

Face Milling Series Introduction

面銑刀系列介紹

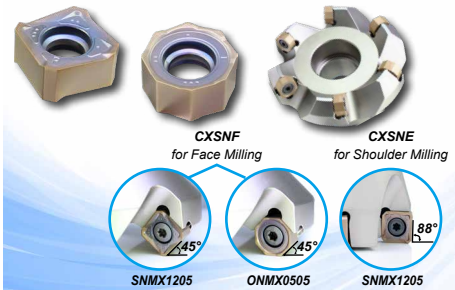
CXHN Series



- Use HNMX double-sided inserts with 12 cutting edges.
- Sharp cutting edge design for low depth-of-cut face milling.
- 50~100mm cutter diameter, max. 3.5mm depth of cut.
- 使用 HNMX 雙面銑刀片，12 個可用切削角
- 鋒利切削刃設計適用於淺切面銑加工
- 50~100mm 刀盤直徑，最大切削深度可達 3.5mm

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CXSN Series



- Use SNMX or ONMX double-sided inserts with 8 or 16 cutting edges.
- 2 type inserts can fit in same cutter for multiple applications.
- 50~202.9mm cutter diameter, max. 6mm depth of cut.
- 使用SNMX或ONMX雙面銑刀片，8或16個可用切削角
- 兩種刀片可鎖附在相同刀盤上，可應用於不同的深淺加工
- 50~202.9mm 刀盤直徑，最大切削深度可達 6mm

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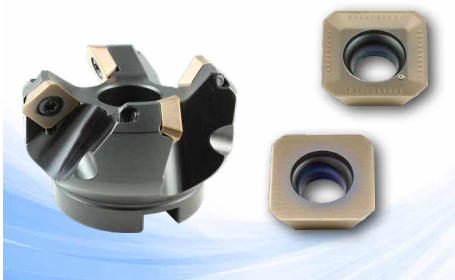
CAOF Series



- Use OFMT inserts with 8 cutting edges.
- Cost effective for low depth-of-cut face milling.
- 50~100mm cutter diameter, max. 2.8mm depth of cut.
- 使用 OFMT 銑刀片，8 個可用切削角
- 經濟實惠的較淺面銑加工
- 50~100mm 刀盤直徑，最大切削深度可達 2.8mm

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CASE Series



- Use SEKT or SEKW inserts with 4 cutting edges.
- Cost effective for wide range face milling applications.
- 50~100mm cutter diameter, max. 5.5mm depth of cut.
- 使用 SEKT 或 SEKW 銑刀片，4 個可用切削角
- 經濟實惠的不同切深面銑應用
- 50~100mm 刀盤直徑，最大切削深度可達 5.5mm

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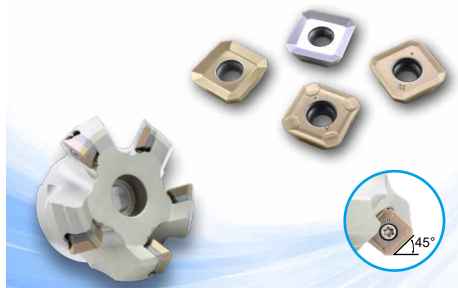
CASX Series



- Use SEMT inserts with 4 cutting edges.
- Cost effective for wide range face milling applications.
- 50~315mm cutter diameter, max. 5.5mm depth of cut.
- 使用 SEMT 銑刀片, 4 個可用切削角
- 經濟實惠的不同切深面銑應用
- 50~315mm 刀盤直徑, 最大切削深度可達 5.5mm

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CR24 Series



- Use W245-12T3 inserts with 4 cutting edges.
- High performance face milling tools for general purpose.
- 50~315mm cutter diameter, max. 5.5mm depth of cut.
- 使用 **W245-12T3** 銑刀片, 4 個可用切削角
- 高效率的泛用型面銑刀具
- 50~315mm 刀盤直徑, 最大切削深度可達 5.5mm

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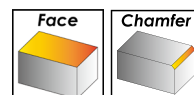
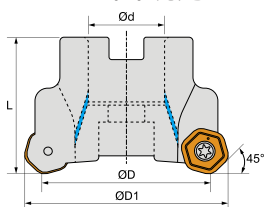
Face Milling - CXHN

面銑刀



- Use HNMX double-sided inserts with 12 cutting edges.
- Sharp cutting edge design for low depth-of-cut face milling.
- 50~100mm cutter diameter, max. 3.5mm depth of cut.
- 使用 HNMX 雙面銑刀片，12 個可用切削角
- 鋒利切削刃設計適用於淺切面銑加工
- 50~100mm 刀盤直徑，最大切削深度可達 3.5mm

CXHNF - Milling Tools 面銑刀



Insert Brand 建議刀片：Winstar, Widia, ...

