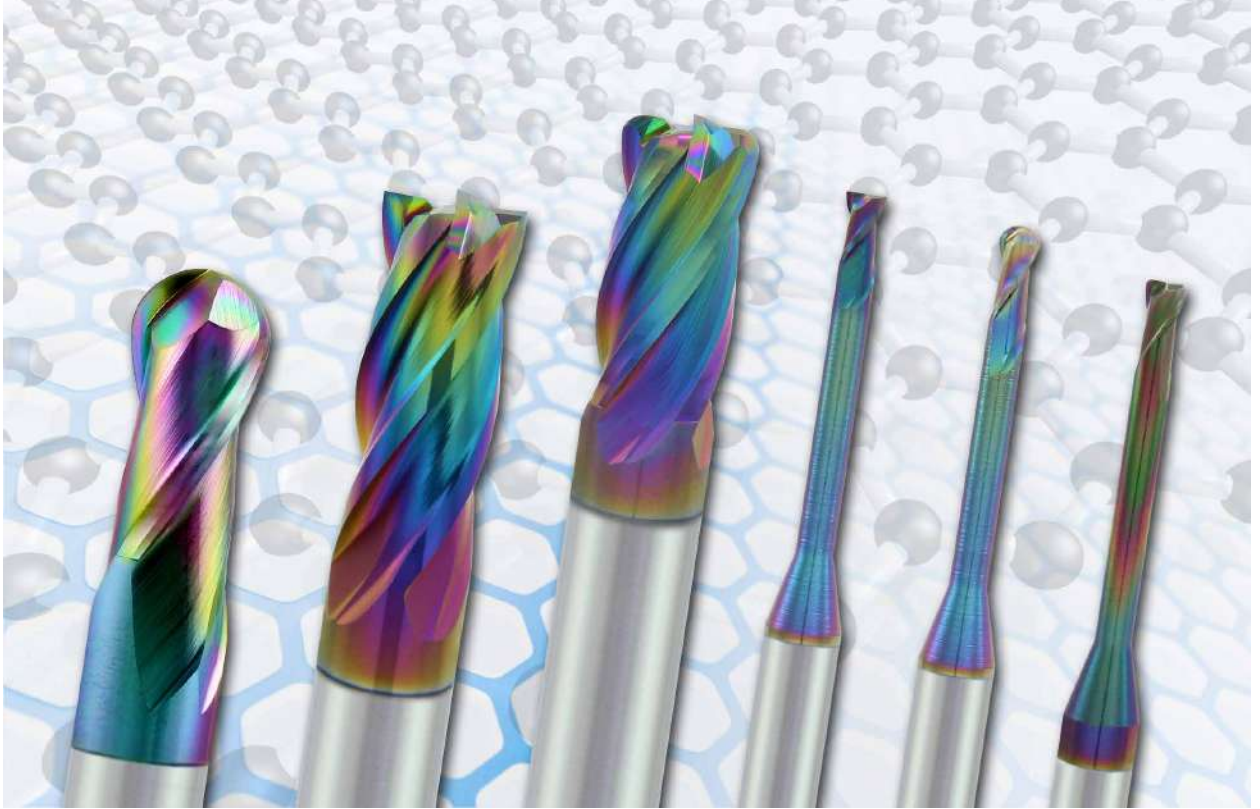


A200 Series for Graphite milling (Non-Ferrous Metals)



Milling

Solid Carbide Endmills

- Suitable for Graphite.
- Available in various effective length.
- Suitable carbide rod brings good tightness of Diamond coating.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

Index

Appearance	Series	Code No.		Num of Teeth	Helix Angle	Coating	Working Materials						Page
							P	M	K	N	S	H	

A200 Series for Graphite milling (Non-Ferrous Metals)

	Square · 4F	EGSSC	Ø3-Ø12			NDLC						●			A181
	Ball Nose · 2F	EGBSC	0.1R-6R			NDLC						●			A182
	Corner Radius · 4F	EGCSC	Ø3-Ø12			NDLC						●			A183
	Long Neck Square · 2F	EGSRC	Ø0.5-Ø6			NDLC						●			A184
	Long Neck Ball Nose · 2F	EGBRC	0.25R-3R			NDLC						●			A185
	Long Neck Corner Radius · 2F	EGCRC	Ø1-Ø6			NDLC						●			A186

