



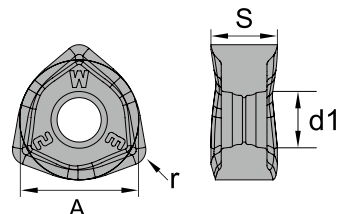
***New Economical Solution for  
High Feed Face Milling Applications!!!***

- ***CXWN High Feed Face Mill Series is more economical due to the use of 6 cutting edges compared to conventional tool with a 3/4 edges positive insert.***
- ***Double sided has been designed for rigidity of cutting edge.***
- ***New insert design for multiple functional machining, such as face milling, Ramping and plunging.***

**CXWN High Feed Face Milling**

### Insert Specifications

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

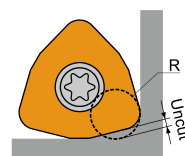


### Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IWNMX09T316MG22HS	WNMX09T316-MG-CX22HS	●	●	●		○	●
	IWNMX09T316MG32HS	WNMX09T316-MG-CX32HS	●	●	●		○	○
	IWNMX09T316MG33TS	WNMX09T316-MG-CX33TS	●	●	●		●	●
	IWNMX09T316MG43TS	WNMX09T316-MG-CX43TS	●	●	●		●	
	IWNMX09T316RG22HS	WNMX09T316-RG-CX22HS	●	●	●		○	●
	IWNMX09T316RG23TS	WNMX09T316-RG-CX23TS	●	●	●		●	●
	IWNMX09T316RG32HS	WNMX09T316-RG-CX32HS	●	●	●		○	○
	IWNMX09T316RG33TS	WNMX09T316-RG-CX33TS	●	●	●		●	●
	IWNMX09T316RG43TS	WNMX09T316-RG-CX43TS	●	●	●		●	
	IWNMX130516MG22HS	WNMX130516-MG-CX22HS	●	●	●		○	●
	IWNMX130516MG23TS	WNMX130516-MG-CX23TS	●	●	●		●	●
	IWNMX130516MG32HS	WNMX130516-MG-CX32HS	●	●	●		○	○
	IWNMX130516MG33TS	WNMX130516-MG-CX33TS	●	●	●		●	●
	IWNMX130516MG43TS	WNMX130516-MG-CX43TS	●	●	●		●	

### Corner R Programming

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



**CXWN High Feed Face Milling**

## Recommended Cutting Conditions

**for WNMX09T3**

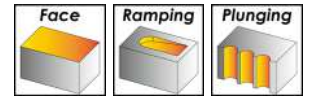
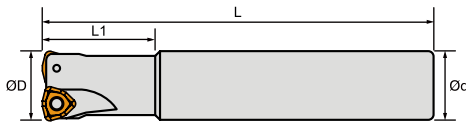
Working Material	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
Stainless Steel	100 ~ 180	0.4 ~ 1.2	0.4 ~ 1.0
Cast Iron	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
High Temperature Alloy	40 ~ 100	0.4 ~ 1.0	0.4 ~ 1.0
Hardened Steel	50 ~ 100	0.4 ~ 1.1	0.4 ~ 1.0

**for 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

**CXWN High Feed Face Milling**

**CXWNE - Milling tools**

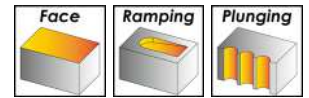
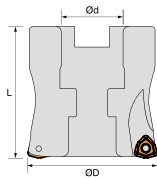


Order No.	D	L1	L	d	T	Inserts	Screw	Wrench	Stock
ICXWNE902025150	25	40	150	25	2	WNMX09T3	ITS3006	ITK10	●
ICXWNE903032150	32	40	150	32	3				●

● stock ○ by inquiry

Customize available.

**CXWNF - Milling tools**



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					●

● stock ○ by inquiry

Customize available.