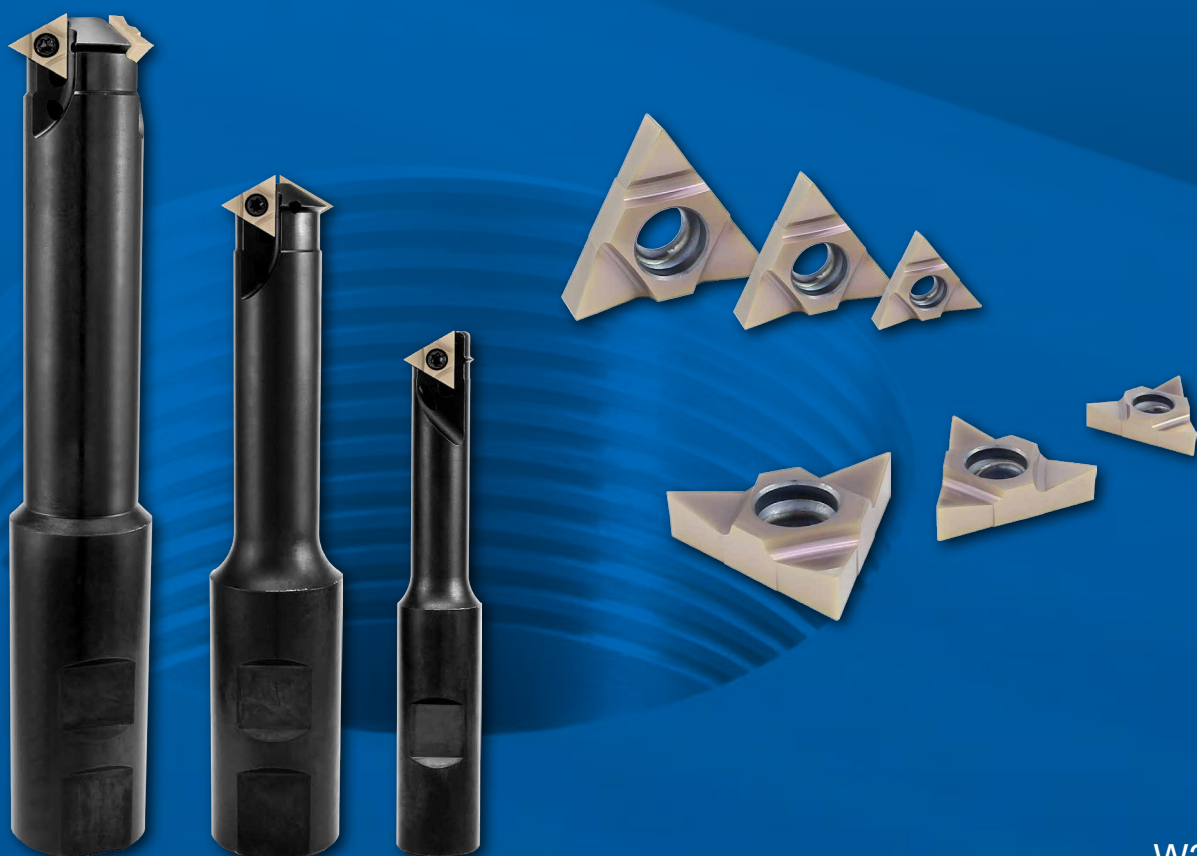


CSMT Series

Indexable Thread Mills for Deep Milling

深加工用捨棄式螺紋銑削刀具

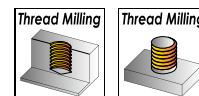
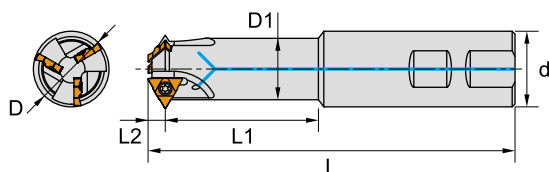
- Single point thread mills offers lower cutting resistance.
 - Partial profile thread inserts available in various pitches.
 - A tool holder with internal coolant can boost machining efficiency.
 - More economical than solid carbide thread mill.
-
- 單牙螺紋銑刀具有較低的切削阻力
 - 提供多種螺距泛牙型刀片
 - 刀桿具有內冷卻孔，可提高加工效率
 - 比全鎢鋼螺紋銑刀更為經濟



