

CXXN Shoulder Milling



Milling

Indexable Milling Cutters

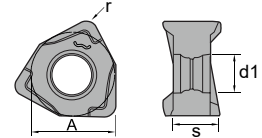
***Economical solution in
various end-milling applications !!!***

- ***CXXN is the best solution 90° milling with the economy of 6 cutting edges while providing the highest performance.***
- ***Available in multiple mounting tools, such as End mill, Modular and Face mill type.***
- ***Suitable for small and large sized milling machines.***

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Insert Specifications

Insert	Dimensions (mm)			
	A	S	r	d1
XNMX040304	6.7	3.285	0.4	3.15
XNMX040308	6.7	3.285	0.8	3.15
XNMX080608	12.53	6.5	0.8	4.5



Insert Order Code

Insert	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IXNMX040304SG22HS	XNMX040304-SG-CX22HS	●	●	●		○	●
	IXNMX040304SG23TS	XNMX040304-SG-CX23TS	●	●	●		●	●
	IXNMX040304SG32HS	XNMX040304-SG-CX32HS	●	●	●		○	○
	IXNMX040304SG33TS	XNMX040304-SG-CX33TS	●	●	●		●	●
	IXNMX040304MG22HS	XNMX040304-MG-CX22HS	●	●	●		○	●
	IXNMX040304MG32HS	XNMX040304-MG-CX32HS	●	●	●		○	○
	IXNMX040304MG33TS	XNMX040304-MG-CX33TS	●	●	●		●	●
	IXNMX040308MG22HS	XNMX040308-MG-CX22HS	●	●	●		○	●
	IXNMX040308MG23TS	XNMX040308-MG-CX23TS	●	●	●		●	●
	IXNMX040308MG32HS	XNMX040308-MG-CX32HS	●	●	●		○	○
	IXNMX040308MG33TS	XNMX040308-MG-CX33TS	●	●	●		●	●
	IXNMX040308MG43TS	XNMX040308-MG-CX43TS	●	●	●		●	
	IXNMX080608MG22HS	XNMX080608-MG-CX22HS	●	●	●		○	●
	IXNMX080608MG23TS	XNMX080608-MG-CX23TS	●	●	●		●	●
	IXNMX080608MG32HS	XNMX080608-MG-CX32HS	●	●	●		○	○
	IXNMX080608MG33TS	XNMX080608-MG-CX33TS	●	●	●		●	●
	IXNMX080608MG43TS	XNMX080608-MG-CX43TS	●	●	●		●	
	IXNMX080608RG32HS	XNMX080608-RG-CX32HS	●	●	●		○	○
	IXNMX080608RG33TS	XNMX080608-RG-CX33TS	●	●	●		●	●
	IXNMX080608RG43TS	XNMX080608-RG-CX43TS	●	●	●		●	

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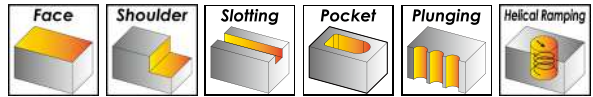
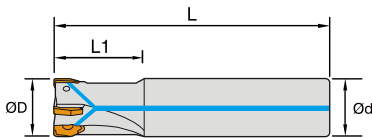
Recommended Cutting Conditions

Working Material	for XNMX0403			for XNMX0806		
	Vc	fz	ap	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.16	0.3 ~ 3.0	120 ~ 250	0.1 ~ 0.3	0.3 ~ 7.0
Stainless Steel	100 ~ 180	0.08 ~ 0.12	0.3 ~ 1.6	100 ~ 180	0.08 ~ 0.25	0.3 ~ 4.5
Cast Iron	120 ~ 250	0.10 ~ 0.16	0.3 ~ 3.0	120 ~ 250	0.1 ~ 0.3	0.3 ~ 7.0
High Temperature Alloy	40 ~ 100	0.08 ~ 0.12	0.3 ~ 1.5	40 ~ 100	0.08 ~ 0.18	0.3 ~ 4.0
Hardened Steel	50 ~ 100	0.09 ~ 0.13	0.3 ~ 1.5	50 ~ 100	0.09 ~ 0.19	0.3 ~ 4.0

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CXXNE - Milling tools



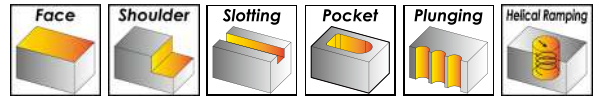
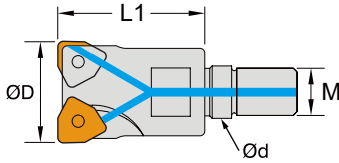
Order No.	D	L1	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXXNE403020150	20	40	150	20	3		XNMX0403	ITS2512	ITK08	●
ICXXNE403020200	20	100	200	20	3					●
ICXXNE404025150	25	40	150	25	4			●		
ICXXNE405032200	32	45	200	32	5			●		
ICXXNE403020111	20	28	110	20	3	✓		●		
ICXXNE404025121	25	28	120	25	4	✓		●		
ICXXNE405032131	32	30	130	32	5	✓		●		

● stock ○ by inquiry

Customize available.

CXXN Shoulder Milling

CXXNM - Modular tools

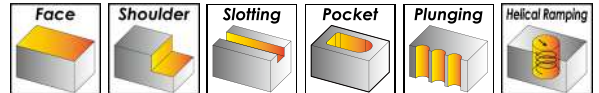
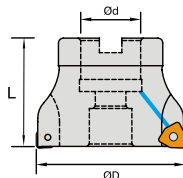


Order No.	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXXNM402017081	17	26	8.5	M08	2	✓	XNMX0403	ITS2512	ITK08	●
ICXXNM403021101	21	32	10.5	M10	3	✓				●
ICXXNM404026121	26	38	12.5	M12	4	✓				●
ICXXNM404032160	32	41	17	M16	4					○

● stock ○ by inquiry

Customize available.

CXXNF - Milling tools



Order No.	D	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICXXNF406050220	50	50	22	6		XNMX0403	ITS2512	ITK08	●
ICXXNF407063220	63	50	22	7					●
ICXXNF407063250	63	50	25.4	7					●
ICXXNF407040161	40	40	16	7	✓				●
ICXXNF409050221	50	40	22	9	✓	XNMX0806	ITS4006	ITK15	●
ICXXNF805050221	50	40	22	5	✓				●
ICXXNF806063221	63	40	22	6	✓				●
ICXXNF807080271	80	50	27	7	✓				●
ICXXNF811100321	100	50	32	11	✓				○
ICXXNF811125401	125	63	40	11	✓	○			

● stock ○ by inquiry

Customize available.