

CXBN Series



- Use BNMX double-sided inserts with 4 cutting edges.
- High feed and low cutting force offers better productivity.
- 15~100mm cutter diameter, max. 1.4mm depth of cut.

- 使用 BNMX 雙面銑刀片，4 個可用切削角
- 高進給及低切削阻力設計確保較大的生產率，適用於各種應用及材料
- 15~100mm 刀桿直徑，最大切削深度可達 1.4mm

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CXLN Series



- Use LNMX double-sided inserts with 4 cutting edges.
- High feed and sharp cutting edges for low cutting force applications.
- 16~50mm cutter diameter, max. 0.9mm depth of cut.

- 使用 LNMX 雙面銑刀片，4 個可用切削角
- 高進給及大前角設計的切削刀可實現極低切削阻力，並達成高金屬移除率
- 16~50mm 刀桿直徑，最大切削深度可達 0.9mm

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CXLO Series



- Use LOGX double-sided inserts with 4 cutting edges.
- High feed and high precision cutting edges for good surface finishing.
- 16~50mm cutter diameter, max. 0.9mm depth of cut.

- 使用 LOGX 雙面銑刀片，4 個可用切削角
- 高進給及高精度切削刃適用於高溫合金加工，並可達到優良的表面光潔度
- 16~50mm 刀桿直徑，最大切削深度可達 0.9mm

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CXWN Series



- Use WNMX double-sided inserts with 6 cutting edges.
- High feed and low cost for multi-functional applications.
- 25~160mm cutter diameter, max. 1.35mm depth of cut.

- 使用 WNMX 雙面銑刀片，6 個可用切削角
- 高進給及低成本適用於面銑、斜坡銑和插銑等多功能加工
- 25~160mm 刀桿直徑，最大切削深度可達 1.35mm

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CALP Series



- Use LPGX inserts with 2 cutting edges.
- High feed and small size cutter for replacing solid carbide tools.
- 8~16mm cutter diameter, max. 0.5mm depth of cut.
- 使用 LPGX 銑刀片, 2 個可用切削角
- 高進給及小尺寸刀具可取代全鎢鋼刀具, 適用於廣泛的加工及材質應用
- 8~16mm 刀桿直徑, 最大切削深度可達 0.5mm

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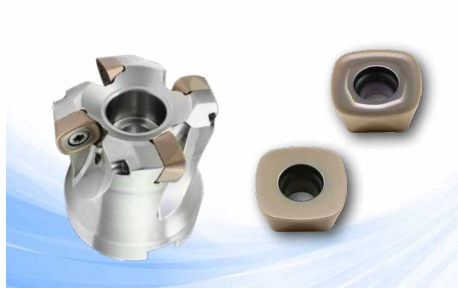
CAJX Series



- Use JDMT or JDMW inserts with 3 cutting edges.
- High feed and high rigidity cutting edge for wide range applications.
- 32~100mm cutter diameter, max. 2mm depth of cut.
- 使用 JDMT 或 JDMW 銑刀片, 3 個可用切削角
- 高進給及高剛性切削刀口適用於各種材料和應用
- 32~100mm 刀桿直徑, 最大切削深度可達 2mm

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CASR Series



- Use SDMT or SDNW inserts with 4 cutting edges.
- High feed and more economical for wide range applications.
- 50~80mm cutter diameter, max. 1.5mm depth of cut.
- 使用 SDMT 或 SDNW 銑刀片, 4 個可用切削角
- 高進給、高經濟及高剛性切削刀口適用於各種材料和應用
- 50~80mm 刀盤直徑, 最大切削深度可達 1.5mm

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CF23 Series



- Use WP26 inserts with 3 cutting edges.
- High feed and high rigidity negative designed for hardened steel.
- 32~160mm cutter diameter, max. 2mm depth of cut.
- 使用 WP26 銑刀片, 3 個可用切削角
- 高進給及高剛性負角設計, 適用於較硬材料加工
- 32~160mm 刀桿直徑, 最大切削深度可達 2mm

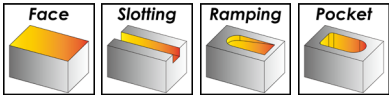
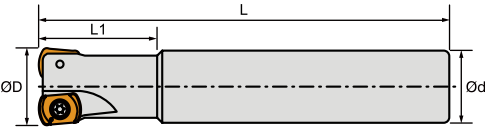
→ Page A092

CXBN Series



- Use BNMX double-sided inserts with 4 cutting edges.
- High feed and low cutting force offers better productivity.
- 15~100mm cutter diameter, max. 1.4mm depth of cut.
- 使用 BNMX 雙面銑刀片，4 個可用切削角
- 高進給及低切削阻力設計確保較大的生產率，適用於各種應用及材料
- 15~100mm 刀桿直徑，最大切削深度可達 1.4mm

CXBNE - Milling Tools 高進給銑刀

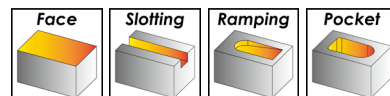
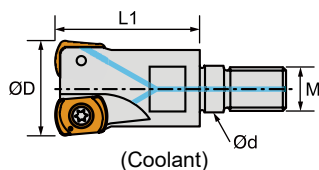
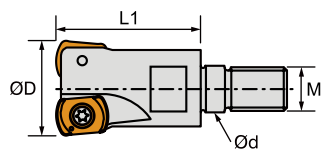


Insert Brand : Winstar, Taegutec, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICXBNE602015130	15	26	130	16	2	BNMX0603	ITS3004	ITK08	●
ICXBNE602016130	16	26	130	16	2				●
ICXBNE602017130	17	26	130	16	2				●
ICXBNE602018130	18	25	130	20	2				●
ICXBNE603020150	20	40	150	20	3				●
ICXBNE603021150	21	40	150	20	3				●
ICXBNE604025150	25	40	150	25	4				●
ICXBNE604026150	26	30	150	25	4				●
ICXBNE604032200	32	45	200	32	4	BNMX0904	ITS4009	ITK15	●
ICXBNE903025150	25	40	150	25	3				●
ICXBNE903032150	32	40	150	32	3				●

● stock ○ by inquiry Customize available.

