

CXLN High Feed Face Milling

Double sided, 4 cutting edges

***More Speed, More Feed, More Cutting Depth
and More Performance !!***

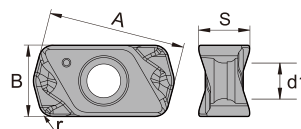


- *Available in End mill, Modular and Face mill type.*
- *Up to 1mm D.O.C capability.*
- *Large positive insert rake angles for extremely easy cutting.*
- *Single screw design for high rigid & tensile clamping.*



Insert Specification

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



Insert Geometry

Shape	Chipbreaker	Application
	MG	Low cutting force for medium cutting in steel, stainless and cast iron.

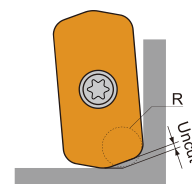
Insert Grade

Grade Type	Machining Application	Industry area
CX21NS	- High speed & high feed - Shallow depth - Semi-Finishing to Medium - Continuous machining	- Mold, Die and Hardness steel - Difficult-to-cut material
CX31NA	- Medium to high speed - Moderate to large depth - Medium to Roughing - General machining	- Automotive - Mold and Die - Steel and Stainless
CX41NA	- Medium speed - Large depth - Roughing - Interrupted machining	- Automotive - Steel, Alloy steel and Stainless

※ 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
LNMX0303	1.5	0.5



Recommended Cutting Conditions

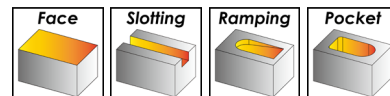
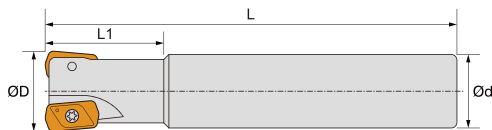
Working Material	Vc	fz	ap
Carbon Steel (HB85-225)	100 ~ 220	0.4 ~ 1.6	0.4 ~ 0.9
Stainless 300 Series	70 ~ 150	0.3 ~ 0.8	0.4 ~ 0.7
Cast Iron (HB140-220)	100 ~ 220	0.4 ~ 1.6	0.4 ~ 0.9
High temp. & Titanium alloy	40 ~ 80	0.3 ~ 0.8	0.4 ~ 0.6
Hardened steel	50 ~ 100	0.3 ~ 1.0	0.4 ~ 0.6

Order Code

Insert	Order No.	Working Material					
		P	M	K	N	S	H
	LNMX0303-MG-CX21NS	●	○	●		●	●
	LNMX0303-MG-CX31NA	●	○	●		○	○
	LNMX0303-MG-CX41NA	●	●	●		○	



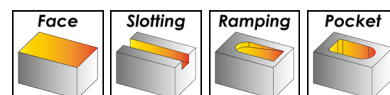
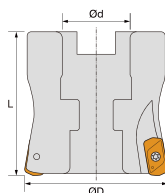
CXLNE - End mill tools



Order No.	D	L1	L	d	T	Coolant Hole	Inserts	Screw	Wrench
ICXLNE3020161000	16	30	100	16	2		LNMX0303	TS2535	TK07
ICXLNE3040201300	20	50	130	20	4				
ICXLNE3040251500	25	60	150	25	4				
ICXLNE3060321500	32	70	150	32	6				

Customize available.

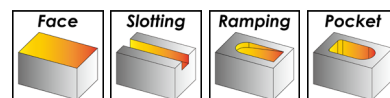
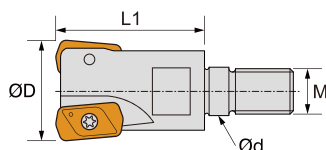
CXLNF - Face mill tools



Order No.	D	L	d	T	Coolant Hole	Inserts	Screw	Wrench
ICXLNF3050502200	50	50	22	5		LNMX0303	TS2535	TK07

Customize available.

CXLNM - Modular tools



Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench
ICXLNM3020170800	17	26	8.5	M8	2		LNMX0303	TS2535	TK07
ICXLNM3030211000	21	32	10.5	M10	3				
ICXLNM3040261200	26	38	12.5	M12	4				
ICXLNM3040321600	32	41	17	M16	4				

Customize available.

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