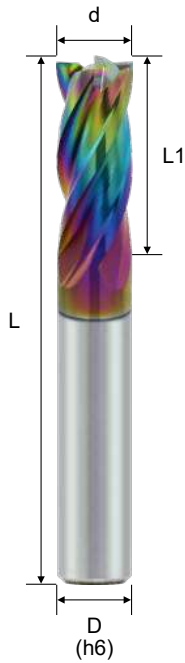
Milling

Solid Carbide Endmills

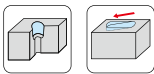
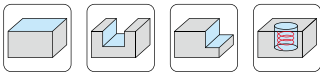
A200 - Graphite · Square · 4F

- Suitable for Graphite.
- Strong geometry design has excellent cutting ability of cutting edges.
- High precision cutting for side milling.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGSSC



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
* EGSSC443000L	3	8	50	4	4
* EGSSC444000L	4	10	50	4	4
EGSSC404000L	4	10	50	6	4
EGSSC405000L	5	13	50	6	4
EGSSC406000L	6	15	50	6	4
EGSSC408000L	8	20	60	8	4
EGSSC410000L	10	25	75	10	4
EGSSC412000L	12	30	75	12	4



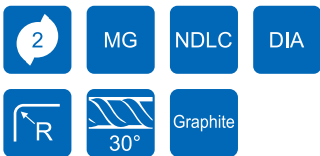
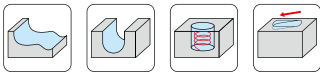
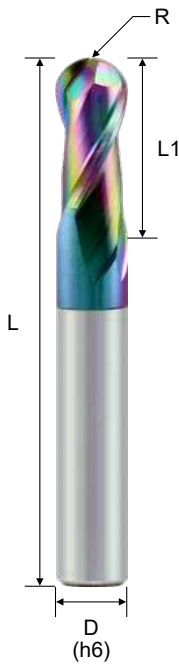
d Tolerance	
d ≤ 6	0 ~ -0.02
6 < d ≤ 12	0 ~ -0.03
d > 12	0 ~ -0.04

* NDLC Nano DLC coating DIA Diamond Coating

A200 - Graphite · Ball Nose · 2F

- Suitable for Graphite.
- New tool geometry increases wear resistance and cutting force is decreased.
- Suitable for high speed profile surface milling.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGBSC



R Tolerance	
R ≤ 3	±0.015
R > 3	±0.020

Order No.	Radius (R)	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
* EGBSC240200L	0.10R	0.2	0.4	50	4	2
* EGBSC240300L	0.15R	0.3	0.6	50	4	2
* EGBSC240400L	0.20R	0.4	0.8	50	4	2
* EGBSC240500L	0.25R	0.5	1.0	50	4	2
* EGBSC240600L	0.30R	0.6	1.2	50	4	2
* EGBSC240700L	0.35R	0.7	1.4	50	4	2
* EGBSC240800L	0.40R	0.8	1.6	50	4	2
* EGBSC240900L	0.45R	0.9	1.8	50	4	2
* EGBSC241000L	0.50R	1.0	2.0	50	4	2
* EGBSC241500L	0.75R	1.5	3.0	50	4	2
* EGBSC242000L	1.00R	2.0	4.0	50	4	2
* EGBSC243000L	1.50R	3.0	6.0	50	4	2
* EGBSC244000L	2.00R	4.0	8.0	50	4	2
EGBSC204000L	2.00R	4.0	8.0	50	6	2
EGBSC205000L	2.50R	5.0	10.0	50	6	2
EGBSC206000L	3.00R	6.0	12.0	50	6	2
EGBSC208000L	4.00R	8.0	16.0	60	8	2
EGBSC210000L	5.00R	10.0	20.0	75	10	2
EGBSC212000L	6.00R	12.0	24.0	75	12	2