CXBNM - Modular Milling Heads 高進給銑刀頭



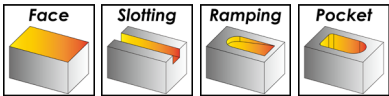
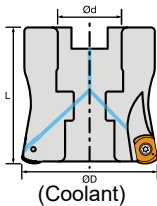
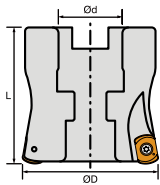
Insert Brand : Winstar, Taegutec, ...

Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXBNM602016080	16	26	8.5	M8	2		BNMX0603	ITS3004	ITK08	●
ICXBNM602016081	16	26	8.5	M8	2	✓				●
ICXBNM603020100	20	30	10.5	M10	3					●
ICXBNM603020101	20	30	10.5	M10	3	✓				●
ICXBNM603021100	21	30	10.5	M10	3					●
ICXBNM603025120	25	35	12.5	M12	3					●
ICXBNM604025120	25	35	12.5	M12	4					●
ICXBNM604025121	25	35	12.5	M12	4	✓				●
ICXBNM603026120	26	35	12.5	M12	3					●
ICXBNM604032161	32	40	17.0	M16	4	✓				●
ICXBNM605032161	32	40	17.0	M16	5	✓				●
ICXBNM606040161	40	43	17.0	M16	6	✓				●
ICXBNM903025121	25	35	12.5	M12	3	✓	BNMX0904	ITS4009	ITK15	●
ICXBNM904032161	32	40	17.0	M16	4	✓				●
ICXBNM904035161	35	43	17.0	M16	4	✓				○
ICXBNM905042161	42	43	17.0	M16	5	✓				●

● stock ○ by inquiry

※ For screw-in type adapter, please refer to Tooling System

CXBNF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Taegutec, ...

Order No.	D	L	d	T	Coolant Hole	Inserts	 Screw	 Wrench	Stock
ICXBNF606040220	40	50	22	6		BNMX0603	ITS3004	ITK08	●
ICXBNF606040221	40	50	22	6	✓				●
ICXBNF607050220	50	50	22	7					●
ICXBNF607050221	50	50	22	7	✓				●
ICXBNF607052221	52	50	22	7	✓				○
ICXBNF607063220	63	50	22	7					●
ICXBNF906050221	50	50	22	6	✓	BNMX0904	ITS3504	ITK15	●
ICXBNF906052221	52	50	22	6	✓				●
ICXBNF907063220	63	50	22	7			ITS4009		●
ICXBNF907063271	63	50	27	7	✓		ITS3504		●
ICXBNF907066271	66	50	27	7	✓				○
ICXBNF908080271	80	50	27	8	✓				●
ICXBNF910100321	100	50	32	10	✓				●

● stock ○ by inquiry Customize available.

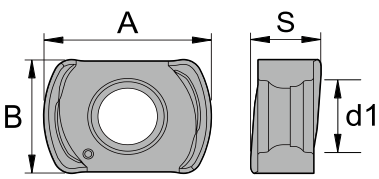
Recommended Cutting Conditions 建議切削數據

Working Material	BNMX0603			BNMX0904		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9	120 ~ 250	0.4 ~ 2.0	0.3 ~ 1.4
Stainless Steel	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7	100 ~ 180	0.3 ~ 1.6	0.3 ~ 1.2
Cast Iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9	120 ~ 250	0.4 ~ 2.0	0.3 ~ 1.4
High Temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6	40 ~ 100	0.3 ~ 1.2	0.3 ~ 1.2
Hardened Steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6	50 ~ 100	0.3 ~ 1.4	0.3 ~ 1.2

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
BNMX0603	2.0	0.42	
BNMX0904	2.5	0.61	

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	B	S	d1	
BNMX0603	9.0	6.38	3.75	3.2	
BNMX0904	11.9	9.18	4.8	4.2	

Insert Designation 刀片型號

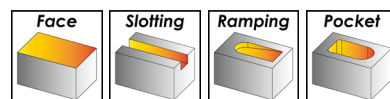
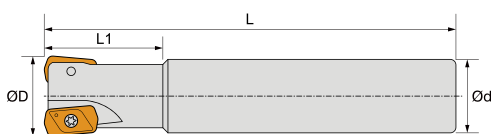
Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	IBNMX0603SG23TX	BNMX0603-SG-CX23TX	○	○	○		○	●
	IBNMX0603SG32HS	BNMX0603-SG-CX32HS	●	○	●			
	IBNMX0603SG33TX	BNMX0603-SG-CX33TX	●	○	●		○	●
	IBNMX0603SG33UX	BNMX0603-SG-CX33UX	●	●	●		●	○
	IBNMX0603SG43TX	BNMX0603-SG-CX43TX	●	●			●	
	IBNMX0603MG23TX	BNMX0603-MG-CX23TX	○	○	○		○	●
	IBNMX0603MG32HS	BNMX0603-MG-CX32HS	●	○	●			
	IBNMX0603MG33TX	BNMX0603-MG-CX33TX	●	○	●		○	●
	IBNMX0603MG33UX	BNMX0603-MG-CX33UX	●	●	●		●	○
	IBNMX0603MG43TX	BNMX0603-MG-CX43TX	●	●			●	
	IBNMX0603MG37TA	BNMX0603-MG-CX37TA	●		●			○
	IBNMX0603MG47TA	BNMX0603-MG-CX47TA	●	○	●		○	
	IBNMX0603RG23TX	BNMX0603-RG-CX23TX	○	○	○		○	●
	IBNMX0603RG32HS	BNMX0603-RG-CX32HS	●	○	●			
	IBNMX0603RG33TX	BNMX0603-RG-CX33TX	●	○	●		○	●
	IBNMX0603RG43TX	BNMX0603-RG-CX43TX	●	●			●	
	IBNMX0603RG37TA	BNMX0603-RG-CX37TA	●		●			○
	IBNMX0603RG47TA	BNMX0603-RG-CX47TA	●	○	●		○	
	IBNMX0904MG23TX	BNMX0904-MG-CX23TX	○	○	○		○	●
	IBNMX0904MG32HS	BNMX0904-MG-CX32HS	●	○	●			
	IBNMX0904MG33TX	BNMX0904-MG-CX33TX	●	○	●		○	●
	IBNMX0904MG33UX	BNMX0904-MG-CX33UX	●	●	●		●	○
	IBNMX0904MG43TX	BNMX0904-MG-CX43TX	●	●			●	
	IBNMX0904MG37TA	BNMX0904-MG-CX37TA	●		●			○
	IBNMX0904MG47TA	BNMX0904-MG-CX47TA	●	○	●		○	

