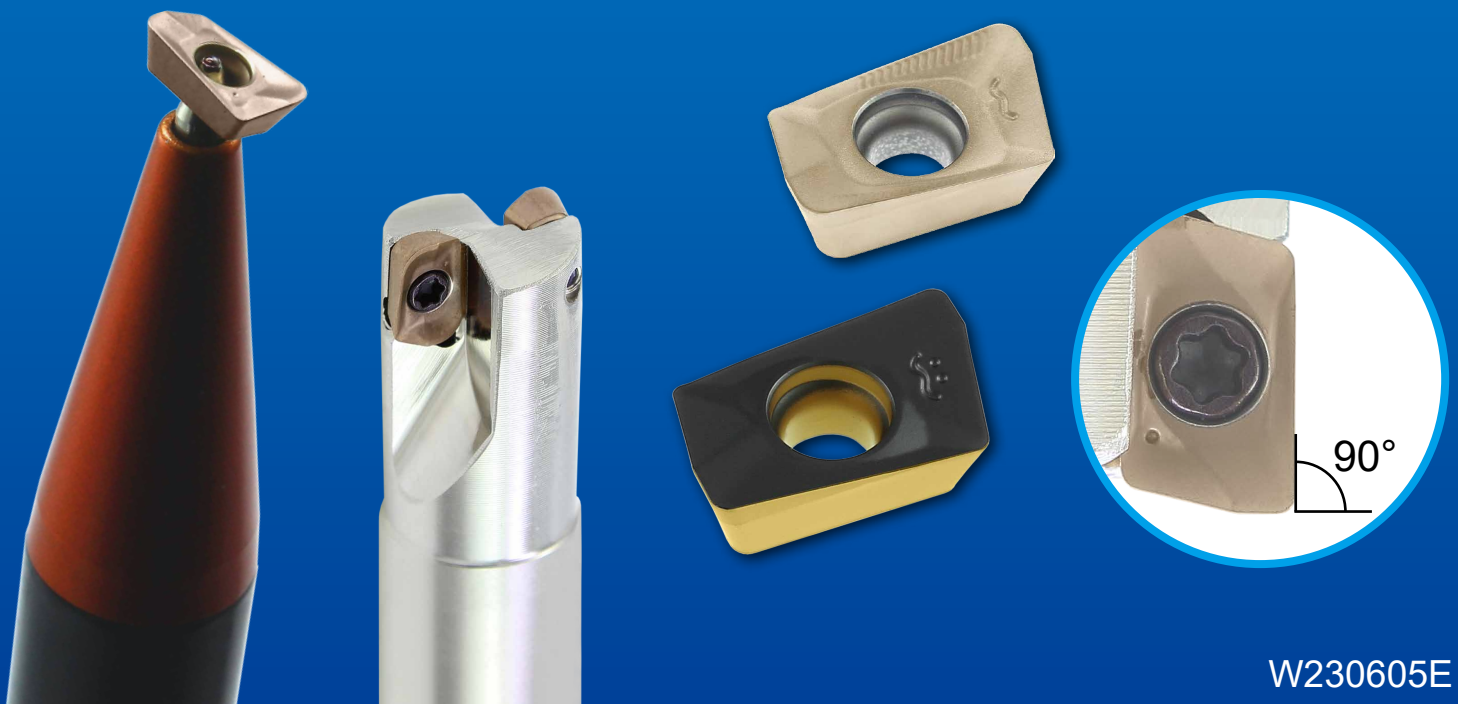


CAXO 90° Shoulder Milling

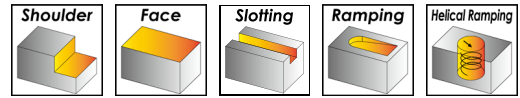
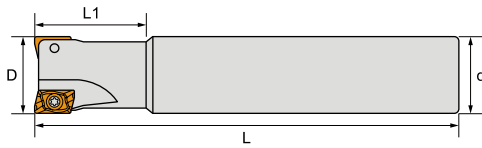
XOMT

- XOMT insert with optimized chip breaker reduces heat generation and cutting forces.
- Multi-layer PVD/CVD smooth coating provides long tool life.
- Cutter size range is from 6mm to 32mm.
- Replacing solid carbide endmill with better cost saving.



Shoulder Milling - CAXO

Milling Tools



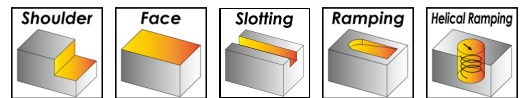
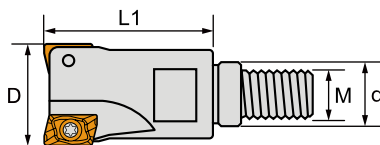
Insert Brand : Winstar, Seco, ...

Order No. 訂購編碼	D	L1	L	d	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICAXOE601006080	6	10	80	6	1		XOMT0602	ITS1610	ITK06	●
ICAXOE601008090	8	10	90	8	1					●
ICAXOE602010100	10	20	100	10	2			●		
ICAXOE602012100	12	20	100	12	2			●		
ICAXOE603012100	12	20	100	12	3			●		
ICAXOE602013100	13	20	100	12	2			●		
ICAXOE603013100	13	20	100	12	3			●		
ICAXOE604016100	16	30	100	16	4			●		
ICAXOE605020120	20	30	120	20	5			●		
ICAXOE102016150	16	22	150	16	2			XOMT10T3	ITS2515	ITK08
ICAXOE102020150	20	28	150	20	2		○			
ICAXOE104025150	25	35	150	25	4		○			
ICAXOE105032150	32	40	150	32	5		○			
ICAXOE203025151	25	36	150	25	3	✓	XOMT1204	ITS3501	ITK15	●
ICAXOE204032150	32	40	150	32	4					●

● stock ○ by inquiry

Customize available.

