

Copy Milling - CF21

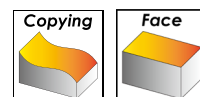
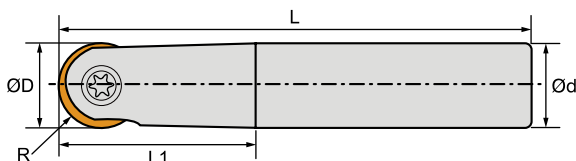
仿形銑刀

CF21 Series



- Use WP32 5R, 6R, 8R, 10R, 12.5R and 16R ball nose inserts.
- Suitable for mould & die finish or medium copy milling.
- 12~32mm cutter diameter.
- 使用 WP32 5R, 6R, 8R, 10R, 12.5R 或 16R 球形銑刀片
- 適用於模具中加工或精加工應用的仿形銑削
- 12~32mm 刀桿直徑

CF21E - Milling Tools 仿形銑刀

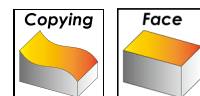
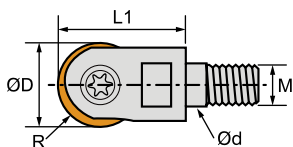


Insert Brand 建議刀片 : Winstar, Walter, ...

Order No. 訂購編碼	R	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICF21E302010100	5R	10	25	100	10	2	WP3210..	IMGR4012	IETL15	●
ICF21E302010150	5R	10	25	150	10	2				
ICF21E302012150	6R	12	32	150	12	2	WP3212..	IMGR5012	IETL20	●
ICF21E302012200	6R	12	58	200	16	2				
ICF21E302016150	8R	16	36	150	16	2	WP3216..	IMGR5016	IETL20	●
ICF21E302016200	8R	16	36	200	16	2				
ICF21E302016201	8R	16	65	200	20	2				
ICF21E302020150	10R	20	45	150	20	2	WP3220..	IMGR5020	IETL20	●
ICF21E302020200	10R	20	45	200	20	2				
ICF21E302020201	10R	20	76	200	25	2				
ICF21E302020250	10R	20	76	250	25	2				
ICF21E302025200	12.5R	25	45	200	25	2	WP3225..	IMGR6025	IETL30	●
ICF21E302025250	12.5R	25	45	250	25	2				
ICF21E302025201	12.5R	25	98	200	32	2				
ICF21E302025251	12.5R	25	98	250	32	2				
ICF21E302025300	12.5R	25	98	300	32	2				
ICF21E302032200	16R	32	50	200	32	2	WP3232..	IMGR8030	IETL30	●
ICF21E302032250	16R	32	50	250	32	2				
ICF21E302032300	16R	32	50	300	32	2				

● stock ○ by inquiry

CF21M - Modular Milling Heads 仿形銑刀頭



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

Order No. 訂購編碼	R	D	L1	d	M	T	Inserts	Screw	Wrench	Stock
ICF21M302010050	5R	10	20	5.5	M5	2	WP3210..	IMGR5010	IETL15	●
ICF21M302012060	6R	12	22	6.5	M6	2	WP3212..	IMGR5012	IETL20	●
ICF21M302012080	6R	12	30	8.5	M8	2				
ICF21M302016080	8R	16	28	8.5	M8	2	WP3216 ..	IMGR5016	IETL20	●
ICF21M302020100	10R	20	30	10.5	M10	2	WP3220 ..	IMGR5020	IETL20	●
ICF21M302025120	12.5R	25	40	12.5	M12	2	WP3225 ..	IMGR6025	IETL30	●
ICF21M302032160	16R	32	43	17	M16	2	WP3232 ..	IMGR8030	IETL30	●

● stock ○ by inquiry

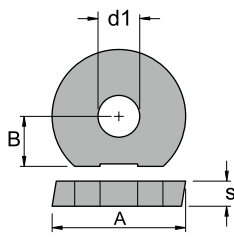
※ For screw-in type adapter, please refer to Tooling System 搭配鎖牙式刀桿，請參考刀具系統

Recommended Cutting Conditions 建議切削數據













Working Material	Vc	fz					ap
		WP3212	WP3216	WP3220	WP3225	WP3232	
Carbon Steel / Alloy Steel	150 ~ 300	0.20	0.20	0.25	0.25	0.30	$\leq 0.03 \times \text{ØD}$
Stainless Steel	100 ~ 250	0.20	0.20	0.25	0.25	0.30	$\leq 0.03 \times \text{ØD}$
Cast Iron	90 ~ 350	0.25	0.30	0.30	0.35	0.40	$\leq 0.04 \times \text{ØD}$
Hardened Steel	100 ~ 350	0.10	0.125	0.15	0.20	0.25	$\leq 0.02 \times \text{ØD}$

Insert Specifications 刀片規格

Insert	Dimensions (mm)			
	A	B	S	d1
WP3210	10	5	2.5	4
WP3212	12	6	2.5	5
WP3216	16	6	3	5
WP3220	20	6	3	5
WP3225	25	9	4	6
WP3232	32	10	5	8



Insert Designation 刀片型號

Insert	Order No. 訂購編碼	Designation	Working Material					
			P	M	K	N	S	H
	IWP3210SM13TX	WP3210-SM-CX13TX	○	○	○		○	●
	IWP3210SM23AX	WP3210-SM-CX23AX	○	○	○		○	●
	IWP3212SM13TX	WP3212-SM-CX13TX	○	○	○		○	●
	IWP3212SM23AX	WP3212-SM-CX23AX	○	○	○		○	●
	IWP3216SM13TX	WP3216-SM-CX13TX	○	○	○		○	●
	IWP3216SM23AX	WP3216-SM-CX23AX	○	○	○		○	●
	IWP3220SM13TX	WP3220-SM-CX13TX	○	○	○		○	●
	IWP3220SM23AX	WP3220-SM-CX23AX	○	○	○		○	●
	IWP3225SM13TX	WP3225-SM-CX13TX	○	○	○		○	●
	IWP3225SM23AX	WP3225-SM-CX23AX	○	○	○		○	●
	IWP3232SM13TX	WP3232-SM-CX13TX	○	○	○		○	●
	IWP3232SM23AX	WP3232-SM-CX23AX	○	○	○		○	●
	IWP3210MM13TX	WP3210-MM-CX13TX	○	○	○		○	●
	IWP3210MM23AX	WP3210-MM-CX23AX	○	○	○		○	●
	IWP3212MM13TX	WP3212-MM-CX13TX	○	○	○		○	●
	IWP3212MM23AX	WP3212-MM-CX23AX	○	○	○		○	●
	IWP3216MM13TX	WP3216-MM-CX13TX	○	○	○		○	●
	IWP3216MM23AX	WP3216-MM-CX23AX	○	○	○		○	●
	IWP3220MM13TX	WP3220-MM-CX13TX	○	○	○		○	●
	IWP3220MM23AX	WP3220-MM-CX23AX	○	○	○		○	●
	IWP3225MM13TX	WP3225-MM-CX13TX	○	○	○		○	●
	IWP3225MM23AX	WP3225-MM-CX23AX	○	○	○		○	●
	IWP3232MM13TX	WP3232-MM-CX13TX	○	○	○		○	●
	IWP3232MM23AX	WP3232-MM-CX23AX	○	○	○		○	●