CXLN Series



- Use LNMX double-sided inserts with 4 cutting edges.
- High feed and sharp cutting edges for low cutting force applications.
- 16~50mm cutter diameter, max. 0.9mm depth of cut.
- 使用 LNMX 雙面銑刀片，4 個可用切削角
- 高進給及大前角設計的切削刃可實現極低切削阻力，並達成高金屬移除率
- 16~50mm 刀桿直徑，最大切削深度可達 0.9mm

CXLNE - Milling Tools 高進給銑刀



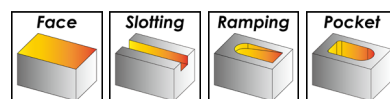
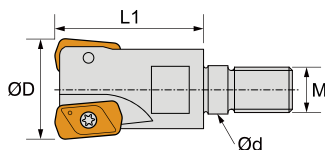
Insert Brand : Winstar, Tungaloy, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICXLNE302016100	16	30	100	16	2	LNMX0303	ITS2535	ITK07	●
ICXLNE302016150	16	30	150	16	2				●
ICXLNE303020150	20	50	150	20	3				●
ICXLNE304020130	20	50	130	20	4				○
ICXLNE304025150	25	60	150	25	4				●
ICXLNE305025140	25	60	140	25	5				○
ICXLNE306032150	32	70	150	32	6				●

● stock ○ by inquiry

Customize available.

CXLNM - Modular Milling Heads 高進給銑刀頭



Insert Brand : Winstar, Tungaloy, ...

Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXLNM302017080	17	26	8.5	M8	2		LNMX0303	ITS2535	ITK07	●
ICXLNM303021100	21	32	10.5	M10	3					●
ICXLNM303021101	21	32	10.5	M10	3	✓				●
ICXLNM304026120	26	38	12.5	M12	4					●
ICXLNM304032160	32	41	17	M16	4					●

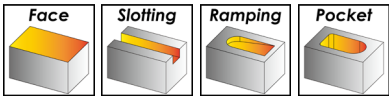
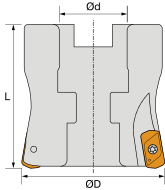
● stock ○ by inquiry

※ For screw-in type adapter, please refer to Tooling System

High Feed Milling - CXLN

高進給銑刀

CXLNF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Tungaloy, ...

Order No.	D	L	d	T	Inserts	Screw	Wrench	Stock
ICXLNF308050220	50	50	22	8	LNMX0303	ITS2535	ITK07	○

● stock ○ by inquiry

Customize available.

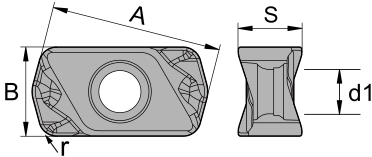
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Stainless Steel	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7
Cast Iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
High Temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6
Hardened Steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
LNMX0303	1.5	0.5	

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	B	S	d1	
LNMX0303	11.59	6.0	4.29	2.85	

Insert Designation 刀片型號

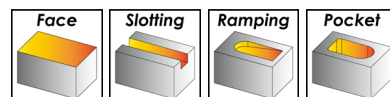
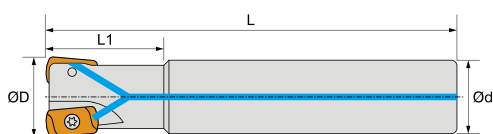
Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	ILNMX0303SG23TX	LNMX0303-SG-CX23TX	○	○	○		○	●
	ILNMX0303SG32HS	LNMX0303-SG-CX32HS	●	○	●			
	ILNMX0303SG33TX	LNMX0303-SG-CX33TX	●	○	●		○	●
	ILNMX0303SG43TX	LNMX0303-SG-CX43TX	●	●			●	
	ILNMX0303MG23TX	LNMX0303-MG-CX23TX	○	○	○		○	●
	ILNMX0303MG32HS	LNMX0303-MG-CX32HS	●	○	●			
	ILNMX0303MG33TX	LNMX0303-MG-CX33TX	●	○	●		○	●
	ILNMX0303MG43TX	LNMX0303-MG-CX43TX	●	●			●	

CXLO Series



- Use LOGX double-sided inserts with 4 cutting edges.
- High feed and high precision cutting edges for good surface finishing.
- 16~50mm cutter diameter, max. 0.9mm depth of cut.
- 使用 LOGX 雙面銑刀片，4 個可用切削角
- 高進給及高精度切削刀適用於高溫合金加工，並可達到優良的表面光潔度
- 16~50mm 刀桿直徑，最大切削深度可達 0.9mm

CXLOE - Milling Tools 高進給銑刀



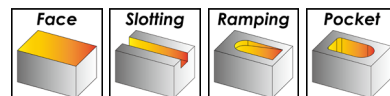
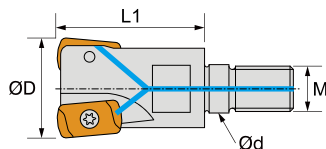
Insert Brand : Winstar, Kyocera, ...

