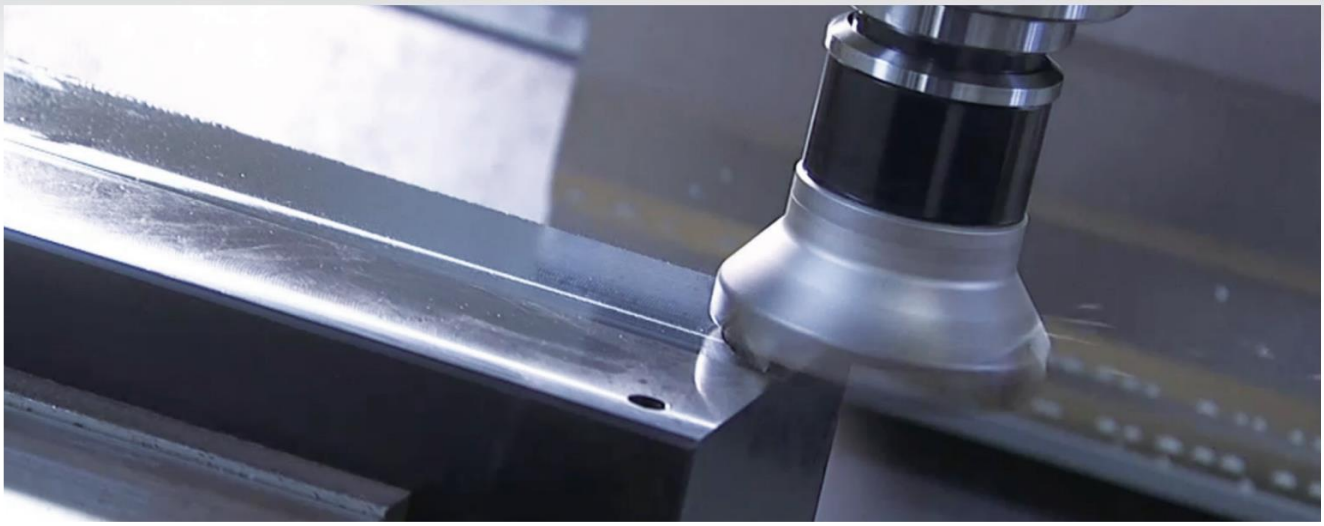
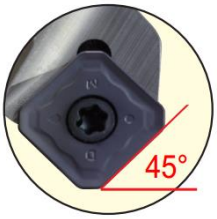
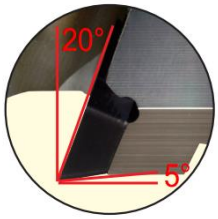


- Low cutting resistance because of the design of high rake and double positive angle.

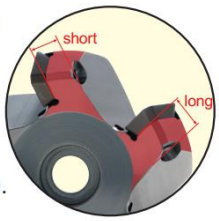


- Good sharpness because of the design of AR+20°, R.R.+5° for insert tip.

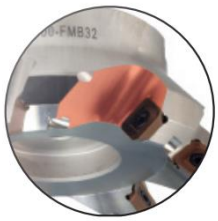


- After heat treatment, the connection between insert and insert seat is more closely-contacted, having high hardness, good toughness with good effect of vibration resistance and superior precision.

- Smooth cutting, low noises and reduced wear rate of inserts are provided because of the design of differential pitch.



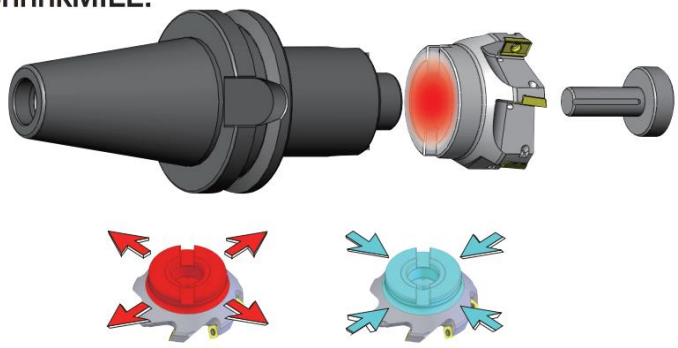
- Suitable for big table feed cutting because of the design of larger metal removal space.



- The design of coolant holes extends the use life of inserts and is good for metal chips removal and heat dissipation.

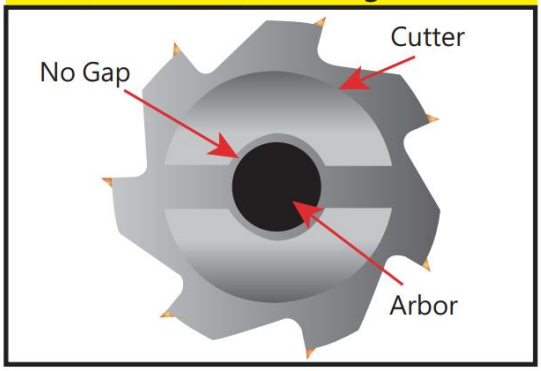
- Different designs of the teeth have different specialities and functions, which help customers with different manufacturing solutions.
- It's made of high alloy factor Cr. After special treatment, the body is not easy to get rusty and has good durability.

ShrinkMILL:



ShrinkFIT technology

Shrink Fit Face Milling Cutter

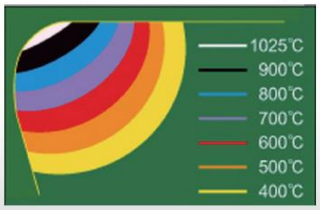


More rigid, powerful and accurate connection between cutter and arbor!

Comparison Chart of Color Temperature

Cutter with coolant holes design:

Cutter without coolant holes design:



What superiorities are there to use cutter with coolant holes? Please refer to the left charts.

- Extending the use life of inserts by 40%.
- Reducing the cost of cutters.
- Improving the productivity.
- Decreasing the surface roughness.

Good cooling fluid can reduce the heat of insert tips.

INSERTS
FOR SFMC45° , SSFM45° TYPE

Machining Materials	GRADE			
	PL30	RM4025	RM2140	RM4025
P	△			△
M			△	
K	△			
N		△		
S				
H				

TYPE	GRADE				DIMENSION			
	PL30	RM4025	RM2140	RM4025	d	i	s	r
SEKT12T3AGSN	V				13.4	-	3.97	-
SEET13T3AGFN - F01		V			13.4	-	3.97	0.4
SEMT13T3AGEN - M02			V	V	13.4	-	3.97	1.5

Cutting Conditions

Machining Materials		Grade	Vc(m/min)	fz(mm/rev)	Ap(mm)
P	Low-Alloy Steels	RM4025	220 ~ 260	0.20 ~ 0.45	-
	Alloyed Steels	PL30	90 ~ 230	0.15 ~ 0.45	0.5 ~ 7.0
		RM4025	220 ~ 260	0.20 ~ 0.45	-
M	Stainless Steels	RM2140	130 ~ 250	0.20 ~ 0.35	-
K	Cast Iron	PL30	120 ~ 250	0.15 ~ 0.50	0.5 ~ 7.0
N	Aluminum & Al	RM5005	500 ~ 850	0.15 ~ 0.35	3.6 ~ 6.0

Product information:

- Spindle Revolution = (1000 ×cutting speed) ÷ (3.14 × the external dia. of cutting tool)
- Table feed(mm/min) = table feed of each tooth × total teeth of cutting tool × spindle revolution