Thread Milling - CSMT

螺紋銑刀

Shank Type 螺紋銑刀

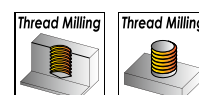
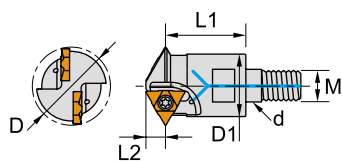


Insert Brand : Winstar

Order No.	D	L1	L2	L	D1	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICSMTE111014101	14.5	40	5.4	100	11	16	1	✓	11UEIRL	ITS2535	ITK7	○
ICSMTE111017101	17	50	5.4	108	13	16	1	✓				○
ICSMTE112021101	21	40	5.4	105	16	25	2	✓				○
ICSMTE113026101	26	60	5.4	125	20	25	3	✓				○

● stock ○ by inquiry

Modular Type 螺紋銑刀頭

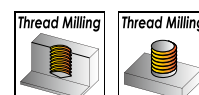
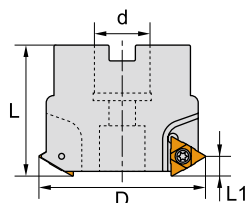


Insert Brand : Winstar

Order No.	D	L1	L2	D1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICSMTM111013051	13.5	14	5.2	10	5.5	M5	1	✓	11UEIRL	ITS2535	ITK7	○
ICSMTM111017061	17	23	5.2	12	6.5	M6	1	✓				○
ICSMTM112020081	20.5	30	5.4	16	8.5	M8	2	✓				○
ICSMTM113026101	26	36	5.4	20	10.5	M10	3	✓				○
ICSMTM162033121	33	40	8	25	12.5	M12	2	✓	16UEIRL	ITS3505	ITK15	○
ICSMTM164040161	40	40	8	32	17	M16	4	✓				○

● stock ○ by inquiry

Arbor Type 螺紋銑刀盤



Insert Brand : Winstar

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICSMTM164048220	48	8	50	22	4	16UEIRL	ITS3505	ITK15	○
ICSMTM225068220	68	11	50	22	5	22UEIRL	ITS4511	ITK20	○

● stock ○ by inquiry

16

①

UEI

②

RL

③

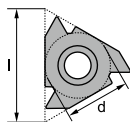
U

④

60

⑤

① Insert Size



l (mm)	d (inch)
11	1/4
16	3/8
22	1/2

② Application

E	Regular Type, External
I	Regular Type, Internal
UE	U Type, External
UI	U Type, Internal
UEI	U Type, External and internal
VE	Vertical Type, External
VI	Vertical Type, Internal
 Regular Type  U Type  Vertical Type	

③ Hand of Tool

R	Right Hand
L	Left Hand
RL	Right and left-hand

④ Thread Pitch or TPI

Partial Profile

	TP (mm)	TPI
A	0.5 ~ 1.5	48 ~ 16
AG	0.5 ~ 3.0	48 ~ 8
G	1.75 ~ 3.0	14 ~ 8
N	3.5 ~ 5.0	7 ~ 5
U	5.5 ~ 8.0	4.5 ~ 4

Full Profile

Value by number

TP (mm)	TPI
0.75	34
⋮	⋮
6.00	5

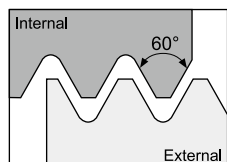
⑤ Thread Standard

55	Partial Profile 55°
60	Partial Profile 60°
ISO	ISO Metric 60°
UN	American UN 60°
W	Whitworth 55°
BSPT	British Standard Pipe Thread
NPT	NPT
RD	Round DIN 405
TR	Trapeze DIN 103
ACME	ACME
STACME	Stub ACME
PG	Pg DIN 40430
UNJ	UNJ
MJ	MJ ISO 5855
⋮	⋮