Order No. 訂購編碼	D	D1	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXHNF705050224	50	58.7	40	22	5	✓	HNMX0704	ITS4005	ITK15	●
ICXHNF706063224	63	71.7	40	22	6	✓				●
ICXHNF708080274	80	88.7	50	27	8	✓				●
ICXHNF709100324	100	108.7	50	32	9	✓				●

● stock ○ by inquiry

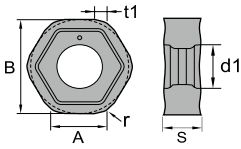
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	140 ~ 250	0.10 ~ 0.3	0.3 ~ 3.5
Stainless Steel	60 ~ 140	0.08 ~ 0.2	0.3 ~ 2.0
High Temperature Alloy	30 ~ 70	0.08 ~ 0.2	0.3 ~ 2.0

Face Milling - CXHN

面銑刀

Insert Specifications 刀片規格

Insert	Dimensions (mm)						
	A	B	S	r	d1	t1	
HNMX0704	6.8	12.7	4.45	1.2	4.9	1.4	

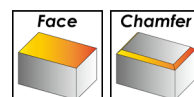
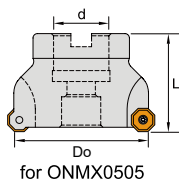
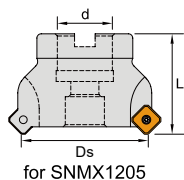
Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IHNMX0704SG32HS	HNMX0704-SG-CX32HS	●	●	●		○	
	IHNMX0704SG33TX	HNMX0704-SG-CX33TX	●	●	●		●	●
	IHNMX0704SG43TX	HNMX0704-SG-CX43TX	●	●	●		●	
	IHNMX0704SG47TA	HNMX0704-SG-CX47TA	●	●	○		●	○



- Use SNMX or ONMX double-sided inserts with 8 or 16 cutting edges.
- 2 type inserts can fit in same cutter for multiple applications.
- 50~202.9mm cutter diameter, max. 6mm depth of cut.
- 使用SNMX或ONMX雙面銑刀片, 8或16個可用切削角
- 兩種刀片可鎖附在相同刀盤上, 可應用於不同的深淺加工
- 50~202.9mm 刀盤直徑, 最大切削深度可達 6mm

CXSNF - Milling Tools 面銑刀



Insert Brand 建議刀片: Winstar, Walter, ...

Order No. 訂購編碼	D		L	d	T	Inserts	Screw	Wrench	Stock
	Ds	Do							
ICXSNF504050220	50	52.9	40	22	4	SNMX1205 or ONMX0505	ITS4015	ITK15	●
ICXSNF505063220	63	65.9	40	22	5				●
ICXSNF506080270	80	82.9	50	27	6				●
ICXSNF508100320	100	102.9	50	32	8				●
ICXSNF510125400	125	127.9	63	40	10				●
ICXSNF512160400	160	162.9	63	40	12				●
ICXSNF514200600	200	202.9	63	60	14				●

● stock ○ by inquiry

Customize available.

