

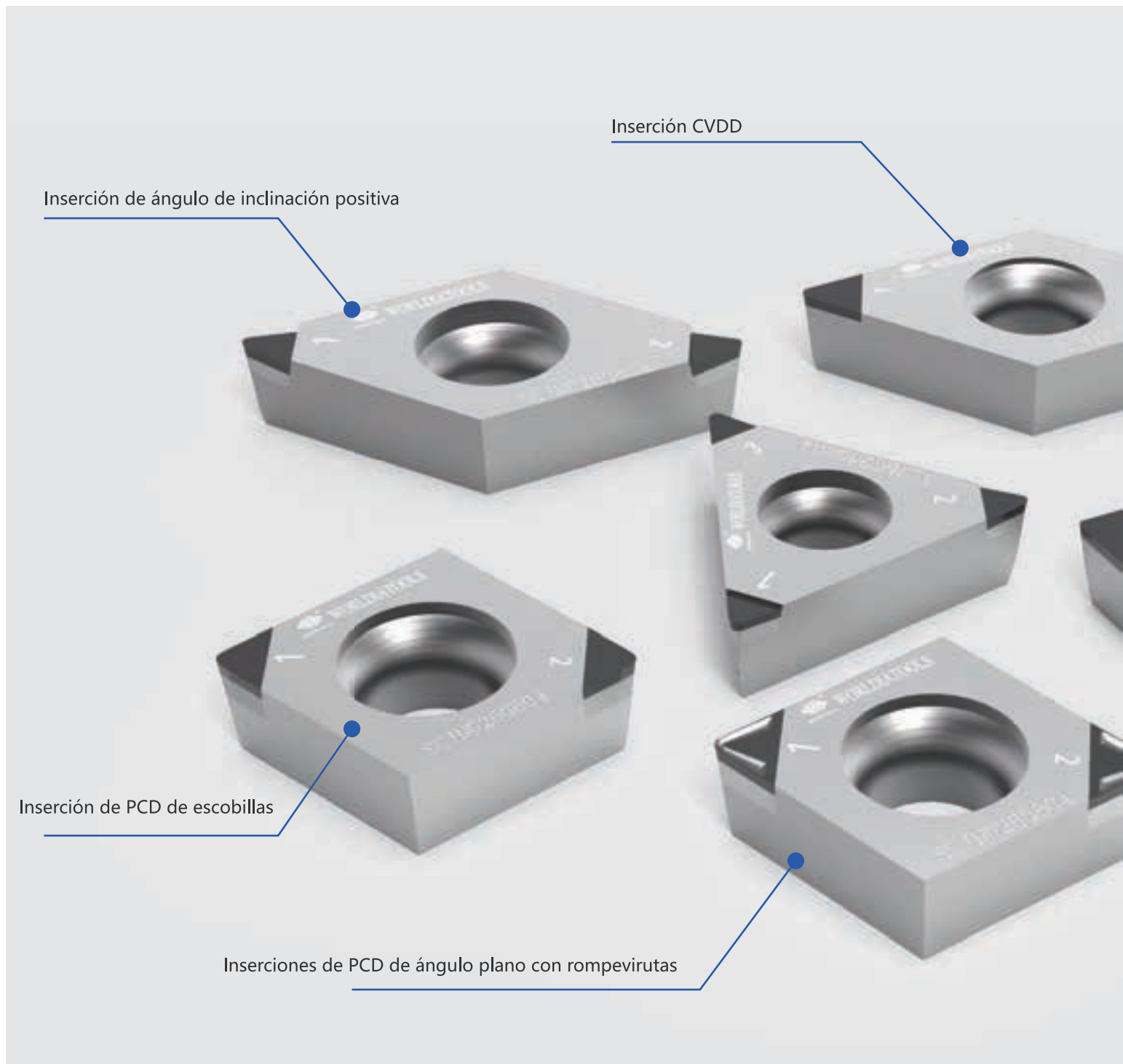


07-T15-WBV10 ES



Inserciones PCD/CVDD

北京沃尔德金刚石工具股份有限公司
BEIJING WORLDIA DIAMOND TOOLS CO.,LTD.



Aplicaciones principales:

Inserción de PCD de ángulo plano: adecuado para una amplia gama de aplicaciones de torneado externo, final e interno;

Inserción de ángulo de inclinación positiva: diseño de borde afilado ideal para los requisitos de alta dureza de torneado externo, final e interno;

Inserción de borde completo: corte de biselados, superficies planas y partes abultadas;

Inserción de PCD de escobilla: para mecanizar una superficie con alta dureza y eficiencia;

Inserción CVDD: para mecanizado de alta resistencia a la abrasión y alta eficiencia;

Inserción de PCD con rompevirutas: adecuado para requisitos de alto acabado de superficie, protege a los trabajadores contra rasguños de virutas y evita que las virutas interfieran con el monitoreo en línea de la línea de producción automática y la sujeción mecánica del brazo. Protege la herramienta de corte de daños anormales por virutas. Facilita la eliminación de virutas durante el taladrado sin dañar las herramientas de corte, el soporte y la pieza de trabajo.