Order No.	D	L1	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXLOE302016150	16	30	150	16	2		LOGX0303	ITS3004	ITK08	●
ICXLOE302016151	16	30	150	16	2	✓				●
ICXLOE302017150	17	20	150	16	2					●
ICXLOE302018150	18	20	150	16	2					●
ICXLOE303020150	20	50	150	20	3					●
ICXLOE303020151	20	50	150	20	3	✓				●
ICXLOE303021150	21	30	150	20	3					●
ICXLOE303022150	22	20	150	20	3					●
ICXLOE304025150	25	60	150	25	4					●
ICXLOE304025151	25	50	150	25	4	✓				●
ICXLOE304026150	26	35	150	25	4					●
ICXLOE304026151	26	35	150	25	4	✓				●
ICXLOE304026200	26	45	200	25	4					●
ICXLOE304028150	28	20	150	25	4					●
ICXLOE305028150	28	20	150	25	5					●
ICXLOE304030150	30	46	150	32	4					●
ICXLOE305032150	32	70	150	32	5					●
ICXLOE305033151	33	20	150	32	5	✓				●
ICXLOE305033200	33	20	200	32	5					●
ICXLOE305035200	35	20	200	32	5					●

● stock ○ by inquiry

Customize available.

CXLOM - Modular Milling Heads 高進給銑刀頭



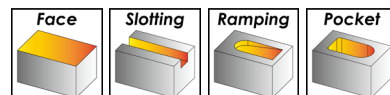
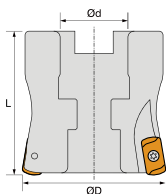
Insert Brand : Winstar, Kyocera, ...

Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXLOM302017081	17	25	8.5	M8	2	✓	LOGX0303	ITS3004	ITK08	●
ICXLOM303021101	21	30	10.5	M10	3	✓				●
ICXLOM304026121	26	35	12.5	M12	4	✓				●
ICXLOM304035161	35	40	17	M16	4	✓				●
ICXLOM305035161	35	40	17	M16	5	✓				●

● stock ○ by inquiry

※ For screw-in type adapter, please refer to Tooling System

CXLOF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Kyocera, ...

Order No.	D	L	d	T	Inserts	Screw	Wrench	Stock
ICXLOF307050220	50	50	22	7	LOGX0303	ITS3004	ITK08	●

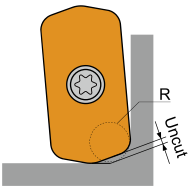
● stock ○ by inquiry

Customize available.

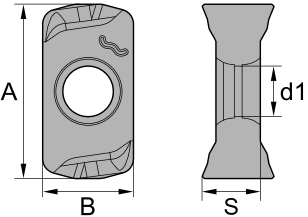
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
Stainless Steel	100 ~ 180	0.3 ~ 1.2	0.3 ~ 0.7
Cast Iron	120 ~ 250	0.4 ~ 1.6	0.3 ~ 0.9
High Temperature Alloy	40 ~ 100	0.3 ~ 0.8	0.3 ~ 0.6
Hardened Steel	50 ~ 100	0.3 ~ 1.0	0.3 ~ 0.6

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
LOGX030310	1.6	0.39	

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	B	S	d1	
LOGX030310	11.9	6.2	3.96	3.45	

Insert Designation 刀片型號

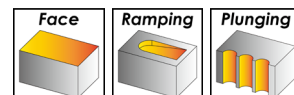
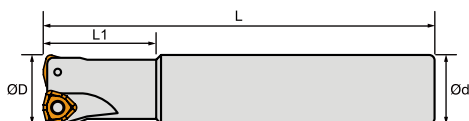
Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	ILOGX030310SG32HS	LOGX030310-SG-CX32HS	●	○	●			
	ILOGX030310SG33TX	LOGX030310-SG-CX33TX	●	○	●		○	●
	ILOGX030310SG33UX	LOGX030310-SG-CX33UX	●	●	●		●	○
	ILOGX030310SG43TX	LOGX030310-SG-CX43TX	●	●			●	
	ILOGX030310MG32HS	LOGX030310-MG-CX32HS	●	○	●			
	ILOGX030310MG33TX	LOGX030310-MG-CX33TX	●	○	●		○	●
	ILOGX030310MG33UX	LOGX030310-MG-CX33UX	●	●	●		●	○
	ILOGX030310MG43TX	LOGX030310-MG-CX43TX	●	●			●	

CXWN Series



- Use WNMX double-sided inserts with 6 cutting edges.
- High feed and low cost for multi-functional applications.
- 25~160mm cutter diameter, max. 1.35mm depth of cut.
- 使用 WNMX 雙面銑刀片，6 個可用切削角
- 高進給及低成本適用於面銑、斜坡銑和插銑等多功能加工
- 25~160mm 刀桿直徑，最大切削深度可達 1.35mm

CXWNE - Milling Tools 高進給銑刀



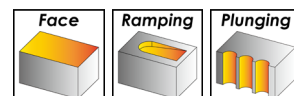
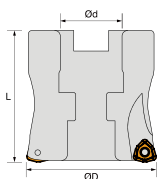
Insert Brand : Winstar, Korloy, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICXWNE902025150	25	40	150	25	2	WNMX09T3	ITS3006	ITK10	●
ICXWNE903032150	32	40	150	32	3				●

● stock ○ by inquiry

Customize available.

CXWNF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Korloy, ...