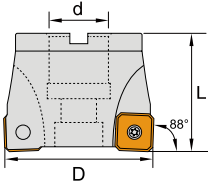
Recommended Cutting Conditions 建議切削數據

Working Material	SNMX1205			ONMX0505		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel / Alloy Steel	80 ~ 200	0.1 ~ 0.3	0.3 ~ 6.0	80 ~ 200	0.1 ~ 0.3	0.3 ~ 2.0
Stainless Steel	50 ~ 110	0.08 ~ 0.25	0.3 ~ 3.6	50 ~ 110	0.08 ~ 0.25	0.3 ~ 1.5
Cast Iron	80 ~ 180	0.1 ~ 0.3	0.3 ~ 6.0	80 ~ 180	0.1 ~ 0.3	0.3 ~ 2.0
High Temperature Alloy	30 ~ 60	0.08 ~ 0.2	0.3 ~ 3.6	30 ~ 60	0.08 ~ 0.2	0.3 ~ 1.5
Hardened Steel	35 ~ 70	0.08 ~ 0.23	0.3 ~ 3.6	35 ~ 70	0.08 ~ 0.23	0.3 ~ 1.5

Shoulder Milling - CXSN

方肩銑刀

CXSNE - Milling Tools 方肩銑刀



Insert Brand 建議刀片：Winstar, Walter, ...

Order No. 訂購編碼	D	L	d	T	Inserts	Screw	Wrench	Stock
ICXSNE504050220	50	40	22	4	SNMX1205	ITS4015	ITK15	●
ICXSNE505063220	63	40	22	5				●
ICXSNE506080270	80	50	27	6				●

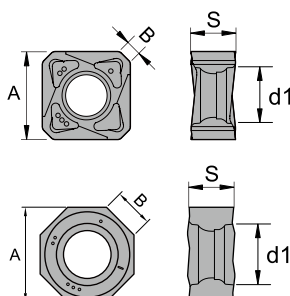
● stock ○ by inquiry

Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	80 ~ 200	0.1 ~ 0.2	0.3 ~ 11
Stainless Steel	50 ~ 110	0.08 ~ 0.18	0.3 ~ 5
Cast Iron	80 ~ 180	0.1 ~ 0.2	0.3 ~ 11
High Temperature Alloy	30 ~ 60	0.08 ~ 0.14	0.3 ~ 5
Hardened Steel	35 ~ 70	0.08 ~ 0.16	0.3 ~ 5



Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	B	S	d1	
SNMX1205	12.7	1.5	6.4	6	
ONMX0505	12.7	5.0	6.4	6	

Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	ISNMX1205MG23AX	SNMX1205-MG-CX23AX	○	○	○		○	●
	ISNMX1205MG32HS	SNMX1205-MG-CX32HS	●	●	●		○	
	ISNMX1205MG33TX	SNMX1205-MG-CX33TX	●	●	●		●	●
	ISNMX1205MG43TX	SNMX1205-MG-CX43TX	●	●	●		●	
	ISNMX1205MG37TA	SNMX1205-MG-CX37TA	○	○	●		○	○
	ISNMX1205MG47TA	SNMX1205-MG-CX47TA	○	●	○		●	○
	ISNMX1205RG23AX	SNMX1205-RG-CX23AX	○	○	○		○	●
	ISNMX1205RG32HS	SNMX1205-RG-CX32HS	●	●	●		○	
	ISNMX1205RG33TX	SNMX1205-RG-CX33TX	●	●	●		●	●
	ISNMX1205RG43TX	SNMX1205-RG-CX43TX	●	●	●		●	
	ISNMX1205RG37TA	SNMX1205-RG-CX37TA	○	○	●		○	○
	IONMX0505RG23AX	ONMX0505-RG-CX23AX	○	○	○		○	●
	IONMX0505RG32HS	ONMX0505-RG-CX32HS	●	●	●		○	
	IONMX0505RG33TX	ONMX0505-RG-CX33TX	●	●	●		●	●
	IONMX0505RG43TX	ONMX0505-RG-CX43TX	●	●	●		●	
	IONMX0505RG37TA	ONMX0505-RG-CX37TA	○	○	●		○	○

Tools Features 刀具特性

2 types of double sided inserts fit in same pocket !