CONTENIDO

Introducción al material de PCD/CVDD	03
Inserción PCD con rompevirutas/ Inserción de escobilla PCD	04
Regla de codificación de las inserciones de PCD ...	05
Especificaciones de la inserción de PCD/CVDD con rompevirutas	07
Especificaciones de la inserción de escobillas PCD/CVDD	13
Especificaciones de la inserción PCD/CVDD estándar	15
Datos técnicos	33

Inserción PCD de cara completa

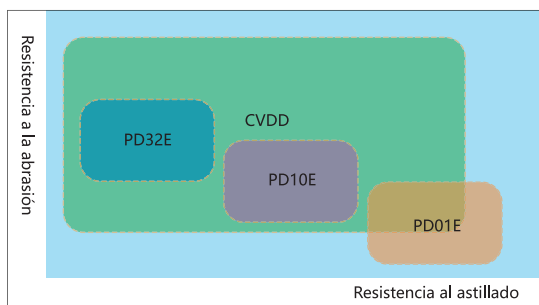
Características del material de PCD/CVDD

Según el tamaño de grano y las características del diamante, cuatro tipos de material, es decir PD01E\PD10E\PD32E\CVDD se enumeran a continuación

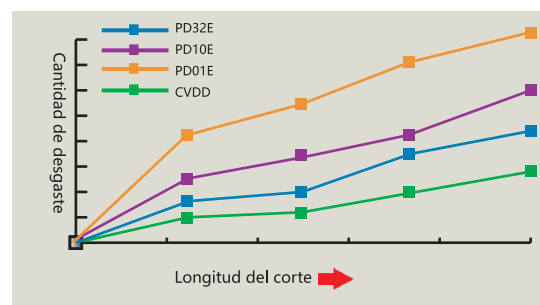
Introducción

Material	Tamaño de grado(μm)	Característica	Aplicación
PD01E	1	El material de PCD de tamaño de grano fino PD01E ($1\mu\text{m}$) es adecuado para aplicaciones de acabado de espejo. Su alta resistencia al impacto y su alta resistencia a la abrasión no son menores que las del grado pesado de PCD.	PD01E tiene una excelente resistencia a las virutas, es adecuado para el desbaste y corte de interrupción de aleaciones de aluminio. Este grado también se usa para aplicaciones de acabado no ferroso. Otras aplicaciones exitosas incluyen el mecanizado de madera, MDF.
PD10E	10	PD10E es el grado universal en el mercado. Es la primera opción para muchas aplicaciones donde se requiere un buen equilibrio de dureza y resistencia al desgaste.	Este grado también se usa para aplicaciones de acabado no ferroso. Otras aplicaciones exitosas incluyen el mecanizado de madera, MDF. El mecanizado de aleaciones de silicio y aluminio de contenido bajo y medio, carburo, goma endurecida, grafito, etc.
PD32E	2~30	PD32E tiene una combinación única de resistencia al desgaste, resistencia de los bordes y calidad del borde. Contiene una mezcla cuidadosamente seleccionada de micras de diamante (entre 2 y $30\mu\text{m}$). La combinación de estos tamaños de partículas y el proceso de sinterización a alta presión especialmente desarrollado produce una estructura de resistencia extrema a la abrasión y buena estabilidad térmica.	Las áreas de aplicación incluyen el mecanizado de piezas abrasivas como MMC, aleaciones de alto contenido de silicio y aluminio, así como para el mecanizado de carburo, goma dura, grafito y otras aplicaciones.
CVDD	—	CVDD es un material de carbono puro sin aglomerante, con una resistencia extrema a la abrasión y una buena adecuación térmica. Debido a su filo de corte perfecto, es ideal para aplicaciones donde se precisan acabados de espejo.	Las áreas de aplicación incluyen el mecanizado de piezas abrasivas como MMC, aleaciones de alto contenido de silicio y aluminio, así como para el mecanizado de carburo, goma dura, grafito y otras aplicaciones.

