

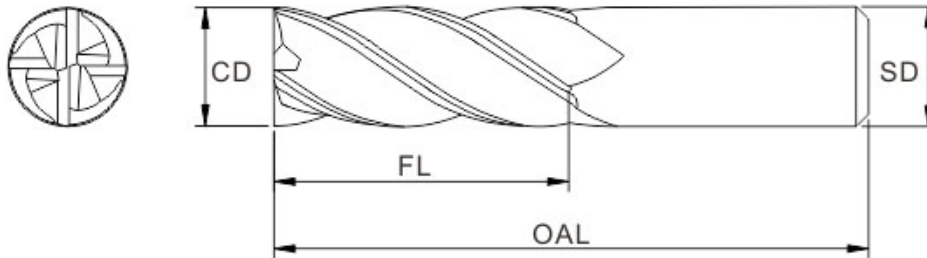
**BIG-BITE
EXTREME POWER**



CARBIDE, 4 FLUTE SQUARE END MILLS

- Designed to machine high hardened materials.
- Suitable for dry & wet cutting high speed machine.
- Excellent workpiece finishing.
- Normal slotting is possible by reduced SPEED.
- Deep sharp edge to preventing the chipping in high speed machining.
- Strong wear-resistance. With AlTiN coating technology double layers.

Helix angle 38° Deep Core
Coating AlTiN
Tolerance Ø1~Ø6 ±0.015
 Ø6~Ø8 ±0.030



4 Flute Square End Mills BBS100 SERIES

STANDARD LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBS100	04064		4	11	6	50			
	05064		5	15	6	50			
	06064		6	19	6	63			
	08064		8	21	8	63			
	10064		10	22	10	76			
	12064		12	25	12	76			
	14064		14	30	14	89			
	16064		16	35	16	100			

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4 Flute Square End Mills BBS300 SERIES

LONG CUTTING LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBS300	040614		4	20	6	100			
	050614		5	25	6	100			
	060614		6	40	6	100			
	080614		8	35	8	100			
	100614		10	40	10	100			
	120614		12	50	12	100			
	140614		14	55	14	120			
	160614		16	60	16	150			
	180614		18	65	18	150			
	200614		20	70	20	200			

All above characteristics of AlTiN coating technology available

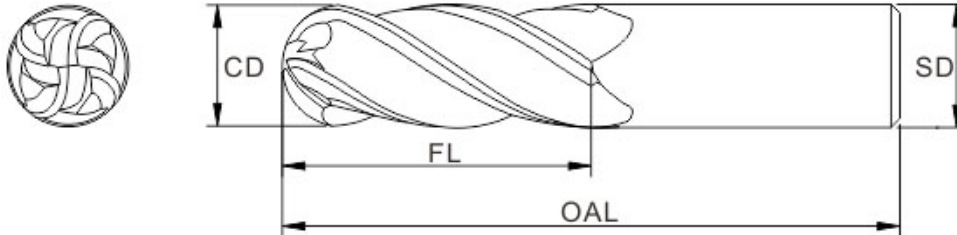
◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels HRC 40~45 HRC 50~58	High Hardened Steels HRC 58~68	Copper	Graphite	Cast Iron	Aluminum
		○	○	◎	○			

CARBIDE, 4 FLUTE BALLNOSE END MILLS

- Designed to machine high hardened materials.
- Suitable for dry & wet cutting high speed machine.
- Excellent workpiece finishing.
- Normal slotting is possible by reduced SPEED.
- Deep sharp edge to preventing the chipping in high speed machining.
- Strong wear-resistance. With AlTiN coating technology double layers.

Helix angle	30° Deep Core
Coating	AlTiN
Tolerance	Ø1~Ø6 ±0.015 Ø6~Ø8 ±0.030



4Flute BallNose End Mills BBB200 SERIES

STANDARD LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBB200	04064	2,0	4	11	6	50			
	05064	2,5	5	15	6	50			
	06064	3,0	6	19	6	63			
	08064	4,0	8	21	8	63			
	10064	5,0	10	22	10	76			
	12064	6,0	12	25	12	76			
	14064	7,0	14	30	14	89			
	16064	8,0	16	35	16	100			