2 種雙面刀片可鎖附一個刀盤

· Depth of cutting > 2mm

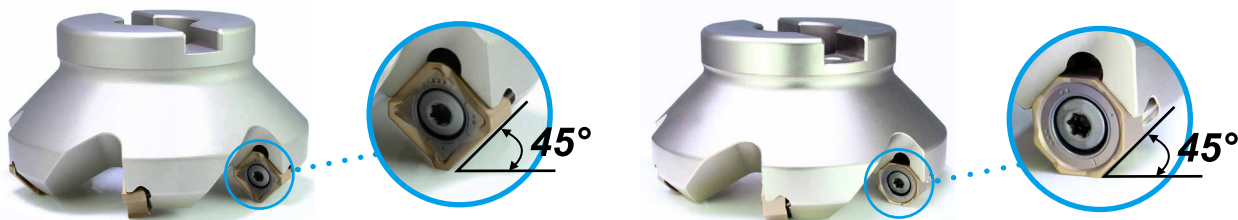
use Square insert - SNMX1205 (Total 8 cutting edges)

最大切深超過 2 mm, 建議 SNMX1205(8 個切削角)

· Depth of cutting ≤ 2mm

use Octagonal insert - ONMX0505 (Total 16 cutting edges)

最大切深小於 2 mm, 建議 ONMX0505(16 個切削角)



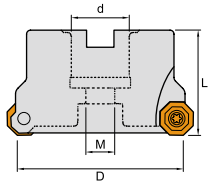
Face Milling - CAOF面銑刀



- Use OFMT inserts with 8 cutting edges.
- Cost effective for low depth-of-cut face milling.
- 50~100mm cutter diameter, max. 2.8mm depth of cut.
- 使用 OFMT 銑刀片 , 8 個可用切削角
- 經濟實惠的較淺面銑加工
- 50~100mm 刀盤直徑 , 最大切削深度可達 2.8mm

Indexable Milling

CAOFF - Milling Tools 面銑刀



Insert Brand 建議刀片 : Winstar, Taegutec, ...

Order No. 訂購編碼	D	d	L	M	T	Inserts	 Screw	 Wrench	Stock
ICAOFF505050220	50	22	40	11	5	OFMT05T3...	IMS4011A	ITK15	●
ICAOFF506063220	63	22	40	11	6				●
ICAOFF506063250	63	25.4	50	13	6				●
ICAOFF507080250	80	25.4	50	13	7				●
ICAOFF507080270	80	27	50	38	7				●
ICAOFF508100310	100	31.75	50	46	8				●
ICAOFF508100320	100	32	50	46	8				●

● stock ○ by inquiry

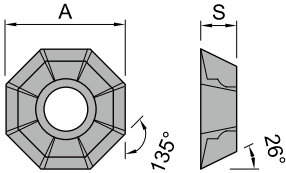
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.30	0.3 ~ 2.8
Stainless Steel	100 ~ 180	0.08 ~ 0.25	0.3 ~ 1.7
Cast Iron	120 ~ 250	0.10 ~ 0.30	0.3 ~ 2.8
High Temperature Alloy	40 ~ 100	0.08 ~ 0.25	0.3 ~ 1.7
Hardened Steel	50 ~ 100	0.08 ~ 0.25	0.3 ~ 1.7

Face Milling - CAOF

面銑刀

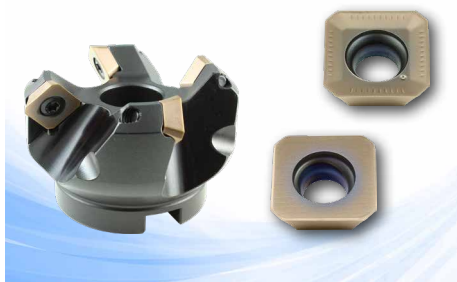
Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	S	r	d1	
OFMT05T3	12.7	3.8	0.6	4.6	

Insert Designation 刀片型號

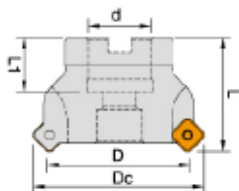
Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IOFMT05T3TNSG32HS	OFMT05T3TN-SG-CX32HS	●	●	●		○	
	IOFMT05T3TNSG33TX	OFMT05T3TN-SG-CX33TX	●	●	●		●	●
	IOFMT05T3TNMG32HS	OFMT05T3TN-MG-CX32HS	●	●	●		○	
	IOFMT05T3TNMG33TX	OFMT05T3TN-MG-CX33TX	●	●	●		●	●
	IOFMT05T3TNRG32HS	OFMT05T3TN-RG-CX32HS	●	●	●		○	
	IOFMT05T3TNRG33TX	OFMT05T3TN-RG-CX33TX	●	●	●		●	●
	IOFMT05T3TNRG43TX	OFMT05T3TN-RG-CX43TX	●	●	●		●	