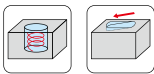
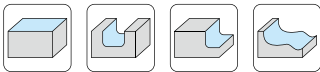
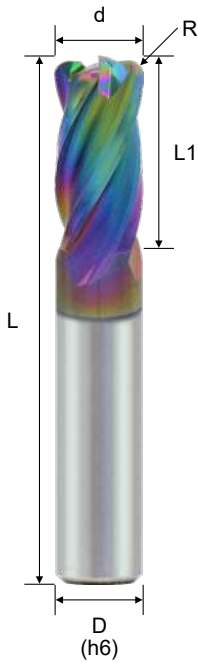


* NDLC Nano DLC coating DIA Diamond Coating

A200 - Graphite · Corner Radius · 4F

- Suitable for Graphite.
- Corner radius with multiple design increases the finish milling surface.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGCSC



Order No.	Dia. (d)	Corner Radius (R)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
* EGCSC443003L	3	0.3R	6	50	4	4
* EGCSC443005L	3	0.5R	6	50	4	4
* EGCSC443010L	3	1.0R	6	50	4	4
EGCSC403003L	3	0.3R	6	50	6	4
EGCSC403005L	3	0.5R	6	50	6	4
EGCSC403010L	3	1.0R	6	50	6	4
* EGCSC444003L	4	0.3R	8	50	4	4
* EGCSC444005L	4	0.5R	8	50	4	4
* EGCSC444010L	4	1.0R	8	50	4	4
EGCSC404003L	4	0.3R	8	50	6	4
EGCSC404005L	4	0.5R	8	50	6	4
EGCSC404010L	4	1.0R	8	50	6	4
EGCSC405005L	5	0.5R	10	50	6	4
EGCSC405010L	5	1.0R	10	50	6	4
EGCSC406003L	6	0.3R	12	50	6	4
EGCSC406005L	6	0.5R	12	50	6	4
EGCSC406010L	6	1.0R	12	50	6	4
EGCSC408005L	8	0.5R	16	60	8	4
EGCSC408010L	8	1.0R	16	60	8	4
EGCSC408015L	8	1.5R	16	60	8	4
EGCSC410005L	10	0.5R	20	75	10	4
EGCSC410010L	10	1.0R	20	75	10	4
EGCSC410015L	10	1.5R	20	75	10	4
EGCSC410020L	10	2.0R	20	75	10	4
EGCSC412005L	12	0.5R	24	75	12	4
EGCSC412010L	12	1.0R	24	75	12	4
EGCSC412015L	12	1.5R	24	75	12	4
EGCSC412020L	12	2.0R	24	75	12	4
EGCSC412030L	12	3.0R	24	75	12	4

* NDLC Nano DLC coating DIA Diamond Coating

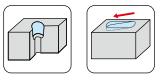
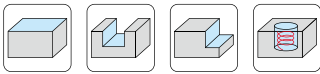
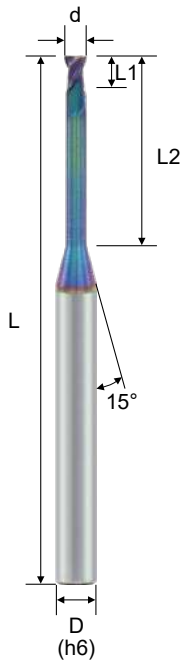
d Tolerance	
d ≤ 6	0 ~ -0.02
6 < d ≤ 12	0 ~ -0.03
d > 12	0 ~ -0.04

R Tolerance	
R < 2	±0.015
R ≥ 2	±0.020

A200 - Graphite · Long Neck · Square · 2F

- Suitable for Graphite.
- Available in various effective length.
- Suitable for deep cutting application.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGSRC



d Tolerance	
d ≤ 6	0 ~ -0.02
6 < d ≤ 12	0 ~ -0.03
d > 12	0 ~ -0.04

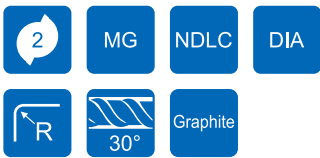
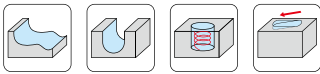
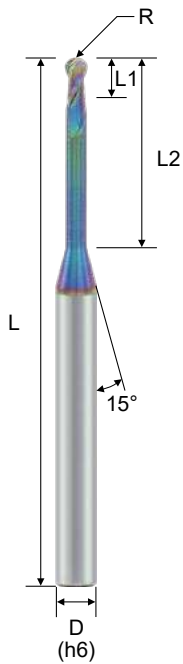
Order No.	Dia. (d)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
* EGSRC240504L	0.5	0.6	4	50	4	2
* EGSRC240506L	0.5	0.6	6	50	4	2
* EGSRC240508L	0.5	0.6	8	50	4	2
* EGSRC241006L	1.0	1.2	6	50	4	2
* EGSRC241008L	1.0	1.2	8	50	4	2
* EGSRC241012L	1.0	1.2	12	50	4	2
* EGSRC241016L	1.0	1.2	16	50	4	2
* EGSRC241020L	1.0	1.2	20	50	4	2
* EGSRC241508L	1.5	1.8	8	50	4	2
* EGSRC241512L	1.5	1.8	12	50	4	2
* EGSRC241516L	1.5	1.8	16	50	4	2
* EGSRC241520L	1.5	1.8	20	50	4	2
* EGSRC242010L	2.0	2.5	10	50	4	2
* EGSRC242016L	2.0	2.5	16	50	4	2
* EGSRC242020L	2.0	2.5	20	50	4	2
* EGSRC242025L	2.0	2.5	25	60	4	2
EGSRC203012L	3.0	3.5	12	50	6	2
EGSRC203020L	3.0	3.5	20	60	6	2
EGSRC203025L	3.0	3.5	25	60	6	2
EGSRC203030L	3.0	3.5	30	75	6	2
EGSRC204016L	4.0	4.5	16	50	6	2
EGSRC204020L	4.0	4.5	20	60	6	2
EGSRC204025L	4.0	4.5	25	60	6	2
EGSRC204030L	4.0	4.5	30	75	6	2
EGSRC204035L	4.0	4.5	35	75	6	2
EGSRC205020L	5.0	7.0	20	60	6	2
EGSRC205025L	5.0	7.0	25	60	6	2
EGSRC205030L	5.0	7.0	30	75	6	2
EGSRC205035L	5.0	7.0	35	75	6	2
EGSRC206020L	6.0	10.0	20	60	6	2
EGSRC206030L	6.0	10.0	30	75	6	2

* NDLC Nano DLC coating DIA Diamond Coating

A200 - Graphite · Long Neck · Ball Nose · 2F

- Suitable for Graphite.
- Reduce vibration and more toughness.
- It provides an excellent surface due to better surface grindings.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGBRC



R Tolerance	
R ≤ 3	±0.015
R > 3	±0.020

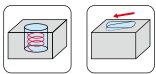
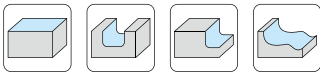
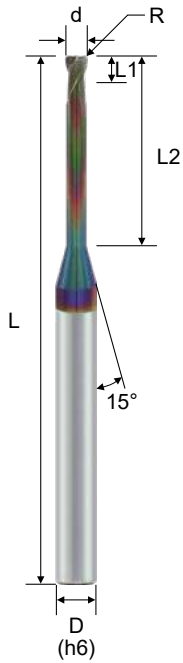
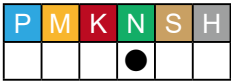
Order No.	Radius (R)	Dia. (d)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
* EGBRC240504L	0.25R	0.5	0.5	4	50	4	2
* EGBRC240506L	0.25R	0.5	0.5	6	50	4	2
* EGBRC240508L	0.25R	0.5	0.5	8	50	4	2
* EGBRC241006L	0.50R	1.0	1.0	6	50	4	2
* EGBRC241008L	0.50R	1.0	1.0	8	50	4	2
* EGBRC241012L	0.50R	1.0	1.0	12	50	4	2
* EGBRC241016L	0.50R	1.0	1.0	16	50	4	2
* EGBRC241020L	0.50R	1.0	1.0	20	50	4	2
* EGBRC241508L	0.75R	1.5	1.5	8	50	4	2
* EGBRC241512L	0.75R	1.5	1.5	12	50	4	2
* EGBRC241516L	0.75R	1.5	1.5	16	50	4	2
* EGBRC241520L	0.75R	1.5	1.5	20	50	4	2
* EGBRC242010L	1.00R	2.0	2.0	10	50	4	2
* EGBRC242016L	1.00R	2.0	2.0	16	50	4	2
* EGBRC242020L	1.00R	2.0	2.0	20	50	4	2
* EGBRC242025L	1.00R	2.0	2.0	25	60	4	2
EGBRC203012L	1.50R	3.0	3.0	12	50	6	2
EGBRC203016L	1.50R	3.0	3.0	16	60	6	2
EGBRC203020L	1.50R	3.0	3.0	20	60	6	2
EGBRC203025L	1.50R	3.0	3.0	25	60	6	2
EGBRC203030L	1.50R	3.0	3.0	30	75	6	2
EGBRC204016L	2.00R	4.0	4.0	16	60	6	2
EGBRC204020L	2.00R	4.0	4.0	20	60	6	2
EGBRC204025L	2.00R	4.0	4.0	25	60	6	2
EGBRC204030L	2.00R	4.0	4.0	30	75	6	2
EGBRC205020L	2.50R	5.0	5.0	20	60	6	2
EGBRC205025L	2.50R	5.0	5.0	25	60	6	2
EGBRC205030L	2.50R	5.0	5.0	30	75	6	2
EGBRC206020L	3.00R	6.0	10.0	20	60	6	2
EGBRC206030L	3.00R	6.0	10.0	30	75	6	2

