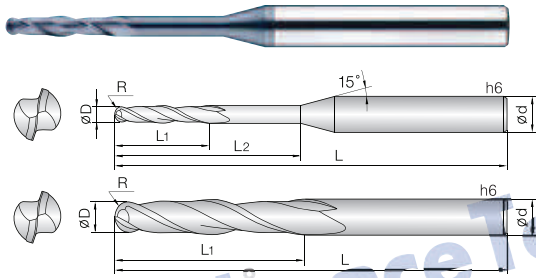


## 2 Flutes Long Shank Ball Endmills For Graphite

# 2GBE



- Ball Endmills for various work materials, graphite, hardened steels (HRC 48), pre-hardened steels, tool steels and cast irons.
- Excellent performance with low cutting force by DLC coating.
- Long flute length optimized for deep-side wall machining of graphite.
- Applied fine WC grade optimized for various non-ferrous and non-metallic work materials.



Unit(mm)

Model Number	Cutting Dia. D	Radius of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2GBE 005 020 450	0.5	0.25R	2	–	50	4
2GBE 005 050 450	0.5	0.25R	2	5	50	4
2GBE 010 050 460	1	0.5R	5	–	60	4
2GBE 010 050 660	1	0.5R	5	–	60	6
2GBE 010 100 460	1	0.5R	5	10	60	4
2GBE 010 100 660	1	0.5R	5	10	60	6
2GBE 010 150 460	1	0.5R	5	15	60	4
2GBE 010 200 460	1	0.5R	5	20	60	4
2GBE 010 250 470	1	0.5R	5	25	70	4
2GBE 010 300 480	1	0.5R	5	30	80	4
2GBE 010 350 480	1	0.5R	5	35	80	4
2GBE 010 400 490	1	0.5R	5	40	90	4
2GBE 015 080 660	1.5	0.75R	8	–	60	6
2GBE 015 100 460	1.5	0.75R	8	10	60	4
2GBE 015 150 460	1.5	0.75R	8	15	60	4
2GBE 015 150 660	1.5	0.75R	8	15	60	6
2GBE 015 200 460	1.5	0.75R	8	20	60	4
2GBE 015 250 470	1.5	0.75R	8	25	70	4
2GBE 015 300 480	1.5	0.75R	8	30	80	4
2GBE 015 350 480	1.5	0.75R	8	35	80	4
2GBE 015 400 490	1.5	0.75R	8	40	90	4
2GBE 020 100 460	2	1R	10	–	60	4
2GBE 020 100 670	2	1R	10	–	70	6
2GBE 020 150 460	2	1R	10	15	60	4
2GBE 020 200 460	2	1R	10	20	60	4
2GBE 020 200 670	2	1R	10	20	70	6

## 2 Flutes Long Shank Ball Endmills For Graphite



							Unit(mm)
Model Number	Cutting Dia. D	Radius of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d	
2GBE 020 250 470	2	1R	10	25	70	4	
2GBE 020 300 480		1R	10	30	80	4	
2GBE 020 350 480	2	1R	10	35	80	4	
2GBE 020 400 490	2	1R	10	40	90	4	
2GBE 020 500 4A0	2	1R	10	50	100	4	
2GBE 020 600 4A0	2	1R	10	60	100	4	
2GBE 025 200 470	2.5	1.25R	10	20	70	4	
2GBE 030 150 3A0	3	1.5R	15	-	100	3	
2GBE 030 150 670	3	1.5R	15	-	70	6	
2GBE 030 200 470	3	1.5R	15	20	70	4	
2GBE 030 300 480	3	1.5R	15	30	80	4	
2GBE 030 300 675	3	1.5R	15	30	75	6	
2GBE 030 400 490	3	1.5R	15	40	90	4	
2GBE 030 400 690	3	1.5R	15	40	90	6	
2GBE 030 500 4A0	3	1.5R	15	50	100	4	
2GBE 030 600 4A0	3	1.5R	15	60	100	4	
2GBE 040 200 480	4	2R	20	-	80	4	
2GBE 040 200 4A0	4	2R	20	-	100	4	
2GBE 040 200 4D0	4	2R	20	-	130	4	
2GBE 040 200 675	4	2R	20	-	75	6	
2GBE 040 350 690	4	2R	20	35	90	6	
2GBE 040 450 6A0	4	2R	20	45	100	6	
2GBE 050 250 5A0	5	2.5R	25	-	100	5	
2GBE 050 250 5D0	5	2.5R	25	-	130	5	
2GBE 050 250 690	5	2.5R	25	-	90	6	
2GBE 050 500 6B0	5	2.5R	25	50	110	6	
2GBE 060 250 6B0	6	3R	25	-	110	6	
2GBE 060 300 6F0	6	3R	30	-	150	6	
2GBE 060 300 6K0	6	3R	30	-	200	6	
2GBE 060 300 6M0	6	3R	30	-	220	6	
2GBE 080 350 8B0	8	4R	35	-	110	8	
2GBE 080 400 8F0	8	4R	40	-	150	8	
2GBE 080 400 8K0	8	4R	40	-	200	8	
2GBE 080 400 8M0	8	4R	40	-	220	8	
2GBE 100 400 AC0	10	5R	40	-	120	10	
2GBE 100 450 AF0	10	5R	45	-	150	10	
2GBE 100 450 AK0	10	5R	45	-	200	10	

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS

## 2 Flutes Long Shank Ball Endmills For Graphite



Unit(mm)

Model Number	Cutting Dia. D	Radius of BN R	Length Of Cut L1	Effective Length L2	Overall Length L	Shank dia d
2GBE 100 450 AN0	10	5R	45	-	230	10
2GBE 120 500 CD0	12	6R	50	-	130	12
2GBE 120 500 CF0	12	6R	50	-	150	12
2GBE 120 550 CK0	12	6R	55	-	200	12
2GBE 120 550 CP0	12	6R	55	-	250	12
2GBE 160 600 GG0	16	8R	60	-	160	16
2GBE 160 650 GK0	16	8R	65	-	200	16
2GBE 160 650 GP0	16	8R	65	-	250	16
2GBE 160 700 GW0	16	8R	70	-	320	16
2GBE 200 700 KG0	20	10R	70	-	160	20
2GBE 200 750 KK0	20	10R	75	-	200	20
2GBE 200 750 KP0	20	10R	75	-	250	20
2GBE 200 900 KW0	20	10R	90	-	320	20
2GBE 250 1000 PP0	25	12.5R	100	-	250	25

ECO-CUT

WIDE-CUT

HARD-CUT

ALU-CUT

D-CUT

SUS CUT

MAGIC DRILLS