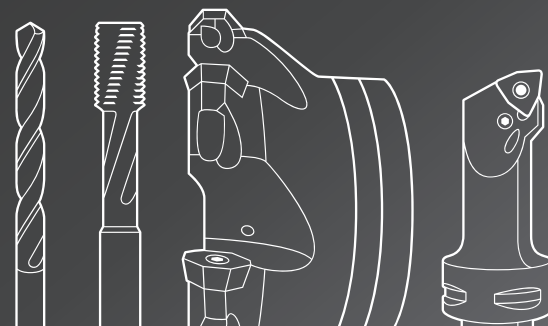


4_Focus Products

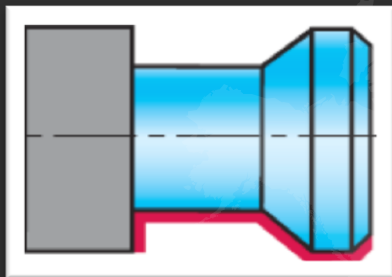
Geometrie MP4 – MM4 – MK4

Powered by
Tiger-tec[®] Silver

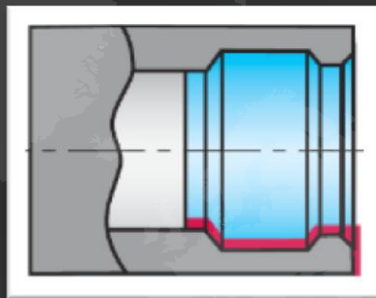


Tiger-tec® Silver – Geometrie MP4, MM4, MK4 caratteristiche

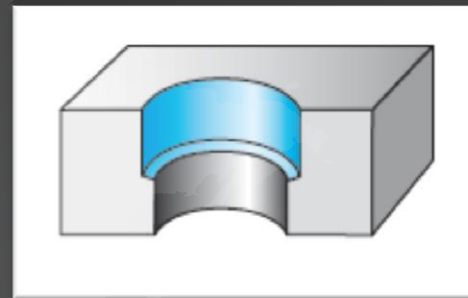
Applicazione positiva Geometria media:



- Tornitura a copiare
- Pezzi da lavorare instabili
- Piccoli diametri



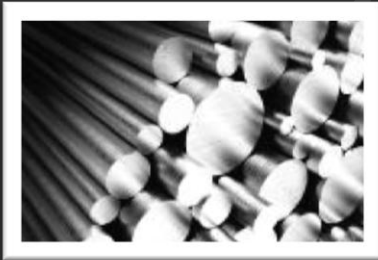
- Lavorazione interna <25mm
- Lunghe sporgenze



- alesatori i.e. punte speciali per turbochargers.
- Punte a gradino

Tiger-tec® Silver – Geometrie MP4, MM4, MK4 caratteristiche

Applicazione positiva Geometria media:



- barre
- Macchine svizzere
- Cross Selling Parting off tools



- Macchine plurimandrino
- Elevati volumi



- Applicazioni speciali
es. Tornitura esagonale

Tiger-tec® Silver – Geometrie MP4, MM4, MK4 caratteristiche

Applicazione positiva Geometria media :