Order No.	D	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXWNF905050220	50	50	22	5		WNMX09T3	ITS3006	ITK10	●
ICXWNF905050221	50	50	22	5	✓				●
ICXWNF905063220	63	50	22	5					●
ICXWNF905063221	63	50	22	5	✓				●
ICXWNF305063220	63	50	22	5		WNMX1305	ITS4006	ITK15	●
ICXWNF307080270	80	50	27	7					●
ICXWNF310160400	160	63	40	10					●

● stock ○ by inquiry

Customize available.

Recommended Cutting Conditions 建議切削數據

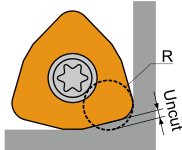
WNMX09T3

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
Stainless Steel	100 ~ 180	0.4 ~ 1.2	0.4 ~ 1.0
Cast Iron	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
High Temperature Alloy	40 ~ 100	0.4 ~ 1.0	0.4 ~ 1.0
Hardened Steel	50 ~ 100	0.4 ~ 1.1	0.4 ~ 1.0

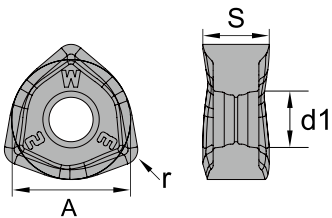
WNMX1305

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
Stainless Steel	100 ~ 180	0.3 ~ 2.0	0.4 ~ 1.4
Cast Iron	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
High Temperature Alloy	40 ~ 100	0.3 ~ 1.6	0.4 ~ 1.3
Hardened Steel	50 ~ 100	0.3 ~ 2.0	0.4 ~ 1.3

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
WNMX09T3	2.5	0.6	
WNMX1305	3.0	1.0	

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	S	r	d1	
WNMX09T3	9.525	3.97	1.6	3.6	
WNMX1305	12.7	6.0	1.6	4.7	

Insert Designation 刀片型號

Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	IWNMX09T316MG32HS	WNMX09T316-MG-CX32HS	●	○	●			
	IWNMX09T316MG33TX	WNMX09T316-MG-CX33TX	●	○	●		○	●
	IWNMX09T316MG33UX	WNMX09T316-MG-CX33UX	●	●	●		●	○
	IWNMX09T316MG43TX	WNMX09T316-MG-CX43TX	●	●			●	
	IWNMX09T316MG37TA	WNMX09T316-MG-CX37TA	●		●			○
	IWNMX09T316MG47TA	WNMX09T316-MG-CX47TA	●	○	●		○	
	IWNMX09T316RG32HS	WNMX09T316-RG-CX32HS	●	○	●			
	IWNMX09T316RG33TX	WNMX09T316-RG-CX33TX	●	○	●		○	●
	IWNMX09T316RG43TX	WNMX09T316-RG-CX43TX	●	●			●	
	IWNMX09T316RG37TA	WNMX09T316-RG-CX37TA	●		●			○
	IWNMX09T316RG47TA	WNMX09T316-RG-CX47TA	●	○	●		○	
	IWNMX130516MG32HS	WNMX130516-MG-CX32HS	●	○	●			
	IWNMX130516MG33TX	WNMX130516-MG-CX33TX	●	○	●		○	●
	IWNMX130516MG33UX	WNMX130516-MG-CX33UX	●	●	●		●	○
	IWNMX130516MG43TX	WNMX130516-MG-CX43TX	●	●			●	
	IWNMX130516MG37TA	WNMX130516-MG-CX37TA	●		●			○
	IWNMX130516MG47TA	WNMX130516-MG-CX47TA	●	○	●		○	

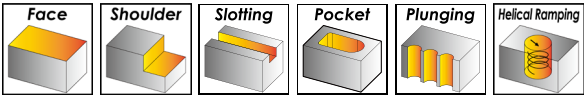
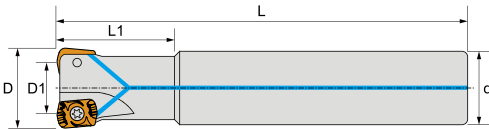
High Feed Milling - CALP 高進給銑刀

CALP Series



- Use LPGX inserts with 2 cutting edges.
- High feed and small size cutter for replacing solid carbide tools.
- 8~16mm cutter diameter, max. 0.5mm depth of cut.
- 使用 LPGX 銑刀片，2 個可用切削角
- 高進給及小尺寸刀具可取代全鎢鋼刀具，適用於廣泛的加工及材質應用
- 8~16mm 刀桿直徑，最大切削深度可達 0.5mm

CALPE - Milling Tools 高進給銑刀



Insert Brand : Winstar, Kyocera, ...

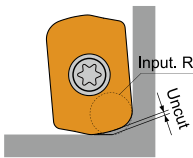
Order No.	D	D1	L1	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICALPE101008080	8	4.2	16	80	10	1		LPGX0102	IMS1804A	ITK06	●
ICALPE101008081	8	4.2	16	80	10	1	✓				●
ICALPE102010080	10	6.2	20	80	10	2					●
ICALPE102010081	10	6.2	20	80	10	2	✓				●
ICALPE103012080	12	8.2	20	80	12	3					●
ICALPE103012081	12	8.2	20	80	12	3	✓				●
ICALPE104016090	16	12.2	20	90	16	4					●
ICALPE104016091	16	12.2	20	90	16	4	✓				●

● stock ○ by inquiry Customize available.

