EUROLOY
CUTTING TOOLS

NEW
PRODUCT

SOLUTIONS
FOR ALUMINIUM
MILLING

#EUROLOY**EXCELLENCE**

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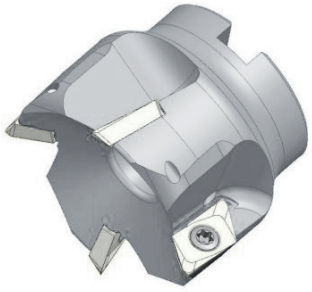
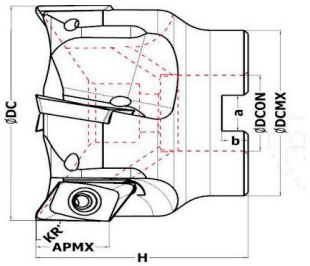
20251509

Arbor Type Face Mills



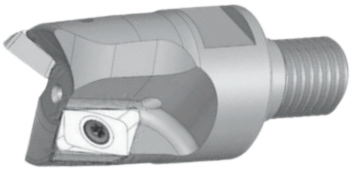


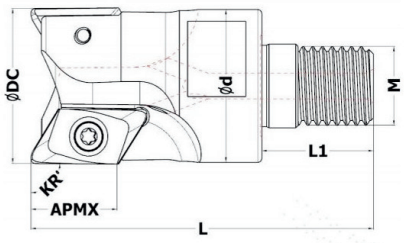
Application

Euroloy Code	DC	H	DCMX	DCON	⚙	a	b	KR	APMX	Insert	Screw	Wrench
MCK040-03-XE19-C	40	45	34	16	3	8,8	6	90	17	XEKT19..	SM4X10	T15
MCK050-04-XE19-C	50	50	42	22	4	9,6	6.3	90	17	XEKT19..	SM4X10	T15
MCK063-04-XE19-C	63	50	48	22	4	10,3	6.3	90	17	XEKT19..	SM4X10	T15
MCK080-05-XE19-C	80	50	57	27	5	12,3	7.3	90	17	XEKT19..	SM4X10	T15
MCK100-06-XE19-C	100	52	70	32	6	12,3	8.3	90	17	XEKT19..	SM4X10	T15
MCK125-07-XE19-C	125	54	87	40	7	16,3	9.3	90	17	XEKT19..	SM4X10	T15

(mm)

Screw Type End Mills



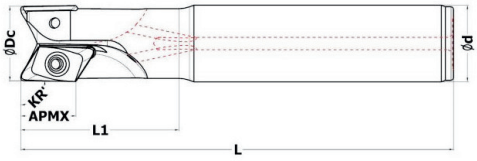


Application

Euroloy Code	DC	L	L1	d	⚙	KR	APMX	Insert	Screw	Wrench
MTK025-02-XE19-M12-C	25	68	22	23	2	90	17	XEKT19..	SM4X10	T15
MTK032-02-XE19-M16-C	32	70	23	31	2	90	17	XEKT19..	SM4X10	T15
MTK040-03-XE19-M16-C	40	72	23	32	3	90	17	XEKT19..	SM4X10	T15

(mm)

Indexable End Mills



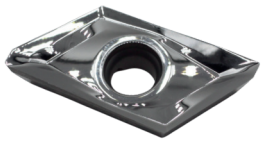
Application

Euroloy Code	DC	L	L1	d	⚙	KR	APMX	Insert	Screw	Wrench
MSK020-01-XE19-150-C	20	150	50	20	1	90	17	XEKT19..	SM4X10	T15
MSK025-02-XE19-150-C	25	150	50	25	2	90	17	XEKT19..	SM4X10	T15
MSK032-02-XE19-150-C	32	150	50	32	2	90	17	XEKT19..	SM4X10	T15
MSK040-03-XE19-150-C	40	150	60	32	3	90	17	XEKT19..	SM4X10	T15

(mm)

XEKT **Insert**

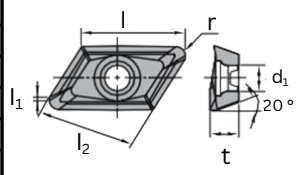
General Cutting for Aluminum Alloys



MA

- High rake angle with sharp cutting edges enables smooth machining, reduced cutting force, polished surface quality and efficient chip evacuation.

XEKT **Insert**

Euroloy Code		Grade	Dimensions (mm)						Geometries
		TN7501	l	l2	l1	t	r	d1	
XEKT	19M504FR-MA	●	18	16.4	1.4	5	0.4	4.4	
	19M508FR-MA	●	18	16.4	1.0	5	0.8	4.4	
	19M512FR-MA	●	18	16.4	0.6	5	1.2	4.4	
	19M516FR-MA	○	17.5	16.4	0.5	5	1.6	4.4	
	19M520FR-MA	●	17.5	16.4	0.5	5	2.0	4.4	
	19M530FR-MA	●	17	16.4	0.7	5	3.0	4.4	
	19M532FR-MA	●	17	16.4	0.5	5	3.2	4.4	
	19M540FR-MA	○	16.5	16.4	0.5	5	4.0	4.4	

● Stock item ○ Non Stock item I Lead Time: 4 weeks

- The concave insert seat design ensures strong and stable clamping.
- Enhanced cutting edge surface allows smooth chip evacuation and reduces chip sticking.
- The insert's high rake angle provides superior surface finish and reduces cutting resistance.
- Optimized specifically for high-speed aluminum machining.
- Ideal for machining inclined surfaces and achieving precise square shoulder milling.

Recommended Cutting Parameters

Workpiece	Grade	Cutting Speed Vc (m/min)	Feed Rate fz (mm)		
			Light Machining	Medium Machining	Heavy Machining
N Aluminium	TN7501	300-1000	0.1-0.2	0.1-0.3	0.2-0.4