

H600 Series

High speed cutting for alloy steel

NEW

- ***For wide range material and more economical cutting.***
- ***high speed cutting for alloy steel.***
- ***For general cutting in hardened steel HRC 40 ~ 60.***

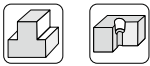
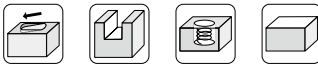
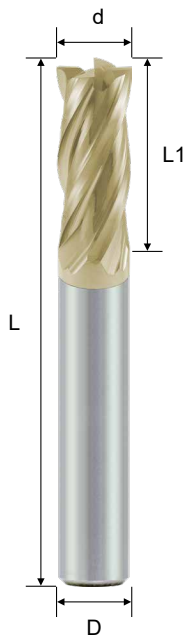


Solid Carbide Endmills

H600 - Square Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHS □ C



d	Tolerance
∅ < 3	0 ~ -0.02
3 ≤ ∅ ≤ 10	0 ~ -0.03
∅ > 10	0 ~ -0.04

Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHSTC403000S	3.0	8	50	3	4
EHSFC401000S	1.0	3	50	4	4
EHSFC401500S	1.5	4	50	4	4
EHSFC402000S	2.0	5	50	4	4
EHSFC402500S	2.5	6	50	4	4
EHSFC403000S	3.0	8	50	4	4
EHSFC404000S	4.0	10	50	4	4
EHSSC405000S	5.0	13	50	6	4
EHSSC406000S	6.0	15	50	6	4
EHSSC408000S	8.0	20	60	8	4
EHSSC410000S	10.0	25	75	10	4
EHSSC412000S	12.0	30	75	12	4
EHSSC414000S	14.0	30	75	14	4
EHSSC416000S	16.0	35	100	16	4
EHSSC420000S	20.0	45	100	20	4
EHSSC425000S	25.0	45	100	25	4

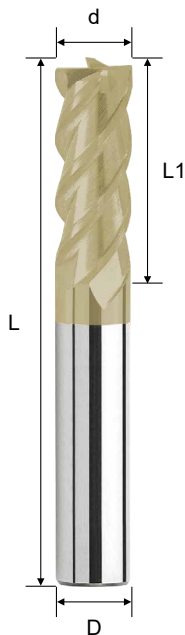
INCH SIZE

EPSSC403X00S	1/8	3/8	1-1/2	1/8	4
EPSSC404X00S	3/16	9/16	2	3/16	4
EPSSC406X00S	1/4	3/4	2-1/2	1/4	4
EPSSC409X00S	3/8	7/8	2-1/2	3/8	4
EPSSC412X00S	1/2	1	3	1/2	4
EPSSC415X00S	5/8	1-1/4	3-1/2	5/8	4
EPSSC419X00S	3/4	1-1/2	4	3/4	4
EPSSC425X00S	1	1-1/2	4	1	4

H600 - High Helix Square Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

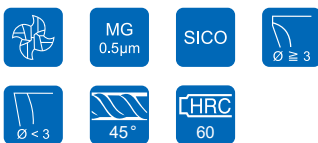
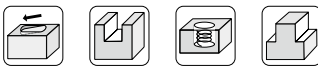
EHS □ D



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHSFD403000S	3	8	50	4	4
EHSFD404000S	4	10	50	4	4
EHSSD406000S	6	15	50	6	4
EHSSD408000S	8	20	60	8	4
EHSSD410000S	10	25	75	10	4
EHSSD412000S	12	30	75	12	4
EHSSD414000S	14	30	75	14	4
EHSSD416000S	16	35	100	16	4

INCH SIZE

EPSSD403X00S	1/8	3/8	1-1/2	1/8	4
EPSSD404X00S	3/16	9/16	2	3/16	4
EPSSD406X00S	1/4	3/4	2-1/2	1/4	4
EPSSD409X00S	3/8	7/8	2-1/2	3/8	4
EPSSD412X00S	1/2	1	3	1/2	4
EPSSD415X00S	5/8	1-1/4	3-1/2	5/8	4
EPSSD419X00S	3/4	1-1/2	4	3/4	4
EPSSD425X00S	1	1-1/2	4	1	4



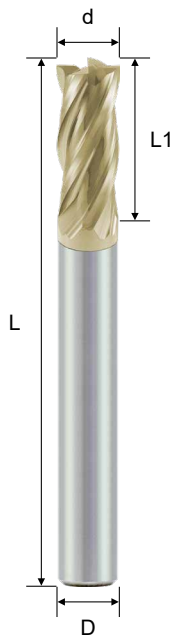
d	Tolerance
∅ < 3	0 ~ -0.02
3 ≤ ∅ ≤ 10	0 ~ -0.03
∅ > 10	0 ~ -0.04