Recommended Cutting Conditions 建議切削數據

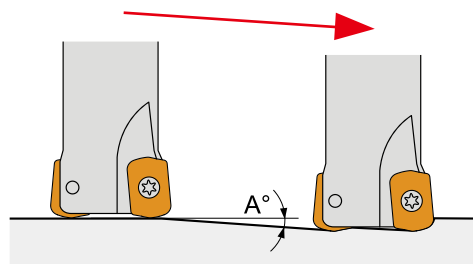
Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.2 ~ 0.8	0.2 ~ 0.5
Stainless Steel	100 ~ 180	0.2 ~ 0.6	0.2 ~ 0.4
Cast Iron	120 ~ 250	0.2 ~ 0.8	0.2 ~ 0.5
High Temperature Alloy	40 ~ 100	0.2 ~ 0.4	0.2 ~ 0.3
Hardened Steel	50 ~ 100	0.2 ~ 0.5	0.2 ~ 0.3

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
LPGX0102	1.2	0.17	

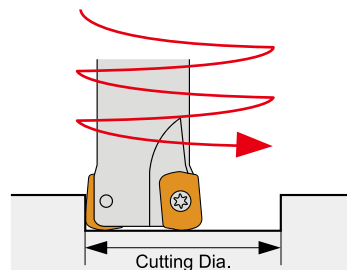
For Ramping 斜坡加工

Cutter Dia. (mm)	Max. ramping angle (A°)	tan (A°)
10	3.0°	0.052
11	2.5°	0.044
12	2.0°	0.035
16	1.2°	0.021
17	1.0°	0.017

**For Helical Milling** 螺旋加工

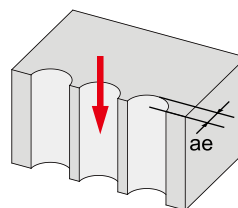
Mini Cutting Dia.	Max Cutting Dia.
2 × Cutter Dia. - 3.5	2 × Cutter Dia. - 2

※ Do not exceed the Max Cutting Dia and lower than the Mini Cutting Dia.

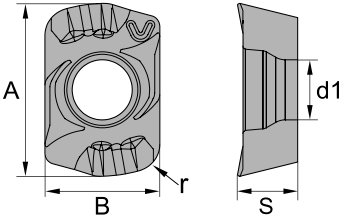
**For Plunging** 垂直加工

Max. ae
1.7mm

※ Reduce feed rate to fz=0.2mm/t or less.



Insert Specifications 刀片規格

Insert	Dimensions (mm)					
	A	B	S	r	d1	
LPGX0102	6.26	4.19	2.19	1.0	2.2	

※ Suitable for M2.0 or M1.8 screw.

Insert Designation 刀片型號

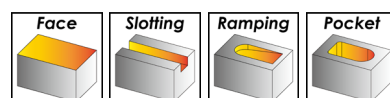
Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	ILPGX0102SG33TX	LPGX0102-SG-CX33TX	●	○	●		○	●
	ILPGX0102SG33UX	LPGX0102-SG-CX33UX	●	●	●		●	○
	ILPGX0102SG43TX	LPGX0102-SG-CX43TX	●	●			●	
	ILPGX0102MG33TX	LPGX0102-MG-CX33TX	●	○	●		○	●
	ILPGX0102MG33UX	LPGX0102-MG-CX33UX	●	●	●		●	○
	ILPGX0102MG43TX	LPGX0102-MG-CX43TX	●	●			●	

CAJX Series



- Use JDMT or JDMW inserts with 3 cutting edges.
- High feed and high rigidity cutting edge for wide range applications.
- 32~100mm cutter diameter, max. 2mm depth of cut.
- 使用 JDMT 或 JDMW 銑刀片, 3 個可用切削角
- 高進給及高剛性切削刀口適用於各種材料和應用
- 32~100mm 刀桿直徑, 最大切削深度可達 2mm

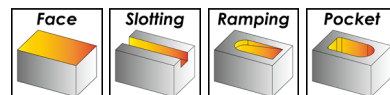
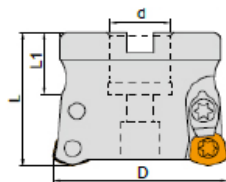
CAJXE - Milling Tools 高進給銑刀



Insert Brand : Winstar, Mitsubishi, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Clamp	Clamp Screw	Stock
ICAJXE202032150	32	35	150	32	2	JDMW1204	ITS4008	ITK15	IAS04	IAJ4012	●

CAJXF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Mitsubishi, ...

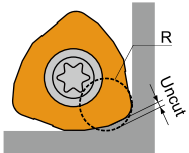
Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Clamp	Clamp Screw	Stock
ICAJXF204050220	50	23	45	22	4	JDMW1204	ITS4008	ITK15	IAS04	IAJ4012	●
ICAJXF205063220	63	23	50	22	5						●
ICAJXF206080270	80	26	55	27	6						●
ICAJXF404063220	63	23	50	22	4	JDMW1405 JDMT1405	ITS5001	ITK20	IAS05	IAJ5014	●
ICAJXF405080270	80	26	55	27	5						●
ICAJXF406100320	100	32	55	32	6						●

● stock ○ by inquiry

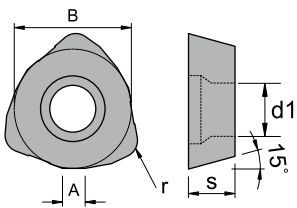
Recommended Cutting Conditions 建議切削數據

Working Material	JDMW1204			JDMW1405		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.8 ~ 1.3	0.3 ~ 1.5	120 ~ 250	0.8 ~ 1.8	0.5 ~ 2.0
Stainless Steel	100 ~ 180	0.6 ~ 1.0	0.3 ~ 1.0	100 ~ 180	0.6 ~ 1.2	0.5 ~ 1.5
Cast Iron	120 ~ 250	0.8 ~ 1.3	0.3 ~ 1.5	120 ~ 250	0.8 ~ 1.8	0.5 ~ 2.0
High Temperature Alloy	40 ~ 100	0.5 ~ 1.0	0.3 ~ 1.0	40 ~ 100	0.5 ~ 1.2	0.5 ~ 1.5
Hardened Steel	50 ~ 100	0.5 ~ 1.0	0.3 ~ 1.0	50 ~ 100	0.5 ~ 1.2	0.5 ~ 1.5

