

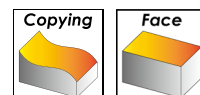
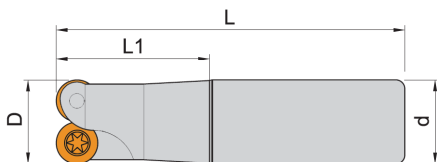
**Copy Milling - CARD** 仿形銑刀

**CARD Series**



- Use RDMT or RDMW 2.5R, 3R, 3.5R, 5R, 6R and 8R round inserts.
- Suitable for mould & die machining and steel profiling.
- 50~315mm cutter diameter.
- 使用 RDMT 或 RDMW 2.5R, 3R, 3.5R, 5R, 6R 或 8R 圓形銑刀片
- 適用於模具與各類型鋼料仿形加工
- 10~100mm 刀桿直徑

**CARDE - Milling Tools** 仿形銑刀



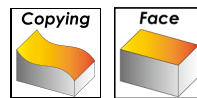
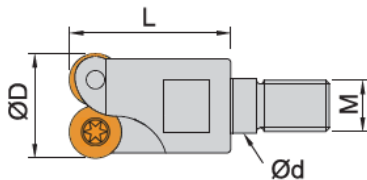
Insert Brand 建議刀片 : Winstar, Safety, Hitachi, ...

Order No. 訂購編碼	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICARDE502010100	10	25	100	10	2	RDKW0501	ITS2003	ITK06	●
ICARDE502012100	12	25	100	12	2				○
ICARDE503016130	16	35	130	16	3				○
ICARDE703016130	16	40	130	16	3	RDKW0702	ITS2515	ITK08	○
ICARDE704020150	20	40	150	20	4				●
ICARDE704025150	25	40	150	25	4				○
ICARDE102025150	25	45	150	25	2	RDMT10T3 RDMW10T3	ITS3504	ITK15	●
ICARDE102030150	30	45	150	25	2				●
ICARDE103032150	32	45	150	32	3				○
ICARDE202032150	32	50	150	32	2	RDMT1204 RDMW1204	ITS4008	ITK15	○
ICARDE302020150	20	40	150	20	2	RDMT1003 RDMX1003	IMS3507A	ITK15	●
ICARDE303025150	25	40	150	25	3				●
ICARDE303026150	26	25	150	25	3		●		
ICARDE303030150	30	25	150	25	3		●		
ICARDE304035150	35	40	150	32	4		IMS3509A		●

● stock ○ by inquiry

**Copy Milling - CARD** 仿形銑刀

**CARDM - Modular Milling Heads 仿形銑刀頭**



Insert Brand 建議刀片 : Winstar, Safety, Hitachi, ...

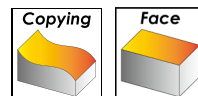
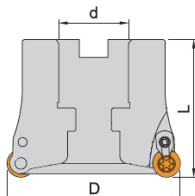
Order No. 訂購編碼	D	L1	d	M	T	Inserts	Screw	Wrench	Stock
ICARDM502012060	12	21	6.5	M06	2	RDKW0501	ITS2003	ITK06	●
ICARDM503012060	12	21	6.5	M06	3				○
ICARDM504016080	16	26	8.5	M08	4				○
ICARDM703016080	16	26	8.5	M08	3	RDKW0702	ITS2515	ITK08	○
ICARDM704020100	20	32	10.5	M10	4				○
ICARDM705025120	25	38	12.5	M12	5				○
ICARDM103025120	25	38	12.5	M12	3	RDMT10T3 RDMW10T3	ITS3504	ITK10	●
ICARDM104030120	30	38	12.5	M12	4				●
ICARDM105032120	35	38	12.5	M12	5				○
ICARDM302020100	20	30	10.5	M10	2	RDMT1003 RDMX1003	IMS3507A	ITK15	●
ICARDM302021100	21	30	10.5	M10	2				●
ICARDM303025120	25	35	12.5	M12	3				●
ICARDM303026120	26	35	12.5	M12	3				●
ICARDM303030120	30	35	12.5	M12	3		IMS3509A	●	

