
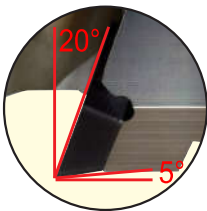

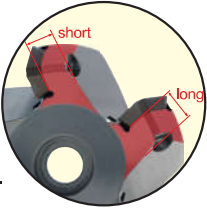


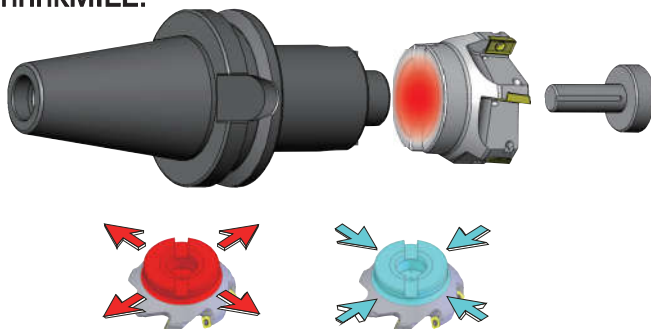


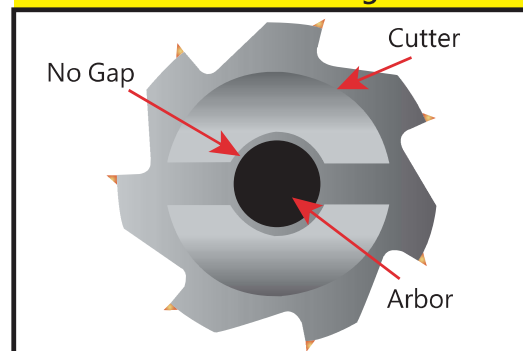
- Low cutting resistance because of the design of high rake and double positive angle. 
 - Good sharpness because of the design of AR+20°, R.R.+5° for insert tip. 
 - After heat treatment, the connection between insert and insert seat is more closely-contacted, having high hardness, good toughness with 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



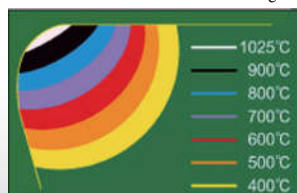
More rigid, powerful and accurate connection between cutter and arbor!

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 KFMC 45°, SKFM45° TYPE

Machining Materials	GRADE							
	PL30	OM4025	GH1	RM4230				
P	△	△						
M		△		△				
K	△	△						
N			△					
S								
H								
TYPE	GRADE				DIMENSION			
	PL30	OM4025	GH1	RM4230	d	i	s	r
SEKT1204AFTN	V				12.7	12.7	4.76	-
SEHT1204AFFN - M01		V			12.7	-	4.76	-
SEHT1204AFFN			V		12.7	-	4.76	-
SEHT1204AFFN - M02				V	12.7	-	4.76	-

Cutting Conditions

Machining Materials	Grade	Vc(m/min)	fz(mm/rev)	Ap(mm)	
P	Low-Alloy Steels	OM4025	220 ~ 260	0.20 ~ 0.45	1.0 ~ 3.0
	Alloyed Steels	PL30	90 ~ 230	0.15 ~ 0.45	0.5 ~ 7.0
		OM4025	100 ~ 195	0.20 ~ 0.35	1.0 ~ 3.0
M	Stainless Steels	OM4025	140 ~ 180	0.10 ~ 0.30	1.0 ~ 2.0
		RM4230	140 ~ 180	0.10 ~ 0.30	1.0 ~ 2.0
	Precipitation-Hardening	OM4025	70 ~ 85	0.15 ~ 0.35	1.0 ~ 3.0
K	Cast Iron	PL30	120 ~ 250	0.15 ~ 0.50	0.5 ~ 7.0
		OM4025	180 ~ 300	0.15 ~ 0.35	1.0 ~ 3.0
N	Aluminum & Al	GH1	275 ~ 450	0.15 ~ 0.35	3.0 ~ 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