

EUROS Series for High Feed Milling, up to HRC 60



- UNICO, SICO Nano coating provides a superior wear and heat resistance.
- Tip with small chamfer or small radius design.
- High feed & multiple application, Suitable for hardened & pre-hardened steel, Stainless, up to HRC 60.
- Achieve long tool life, perfect surfaces and considerable reduction of machining time.

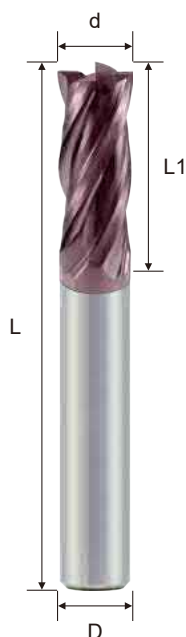
Appearance	Series	Code No .	Ø Range	Num. of Teeth	Helix Angle	Coating	Working Materials						Page
							P	M	K	N	S	H	

EUROS Series for High Feed Milling, up to HRC 60

	High Feed Square Type - 4F 鎢鋼平銑刀 - 高進給倒角型 - 4 刃	EUSFA4, EUSSA4	Ø3~Ø16			UNICO	√	√	√				√	A062
	EUROS - Toric Square Type - 4F 鎢鋼平銑刀 - 高進給圓角型 - 4 刃	EUSFR4, EUSSR4	Ø3~Ø16			UNICO	√	√	√		√	√		A063
	EUROS - Toric Square Type - 4F 鎢鋼平銑刀 - 高進給圓角型 - 4 刃	EUSFH4, EUSSH4	Ø3~Ø16			SICO	√	√	√		√	√		A064

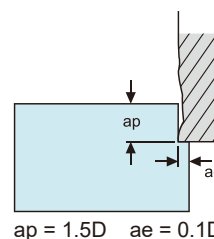
鎢鋼平銑刀 - 高進給倒角型 - 4 刃

- EUSFA4**
EUSSA4



Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	45°	Flutes (F)
EUSSA403000U	3.0	8	50	6	0.10	4
EUSSA404000U	4.0	10	50	6	0.10	4
EUSSA405000U	5.0	13	50	6	0.15	4
EUSSA406000U	6.0	15	50	6	0.15	4
EUSSA408000U	8.0	20	60	8	0.15	4
EUSSA410000U	10.0	25	75	10	0.20	4
EUSSA412000U	12.0	30	75	12	0.20	4
EUSSA416000U	16.0	35	100	16	0.20	4

Dia (mm)	Fz (mm)
4	0.006 ~ 0.1
6	0.009 ~ 0.15
10	0.15 ~ 0.25



EUROS - Toric Square Type - 4F

鎢鋼平銑刀 - 高進給圓角型 - 4 刃

- Unico coating provides a superior wear and heat resistance.
- With "Small positive" rake angle and small corner radius geometries for high feed cutting.
- Outstanding results and tool life for 2-D and 3-D machining of HRC 30 to HRC 55 steel, such as Alloy steel, cast Iron...etc.
- Achieve long tool life, perfect surfaces and considerable reduction of machining time.

EUSFR4

EUSSR4

P

M

K

N

S

H

Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	R	Flutes (F)
EUSSR403000U	3.0	8	50	6	0.10	4
EUSSR404000U	4.0	10	50	6	0.10	4
EUSSR405000U	5.0	13	50	6	0.15	4
EUSSR406000U	6.0	15	50	6	0.15	4
EUSSR408000U	8.0	20	60	8	0.15	4
EUSSR410000U	10.0	25	75	10	0.20	4
EUSSR412000U	12.0	30	75	12	0.20	4
EUSSR416000U	16.0	35	100	16	0.20	4

Feed recommend table

Dia (mm)	Fz (mm)
4	0.006 ~ 0.1
6	0.009 ~ 0.15
10	0.15 ~ 0.25

ap = 1.5D ae = 0.1D

EUROS - Toric Square Type - 4F

鎢鋼平銑刀 - 高進給圓角型 - 4刃

- SICO Nano coating provides a superior wear and heat resistance.
- With "Negative" rake angle and small corner radius geometries for high feed cutting.
- Outstanding results and tool life for 2-D and 3-D machining of HRC 50 to HRC 65 hardened and tempered steel.
- Achieve long tool life, perfect surfaces and considerable reduction of machining time.

EUSFH4
EUSSH4

P

M

K

N

S

H

✓

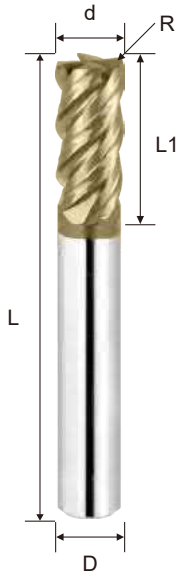
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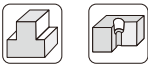
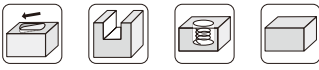
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Order No.	Dia. (d)	CL (L1)	OAL (L)	Shank (D)	R	Flutes (F)
EUSSH403000S	3.0	8	50	6	0.10	4
EUSSH404000S	4.0	10	50	6	0.10	4
EUSSH405000S	5.0	13	50	6	0.15	4
EUSSH406000S	6.0	15	50	6	0.15	4
EUSSH408000S	8.0	20	60	8	0.15	4
EUSSH410000S	10.0	25	75	10	0.20	4
EUSSH412000S	12.0	30	75	12	0.20	4
EUSSH416000S	16.0	35	100	16	0.20	4



UMG
0.4μm

SICO

0.1~0.2
R

40

HRC
65

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

Feed recommend table

Dia (mm)	Fz (mm)
4	0.006 ~ 0.1
6	0.009 ~ 0.15
10	0.15 ~ 0.25

