

*H700 Series for Hardened steel, up to HRC 70*



Solid Carbide Endmills

- Ultra grain carbide rods with better abrasion resistance.
- SICO coating with anti-high temperature & anti-oxidation.
- Large core diameter promotes its rigidity of the tool.
- Negative rake angle design is suitable for machining hardened material.
- Tough cutting edge and more flute bring extreme high milling speed and excellent finishing surface.
- We also provide NACO coating.

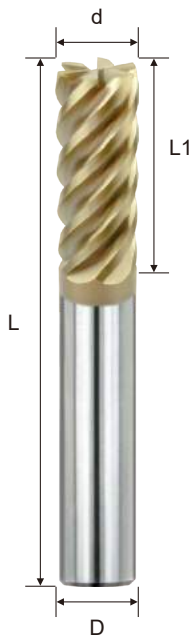
Appearance	Series	Code No.	Ø Range	Num. of Teeth	Helix Angle	Coating	Working Materials										Page
							P	M	K	N	S	H					

## H700 Series for Hardened steel, up to HRC 70

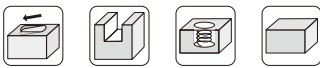
	High Helix Square Type - 6F 鎢鋼平銑刀 - 高導型 - 6 刃	EHSSS6	Ø6~Ø14	6	45°	SICO	√	√	√						√	A008
	High Helix Square Type - 8F 鎢鋼平銑刀 - 高導型 - 8 刃	EHSSS8	Ø16~Ø20	8	45°	SICO	√	√	√						√	A008
	High Helix & Short Flute Square Type - 4F 鎢鋼平銑刀 - 高導短刃型 - 4 刃	EHSPS4, EHSUS4	Ø1~Ø5	4	45°	SICO	√	√	√						√	A009
	High Helix & Short Flute Square Type - 6F 鎢鋼平銑刀 - 高導短刃型 - 6 刃	EHSUS6	Ø6~Ø12	6	45°	SICO	√	√	√						√	A009
	High Helix & Short Flute Square Type - 8F 鎢鋼平銑刀 - 高導短刃型 - 8 刃	EHSUS8	Ø16~Ø20	8	45°	SICO	√	√	√						√	A009
	Low Helix & Short Flute Ball Nose Type - 2F 鎢鋼球型銑刀 - 低導短刃型 - 2 刃	EHBPS2, EHBUS2	0.5R~8R	2	15°	SICO	√	√	√						√	A010
	High Speed & High Feed Corner Radius Type - 4F 鎢鋼圓鼻銑刀 - 高進給直刃型 - 4 刃	EHCUK4	0.5R~2R	4	0°	SICO	√		√						√	A011
	Straight Short Flute Corner Radius Type - 4F 鎢鋼圓鼻銑刀 - 直短刃型 - 4 刃	EHCP4, EHCUS4	Ø1~Ø12	4	0°	SICO	√	√	√						√	A012

- SICO Nano coating provides a superior wear and heat resistance.
- Suitable for HRC 50 and over HRC 50 Hardened Steel, also maximum up to HRC 65.
- Horsepower consumption will be decreased with greater shearing action.
- High Helix and 6 Flutes design gives a good finishing surface.
- The coating can change to TOP ARCO, the prices will differ.

### EHSSS6 EHSSS8



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	Flutes (F)
EHSSS606000S	6	15	50	6	6
EHSSS608000S	8	20	60	8	6
EHSSS610000S	10	25	75	10	6
EHSSS612000S	12	30	75	12	6
EHSSS614000S	14	30	75	14	6
EHSSS816000S	16	40	100	16	8
EHSSS818000S	18	40	100	18	8
EHSSS820000S	20	45	100	20	8

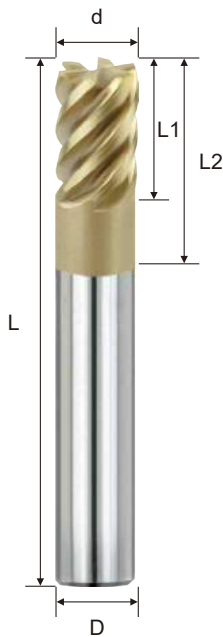


d	Tolerance
$\varnothing \leq 12$	0 ~ -0.02
$\varnothing > 12$	0 ~ -0.03

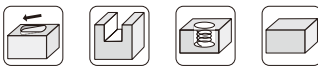
Cutting conditions (建議切削參數表) : Table 001

- SICO Nano coating provides a superior wear and heat resistance.
- Suitable for HRC 50 and over HRC 50 Hardened Steel, also maximum up to HRC 65.
- Greater shearing action results in increased speeds and feeds and faster stock removal.
- Prevents clogging of the flutes.
- The coating can change to TOP ARCO, the prices will differ.