Modular Milling Heads



Insert Brand : Winstar, Seco, ...

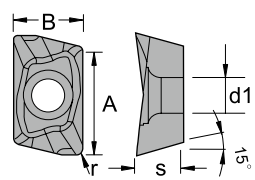
Order No. 訂購編碼	D	L1	d	M	T	Coolant Hole	Inserts	Screw	Wrench	Stock
ICAXOM602010050	10	16	5.5	M5	2		XOMT0602	ITS1801	ITK06	○
ICAXOM603012060	12	18	6.5	M6	3					●
ICAXOM604016080	16	20	8.5	M8	4					●
ICAXOM605020100	20	30	10.5	M10	5					●
ICAXOM102016080	16	26	8.5	M8	2		XOMT10T3	TS2515	ITK08	●
ICAXOM102016081	16	26	8.5	M8	2	✓				●
ICAXOM103020100	20	30	10.5	M10	3					●
ICAXOM103020101	20	30	10.5	M10	3	✓				●

● stock ○ by inquiry

Shoulder Milling - CAXO

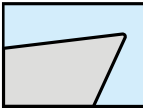
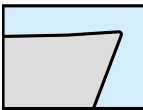
Insert Specifications

Insert	Dimensions (mm)				
	A	B	S	r	d1
XOMT060204	5.5	4.1	2.45	0.4	2
XOMT060208	5.5	4.1	2.45	0.8	2
XOMT060216	5.5	4.1	2.45	1.6	2
XOMT10T308	9.3	6.9	3.83	0.8	3
XOMT120408	11.6	8.2	5.07	0.8	3.9
XOMT120412	11.6	8.2	5.07	1.2	3.9









A = Effective Cutting length

Insert Geometry

Chipbreaker 斷屑槽	Application 加工特性
 <p>SG</p>	Semi-finishing cutting with sharp geometry design for carbon steel, alloy steel, stainless steel and difficult-to-cut material.
 <p>MG</p>	Medium cutting with low cutting force for carbon steel, alloy steel, stainless steel, high temperature alloy and cast iron.

Insert Grade

Grade Type	Coating Color	Properties	Application	Working Material						Industry Area
				P	M	K	N	S	H	
CX23AX (PVD)		<ul style="list-style-type: none"> Wear resistance 	<ul style="list-style-type: none"> Continuous finishing machining For hardened steel is 1st recommended 	○	○	○	○	●	○	<ul style="list-style-type: none"> Mold & Die Hardened parts
CX33TX (PVD)		<ul style="list-style-type: none"> Wear resistance Anti-corrosion 	<ul style="list-style-type: none"> Medium to roughing General machining For carbon steel & alloy steel is 1st recommended 	●	●	●	○	○	○	<ul style="list-style-type: none"> Mold & Die Automotive Machinery Aerospace
CX33UX (PVD)										
CX37TA (CVD)		<ul style="list-style-type: none"> Wear resistance Impact resistance 	<ul style="list-style-type: none"> Medium to roughing For cast iron is 1st recommended 	●	○	●	○	○	○	<ul style="list-style-type: none"> Automotive Machinery
CX43TX (PVD)		<ul style="list-style-type: none"> Tough substrate Anti-corrosion 	<ul style="list-style-type: none"> Medium to roughing Interrupted machining For stainless steel is 1st recommended 	●	●	○	○	○	○	<ul style="list-style-type: none"> Electronics Medical Aerospace
CX47TA (CVD)		<ul style="list-style-type: none"> High impact resistance High toughness 	<ul style="list-style-type: none"> Roughing Interrupted machining For alloy steel & stainless steel are recommended 	●	●	○	○	○	○	<ul style="list-style-type: none"> Machinery Aerospace Energy

Shoulder Milling - CAXO

Recommended Cutting Conditions

Working Material	XOMT0602		
	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.08 ~ 0.20	0.3 ~ 3.0
Stainless Steel	100 ~ 180	0.05 ~ 0.15	0.3 ~ 2.5
Cast Iron	120 ~ 250	0.08 ~ 0.13	0.3 ~ 3.0
High Temperature Alloy	40 ~ 100	0.05 ~ 0.12	0.3 ~ 2.5
Hardened Steel	50 ~ 100	0.05 ~ 0.13	0.3 ~ 2.5

Working Material	XOMT10T3		
	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.10 ~ 0.22	0.3 ~ 7.0
Stainless Steel	100 ~ 180	0.08 ~ 0.18	0.3 ~ 4.0
Cast Iron	120 ~ 250	0.10 ~ 0.22	0.3 ~ 7.0
High Temperature Alloy	40 ~ 100	0.07 ~ 0.14	0.3 ~ 5.0
Hardened Steel	50 ~ 100	0.07 ~ 0.15	0.3 ~ 5.0

Working Material	XOMT1204		
	Vc	fz	ap
Carbon Steel / Alloy Steel	120 ~ 250	0.14 ~ 0.31	0.5 ~ 11.0
Stainless Steel	100 ~ 180	0.11 ~ 0.25	0.5 ~ 7.0
Cast Iron	120 ~ 250	0.14 ~ 0.31	0.5 ~ 11.0
High Temperature Alloy	40 ~ 100	0.10 ~ 0.20	0.5 ~ 7.0
Hardened Steel	50 ~ 100	0.10 ~ 0.21	0.5 ~ 7.0