

06/2023
NPI

PPU JPS125

Turning inserts for precision boring
on difficult-to-cut materials

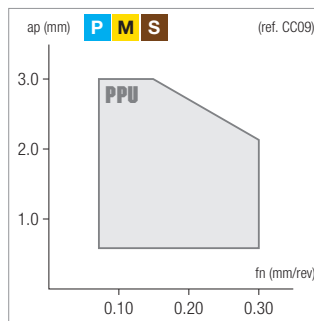


nikkoTOOLS

<h1>PPU</h1>	HC: Coated carbide HT: Cermet HF: Micrograin carbide CVD: Chemical vapour deposition PVD: Physical vapour deposition	HF PVD	
	<h2>Turning Carbide</h2>	JP5125	
<ul style="list-style-type: none"> Very robust geometry with low cutting force, reliable and doesn't deform the part, reduces vibration in boring application Heat resistant grade specific for stainless steel and super alloys provides long-lasting reliability Optimized coupling of the geometry and the grade overtakes multiple challenges, such as precision interrupted boring of thin walls Universal solution, fits from difficult application to conventional machining 	Stable machining, light cut <input type="radio"/> 1 st choice <input type="radio"/> suitable	<input type="radio"/>	
	General machining, medium cut <input type="radio"/> 1 st choice <input type="radio"/> suitable	<input checked="" type="radio"/>	
	Unstable machining, heavy cut <input type="radio"/> 1 st choice <input type="radio"/> suitable	<input type="radio"/>	
	Dimensions	ISO	Vc(m/min) - suggested cutting speed range (bold: 1st choice)
	P 70 180 M 50 140 K 60 180 N S 20 70 H	(Color-coded speed ranges: Blue, Yellow, Orange, Green, Brown)	

Designation		RE	IC	S	D1	LE	Stock	
UNIVERSAL <p>precision ground universal and interrupted cut</p>	CCGT060202-PPU	0.2	6.35	2.38	2.8	6.2	▲	
	CCGT060204-PPU	0.4	6.35	2.38	2.8	6	▲	
	CCGT09T302-PPU	0.2	9.525	3.97	4.4	9.5	▲	
	CCGT09T304-PPU	0.4	9.525	3.97	4.4	9.3	▲	
	CCGT09T308-PPU	0.8	9.525	3.97	4.4	8.9	▲	
UNIVERSAL <p>precision ground universal and interrupted cut</p>	DCGT070202-PPU	0.2	6.35	2.38	2.8	7.6	▲	
	DCGT070204-PPU	0.4	6.35	2.38	2.8	7.4	▲	
	DCGT11T302-PPU	0.2	9.525	3.97	4.4	11.4	▲	
	DCGT11T304-PPU	0.4	9.525	3.97	4.4	11.2	▲	
	DCGT11T308-PPU	0.8	9.525	3.97	4.4	10.8	▲	
UNIVERSAL <p>precision ground universal and interrupted cut</p>	VCGT110302-PPU	0.2	6.35	3.18	2.8	10.9	▲	
	VCGT110304-PPU	0.4	6.35	3.18	2.8	10.7	▲	
	VCGT160402-PPU	0.2	9.525	4.76	4.4	16.4	▲	
	VCGT160404-PPU	0.4	9.525	4.76	4.4	16.2	▲	
	VCGT160408-PPU	0.8	9.525	4.76	4.4	15.8	▲	

● stock standard, ○ non-standard stock, ▲ upcoming introduction, ▽ stock exhaustion



DESIGNATION	Depth of cut			Feed rate		
	a _p (mm)			f _n (mm/rev)		
	min	start	max	min	start	max
CCGT060202-PPU	0.50	1.50	2.50	0.05	0.10	0.15
CCGT060204-PPU	0.50	1.50	2.50	0.05	0.10	0.15
CCGT09T302-PPU	0.60	1.80	3.00	0.06	0.13	0.20
CCGT09T304-PPU	0.60	1.80	3.00	0.07	0.16	0.25
CCGT09T308-PPU	0.60	1.80	3.00	0.08	0.19	0.30
DCGT11T302-PPU	0.60	1.80	3.00	0.06	0.13	0.20
DCGT11T304-PPU	0.60	1.80	3.00	0.07	0.16	0.25
DCGT11T308-PPU	0.60	1.80	3.00	0.08	0.19	0.30
VCGT110302-PPU	0.50	1.50	2.50	0.05	0.10	0.15
VCGT110304-PPU	0.50	1.50	2.50	0.06	0.13	0.20
VCGT160402-PPU	0.60	1.80	3.00	0.06	0.13	0.20
VCGT160404-PPU	0.60	1.80	3.00	0.07	0.16	0.25
VCGT160408-PPU	0.60	1.80	3.00	0.08	0.19	0.30



Via Don F. Tosatto, 8
30174 Mestre - Venezia
+39 041.959179
info@nikkotools.com