Solid Carbide Endmills

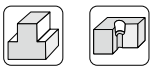
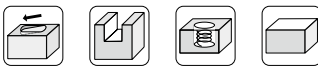
H600 - Long Shank Square Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHS □ C



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHSJC404000S	4	10	60	4	4
EHSEC404000S	4	10	75	4	4
EHSKC404000S	4	10	100	4	4
EHSMC406000S	6	15	60	6	4
EHSLC406000S	6	15	75	6	4
EHSNC406000S	6	15	100	6	4
EHSMC408000S	8	20	75	8	4
EHSLC408000S	8	20	100	8	4
EHSLC410000S	10	25	100	10	4
EHSLC412000S	12	30	100	12	4
EHSLC416000S	16	40	150	16	4



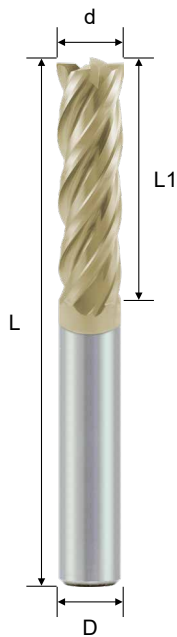
d	Tolerance
∅ < 3	0 ~ -0.03
3 ≤ ∅ ≤ 10	0 ~ -0.04
∅ > 10	0 ~ -0.05



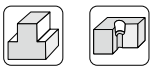
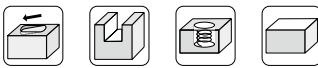
H600 - Long Flute Square Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

E H S C C



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHSCC403000S	3	15	60	6	4
EHSCC404000S	4	20	60	6	4
EHSCC406000S	6	30	75	6	4
EHSCC408000S	8	35	100	8	4
EHSCC410000S	10	45	100	10	4
EHSCC410015S	10	50	150	10	4
EHSCC412000S	12	45	100	12	4
EHSCC412015S	12	50	150	12	4
EHSCC414000S	14	70	150	14	4
EHSCC416000S	16	70	150	16	4
EHSCC420000S	20	75	150	20	4



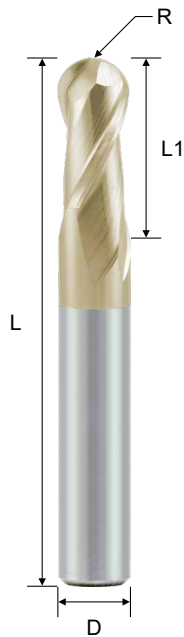
d	Tolerance
$\varnothing < 3$	0 ~ -0.03
$3 \leq \varnothing \leq 10$	0 ~ -0.04
$\varnothing > 10$	0 ~ -0.05

H600 - Ball Nose Type - 2F

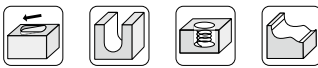
- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHB □ C

P
M
K
N
S
H



Order No.	Radius (R)	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EBBTC203000S	1.5R	3	6	50	3	2
EBBFC201000S	0.5R	1	2	50	4	2
EBBFC201500S	0.75R	1	3	50	4	2
EBBFC202000S	1.0R	2	4	50	4	2
EBBFC203000S	1.5R	3	6	50	4	2
EBBFC204000S	2.0R	4	8	50	4	2
EBBSC204000S	2.0R	4	8	50	6	2
EBBSC206000S	3.0R	6	12	50	6	2
EBBSC208000S	4.0R	8	16	60	8	2
EBBSC210000S	5.0R	10	20	75	10	2
EBBSC212000S	6.0R	12	24	75	12	2
EBBSC216000S	8.0R	16	32	100	16	2
EBBSC220000S	10.0R	20	40	100	20	2



MG 0.5µm
SICO

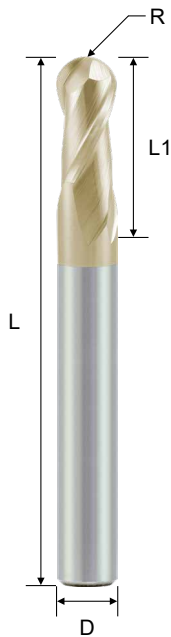


d	R Tolerance
∅	± 0.02

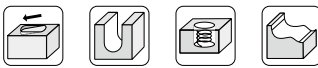
H600 - Long Shank Ball Nose Type - 2F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHB □ C



