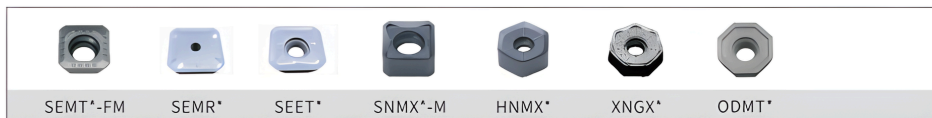




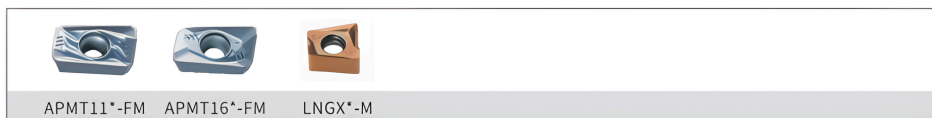
# Edgetec Milling Inserts

Milling inserts are replaceable cutting tips mounted on milling cutters used to shape, cut, and finish materials like steel, aluminum, and cast iron. They are a cost-effective alternative to solid tools because only the worn edge needs replacement, reducing equipment costs and machine downtime.

## ● Face milling tool series



## ● Square shoulder milling tool series



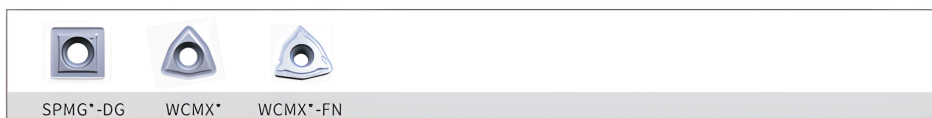
## ● Profile milling tool series



## ● High feed milling tool series



## ● Short hole drilling inserts

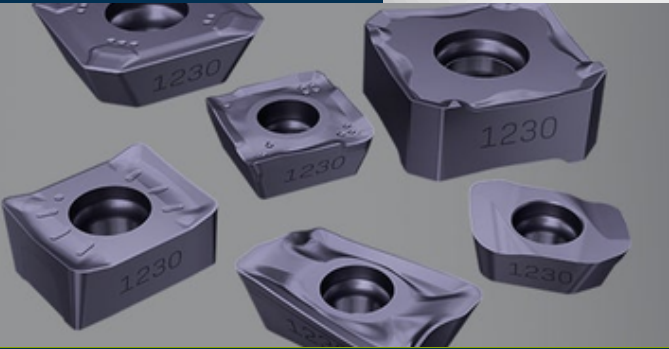
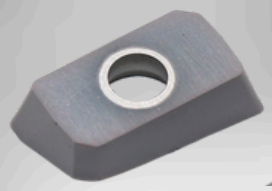


## Types

- Steel
- Stainless steel
- Cast iron
- Non ferrous metal
- Heat resistant super alloys Titanium alloy

## Common Milling Operations

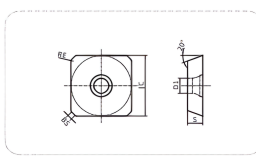
- **Face Milling:** Used for creating flat surfaces on a workpiece. These tools often have large diameters and use multiple inserts to remove material with axially thin and radially deep cuts.
- **Shoulder Milling:** Ideal for machining square 90-degree shoulders or steps.
- **High Feed Milling:** Specifically engineered for high-speed roughing. These use shallow depths of cut and high feed rates to remove material quickly and efficiently.
- **Profile Milling:** Used for 3D curved surfaces, contouring, and engraving. Round or ball-nose inserts are typically used for these complex shapes.
- **Slotting & Grooving:** Specialized inserts like side milling inserts are used to cut narrow channels or slots.



**EDGETEC**  
WE TURN YOUR IDEAS INTO REALITY

# Edgetec Milling Inserts

## Face milling inserts

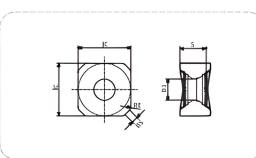


Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)			CVD								PVD										
		IC	S	DI	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	SEMT1204AFTN-FM	12.7	5.5	5.5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SEMT13T3AGTN-FM	13.4	3.27	4.1	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SEMR1203AFTN	12.62	3.34	2.5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SEET13T3-GM	13.4	4.1	4.1	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade

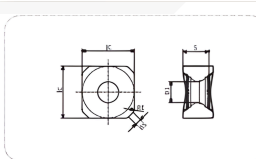


Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)				CVD								PVD										
		IC	S	DI	RE	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	SNMX1205ANN-M	12.7	6	6	0.8	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SNMX120512-M	12.7	6	6	1.2	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SNGX1205ZNN-M	12.7	6	6	0.8	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade



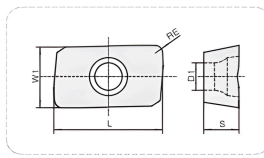
Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)				CVD								PVD										
		IC	S	DI	RE	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	SNMX1205ANN-M	12.7	6	6	0.8	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SNMX120512-M	12.7	6	6	1.2	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	SNGX1205ZNN-M	12.7	6	6	0.8	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade

## Square shoulder milling



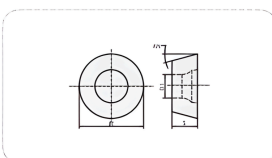
Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)						CVD								PVD										
		L	W1	S	DI	RE	APMX	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	APMT1135PDER-FM	11.3	6.25	3.5	2.8	0.8	9.5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	APMT1604PDER-FM	17.25	9.22	4.76	4.4	0.8	14.5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	APMT1605PDER-FM	17.42	9.33	5.22	4.5	0.8	14.5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade

## Profile milling



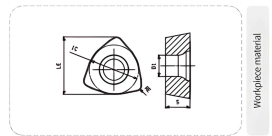
Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)					CVD								PVD										
		IC	S	DI	AN	APMX	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	RDW0802MO-FM	8	2.38	3.4	15°	4	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	RDMW1003MO-FM	10	3.18	4.4	15°	5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	RDMW10T3MO-FM	10	3.97	4.4	15°	5	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	RDMW1204MO-FM	12	4.76	4.4	15°	6	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	RDMW12T3MO-FM	12	3.97	4.4	15°	6	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	RDMW1605MO-FM	16	5.56	5.5	15°	8	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade

## Millings with high feed



Working condition: ● Stable ● Average ■ Tough

Workpiece material	P	M	K	N	S
Steel	●	●	●	●	●
Stainless steel	●	●	●	●	●
Cast iron	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●
Heat resistant super alloys Titanium alloy	●	●	●	●	●

Insert shape	Type	Dimension (mm)						CVD								PVD									
		IC	S	DI	RE	APMX	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	H56130	H55115	H55210	H55120	H55220	H55130	H55131	H55231	H5530	
	WDMT080520ZTR-GM	12.9	5.5	5	2	0.7	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
	WIPMT080615ZSR	12.8	6.3	5.5	1.5	0.7	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★

★ Recommended grade ☆ Available grade