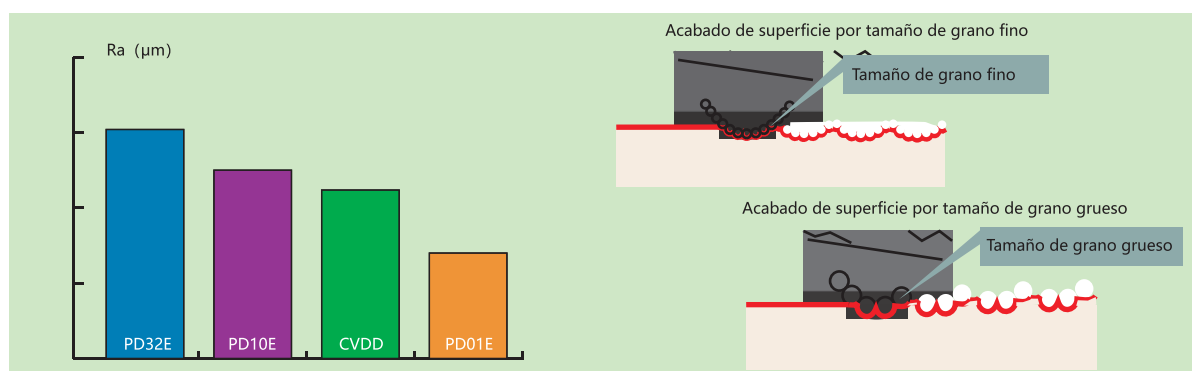
Microestructura de materiales PCD



Diferencias en la resistencia a la abrasión entre varios grados de materiales PCD



El tamaño de grano de PCD afecta la dureza de la superficie de la pieza de trabajo

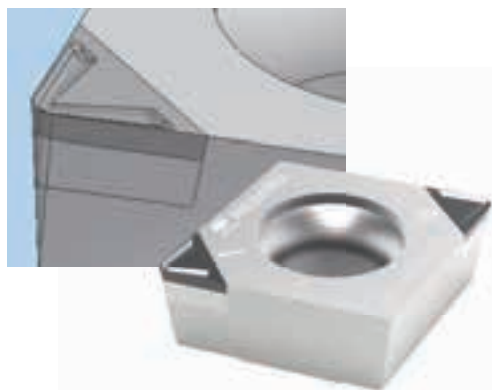


(Efecto del tamaño de grano en la superficie de mecanizado de acabado)

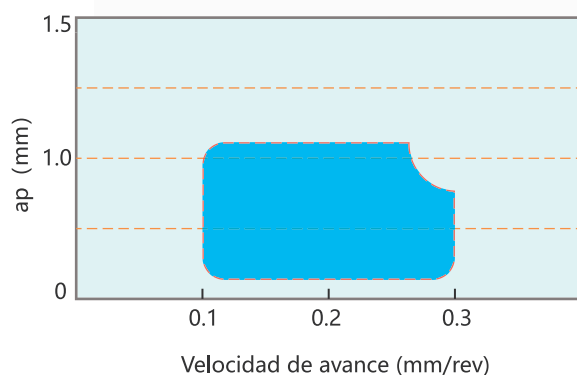
Inserción PCD con rompevirutas/Inserción de escobilla PCD

■ Inserción PCD con rompevirutas(CBC1)

Excelente rompevirutas en mecanizado de acabado



Ámbito de aplicación



Material: A6061

Condiciones de corte: $V_c=400\text{m/min}$ $f=0.1\text{mm/rev}$ $a_p=0.2\text{mm}$

Tipo de inserción: CCGW09T308



Material: A6061

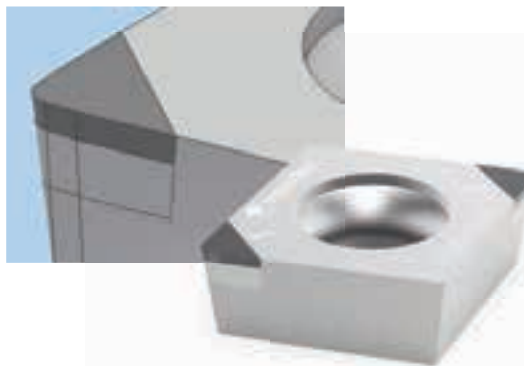
Condiciones de corte: $V_c=400\text{m/min}$ $f=0.1\text{mm/rev}$ $a_p=0.5\text{mm}$

Tipo de inserción: CCGW09T308



■ Inserción de escobilla PCD (WG)

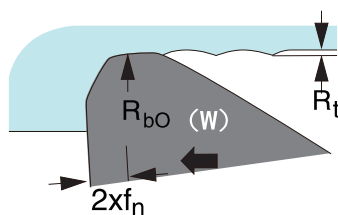
Mejorar la calidad de la superficie de la pieza o la eficiencia de procesamiento.



Efecto de la inserción de escobilla

Con igual R_t ,

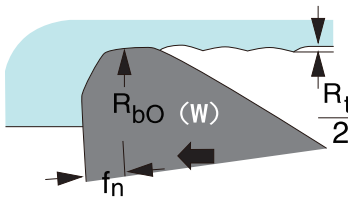
Las inserciones de escobilla aumentan la velocidad de avance doble($2xf_n$).