* NDLC Nano DLC coating DIA Diamond Coating

A200 - Graphite · Long Neck · Corner Radius · 2F

- Suitable for Graphite.
- Available in various cut lengths.
- Corner radius with long neck are suitable for deep general cutting and 3D milling.
- NDLC - Nano DLC coating provides exceptional wear resistance and good tool life.
- DIA - Diamond coating provides exceptional wear resistance and good tool life.

EGCRC



d Tolerance	
d ≤ 6	0 ~ -0.02
6 < d ≤ 12	0 ~ -0.03
d > 12	0 ~ -0.04

R Tolerance	
R < 2	±0.015
R ≥ 2	±0.020

Order No.	Dia. (d)	Corner Radius (R)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
*EGCRC24100106L	1	0.1R	1	6	50	4	2
*EGCRC24100108L	1	0.1R	1	8	50	4	2
*EGCRC24100110L	1	0.1R	1	10	50	4	2
*EGCRC24100112L	1	0.1R	1	12	50	4	2
*EGCRC24200210L	2	0.2R	2	10	50	4	2
*EGCRC24200216L	2	0.2R	2	16	50	4	2
*EGCRC24200220L	2	0.2R	2	20	50	4	2
*EGCRC24200225L	2	0.2R	2	25	60	4	2
*EGCRC24200510L	2	0.5R	2	10	50	4	2
*EGCRC24200516L	2	0.5R	2	16	50	4	2
*EGCRC24200520L	2	0.5R	2	20	50	4	2
*EGCRC24200525L	2	0.5R	2	25	60	4	2
EGCRC20300210L	3	0.2R	3	10	50	6	2
EGCRC20300220L	3	0.2R	3	20	60	6	2
EGCRC20300230L	3	0.2R	3	30	75	6	2
EGCRC20300510L	3	0.5R	3	10	50	6	2
EGCRC20300520L	3	0.5R	3	20	60	6	2
EGCRC20300530L	3	0.5R	3	30	75	6	2
EGCRC20400516L	4	0.5R	4	16	60	6	2
EGCRC20400525L	4	0.5R	4	25	60	6	2
EGCRC20400535L	4	0.5R	4	35	75	6	2
EGCRC20401016L	4	1.0R	4	16	60	6	2
EGCRC20401025L	4	1.0R	4	25	60	6	2
EGCRC20401035L	4	1.0R	4	35	75	6	2
EGCRC20500520L	5	0.5R	5	20	60	6	2
EGCRC20500530L	5	0.5R	5	30	75	6	2
EGCRC20600520L	6	0.5R	7	20	60	6	2
EGCRC20600530L	6	0.5R	7	30	75	6	2
EGCRC20601020L	6	1.0R	7	20	60	6	2
EGCRC20601030L	6	1.0R	7	30	75	6	2

* NDLC Nano DLC coating DIA Diamond Coating