

# ISO Milling Insert

## S PK & TPK Type

### Features

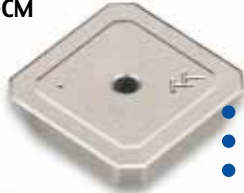
- Strong cutting edge geometry provides longer tool life and increased toughness
- Insert geometry excellent for interrupted cuts.



- SPK 42 EDTR-EM, -CM
- SPK 53 EDTR-EM, -CM



- TPK 43 PDTR-EM, -CM



- SEK 42 AFTN-EM
- SEK 43 AFTN-EM
- SEK 53 AFTN-EM



Designation	Coated	
	TT8020	TT7030
<b>NEW</b> SEK 42 AFTN-EM	○	○
<b>NEW</b> SEK 43 AFTN-EM	○	○
<b>NEW</b> SEK 53 AFTN-EM	○	○
SPK 43 EDTR-EM	○	○
SPK 53 EDTR-EM	○	○
TPK 43 PDTR-EM	○	○
SPK 42 EDTR-CM		○
SPK 53 EDTR-CM		○
TPK 43 PDTR-CM		○

## S PKR & TPKR Type

### Features

- Special rake face geometry provides longer tool life due to less heat transfer reducing insert thermal shock
- Great for stainless steels, high temperature alloys and alloy steels.



- SEKR 42 AFTN-EM
- SEKR 43 AFTN-EM

- SPKR 42 EDR-EM
- SPKR 53 EDTR-EM

- TPKR 43 PDR-EM



- TPKR 32 PPR-EM

Designation	Coated	
	TT8020	TT7030
<b>NEW</b> SEKR 42 AFTN-EM	○	○
<b>NEW</b> SEKR 43 AFTN-EM	○	○
<b>NEW</b> TPKR 32 PPR-EM	○	○
SPKR 42 EDR-EM	○	○
SPKR 53 EDTR-EM	○	○
TPKR 43 PDR-EM	○	○

# ISO Milling Insert

## New Cermet **CT520 & CT3000**

### Features

- New cermet grade for general milling from roughing to finishing applications.
- Ultra-fine grain cermet with uniform and consistent microstructure provides excellent wear resistance and mechanical shock resistance together with best surface roughness.
- CT3000 grade provide excellent surface finish on high speed finish milling applications



Grade	HrA	Grain size	Workpiece materials
CT520	92.5	micro	<ul style="list-style-type: none"> <li>• Steels</li> <li>• Cast Iron</li> <li>• Stainless steel</li> </ul>
CT3000	93.0		

Designation	Grade	
	CT520	CT3000
SEK 42 AFTN	○	○
SEK 53 AFTN	○	○
SPK 42 EDTR	○	○
SPK 53 EDTR	○	○
TPK 43 PDTR	○	○
SDK 42 MT	○	○
SDK 53 MT	○	○



## New Tiger-HP **TT7070**



### Features

- Tiger-HP inserts have a unique geometry to cover all applications from roughing, semi-finishing to finishing.
- Tiger-HP inserts provide longer tool life than most of the ground uncoated or coated ISO milling inserts due to new PVD coating on a unique substrate.
- Tiger-HP inserts produce an excellent surface finish with their specially designed wiper, and have longer tool life with the strong cutting edges.

Grade	ISO	HrA	Coating	Application
TT7070	P20-P40	92.0	PVD TiAlN	<ul style="list-style-type: none"> <li>• Dry Milling</li> <li>• High Wear Resistance</li> </ul>

Designation	Grade
	TT7070
SPK 42 EDTR-HP	○
SPK 53 EDTR-HP	○
TPK 43 PDTR-HP	○
SDK 42 MT-HP	○
SDK 53 MT-HP	○
SEK 42 AFTN-HP	○
SEK 53 AFTN-HP	○