P

M

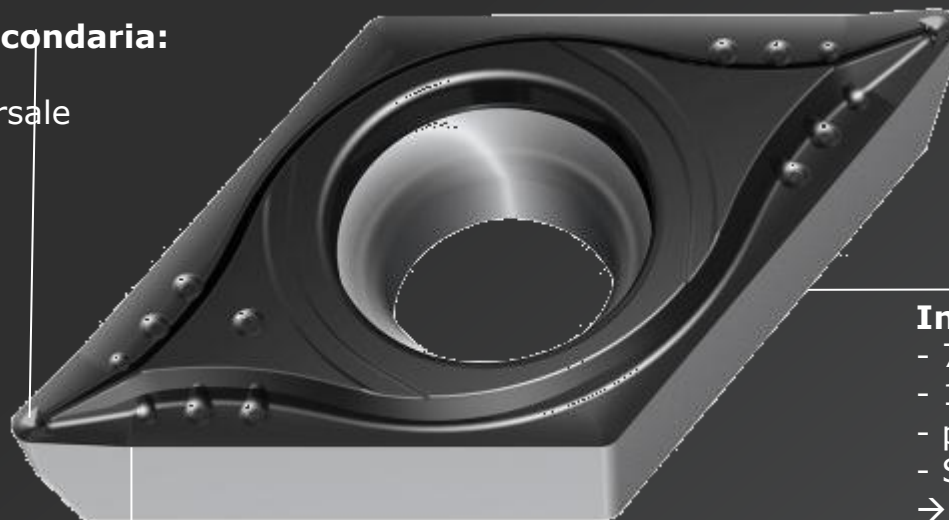
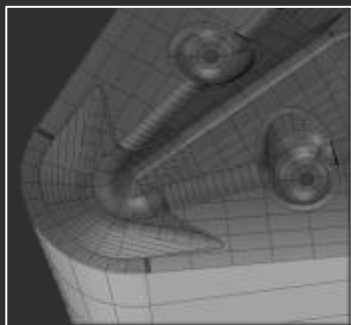
K

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

Evacuazione truciolo secondaria:

- Taglio dolce
- Controllo truciolo universale



Gradi:

WPP10S, WPP20S
WMP20S
WKK10S, WKK20S

Inserti tipo:

- 7° clearance angle
- 11° clearance angle
- piani
- Sinterizzato
- Vasto assortimento

D, V forma base curva del tagliente principale

- ridotte forze di taglio

C, S, T, W forma base dritta del tagliente

- Nessuna deviazione del profilo in lavorazioni di alesatura

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

Evacuazione truciolo secondaria



**Tagliente principale angolo di
spoglia 7°**

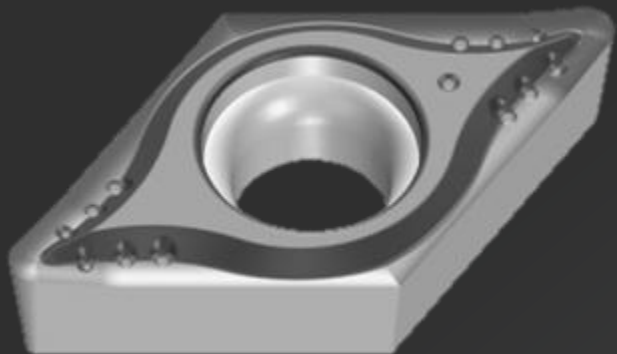
Scanalatura truciolo primaria 12°

**Scanalatura truciolo secondaria
18°**

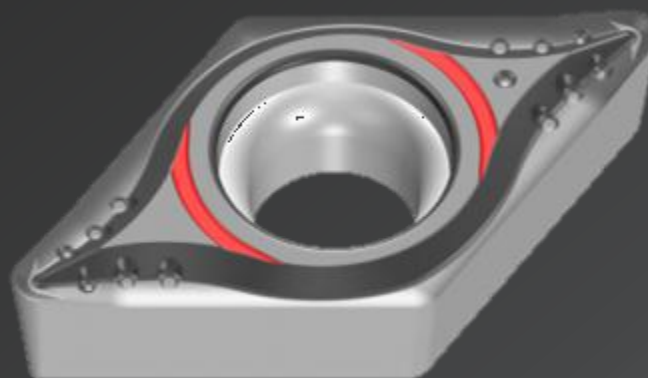
Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