● stock ○ by inquiry

※ For screw-in type adapter, please refer to Tooling System 搭配鎖牙式刀桿，請參考刀具系統

Indexable Milling

## CARDF - Milling Tools 仿形銑刀



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

Order No. 訂購編碼	D	L	d	T	Inserts	Screw	Wrench	Clamp	Clamp Screw	Stock
ICARDF104050220	50	45	22	4	RDMT10T3 RDMW10T3	ITS3504	ITK15	IRD-45	ITS4009	●
ICARDF106063220	63	45	22	6						●
ICARDF204050220	50	45	22	4	RDMT1204 RDMW1204	ITS4008	ITK15	IRD-6R	ITS5004	●
ICARDF205050220	50	45	22	5						●
ICARDF205063220	63	45	22	5						●
ICARDF206063220	63	45	22	6						●
ICARDF207080270	80	50	27	7						○
ICARDF208100320	100	50	32	8						○
ICARDF604063220	63	45	22	4	RDMT1604 RDMW1604	ITS5007	ITK20	IRD-68	ITS5009	●
ICARDF605063220	63	45	22	5						●
ICARDF606080270	80	50	27	6						○
ICARDF607100320	100	50	32	7						○
ICARDF305050220	50	40	22	5	RDMT1003 RDMX1003	IMS3509A	ITK15	IMC35-3V	-	●
ICARDF305050250	50	50	25.4	5						●
ICARDF306063250	63	50	25.4	6						●

● stock ○ by inquiry

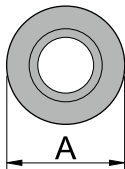
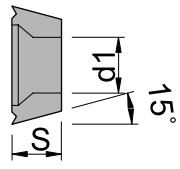
## Recommended Cutting Conditions 建議切削數據

Working Material	Vc	Dia ≤ 10		Dia > 10	
		fz	ap	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.1 ~ 0.6	0.3 ~ 1.5	0.2 ~ 0.8	0.5 ~ 2.5
Stainless Steel	100 ~ 180	0.08 ~ 0.4	0.3 ~ 1.2	0.15 ~ 0.4	0.5 ~ 2.0
Cast Iron	120 ~ 250	0.1 ~ 0.6	0.3 ~ 1.5	0.2 ~ 0.8	0.5 ~ 2.5
High Temperature Alloy	40 ~ 100	0.08 ~ 0.3	0.3 ~ 1.0	0.15 ~ 0.3	0.3 ~ 2.0
Hardened Steel	50 ~ 100	0.08 ~ 0.3	0.3 ~ 1.0	0.15 ~ 0.3	0.3 ~ 2.0

**Copy Milling - CARD** 仿形銑刀

**Insert Specifications** 刀片規格

Insert	Dimensions (mm)		
	A	S	d1
RDKW0501	5	1.59	2.2
RDKW0702	7	2.38	2.8
RDMT1003	10	3.18	3.9
RDMX1003	10	3.18	4.15
RDMT10T3	10	3.97	4.5
RDMW10T3	10	3.97	4.5
RDMT12T3	12	3.97	4.1
RDMX12T3	12	3.97	4.1
RDMT1204	12	4.76	4.4
RDMW1204	12	4.76	4.4
RDMT1604	16	4.76	5.5
RDMW1604	16	4.76	5.5