Insert Grade 刀片材質

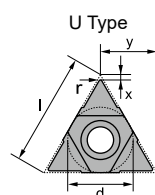
Grade Type 刀片材質	Color 刀片顏色	Properties 屬性	Application 加工特性	Working Material 加工材質						Industry Area 產業應用範圍
				P	M	K	N	S	H	
CP6025		- PVD (AlTiSiN) - Wear resistance - Anti-corrosion ● 耐磨性 ● 抗腐蝕	- Semi-finishing and medium - Light interrupted cutting - General purpose grade for carbon steel and alloy steel ● 適用於半精加工和中加工 ● 適用輕斷續加工 ● 適合碳鋼及合金鋼的泛用材質	●	●	●		●		- Auto small parts - Machinery parts - Aircraft parts ● 汽車小零件 ● 機械零件 ● 航太零件

Insert Designation 刀片型號



Partial Profile 60°

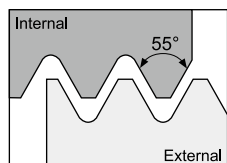
External / Internal 外徑 / 內徑



Right & Left hand

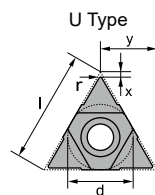
Insert	Order No.	Designation	Pitch		Dimensions (mm)					Working Material					
			TP (mm)	TPI	d	l	r	x	y	P	M	K	N	S	H
 U Type	I11UEIRLA606025	11UEIRL-A60-CP6025	0.5 ~ 1.5	48 ~ 16	1/4"	11	0.04	0.4	5.5	●	●	●		○	○
	I11UEIRLG606025	11UEIRL-G60-CP6025	1.75 ~ 3.0	14 ~ 8	1/4"	11	0.11	0.4	5.5	●	●	●		○	○
	I16UEIRLG606025	16UEIRL-G60-CP6025	1.75 ~ 3.0	14 ~ 8	3/8"	16	0.11	0.4	8	●	●	●		○	○
	I16UEIRLN606025	16UEIRL-N60-CP6025	3.5 ~ 5.0	8 ~ 4	3/8"	16	0.24	0.5	8	●	●	●		○	○
	I22UEIRLU606025	22UEIRL-U60-CP6025	5.5 ~ 8.0	4.5 ~ 3.25	1/2"	22	0.28	0.6	11.0	●	●	●		○	○

※For external and internal application.



Partial Profile 55°

External / Internal 外徑 / 內徑



Right & Left hand

Insert	Order No.	Designation	Pitch		Dimensions (mm)					Working Material					
			TP (mm)	TPI	d	l	r	x	y	P	M	K	N	S	H
 U Type	I11UEIRLA556025	11UEIRL-A55-CP6025	0.5 ~ 1.5	48 ~ 16	1/4"	11	0.04	0.4	5.5	●	●	●		○	○
	I11UEIRLG556025	11UEIRL-G55-CP6025	1.75 ~ 3.0	14 ~ 8	1/4"	11	0.12	0.4	5.5	●	●	●		○	○
	I16UEIRLN556025	16UEIRL-N55-CP6025	3.5 ~ 5.0	8 ~ 4	3/8"	16	0.25	0.6	8	●	●	●		○	○
	I22UEIRLU556025	22UEIRL-U55-CP6025	5.5 ~ 8.0	4.5 ~ 3.25	1/2"	22	0.60	0.9	11.0	●	●	●		○	○

※For external and internal application.