Order No.	Radius (R)	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHBJC204000S	2R	4	8	60	4	2
EHBEC204000S	2R	4	8	75	4	2
EHBKC204000S	2R	4	8	100	4	2
EHBMC206000S	3R	6	12	60	6	2
EHBLC206000S	3R	6	12	75	6	2
EHBNC206000S	3R	6	12	100	6	2
EHBMC208000S	4R	8	16	75	8	2
EHBLC208000S	4R	8	16	100	8	2
EHBLC210000S	5R	10	20	100	10	2
EHBLC212000S	6R	12	24	100	12	2
EHBLC216000S	8R	16	32	150	16	2
EHBLC220000S	10R	20	40	150	20	2

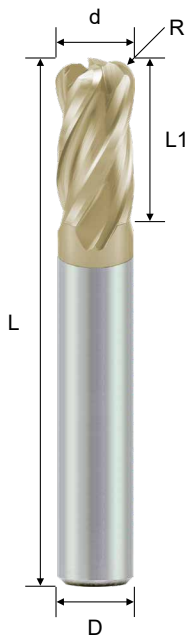


d	R Tolerance
∅	± 0.02

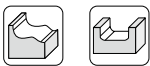
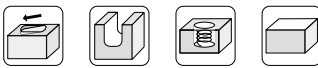
H600 - Corner Radius Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHC □ C



Order No.	Dia. (d)	Corner Radius (R)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHCFC403003S	3	0.3R	6	50	4	4
EHCFC403005S	3	0.5R	6	50	4	4
EHCFC403010S	3	1.0R	6	50	4	4
EHCFC404003S	4	0.3R	8	50	4	4
EHCFC404005S	4	0.5R	8	50	4	4
EHCFC404010S	4	1.0R	8	50	4	4
EHCSC406003S	6	0.3R	12	50	6	4
EHCSC406005S	6	0.5R	12	50	6	4
EHCSC406010S	6	1.0R	12	50	6	4
EHCSC408005S	8	0.5R	16	60	8	4
EHCSC408010S	8	1.0R	16	60	8	4
EHCSC410005S	10	0.5R	20	75	10	4
EHCSC410010S	10	1.0R	20	75	10	4
EHCSC410015S	10	1.5R	20	75	10	4
EHCSC412005S	12	0.5R	24	75	12	4
EHCSC412010S	12	1.0R	24	75	12	4
EHCSC412015S	12	1.5R	24	75	12	4
EHCSC416010S	16	1.0R	32	100	16	4

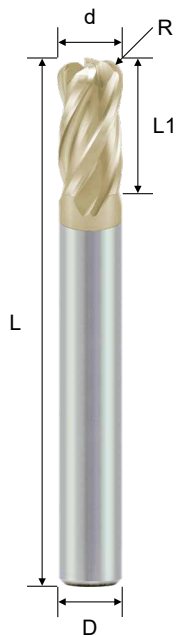


d	R Tolerance
∅ < 3	0 ~ -0.03
3 ≤ ∅ ≤ 10	0 ~ -0.04
∅ > 10	0 ~ -0.05
R	± 0.02

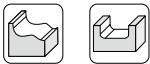
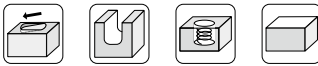
H600 - Long Shank Corner Radius Type - 4F

- SICO coating with anti-high temperature & anti-oxidation.
- Suitable for HRC 30 to HRC 60 Alloy Steel, Cast Iron, Prehardened steel, Hardened Steel, etc.
- Strong geometry design has excellent cutting ability of cutting edges.
- Universal geometry design is suitable for most materials.

EHC □ C



Order No.	Dia. (d)	Corner Radius (R)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHCEC404005S	4	0.5R	8	75	4	4
EHCKC404005S	4	0.5R	8	100	4	4
EHCLC406005S	6	0.5R	12	75	6	4
EHCLC406010S	6	1.0R	12	75	6	4
EHCNC406005S	6	0.5R	12	100	6	4
EHCNC408005S	8	0.5R	16	75	8	4
EHCLC408005S	8	0.5R	16	100	8	4
EHCLC408010S	8	1.0R	16	100	8	4
EHCLC410005S	10	0.5R	20	100	10	4
EHCLC410010S	10	1.0R	20	100	10	4
EHCLC412005S	12	0.5R	24	100	12	4
EHCLC412010S	12	1.0R	24	100	12	4
EHCLC416010S	16	1.0R	32	150	16	4



d	R Tolerance
∅ < 3	0 ~ -0.03
3 ≤ ∅ ≤ 10	0 ~ -0.04
∅ > 10	0 ~ -0.05
R	± 0.02