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
JDMW1204	3.0	0.63	
JDMW / JDMT1405	3.0	0.64	

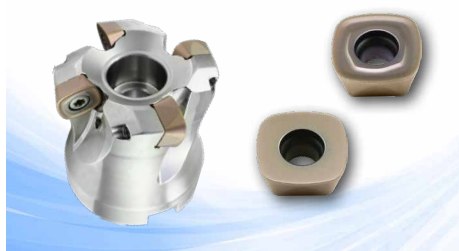
Insert Specifications 刀片規格

Insert	Dimensions (mm)					
	A	B	S	r	d1	
JDMW1204	2.5	12.0	4.76	2.0	4.75	
JDMW1405	2.8	14.0	5.56	2.0	5.75	
JDMT1405	2.8	14.0	5.56	2.0	5.75	

Insert Designation 刀片型號

Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	IJDMW120420SMG32HS	JDMW120420ZDSR-MG-CX32HS	●	○	●			
	IJDMW120420SMG33TX	JDMW120420ZDSR-MG-CX33TX	●	○	●		○	●
	IJDMW120420SMG43TX	JDMW120420ZDSR-MG-CX43TX	●	●			●	
	IJDMW120420SRG32HS	JDMW120420ZDSR-RG-CX32HS	●	○	●			
	IJDMW120420SRG33TX	JDMW120420ZDSR-RG-CX33TX	●	○	●		○	●
	IJDMW120420SRG43TX	JDMW120420ZDSR-RG-CX43TX	●	●			●	
	IJDMW120420SRG37TA	JDMW120420ZDSR-RG-CX37TA	●		●			○
	IJDMW140520SMG32HS	JDMW140520ZDSR-MG-CX32HS	●	○	●			
	IJDMW140520SMG33TX	JDMW140520ZDSR-MG-CX33TX	●	○	●		○	●
	IJDMW140520SRG32HS	JDMW140520ZDSR-RG-CX32HS	●	○	●			
	IJDMW140520SRG33TX	JDMW140520ZDSR-RG-CX33TX	●	○	●		○	●
	IJDMT140520SMG32HS	JDMT140520ZDSR-MG-CX32HS	●	○	●			
	IJDMT140520SMG33TX	JDMT140520ZDSR-MG-CX33TX	●	○	●		○	●
	IJDMT140520SMG43TX	JDMT140520ZDSR-MG-CX43TX	●	●			●	

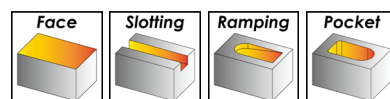
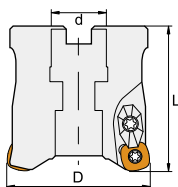
CASR Series



- Use SDMT or SDNW inserts with 4 cutting edges.
- High feed and more economical for wide range applications.
- 50~80mm cutter diameter, max. 1.5mm depth of cut.

- 使用 SDMT 或 SDNW 銑刀片, 4 個可用切削角
- 高進給、高經濟及高剛性切削刀口適用於各種材料和應用
- 50~80mm 刀盤直徑, 最大切削深度可達 1.5mm

CASRF - Milling Tools 高進給銑刀



Insert Brand : Winstar, Hitachi, ...

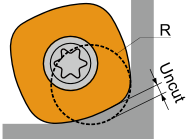
Order No.	D	L	d	T	Inserts	Screw	Wrench	Clamp	Clamp Screw	Stock
ICASRF203050220	50	22	50	3	SDMT1205 SDNW1205	IMS4011A	ITF15	IYR-06	IMS4008ES	●
ICASRF204050220	50	22	50	4						●
ICASRF203063220	63	22	50	3						●
ICASRF204063220	63	22	50	4						●
ICASRF204080310	80	31.75	55	4						●
ICASRF204080320	80	32	55	4						●
ICASRF205080310	80	31.75	55	5						●
ICASRF205080320	80	32	55	5						●

● stock ○ by inquiry

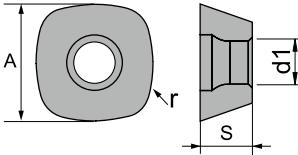
Recommended Cutting Conditions 建議切削數據

Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.8 ~ 1.8	0.3 ~ 1.5
Stainless Steel	100 ~ 180	0.6 ~ 1.2	0.3 ~ 1.0
Cast Iron	120 ~ 250	0.8 ~ 1.8	0.3 ~ 1.5
High Temperature Alloy	40 ~ 100	0.5 ~ 1.2	0.3 ~ 1.0
Hardened Steel	50 ~ 100	0.5 ~ 1.2	0.3 ~ 1.0

Corner R Programming R 角軟體模擬設定

Designation	Approx. R (mm)		
	Input. R	Uncut	
SDMT1205 / SDNW1205	4.5	0.83	

Insert Specifications 刀片規格

Insert	Dimensions (mm)				
	A	S	r	d1	
SDMT1205	12.7	5.56	15	4.6	
SDNW1205	12.7	5.56	15	4.6	