Indexable Milling









**Insert Designation** 刀片型號

Insert	Order No. <small>訂購編碼</small>	Designation	Working Material					
			P	M	K	N	S	H
	IRDKW0501MOE23AX	RDKW0501MOE-CX23AX	○	○	○		○	●
	IRDKW0501MOE32HS	RDKW0501MOE-CX32HS	●	●	●		○	
	IRDKW0501MOE33TX	RDKW0501MOE-CX33TX	●	●	●		●	●
	IRDKW0702MOE23AX	RDKW0702MOE-CX23AX	○	○	○		○	●
	IRDKW0702MOE32HS	RDKW0702MOE-CX32HS	●	●	●		○	
	IRDKW0702MOE33TX	RDKW0702MOE-CX33TX	●	●	●		●	●
	IRDKW0702MOE43TX	RDKW0702MOE-CX43TX	●	●	●		●	
	IRDMT1003MOE23AX	RDMT1003MOE-CX23AX	○	○	○		○	●
	IRDMT1003MOE32HS	RDMT1003MOE-CX32HS	●	●	●		○	
	IRDMT1003MOE33TX	RDMT1003MOE-CX33TX	●	●	●		●	●
	IRDMT1003MOE43TX	RDMT1003MOE-CX43TX	●	●	●		●	
	IRDMT1003MOT23AX	RDMT1003MOT-CX23AX	○	○	○		○	●
	IRDMT1003MOT32HS	RDMT1003MOT-CX32HS	●	●	●		○	
	IRDMT1003MOT33TX	RDMT1003MOT-CX33TX	●	●	●		●	●
	IRDMT1003MOT43TX	RDMT1003MOT-CX43TX	●	●	●		●	

## Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IRDMX1003MOE23AX	RDMX1003MOE-CX23AX	○	○	○		○	●
	IRDMX1003MOE32HS	RDMX1003MOE-CX32HS	●	●	●		○	
	IRDMX1003MOE33TX	RDMX1003MOE-CX33TX	●	●	●		●	●
	IRDMX1003MOE43TX	RDMX1003MOE-CX43TX	●	●	●		●	
	IRDMX1003MOT23AX	RDMX1003MOT-CX23AX	○	○	○		○	●
	IRDMX1003MOT32HS	RDMX1003MOT-CX32HS	●	●	●		○	
	IRDMX1003MOT33TX	RDMX1003MOT-CX33TX	●	●	●		●	●
	IRDMX1003MOT43TX	RDMX1003MOT-CX43TX	●	●	●		●	
	IRDMT10T3MOE23AX	RDMT10T3MOE-CX23AX	○	○	○		○	●
	IRDMT10T3MOE32HS	RDMT10T3MOE-CX32HS	●	●	●		○	
	IRDMT10T3MOE33TX	RDMT10T3MOE-CX33TX	●	●	●		●	●
	IRDMT10T3MOE43TX	RDMT10T3MOE-CX43TX	●	●	●		●	
	IRDMT10T3MOT23AX	RDMT10T3MOT-CX23AX	○	○	○		○	●
	IRDMT10T3MOT32HS	RDMT10T3MOT-CX32HS	●	●	●		○	
	IRDMT10T3MOT33TX	RDMT10T3MOT-CX33TX	●	●	●		●	●
	IRDMT10T3MOT43TX	RDMT10T3MOT-CX43TX	●	●	●		●	
	IRDMW10T3MOE32HS	RDMW10T3MOE-CX32HS	●	●	●		○	
	IRDMW10T3MOE33TX	RDMW10T3MOE-CX33TX	●	●	●		●	●
	IRDMW10T3MOT32HS	RDMW10T3MOT-CX32HS	●	●	●		○	
	IRDMW10T3MOT33TX	RDMW10T3MOT-CX33TX	●	●	●		●	●
	IRDMT12T3MOE23AX	RDMT12T3MOE-CX23AX	○	○	○		○	●
	IRDMT12T3MOE32HS	RDMT12T3MOE-CX32HS	●	●	●		○	
	IRDMT12T3MOE33TX	RDMT12T3MOE-CX33TX	●	●	●		●	●
	IRDMT12T3MOE37TA	RDMT12T3MOE-CX37TA	○	○	●		○	○
	IRDMT12T3MOT23AX	RDMT12T3MOT-CX23AX	○	○	○		○	●
	IRDMT12T3MOT32HS	RDMT12T3MOT-CX32HS	●	●	●		○	
	IRDMT12T3MOT33TX	RDMT12T3MOT-CX33TX	●	●	●		●	●
	IRDMX12T3MOE23AX	RDMX12T3MOE-CX23AX	○	○	○		○	●
	IRDMX12T3MOE32HS	RDMX12T3MOE-CX32HS	●	●	●		○	
	IRDMX12T3MOE33TX	RDMX12T3MOE-CX33TX	●	●	●		●	●
	IRDMX12T3MOE43TX	RDMX12T3MOE-CX43TX	●	●	●		●	
	IRDMX12T3MOT23AX	RDMX12T3MOT-CX23AX	○	○	○		○	●
	IRDMX12T3MOT32HS	RDMX12T3MOT-CX32HS	●	●	●		○	
	IRDMX12T3MOT33TX	RDMX12T3MOT-CX33TX	●	●	●		●	●
	IRDMX12T3MOT43TX	RDMX12T3MOT-CX43TX	●	●	●		●	

## Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IRDHT1204MOE32HS	RDHT1204MOE-CX32HS	●	●	●		○	
	IRDHT1204MOE33TX	RDHT1204MOE-CX33TX	●	●	●		●	●
	IRDHT1204MOE32HS	RDHT1204MOE-CX32HS	●	●	●		○	
	IRDHT1204MOE33TX	RDHT1204MOE-CX33TX	●	●	●		●	●
	IRDMT1204MOE23AX	RDMT1204MOE-CX23AX	○	○	○		○	●
	IRDMT1204MOE32HS	RDMT1204MOE-CX32HS	●	●	●		○	
	IRDMT1204MOE33TX	RDMT1204MOE-CX33TX	●	●	●		●	●
	IRDMT1204MOE43TX	RDMT1204MOE-CX43TX	●	●	●		●	
	IRDMT1204MOT23AX	RDMT1204MOT-CX23AX	○	○	○		○	●
	IRDMT1204MOT32HS	RDMT1204MOT-CX32HS	●	●	●		○	
	IRDMT1204MOT33TX	RDMT1204MOT-CX33TX	●	●	●		●	●
	IRDMT1204MOT43TX	RDMT1204MOT-CX43TX	●	●	●		●	
	IRDMW1204MOE32HS	RDMW1204MOE-CX32HS	●	●	●		○	
	IRDMW1204MOE33TX	RDMW1204MOE-CX33TX	●	●	●		●	●
	IRDMW1204MOE43TX	RDMW1204MOE-CX43TX	●	●	●		●	
	IRDMW1204MOT23AX	RDMW1204MOT-CX23AX	○	○	○		○	●
	IRDMW1204MOT32HS	RDMW1204MOT-CX32HS	●	●	●		○	
	IRDMW1204MOT33TX	RDMW1204MOT-CX33TX	●	●	●		●	●
	IRDMW1204MOT43TX	RDMW1204MOT-CX43TX	●	●	●		●	
	IRDMW1204MOT37TA	RDMW1204MOT-CX37TA	○	○	●		○	○
	IRDMT1604MOT23AX	RDMT1604MOT-CX23AX	○	○	○		○	●
	IRDMT1604MOT32HS	RDMT1604MOT-CX32HS	●	●	●		○	
	IRDMT1604MOT33TX	RDMT1604MOT-CX33TX	●	●	●		●	●
	IRDMT1604MOT43TX	RDMT1604MOT-CX43TX	●	●	●		●	
	IRDMW1604MOT23AX	RDMW1604MOT-CX23AX	○	○	○		○	●
	IRDMW1604MOT32HS	RDMW1604MOT-CX32HS	●	●	●		○	
	IRDMW1604MOT33TX	RDMW1604MOT-CX33TX	●	●	●		●	●
	IRDMW1604MOT43TX	RDMW1604MOT-CX43TX	●	●	●		●	
	IRDMW1604MOT37TA	RDMW1604MOT-CX37TA	○	○	●		○	○