

CXWN High Feed Face Milling

Double sided, 6 cutting edges

New Economical Solution

for High Feed Face Milling Applications!!!

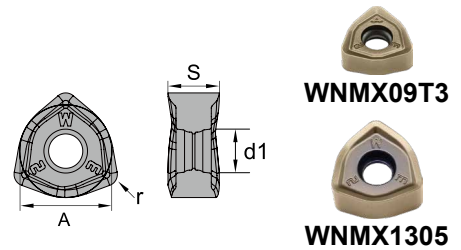


- *CXWN High Feed Face Mill Series is more economical due to the use of 6 cutting edges compared to conventional tool with a 3/4 edges positive insert.*
- *Double sided has been designed for rigidity of cutting edge.*
- *New insert design for multiple functional machining, such as face milling, Ramping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



Insert Specification

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 Geometry

Shape	Chipbreaker	Application
	MG	Low cutting force for medium cutting in steel, stainless and cast iron.
	RG	Strong geometry design for rough cutting in steel, alloy steel and hardened steel.

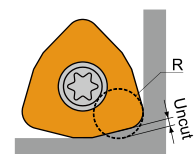
Insert Grade

Grade Type	Machining Application	Industry area
CX22HS	<ul style="list-style-type: none"> Continuous semi-finishing machining For hardened steel and cast Iron 	<ul style="list-style-type: none"> Die and mould Hardened parts
CX32HS	<ul style="list-style-type: none"> Medium machining For carbon steel, alloy steel and stainless steel 	<ul style="list-style-type: none"> Auto parts Machinery parts
CX43TS	<ul style="list-style-type: none"> Roughing or interrupted machining For carbon steel, alloy steel, stainless steel and high temperature alloy. 	<ul style="list-style-type: none"> Auto parts Machinery parts Aircraft parts

※ Different grades for various applications are available to select, please contact us for more information.

Corner R Programming

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



Recommended Cutting Conditions




for WNMX09T3

Working Material	Vc	fz	ap
Carbon Steel (HB85-225)	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
Stainless 300 Series	100 ~ 180	0.4 ~ 1.2	0.4 ~ 1.0
Cast Iron (HB140-220)	120 ~ 250	0.4 ~ 1.5	0.4 ~ 1.35
High temp. & Titanium alloy	40 ~ 100	0.4 ~ 1.0	0.4 ~ 1.0
Hardened steel	50 ~ 100	0.4 ~ 1.1	0.4 ~ 1.0

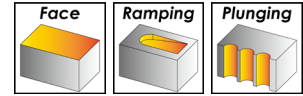
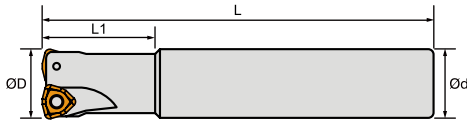
for WNMX1305

Working Material	Vc	fz	ap
Carbon Steel (HB85-225)	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
Stainless 300 Series	100 ~ 180	0.3 ~ 2.0	0.4 ~ 1.4
Cast Iron (HB140-220)	120 ~ 250	0.4 ~ 3.0	0.4 ~ 1.7
High temp. & Titanium alloy	40 ~ 100	0.3 ~ 1.6	0.4 ~ 1.3
Hardened steel	50 ~ 100	0.3 ~ 2.0	0.4 ~ 1.3

Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IWNMX09T316MG32HS	WNMX09T316-MG-CX32HS	●	●	●		○	○
	IWNMX09T316RG22HS	WNMX09T316-RG-CX22HS	●	○	●		○	●
	IWNMX09T316RG32HS	WNMX09T316-RG-CX32HS	●	●	●		○	○
	IWNMX09T316RG43TS	WNMX09T316-RG-CX43TS	●	●	●		●	
	IWNMX130516MG22HS	WNMX130516-MG-CX22HS	●	○	●		○	●
	IWNMX130516MG32HS	WNMX130516-MG-CX32HS	●	●	●		○	○
	IWNMX130516MG43TS	WNMX130516-MG-CX43TS	●	●	●		●	

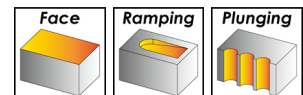
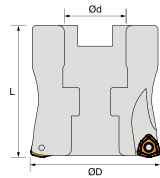
CXWNE - Milling tools



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

Customize available.

CXWF - Milling tools



Order No.	D	L	d	T	Inserts	Screw	Wrench
ICXWNF905050220	50	50	22	5	WNMX09T3	ITS3006	ITK10
ICXWNF905063220	63	50	22	5			
ICXWNF305063220	63	50	22	5	WNMX1305	ITS4006	ITK15
ICXWNF307080270	80	50	27	7			

Customize available.