Superficie piana
i.e. DP**G**T11T304-MP4 WPP20S



Superficie sinterizzata
i.e. DP**M**T11T304-MP4 WPP20S

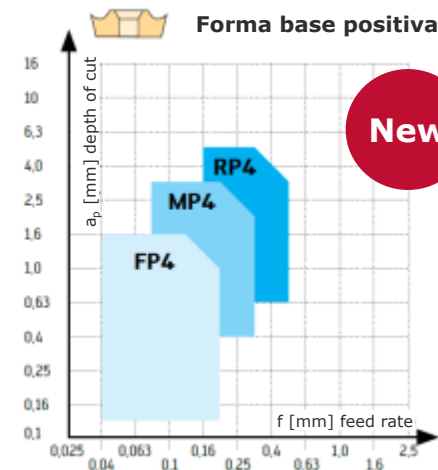
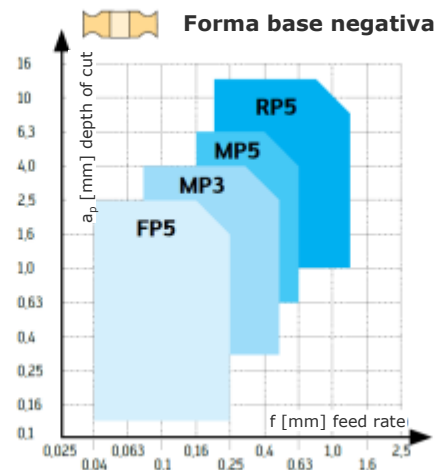
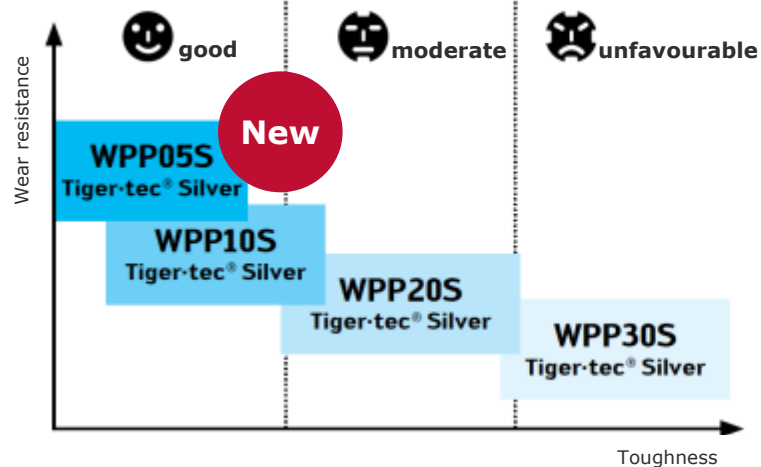


- „Anello“ come identificatore della caratteristica
- Scanalatura truciolo secondaria

