5°	50	4	2	★	1	0.5	0.5	0.6	0.7
R0010N008	0.1	0.2	0.15	0.75	0.18	11.2°	50	4	2	★	1	0.8	0.8	0.9	1
R0010N010	0.1	0.2	0.15	1	0.18	10.9°	50	4	2	★	1	1	1.1	1.2	1.3
R0010N013	0.1	0.2	0.15	1.25	0.18	10.6°	50	4	2	★	1	1.3	1.4	1.5	1.7
R0010N015	0.1	0.2	0.15	1.5	0.18	10.4°	50	4	2	★	1	1.6	1.6	1.8	2
R0010N018	0.1	0.2	0.15	1.75	0.18	10.2°	50	4	2	★	1	1.8	1.9	2.1	2.3
R0010N020	0.1	0.2	0.15	2	0.18	9.9°	50	4	2	★	1	2.1	2.2	2.4	2.6
R0010N025	0.1	0.2	0.15	2.5	0.18	9.5°	50	4	2	★	1	2.6	2.7	3	3.3
R0015N005	0.15	0.3	0.24	0.5	0.28	11.5°	50	4	2	★	1	0.5	0.5	0.6	0.6
R0015N008	0.15	0.3	0.24	0.75	0.28	11.2°	50	4	2	★	1	0.8	0.8	0.9	1
R0015N010	0.15	0.3	0.24	1	0.28	10.9°	50	4	2	★	1	1	1.1	1.2	1.3
R0015N010S06	0.15	0.3	0.24	1	0.28	11.3°	50	6	2	★	1	1	1.1	1.2	1.3
R0015N013	0.15	0.3	0.24	1.25	0.28	10.7°	50	4	2	★	1	1.3	1.4	1.5	1.6
R0015N013S06	0.15	0.3	0.24	1.25	0.28	11.1°	50	6	2	★	1	1.3	1.4	1.5	1.6
R0015N015	0.15	0.3	0.24	1.5	0.28	10.4°	50	4	2	★	1	1.6	1.6	1.8	2
R0015N015S06	0.15	0.3	0.24	1.5	0.28	10.9°	50	6	2	★	1	1.6	1.6	1.8	2
R0015N018	0.15	0.3	0.24	1.75	0.28	10.2°	50	4	2	★	1	1.8	1.9	2.1	2.3
R0015N020	0.15	0.3	0.24	2	0.28	9.9°	50	4	2	★	1	2.1	2.2	2.4	2.6
R0015N025	0.15	0.3	0.24	2.5	0.28	9.5°	50	4	2	★	1	2.6	2.7	3	3.3
R0015N030	0.15	0.3	0.24	3	0.28	9.1°	50	4	2	★	1	3.1	3.3	3.6	4
R0015N035	0.15	0.3	0.24	3.5	0.28	8.7°	50	4	2	★	1	3.7	3.8	4.2	4.6
R0015N040	0.15	0.3	0.24	4	0.28	8.4°	50	4	2	★	1	4.2	4.4	4.8	5.3
R0020N005	0.2	0.4	0.3	0.5	0.37	11.6°	50	4	2	★	1	0.5	0.5	0.5	0.6
R0020N008	0.2	0.4	0.3	0.75	0.37	11.3°	50	4	2	★	1	0.7	0.8	0.9	0.9
R0020N010	0.2	0.4	0.3	1	0.37	11°	50	4	2	★	1	1	1.1	1.2	1.3
R0020N010S06	0.2	0.4	0.3	1	0.37	11.3°	50	6	2	★	1	1	1.1	1.2	1.3
R0020N015	0.2	0.4	0.3	1.5	0.37	10.4°	50	4	2	★	1	1.5	1.6	1.7	1.9
R0020N020	0.2	0.4	0.3	2	0.37	9.9°	50	4	2	★	1	2.1	2.2	2.3	2.6
R0020N020S06	0.2	0.4	0.3	2	0.37	10.6°	50	6	2	★	1	2.1	2.2	2.3	2.6
R0020N025	0.2	0.4	0.3	2.5	0.37	9.5°	50	4	2	★	1	2.6	2.7	2.9	3.3
R0020N030	0.2	0.4	0.3	3	0.37	9.1°	50	4	2	★	1	3.1	3.2	3.5	3.9
R0020N035	0.2	0.4	0.3	3.5	0.37	8.7°	50	4	2	★	1	3.6	3.8	4.1	4.6

★ : Inventory maintained in Japan.