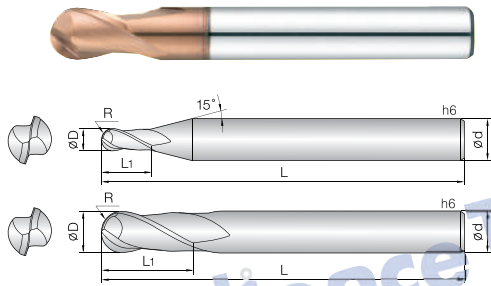


## 2 Flutes Wide Cut Ultra Precision Standard Length Ball End Mills



# 2WUPB

- Ball Endmills for various work material (HRC 50~62) Pre-hardened steels and Hardened steels.
- Good wear resistance by Si-based W coating.
- High-Precise edge tolerance.
- Good surface finish.
- Outstanding performance at high speed machining by ultra fine (0.2µm) grade.



Unit(mm)

Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WUPB 005 010 445	0.5	0.25R	1	-	45	4
2WUPB 006 012 445	0.6	0.3R	1.2	-	45	4
2WUPB 007 015 445	0.7	0.35R	1.5	-	45	4
2WUPB 008 020 445	0.8	0.4R	2	-	45	4
2WUPB 009 020 445	0.9	0.45R	2	-	45	4
2WUPB 010 025 450	1	0.5R	2.5	-	50	4
2WUPB 010 025 650	1	0.5R	2.5	-	50	6
2WUPB 012 030 450	1.2	0.6R	3	-	50	4
2WUPB 015 040 450	1.5	0.75R	4	-	50	4
2WUPB 015 040 650	1.5	0.75R	4	-	50	6
2WUPB 020 050 450	2	1R	5	-	50	4
2WUPB 020 050 650	2	1R	5	-	50	6
2WUPB 025 060 450	2.5	1.25R	6	-	50	4
2WUPB 030 080 450	3	1.5R	8	-	50	4
2WUPB 030 080 660	3	1.5R	8	-	60	6
2WUPB 035 080 660	3.5	1.75R	8	-	60	6
2WUPB 040 080 460	4	2R	8	-	60	4
2WUPB 040 080 675	4	2R	8	-	75	6
2WUPB 045 080 675	4.5	2.25R	8	-	75	6
2WUPB 050 100 675	5	2.5R	10	-	75	6
2WUPB 055 100 675	5.5	2.75R	10	-	75	6
2WUPB 060 120 675	6	3R	12	-	75	6
2WUPB 070 140 875	7	3.5R	14	-	75	8
2WUPB 080 140 8A0	8	4R	14	-	100	8
2WUPB 100 180 AA0	10	5R	18	-	100	10
2WUPB 120 220 CA0	12	6R	22	-	100	12