- Use SEKT or SEKW inserts with 4 cutting edges.
- Cost effective for wide range face milling applications.
- 50~100mm cutter diameter, max. 5.5mm depth of cut.
- 使用 SEKT 或 SEKW 銑刀片，4 個可用切削角
- 經濟實惠的不同切深面銑應用
- 50~100mm 刀盤直徑，最大切削深度可達 5.5mm

CASEF - Milling Tools 面銑刀



Insert Brand 建議刀片 : Winstar, Kennametal, LMT, ...

Order No. 訂購編碼	D	L	L1	d	Dc	T	Inserts	Screw	Wrench	Stock
ICASEF204050220	50	40	20	22	64	4	SEKT1204 SEKW1204 SEET1204	ITS5006	ITK20	●
ICASEF205063220	63	45	21	22	77	5				●
ICASEF205063250	63	45	21	25.4	77	5				○
ICASEF206080270	80	50	26	27	94	6				●
ICASEF206080310	80	50	26	31.75	94	6				○
ICASEF206100310	100	32	32	31.75	114	6				○
ICASEF206100320	100	32	32	32	114	6				○

● stock ○ by inquiry

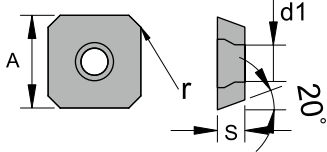
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.5
Stainless Steel	100 ~ 180	0.08 ~ 0.25	0.3 ~ 3.0
Cast Iron	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.0
Aluminum Alloy	300 ~ 1000	0.10 ~ 0.40	0.3 ~ 5.5
High Temperature Alloy	40 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0
Hardened Steel	50 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0

Face Milling - CASE

面銑刀

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	S	r	d1	
SEKT1204	12.7	4.76	0.8	5.5	
SEKW1204					
SEET1204					

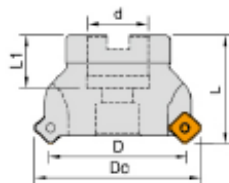
Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	ISEET1204AFFNAL10	SEET1204AFFN-AL-CX10				●		
	ISEET1204AFFNFG23AX	SEET1204AFFN-FG-CX23AX	○	○	○		○	●
	ISEKT1204AFENMG32HS	SEKT1204AFEN-MG-CX32HS	●	●	●		○	
	ISEKT1204AFENMG33TX	SEKT1204AFEN-MG-CX33TX	●	●	●		●	●
	ISEKT1204AFTNRG32HS	SEKT1204AFTN-RG-CX32HS	●	●	●		○	
	ISEKT1204AFTNRG33TX	SEKT1204AFTN-RG-CX33TX	●	●	●		●	●
	ISEKT1204AFTNRG43TX	SEKT1204AFTN-RG-CX43TX	●	●	●		●	
	ISEKW1204AFEN32HS	SEKW1204AFEN-CX32HS	●	●	●		○	
	ISEKW1204AFEN33TX	SEKW1204AFEN-CX33TX	●	●	●		●	●
	ISEKW1204AFEN43TX	SEKW1204AFEN-CX43TX	●	●	●		●	
	ISEKW1204AFTN32HS	SEKW1204AFTN-CX32HS	●	●	●		○	
	ISEKW1204AFTN33TX	SEKW1204AFTN-CX33TX	●	●	●		●	●
	ISEKW1204AFTN37TA	SEKW1204AFTN-CX37TA	○	○	●		○	○



- Use SEMT inserts with 4 cutting edges.
- Cost effective for wide range face milling applications.
- 50~315mm cutter diameter, max. 5.5mm depth of cut.
- 使用 SEMT 銑刀片，4 個可用切削角
- 經濟實惠的不同切深面銑應用
- 50~315mm 刀盤直徑，最大切削深度可達 5.5mm

CASXF - Milling Tools 面銑刀



Insert Brand 建議刀片 : Winstar, Mitsubishi, Sandvik, ...