**EHSPS4**  
**EHSUS4**  
**EHSUS6**  
**EHSUS8**



Order No.	Dia. (d)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
EHSPS401000S	1	1.5	2.5	50	4	4
EHSPS402000S	2	3.0	5.0	50	4	4
EHSUS403000S	3	4.5	7.5	50	6	4
EHSUS404000S	4	6.0	10.0	50	6	4
EHSUS405000S	5	7.5	12.5	50	6	4
EHSUS606000S	6	9.0	15.0	50	6	6
EHSUS608000S	8	12.0	20.0	60	8	6
EHSUS610000S	10	15.0	25.0	75	10	6
EHSUS612000S	12	18.0	30.0	75	12	6
EHSUS816000S	16	24.0	40.0	100	16	8
EHSUS820000S	20	30.0	50.0	100	20	8



d	Tolerance
∅ ≤ 12	0 ~ -0.02
∅ > 12	0 ~ -0.03

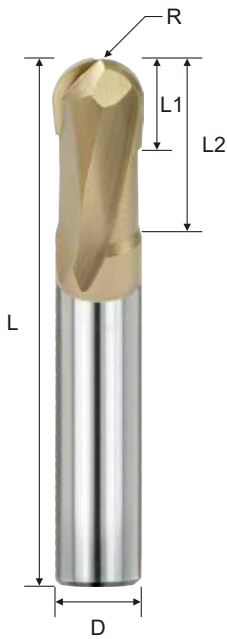
Cutting conditions (建議切削參數表) : Table 002

## H700 - Low Helix & Short Flute Ball Nose Type - 2F 鋤鋼球型銑刀 - 低導短刃型 - 2刃

- SICO Nano coating provides a superior wear and heat resistance.
- Suitable for HRC 50 and over HRC 50 Hardened Steel, also maximum up to HRC 65.
- Due to short cutting length it provides an excellent surface roughness of the work pieces.
- Low helix design is suitable for hardened steel cutting.
- The coating can change to TOP ARCO, the prices will differ.

### EHBPS2 EHBUS2

P M K N S H



Order No.	Radius (R)	Dia. (d)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
EHBPS201000S	0.50R	1.0	1.0	2	50	4	2
EHBPS201500S	0.75R	1.5	1.5	3	50	4	2
EHBUS202000S	1.00R	2.0	2.0	4	50	6	2
EHBUS203000S	1.50R	3.0	3.0	6	50	6	2
EHBUS204000S	2.00R	4.0	4.0	8	50	6	2
EHBUS205000S	2.50R	5.0	5.0	10	50	6	2
EHBUS206000S	3.00R	6.0	6.0	12	50	6	2
EHBUS208000S	4.00R	8.0	8.0	16	60	8	2
EHBUS210000S	5.00R	10.0	10.0	20	75	10	2
EHBUS212000S	6.00R	12.0	12.0	24	75	12	2
EHBUS216000S	8.00R	16.0	16.0	32	100	16	2



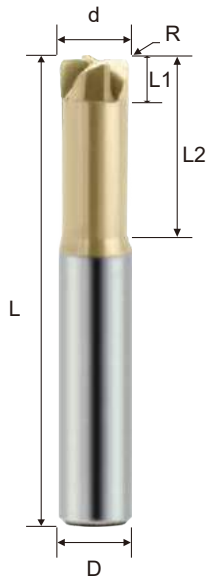
d	R Tolerance
∅ ≤ 12	± 0.01
∅ > 12	± 0.015

Cutting conditions (建議切削參數表) : Table 003

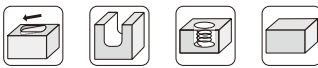
- SICO Nano coating provides a superior wear and heat resistance.
- Suitable for HRC 50 and over HRC 50 Hardened Steel, also maximum up to HRC 65.
- Non-Helix Design.
- Cutting edges are very strong and wear resistant.
- For High speed and high feed cutting.

