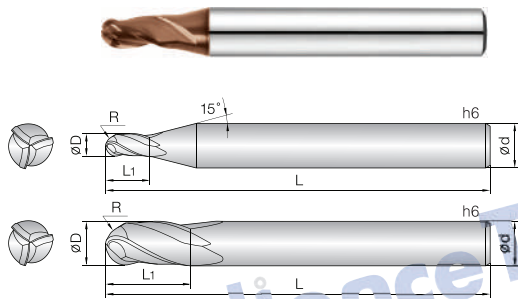


3 Flutes Wide Cut Standard Length Ball End Mills



3WPB

- **Ball Endmills for various work materials (HRC 50~62) Pre-hardened steels and Hardened steels.**
- Good wear resistance by Si-based W coating.
- High-precise edge tolerance.
- High speed, feed applicable by 3 flute ball edge.
- Good surface finish.
- Minimize fracturing by high TRS fine (0.5μm) WC 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
3WPB 010 025 450	1	0.5R	2.5	-	50	4
3WPB 015 040 450	1.5	0.75R	4	-	50	4
3WPB 020 050 650	2	1R	5	-	50	6
3WPB 030 080 660	3	1.5R	8	-	60	6
3WPB 040 080 460	4	2R	8	-	60	4
3WPB 040 080 660	4	2R	8	-	60	6
3WPB 050 100 675	5	2.5R	10	-	75	6
3WPB 060 120 675	6	3R	12	-	75	6
3WPB 060 120 6A0	6	3R	12	-	100	6
3WPB 080 140 8A0	8	4R	14	-	100	8
3WPB 080 140 8F0	8	4R	14	-	150	8
3WPB 100 180 AA0	10	5R	18	-	100	10
3WPB 100 180 AF0	10	5R	18	-	150	10
3WPB 120 220 CA0	12	6R	22	-	100	12
3WPB 120 220 CF0	12	6R	22	-	150	12

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS