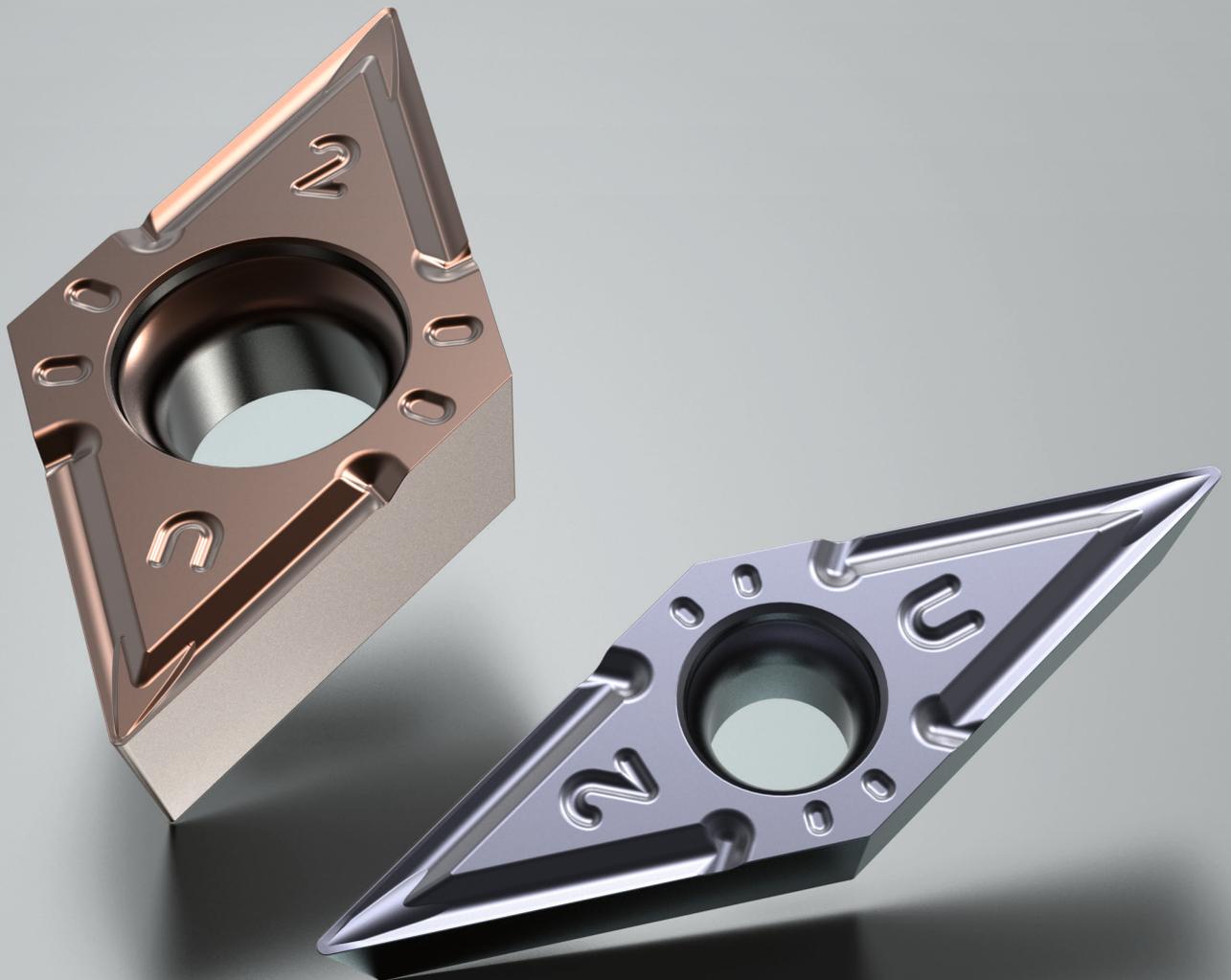


multidec[®]-ISO

FN-PF05 INSERTS

*FURTHER DEVELOPMENT OF CHIP BREAKER,
CARBIDE SUBSTRATE AND COATING FOR
ULTIMATE PRODUCTIVITY AND PROCESS SECURITY.*



INNOVATION

New chip breaker for materials with difficult chip breaking behaviour

The versatility of the materials which are machined in a modern production facility requires suitable chip breakers and also a wider variety of cutting edge types, carbide grades and coatings. The further development of the chip breaker, carbide and coating make this insert a troubleshooter when it comes to processing steel, stainless steel and superalloys.

Tolerance class		Cutting edge Design					
G		F					
Ground circumference		Sharp cutting edge					
Type and chip breaker			Corner radius	Machining method			
CC.. (80°)	DC.. (55°)	VC.. (35°)	R (mm)		▼▼▼	▼▼	▼
	DCGT... FN-PF05	VCGT... FN-PF05	0.05		●	●	-
			0.1		●	●	-
			0.15		○	○	-
			0.2		●	○	-
			0.4	●	○	-	
Micro finishing Finishing Very wear-resistant and temperature-resistant micrograin. Very good chip control when micro finishing and finishing materials with difficult chip control. With TX+ coating also suitable for hard cutting.							

Recommended usage

- Preferred application
- Possible application
- Application not recommended

Availability

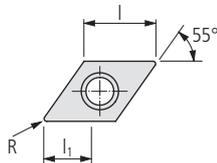
- Standard articles

Categorization of materials

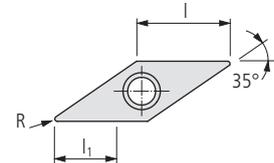
Steel (non-alloyed, low alloyed and high alloyed)
Stainless steel
Titanium and Ti-alloys
Non-ferrous metals (gold, aluminum and brass)
Hard materials



DCGT ... FN -PF05



VCGT ... FN -PF05



	Order designation	Carbide			Dimensions		
		UHM 10	UHM 10 HX	UHM 10 TX+	I	R	l ₁
N	DCGT 0702005 FN -PF05	■	■	●	7.75	0.05	3
	DCGT 070201 FN -PF05	■	■	●	7.75	0.1	3
	DCGT 0702015 FN -PF05	■	■	●	7.75	0.15	3
	DCGT 070202 FN -PF05	■	■	●	7.75	0.2	3
	DCGT 11T3005 FN -PF05	■	■	●	11.6	0.05	6
	DCGT 11T301 FN -PF05	■	■	●	11.6	0.1	6
	DCGT 11T3015 FN -PF05	■	■	●	11.6	0.15	6
	DCGT 11T302 FN -PF05	■	■	●	11.6	0.2	6
	DCGT 11T304 FN -PF05	■	■	●	11.6	0.4	6

	Order designation	Carbide			Dimensions		
		UHM 10	UHM 10 HX	UHM 10 TX+	I	R	l ₁
N	VCGT 1103005 FN -PF05	■	■	●	11.1	0.05	5
	VCGT 110301 FN -PF05	■	■	●	11.1	0.1	5
	VCGT 1103015 FN -PF05	■	■	●	11.1	0.15	5
	VCGT 110302 FN -PF05	■	■	●	11.1	0.2	5
	VCGT 110304 FN -PF05	■	■	●	11.1	0.4	5



Article 300362

More info in the general catalog 2022/23

- Technical information 9-29
- Application range 241/296
- Cutting specification 334-335
- Holder multidec®-ISO Typ DC 263-282
- Holder multidec®-ISO Typ VC 315-332

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