Solid Carbide Endmills

### EHCUK4



Order No.	Dia. (d)	RADIUS (R)	Flute Length (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
EHCUK40200506S	2	0.5R	1	6	50	6	4
EHCUK40300508S	3	0.5R	1.5	8	50	6	4
EHCUK40400512S	4	0.5R	2	12	60	6	4
EHCUK40400516S	4	0.5R	2	16	60	6	4
EHCUK40401012S	4	1R	2	12	60	6	4
EHCUK40401016S	4	1R	2	16	60	6	4
EHCUK40600512S	6	0.5R	3	12	60	6	4
EHCUK40600515S	6	0.5R	3	15	60	6	4
EHCUK40601015S	6	1R	3	15	60	6	4
EHCUK40601515S	6	1.5R	3	15	60	6	4
EHCUK40800520S	8	0.5R	4	20	60	8	4
EHCUK40801020S	8	1R	4	20	60	8	4
EHCUK41000525S	10	0.5R	5	25	75	10	4
EHCUK41001025S	10	1R	5	25	75	10	4
EHCUK41201030S	12	1R	6.0	30	75	12	4
EHCUK41202030S	12	2R	6.0	30	75	12	4



Cutting conditions (建議切削參數表) : Table 004

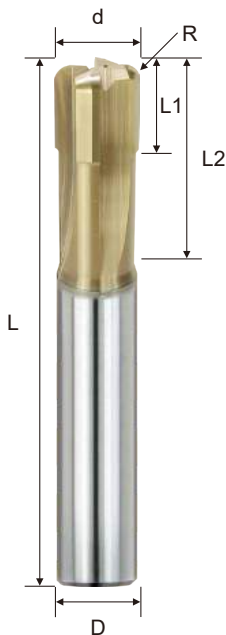
d	R Tolerance
∅ ≤ 12	0 ~ -0.02
∅ > 12	0 ~ -0.03
R	± 0.015

## H700 - Straight Short Flute Corner Radius Type - 4F

鎢鋼圓鼻銑刀 - 直短刀型 - 4 刃

- SICO Nano coating provides a superior wear and heat resistance.
- Suitable for HRC 50 and over HRC 50 Hardened Steel, also maximum up to HRC 65.
- Non-Helix Design.
- Cutting edges are very strong and wear resistant.
- The coating can change to TOP ARCO, the prices will differ.

### EHCPS4 EHCUS4



Order No.	Dia. (d)	Corner Radius (R)	CL (L1)	EFF-L (L2)	OAL (L)	Shank (D)	Flutes (F)
EHCPS401002S	1	0.20R	1	2.5	50	4	4
EHCPS402002S	2	0.25R	2	6.5	50	4	4
EHCUS403005S	3	0.50R	3	7.5	50	6	4
EHCUS404005S	4	0.50R	4	10.0	50	6	4
EHCUS404010S	4	1.00R	4	10.0	50	6	4
EHCUS405010S	5	1.00R	5	12.5	50	6	4
EHCUS406010S	6	1.00R	6	15.0	50	6	4
EHCUS406015S	6	1.50R	6	15.0	50	6	4
EHCUS408010S	8	1.00R	8	20.0	60	8	4
EHCUS408015S	8	1.50R	8	20.0	60	8	4
EHCUS408020S	8	2.00R	8	20.0	60	8	4
EHCUS410010S	10	1.00R	10	25.0	75	10	4
EHCUS410020S	10	2.00R	10	25.0	75	10	4
EHCUS412010S	12	1.00R	12	30.0	75	12	4
EHCUS412020S	12	2.00R	12	30.0	75	12	4
EHCUS412030S	12	3.00R	12	30.0	75	12	4



Cutting conditions (建議切削參數表) : Table 005

d	R Tolerance
$\varnothing \leq 12$	0 ~ -0.02
$\varnothing > 12$	0 ~ -0.03
R	$\pm 0.015$