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

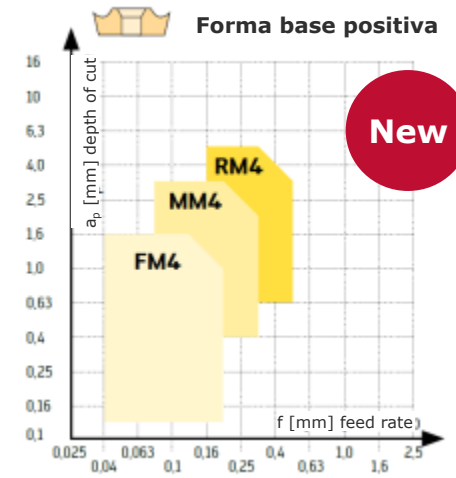
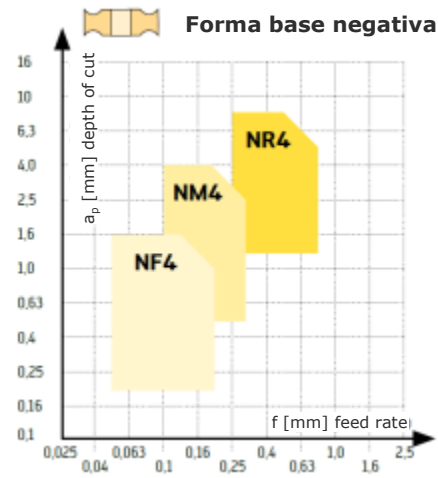
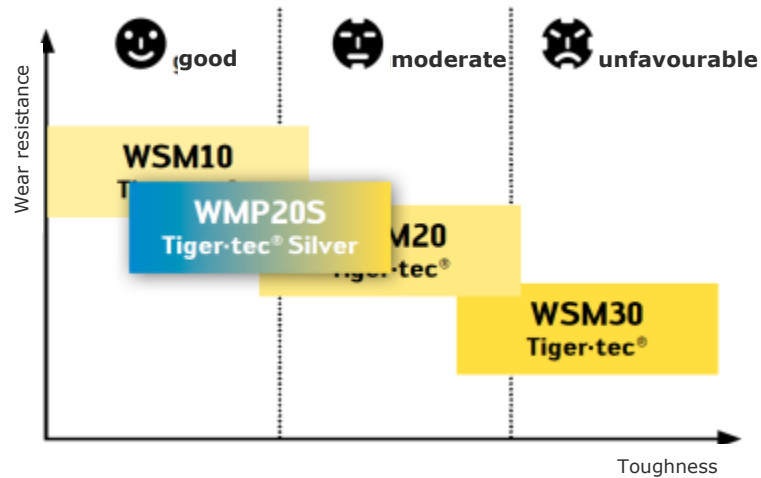
Gradi e Geometrie – ISO P



Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

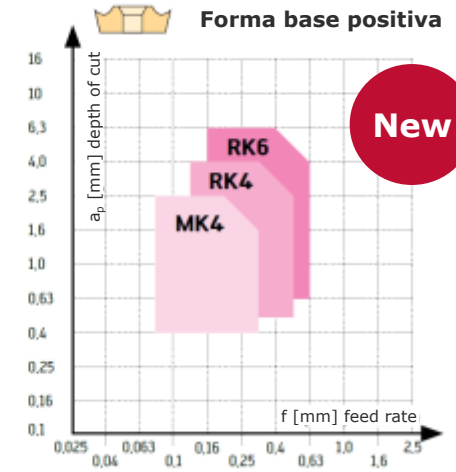
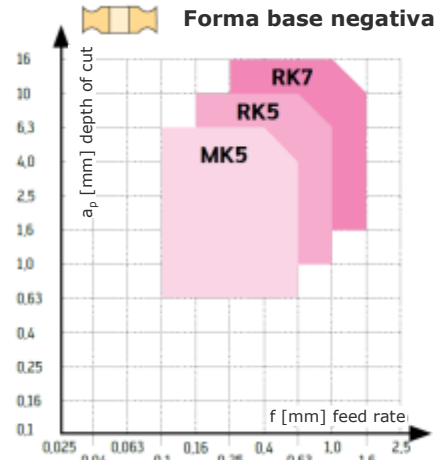
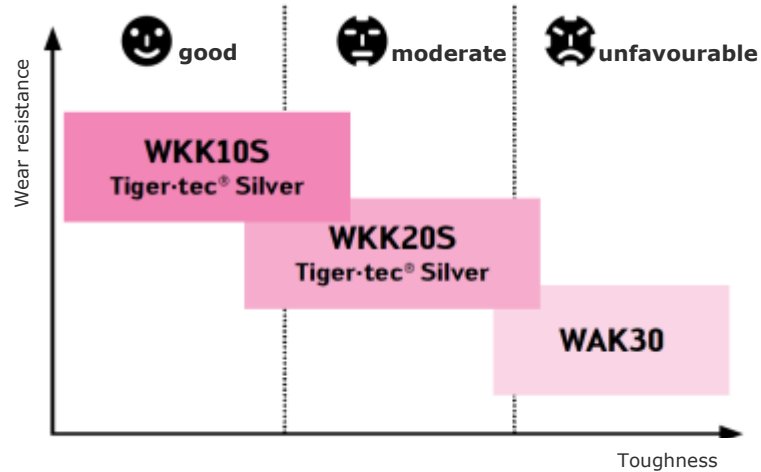
Gradi e Geometrie– ISO M