Insert Designation 刀片型號

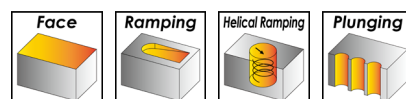
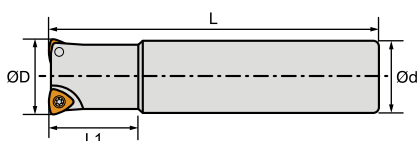
Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	ISDMT1205ZDENSG23TX	SDMT1205ZDEN-SG-CX23TX	○	○	○		○	●
	ISDMT1205ZDENSG32HS	SDMT1205ZDEN-SG-CX32HS	●	○	●			
	ISDMT1205ZDENSG33TX	SDMT1205ZDEN-SG-CX33TX	●	○	●		○	●
	ISDMT1205ZDENSG33UX	SDMT1205ZDEN-SG-CX33UX	●	●	●		●	○
	ISDMT1205ZDENSG43TX	SDMT1205ZDEN-SG-CX43TX	●	●			●	
	ISDMT1205ZDTNMG23TX	SDMT1205ZDTN-MG-CX23TX	○	○	○		○	●
	ISDMT1205ZDTNMG32HS	SDMT1205ZDTN-MG-CX32HS	●	○	●			
	ISDMT1205ZDTNMG33TX	SDMT1205ZDTN-MG-CX33TX	●	○	●		○	●
	ISDMT1205ZDTNMG33UX	SDMT1205ZDTN-MG-CX33UX	●	●	●		●	○
	ISDMT1205ZDTNMG43TX	SDMT1205ZDTN-MG-CX43TX	●	●			●	
	ISDMT1205ZDTNRG23TX	SDMT1205ZDTN-RG-CX23TX	○	○	○		○	●
	ISDMT1205ZDTNRG32HS	SDMT1205ZDTN-RG-CX32HS	●	○	●			
	ISDMT1205ZDTNRG33TX	SDMT1205ZDTN-RG-CX33TX	●	○	●		○	●
	ISDMT1205ZDTNRG43TX	SDMT1205ZDTN-RG-CX43TX	●	●			●	
	ISDNW1205ZDTNMG32HS	SDNW1205ZDTN-MG-CX32HS	●	○	●			
	ISDNW1205ZDTNMG33TX	SDNW1205ZDTN-MG-CX33TX	●	○	●		○	●
	ISDNW1205ZDTNRG23TX	SDNW1205ZDTN-RG-CX23TX	○	○	○		○	●
	ISDNW1205ZDTNRG32HS	SDNW1205ZDTN-RG-CX32HS	●	○	●			
	ISDNW1205ZDTNRG33TX	SDNW1205ZDTN-RG-CX33TX	●	○	●		○	●
	ISDNW1205ZDTNRG43TX	SDNW1205ZDTN-RG-CX43TX	●	●			●	
	ISDNW1205ZDTNRG37TA	SDNW1205ZDTN-RG-CX37TA	●		●			○

CF23 Series



- Use WP26 inserts with 3 cutting edges.
- High feed and high rigidity negative designed for hardened steel.
- 32~160mm cutter diameter, max. 2mm depth of cut.
- 使用 WP26 銑刀片, 3 個可用切削角
- 高進給及高剛性負角設計, 適用於較硬材料加工
- 32~160mm 刀桿直徑, 最大切削深度可達 2mm

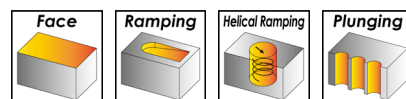
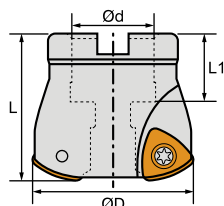
CF23E - Milling Tools 高進給銑刀



Insert Brand : Winstar, Walter, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICF23E203032150	32	28	150	32	3	WP26339R14	ITS4005	ITK15	○
ICF23E203035180	35	40	180	32	3				○
ICF23E203035230	35	40	230	32	3				●
ICF23E204040200	40	40	200	32	4				○
ICF23E202040200	40	45	200	32	2	WP26379R25	ITS5002	ITK20	○
ICF23E203050200	50	45	200	32	3				○

CF23F - Milling Tools 高進給銑刀



Insert Brand : Winstar, Walter, ...

Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICF23F203050220	50	21	50	22	3	WP26379R25	ITS5002	ITK20	●
ICF23F204063220	63	21	50	22	4				○
ICF23F205080270	80	23	50	27	5				○
ICF23F206100320	100	26	50	32	6				●
ICF23F207125400	125	38	63	40	7				○
ICF23F208160400	160	38	63	40	8				●

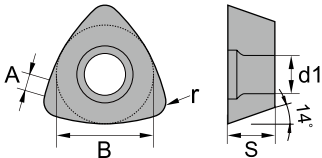
● stock ○ by inquiry

Customize available.

Recommended Cutting Conditions 建議切削數據

Working Material	WP26339R14			WP26379R25		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.5	120 ~ 250	0.4 ~ 3.0	0.4 ~ 2.0
Stainless Steel	100 ~ 180	0.4 ~ 1.2	0.4 ~ 1.0	100 ~ 180	0.4 ~ 2.0	0.4 ~ 1.4
Cast Iron	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.5	120 ~ 250	0.4 ~ 3.0	0.4 ~ 2.0
High Temperature Alloy	40 ~ 100	0.4 ~ 1.0	0.4 ~ 1.0	40 ~ 100	0.4 ~ 1.6	0.4 ~ 1.2

Insert Specifications 刀片規格

Insert	Dimensions (mm)					
	A	B	S	r	d1	
WP26339R14	-	9.52	3.97	1.2	4.4	
WP26379R25	1.1	13	5.56	2.0	5.5	

Insert Designation 刀片型號

Insert	Order No.	Code-Chipbreaker-Grade	Working Material					
			P	M	K	N	S	H
	IWP26314RG23TX	WP26339R14-RG-CX23TX	○	○	○		○	●
	IWP26314RG32HS	WP26339R14-RG-CX32HS	●	○	●			
	IWP26314RG33TX	WP26339R14-RG-CX33TX	●	○	●		○	●
	IWP26314RG43TX	WP26339R14-RG-CX43TX	●	●			●	
	IWP26725RG23TX	WP26379R25-RG-CX23TX	○	○	○		○	●
	IWP26725RG32HS	WP26379R25-RG-CX32HS	●	○	●			
	IWP26725RG33TX	WP26379R25-RG-CX33TX	●	○	●		○	●
	IWP26725RG43TX	WP26379R25-RG-CX43TX	●	●			●	