Order No. 訂購編碼	D	L	L1	d	Dc	T	Inserts	Stock
ICASXF304050220	50	40	20	22	63	4	SEMT13T3	●
ICASXF304050250	50	40	20	25.4	63	4		●
ICASXF305063220	63	40	20	22	75.9	5		●
ICASXF305063250	63	40	20	25.4	75.9	5		●
ICASXF306080250	80	50	26	25.4	93.2	6		●
ICASXF306080270	80	50	26	27	93.2	6		●
ICASXF307100310	100	50	32	31.75	113.2	7		●
ICASXF307100320	100	50	32	32	113.2	7		●
ICASXF308125380	125	63	38	38.1	138	8		●
ICASXF308125400	125	63	38	40	138	8		●
ICASXF310160400	160	63	38	40	173	10		●
ICASXF310160500	160	63	38	50.8	173	10		●
ICASXF312200470	200	63	38	47.625	212.9	12		●
ICASXF314250470	250	63	38	47.625	262.9	14		●
ICASXF314315470	315	63	40	47.625	327.9	14		●

● stock ○ by inquiry

Spare parts 配件

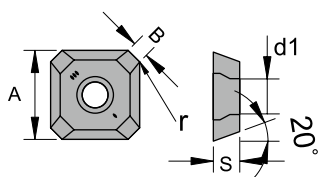
Shim	Screw	Wrench	Screw	Wrench
IAS445N	IPS35T	IPL20	ITS3505	ITK15

Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.5
Stainless Steel	100 ~ 180	0.08 ~ 0.25	0.3 ~ 3.0
Cast Iron	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.0
Aluminum Alloy	300 ~ 1000	0.10 ~ 0.40	0.3 ~ 5.5
High Temperature Alloy	40 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0
Hardened Steel	50 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0

※ Max ap of 6mm.

Insert Specifications 刀片規格

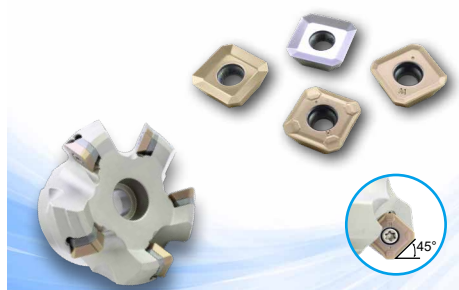
Insert	Dimensions (mm)					
	A	B	S	r	d1	
SEMT13T3	13.4	1.9	3.97	1.5	4.2	
SEET13T3	13.4	1.9	3.97	1.5	4.2	

Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	ISEET13T3AGFNAL10	SEET13T3AGFN-AL-CX10				●		
	ISEET13T3AGFNFG23AX	SEET13T3AGFN-FG-CX23AX	○	○	○		○	●
	ISEMT13T3AGENMG23AX	SEMT13T3AGEN-MG-CX23AX	○	○	○		○	●
	ISEMT13T3AGENMG32HS	SEMT13T3AGEN-MG-CX32HS	●	●	●		○	
	ISEMT13T3AGENMG33TX	SEMT13T3AGEN-MG-CX33TX	●	●	●		●	●
	ISEMT13T3AGENMG43TX	SEMT13T3AGEN-MG-CX43TX	●	●	●		●	
	ISEMT13T3AGTNMG23AX	SEMT13T3AGTN-MG-CX23AX	○	○	○		○	●
	ISEMT13T3AGTNMG32HS	SEMT13T3AGTN-MG-CX32HS	●	●	●		○	
	ISEMT13T3AGTNMG33TX	SEMT13T3AGTN-MG-CX33TX	●	●	●		●	●
	ISEMT13T3AGTNMG43TX	SEMT13T3AGTN-MG-CX43TX	●	●	●		●	
	ISEMT13T3AGTNRG32HS	SEMT13T3AGTN-RG-CX32HS	●	●	●		○	
	ISEMT13T3AGTNRG33TX	SEMT13T3AGTN-RG-CX33TX	●	●	●		●	●
	ISEMT13T3AGTNRG43TX	SEMT13T3AGTN-RG-CX43TX	●	●	●		●	

