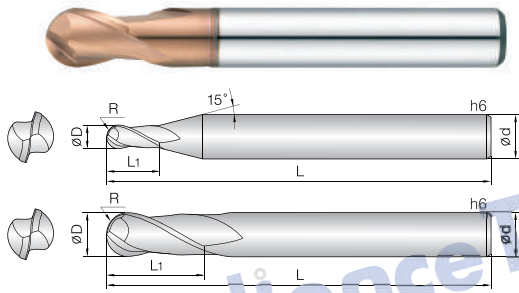


2 Flute Wide Cut Standard Length Ball End Mills



2WPB

- 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.
- 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
2WPB 005 010 445	0.5	0.25R	1	-	45	4
2WPB 006 012 445	0.6	0.3R	1.2	-	45	4
2WPB 007 015 445	0.7	0.35R	1.5	-	45	4
2WPB 008 020 445	0.8	0.4R	2	-	45	4
2WPB 009 020 445	0.9	0.45R	2	-	45	4
2WPB 010 025 345	1	0.5R	2.5	-	45	3
2WPB 010 025 450	1	0.5R	2.5	-	50	4
2WPB 010 025 650	1	0.5R	2.5	-	50	6
2WPB 010 025 660	1	0.5R	2.5	-	60	6
2WPB 010 025 6A0	1	0.5R	2.5	-	100	6
2WPB 011 027 450	1.1	0.55R	2.7	-	50	4
2WPB 012 030 345	1.2	0.6R	3	-	45	3
2WPB 012 030 450	1.2	0.6R	3	-	50	4
2WPB 013 032 450	1.3	0.65R	3.2	-	50	4
2WPB 014 035 450	1.4	0.7R	3.5	-	50	4
2WPB 015 040 350	1.5	0.75R	4	-	50	3
2WPB 015 040 450	1.5	0.75R	4	-	50	4
2WPB 015 040 650	1.5	0.75R	4	-	50	6
2WPB 015 040 660	1.5	0.75R	4	-	60	6
2WPB 015 040 6A0	1.5	0.75R	4	-	100	6
2WPB 016 040 450	1.6	0.8R	4	-	50	4
2WPB 017 042 450	1.7	0.85R	4.2	-	50	4
2WPB 018 045 450	1.8	0.9R	4.5	-	50	4
2WPB 019 047 450	1.9	0.95R	4.7	-	50	4
2WPB 020 050 350	2	1R	5	-	50	3
2WPB 020 050 450	2	1R	5	-	50	4

2 Flute Wide Cut Standard Length Ball End Mills



Unit(mm)

Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2WPB 020 050 650	2	1R	5	-	50	6
2WPB 020 050 675	2	1R	5	-	75	6
2WPB 020 050 6A0	2	1R	5	-	100	6
2WPB 022 055 450	2.2	1.1R	5.5	-	50	4
2WPB 024 060 450	2.4	1.2R	6	-	50	4
2WPB 025 060 350	2.5	1.25R	6	-	50	3
2WPB 025 060 450	2.5	1.25R	6	-	50	4
2WPB 025 060 675	2.5	1.25R	6	-	75	6
2WPB 025 060 6A0	2.5	1.25R	6	-	100	6
2WPB 026 060 450	2.6	1.3R	6	-	50	4
2WPB 028 070 450	2.8	1.4R	7	-	50	4
2WPB 030 080 360	3	1.5R	8	-	60	3
2WPB 030 080 450	3	1.5R	8	-	50	4
2WPB 030 080 660	3	1.5R	8	-	60	6
2WPB 030 080 675	3	1.5R	8	-	75	6
2WPB 030 080 6A0	3	1.5R	8	-	100	6
2WPB 032 080 460	3.2	1.6R	8	-	60	4
2WPB 034 080 460	3.4	1.7R	8	-	60	4
2WPB 035 080 660	3.5	1.75R	8	-	60	6
2WPB 036 090 460	3.6	1.8R	9	-	60	4
2WPB 038 090 460	3.8	1.9R	9	-	60	4
2WPB 040 080 460	4	2R	8	-	60	4
2WPB 040 080 475	4	2R	8	-	75	4
2WPB 040 080 660	4	2R	8	-	60	6
2WPB 040 080 6A0	4	2R	8	-	100	6
2WPB 040 080 6C0	4	2R	8	-	120	6
2WPB 042 100 660	4.2	2.1R	10	-	60	6
2WPB 044 100 660	4.4	2.2R	10	-	60	6
2WPB 045 080 660	4.5	2.25R	8	-	60	6
2WPB 046 100 660	4.6	2.3R	10	-	60	6
2WPB 048 110 660	4.8	2.4R	11	-	60	6
2WPB 050 080 575	5	2.5R	8	-	75	5
2WPB 050 100 675	5	2.5R	10	-	75	6
2WPB 052 120 675	5.2	2.6R	12	-	75	6
2WPB 054 120 675	5.4	2.7R	12	-	75	6
2WPB 055 100 675	5.5	2.75R	10	-	75	6

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

2 Flute Wide Cut Standard Length Ball End Mills



Unit(mm)

	Model Number	Cutting Dia. D	Radius Of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
ECO-CUT	2WPB 056 120 675	5.6	2.8R	12	-	75	6
	2WPB 058 120 675	5.8	2.9R	12	-	75	6
WIDE-CUT	2WPB 060 100 660	6	3R	10	-	60	6
	2WPB 060 120 675	6	3R	12	-	75	6
HARD-CUT	2WPB 060 120 6A0	6	3R	12	-	100	6
	2WPB 060 120 6C0	6	3R	12	-	120	6
	2WPB 060 120 6F0	6	3R	12	-	150	6
	2WPB 070 140 875	7	3.5R	14	-	75	8
ALU-CUT	2WPB 080 140 8A0	8	4R	14	-	100	8
	2WPB 080 140 8A0	8	4R	14	-	100	8
	2WPB 080 140 8F0	8	4R	14	-	150	8
D-CUT	2WPB 090 160 AA0	9	4.5R	16	-	100	10
	2WPB 100 180 AA0	10	5R	18	-	100	10
	2WPB 100 180 AC0	10	5R	18	-	120	10
	2WPB 100 180 AF0	10	5R	18	-	150	10
SUS CUT	2WPB 100 180 AK0	10	5R	18	-	200	10
	2WPB 110 200 CA0	11	5.5R	20	-	100	12
	2WPB 120 220 CA0	12	6R	22	-	100	12
	2WPB 120 220 CA0	12	6R	22	-	100	12
MAGIC DRILLS	2WPB 120 220 CF0	12	6R	22	-	150	12
	2WPB 120 220 CK0	12	6R	22	-	200	12
	2WPB 130 240 EA0	13	6.5R	24	-	100	14
	2WPB 140 240 EA0	14	7R	24	-	100	14
	2WPB 160 300 GA0	16	8R	30	-	100	16
	2WPB 160 300 GF0	16	8R	30	-	150	16
	2WPB 160 300 GK0	16	8R	30	-	200	16
	2WPB 200 380 KA0	20	10R	38	-	100	20
	2WPB 200 380 KF0	20	10R	38	-	150	20
	2WPB 200 380 KK0	20	10R	38	-	200	20