Tiger-tec® Silver – Geometrie MP4, MM4, MK4

1. Descrizione prodotto

Gradi e Geometrie – ISO K



Tiger-tec® Silver – Geometrie MP4, MM4, MK4

2. Programma prodotti

Angolo	Tipo	Forma base	MP4	MM4	MK4
7° (5°)	Sintered CCMT..., ...	C, D, S, T, V, W	WPP10S WPP20S	WMP20S	WKK10S WKK20S
	Ground CCGT..., ...	C, D, S, T	WPP10S WPP20S	-	WKK10S WKK20S
11°	Sintered CPMT..., ...	C, D, S, T	i-PAC15-1	-	i-PAC15-1
	Ground CPGT..., ...	C, D, S, T	WPP10S WPP20S	-	WKK20S

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

2. Programma prodotti

Attenzione MK4 periferico da 7° e 11° non è inserito nel flyer i-PAC 14-2.

Wendeschneidplatten										
Bezeichnung	r mm	f mm	ap mm	P			M			K
				HC			HC			HC
				WPP10S	WPP20S	WPP30S	WMP20S	WSM10	WSM20	WSM30
CCGT060204-MK4	0,4	0,08 - 0,20	0,4 - 2,0							
CCGT060208-MK4										
CCGT09T304-MK4										
CCGT09T308-MK4										
CCGT120408-MK4										
CPGT050204-MK4										
CPGT060204-MK4										
CPGT060208-MK4										
CPGT09T304-MK4										
CPGT09T308-MK4										
SCGT09T304-MK4	0,4	0,08 - 0,25	0,4 - 3,0						X	
SCGT09T308-MK4										
SCGT120408-MK4										
SPGT09T304-MK4										
SPGT09T308-MK4										
TCGT090204-MK4	0,4	0,08 - 0,20	0,4 - 2,0							
TCGT110204-MK4	0,4	0,08 - 0,20	0,4 - 2,0							
TCGT110208-MK4	0,8	0,12 - 0,30	0,5 - 2,0							X
TCGT16T304-MK4	0,4	0,08 - 0,25	0,4 - 3,0							X
TCGT16T308-MK4	0,8	0,12 - 0,32	0,5 - 3,0							X
TPGT090204-MK4	0,4	0,08 - 0,20	0,4 - 2,0							X
TPGT110204-MK4	0,4	0,08 - 0,20	0,4 - 2,0							X
TPGT110208-MK4	0,8	0,12 - 0,30	0,5 - 2,0							X
TPGT16T304-MK4	0,4	0,08 - 0,25	0,4 - 3,0							X
TPGT16T308-MK4	0,8	0,12 - 0,32	0,5 - 3,0							X

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

3. Area applicazione

P

MP4

Materiali a truciolo lungo es.
St37

Tornitura a copiare

„1a scelta“

M

MM4

Problemi di truciolo

Tornitura a copiare

Tagliente inferiore

„1a scelta“

K

MK4

„2a scelta “ (per ghisa RK4 è
la 1a scelta)

Pezzi da lavorare instabili,
vibrazioni

Finitura

Tipica area di applicazione:

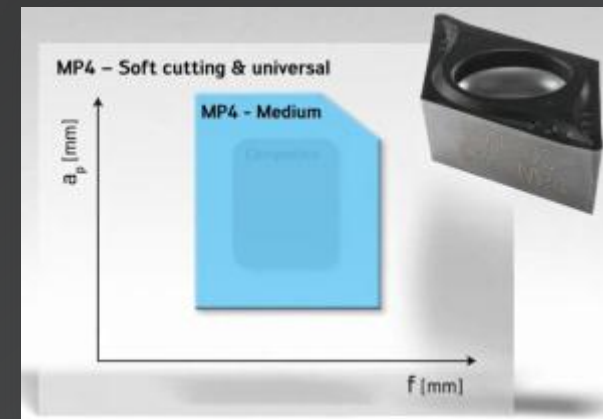
ap: 0,7 - 3,0mm

f: 0,12 - 0,30mm

Tiger-tec® Silver – Geometrie MP4, MM4, MK4

4. Vantaggi e benefici per il cliente

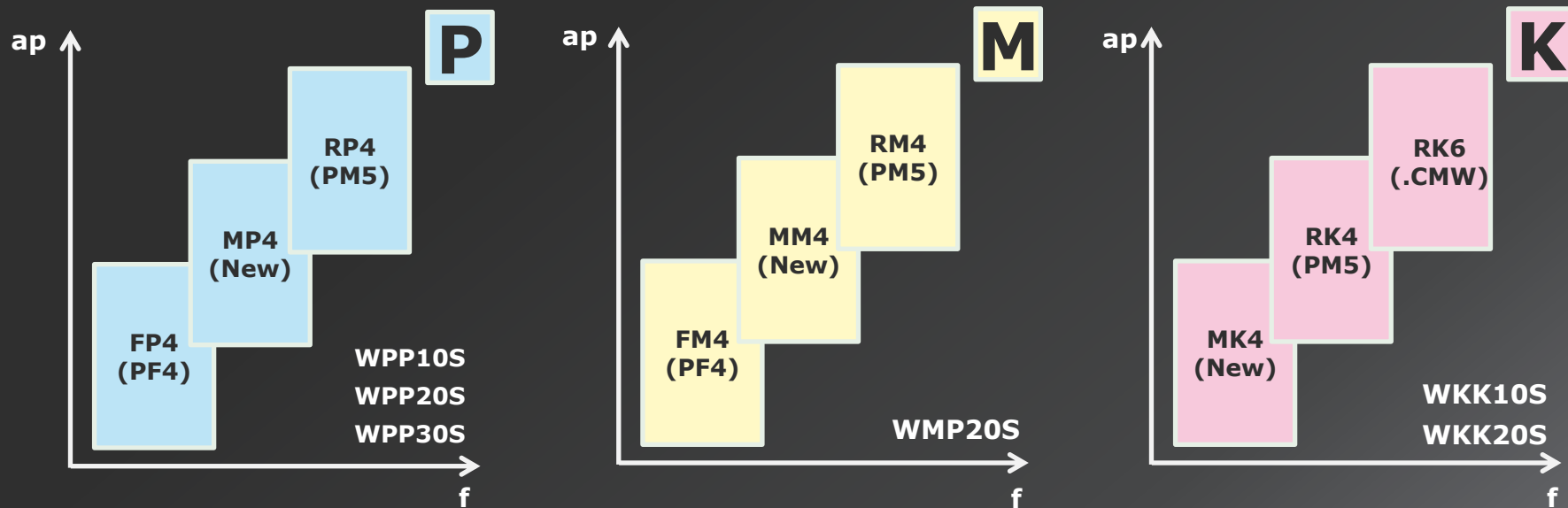
- **Ridotti fermi macchina grazie al buon controllo del truciolo durante la lavorazione:**
 - Materiali a truciolo lungo
 - Tornitura a copiare
 - piccolo a_p (0,5 – 2,0mm)
- **Riduzione degli scarti grazie all'informazione aggiuntiva marcata a laser sull'inserto ad es. Raggio al vertice.**
- **Incremento delle performance fino al 75 % - Tiger-tec® Silver**



Tiger-tec® Silver – Geometrie MP4, MM4, MK4

5. info di vendita aggiuntive

Nuova denominazione geometria (vecchia)





Engineering Kompetenz

Per ulteriori informazioni contattare
il Funzionario Tecnico-Commerciale
di zona.

**i-PAC
14-2**