Face Milling - CR24

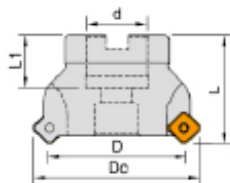
面銑刀



- Use W245-12T3 inserts with 4 cutting edges.
- High performance face milling tools for general purpose.
- 50~315mm cutter diameter, max. 5.5mm depth of cut.
- 使用 **W245-12T3** 銑刀片, 4 個可用切削角
- 高效率的泛用型面銑刀具
- 50~315mm 刀盤直徑, 最大切削深度可達 5.5mm

Indexable Milling

CR24F - Milling Tools 面銑刀



Insert Brand 建議刀片 : Winstar, Sandvik, Mitsubishi, ...

Order No. 訂購編碼	D	L	L1	d	Dc	T	Inserts	Stock
ICR24F304050220	50	40	20	22	63	4	W245-12T3	●
ICR24F304050250	50	40	20	25.4	63	4		●
ICR24F305063220	63	40	20	22	75.9	5		●
ICR24F305063250	63	40	20	25.4	75.9	5		●
ICR24F306080250	80	50	26	25.4	93.2	6		●
ICR24F306080270	80	50	26	27	93.2	6		●
ICR24F307100310	100	50	32	31.75	113.2	7		●
ICR24F307100320	100	50	32	32	113.2	7		●
ICR24F308125380	125	63	38	38.1	138	8		●
ICR24F308125400	125	63	38	40	138	8		●
ICR24F310160400	160	63	38	40	173	10		●
ICR24F310160500	160	63	38	50.8	173	10		●
ICR24F312200470	200	63	38	47.625	212.9	12		●
ICR24F314250470	250	63	38	47.625	262.9	14		●
ICR24F314315470	315	63	40	47.625	327.9	14		●

● stock ○ by inquiry

Spare parts 配件

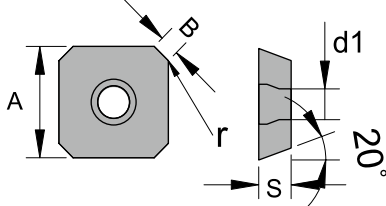
Shim	Screw	Wrench	Screw	Wrench
IAS445N	IPS35T	IPL20	ITS3505	ITK15

Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.5
Stainless Steel	100 ~ 180	0.08 ~ 0.25	0.3 ~ 3.0
Cast Iron	120 ~ 250	0.10 ~ 0.30	0.3 ~ 5.0
Aluminum Alloy	300 ~ 1000	0.10 ~ 0.40	0.3 ~ 5.5
High Temperature Alloy	40 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0
Hardened Steel	50 ~ 100	0.08 ~ 0.25	0.3 ~ 3.0

※ Max ap of 6mm.

Insert Specifications 刀片規格

Insert	Dimensions (mm)					
	A	B	S	r	d1	
W245-12T3	13.4	1.9	3.97	1.5	4.2	

Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IW24512T3AL10	W245-12T3-AL-CX10				●		
	IW24512T3FG23AX	W245-12T3-FG-CX23AX	○	○	○		○	●
	IW24512T3MG23AX	W245-12T3-MG-CX23AX	○	○	○		○	●
	IW24512T3MG32HS	W245-12T3-MG-CX32HS	●	●	●		○	
	IW24512T3MG33TX	W245-12T3-MG-CX33TX	●	●	●		●	●
	IW24512T3MG43TX	W245-12T3-MG-CX43TX	●	●	●		●	
	IW24512T3MG37TA	W245-12T3-MG-CX37TA	○	○	●		○	○
	IW24512T3MG47TA	W245-12T3-MG-CX47TA	●	●	○		●	○
	IW24512T3HG32HS	W245-12T3-HG-CX32HS	●	●	●		○	
	IW24512T3HG33TX	W245-12T3-HG-CX33TX	●	●	●		●	●
	IW24512T3HG43TX	W245-12T3-HG-CX43TX	●	●	●		●	
	IW24512T3HG37TA	W245-12T3-HG-CX37TA	○	○	●		○	○
	IW24512T3HG47TA	W245-12T3-HG-CX47TA	●	●	○		●	○