4Flute BallNose End Mills BBL400 SERIES

LONG CUTTING LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBL400	040614	2,0	4	20	6	100			
	050614	2,5	5	25	6	100			
	060614	3,0	6	40	6	100			
	080614	4,0	8	35	8	100			
	100614	5,0	10	40	10	100			
	120614	6,0	12	50	12	100			
	140614	7,0	14	55	14	120			
	160614	8,0	16	60	16	150			
	180614	9,0	18	65	18	150			
	200614	10,0	20	70	20	200			

All above characteristics of AlTiN coating technology available

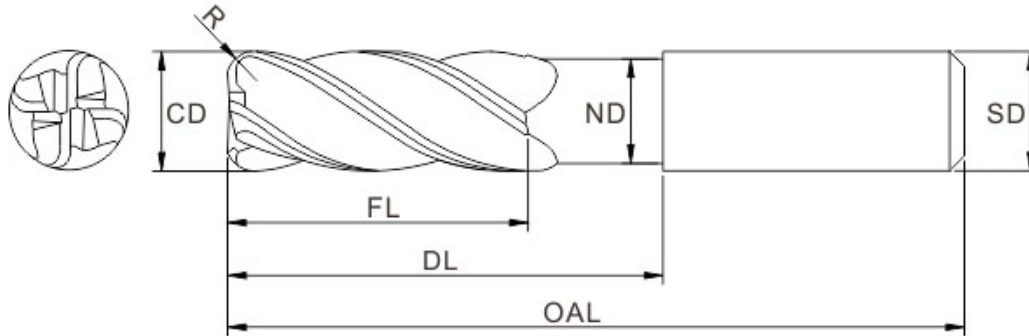
⊙ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels HRC 40~45 HRC 50~58	High Hardened Steels HRC 58~68	Copper	Graphite	Cast Iron	Aluminum
		○	○	⊙	○			

CARBIDE, 4 FLUTE CORNER RADIUS END MILLS

- Designed to machine high hardened materials.
- Suitable for dry & wet cutting high speed machine.
- Excellent workpiece finishing.
- Normal slotting is possible by reduced SPEED.
- Deep sharp edge to preventing the chipping in high speed machining.
- Strong wear-resistance. With AlTiN coating technology double layers.

Helix angle	38° Deep Core
Coating	AlTiN
Tolerance	Ø1~Ø6 ±0.005
Corner Radius	Ø6~Ø8 ±0.010



4 Flute Corner Radius End Mills BBC500 SERIES

STANDARD LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBC500	03034	0,3	3	6	6	50	8	2.85	
	03054	0,5	3	6	6	50	8	2.85	
	04054	0,5	4	8	6	50	10	3.85	
	04104	1,0	4	8	6	50	10	3.85	
	05054	0,5	5	8	6	50	12	4.85	
	05104	1,0	5	8	6	50	12	4.85	
	06054	0,5	6	8	6	50	12	5.80	
	06104	1,0	6	8	6	50	12	5.80	
	08054	0,5	8	10	8	63	15	7.80	
	08104	1,0	8	10	8	63	15	7.80	
	10054	0,5	10	12	10	75	20	9.80	
	10104	1,0	10	12	10	75	20	9.80	
	12054	0,5	12	15	12	75	20	11.80	
12104	1,0	12	15	12	75	20	11.80		

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4 Flute Corner Radius End Mills BBCL600 SERIES

LONG CUTTING LENGTH SERIES

Model No.		Radius	Cutting Diameter	Flute Length	Shank Diameter	Over all Length	Effective Length	Neck Dia	Unit /Price
Code	EDP No.	R	CD mm	FL mm	SD mm	OAL mm	DL mm	ND mm	US\$
BBCL600	030514	0,5	3	6	6	75	20	2.85	
	040514	0,5	4	8	6	75	25	3.85	
	041014	1,0	4	8	6	75	25	3.85	
	050514	0,5	5	8	6	75	25	4.85	
	051014	1,0	5	8	6	75	25	4.85	
	060514	0,5	6	8	6	100	30	5.80	
	061014	1,0	6	8	6	100	30	5.80	
	080514	0,5	8	10	8	100	30	7.80	
	081014	1,0	8	10	8	100	30	7.80	
	100514	0,5	10	12	10	100	30	9.80	
	101014	1,0	10	12	10	100	30	9.80	
	120514	0,5	12	15	12	100	30	11.80	
	121014	1,0	12	15	12	100	30	11.80	

All above characteristics of AlTiN coating technology available

◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels HRC 40~45 HRC 50~58	High Hardened Steels HRC 58~68	Copper	Graphite	Cast Iron	Aluminum
		○	○	◎	○			