Alta eficiencia

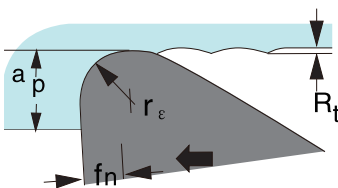
Bajo la misma f_n ,

Las inserciones de escobilla mejoran la calidad de la superficie. ($\frac{R_t}{2}$).



Superficie de alta calidad

Radio de esquina estándar



WORLDIA® Norma de Codificación de Inserciones PCD

ISO	C	C	G	W	09	T3	04	1	N	P	00	P	07	CB	ST	30	S
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰
ANSI	C	C	G	W	3	(2.5)	1	1	N	P	00	P	07	CB	ST	30	S
	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰

1 Forma			
	H	120°	C 80°
	O	135°	D 55°
	P	108°	E 75°
	R		M 86°
	S	90°	V 35°
	T	60°	W 80°
			L 90°
			A 85°
			B 82°
			K 55°

3 Tolerancia-ISO					Tolerancia-ANSI			
	Código	pul(mm)				pul		
		m	s	IC	Código	m	ic	s
	C	±0.013	±0.025	±0.025	C	±.0005	±.001	±.001
	H	±0.013	±0.025	±0.013	H	±.0005	±.0005	±.001
	E	±0.025	±0.025	±0.025	E	±.001	±.001	±.001
	G	±0.025	±0.13	±0.025	G	±.001	±.001	±.005
	K	±0.013	±0.025	±0.05~±0.13	K	±.0005	±.002-.005	±.001
	M	±0.08~±0.18	±0.13	±0.05~±0.13	M	±.002-.005	±.002-.005	±.005
	U	±0.13~±0.38	±0.13	±0.08~±0.25	U	±.005-.012	±.005-.010	±.005

2 Ángulo de separación			
	A		E
	B		F
	C		G
	D		N

5 Diá. de círculo inscrito									
ISO							ANSI		
							Código	Tamaño	
								mm	inch
C	D	R	S	T	V	W			
S4	04	03	03	06	-	-	3.97	(1.2)	5/32
04	05	04	04	08	08	S3	4.76	(1.5)	3/16
05	06	05	05	09	09	03	5.56	(1.8)	7/32
-	-	06	-	-	-	-	6	-	-
06	07	06	06	11	11	04	6.35	2	1/4
08	09	07	07	13	13	05	7.94	(2.5)	5/16
-	-	08	-	-	-	-	8	-	-
09	11	09	09	16	16	06	9.525	3	3/8
-	-	10	-	-	-	-	10	-	-
-	-	12	-	-	-	-	12	-	-
12	15	12	12	22	22	08	12.7	4	1/2
16	19	15	15	27	27	10	15.875	5	5/8
-	-	16	-	-	-	-	16	-	-
19	23	19	19	33	33	13	19.05	6	3/4
-	-	20	-	-	-	-	20	-	-
22	27	22	22	38	38	15	22.225	7	7/8
-	-	25	-	-	-	-	25	-	-
25	31	25	25	44	44	17	25.4	8	1
32	38	31	31	54	54	21	31.75	10	1-1/4
-	-	32	-	-	-	-	32	-	-

6 Espesor			
ISO		ANSI	
Código	Tamaño	Código	Tamaño
S	mm	S	inch
01	1.59	1	1/16
02	2.38	(1.5)	3/32
T2	2.78	-	-
03	3.18	2	1/8
T3	3.97	(2.5)	5/32
04	4.76	3	3/16
05	5.56	(3.5)	7/32
06	6.35	4	1/4
07	7.94	5	5/16
09	9.525	6	3/8

7 Radio de la punta			
ISO		ANSI	
Código	Tamaño	Código	Tamaño
Rε	mm	Rε	inch
00		00	.000
003	0.03	(0.1)	.001
01	0.1	(0.2)	.004
02	0.2	(0.5)	.008
04	0.4	1	1/64
08	0.8	2	1/32
12	1.2	3	3/64
16	1.6	4	1/16
20	2.0	5	5/64
24	2.4	6	3/32
28	2.8	7	7/64
32	3.2	8	1/8
M0		0	circular

4 Estándar, Rompevirutas			
	N		G
	R		W
	F		T
	A		Q
	M		U
		Otras	X

WORLDIA® Norma de Codificación de Inserciones PCD

8 Bordes

Código	1	2	3	4	6	8
notes	1 bord	2 Bordes	3 Bordes	4 Bordes	6 Bordes	8 Bordes

9 Dirección de corte

Código	R	L	N
notes	R	L	N



10 Descripción de ángulo de inclinación

P	M
Ángulo de inclinación positiva	Ángulo de inclinación negativa
	

11 Grado de ángulo de inclinación

Código	α	00	03	05	10
Tamaño	°	0	3	5	10

12 Descripción de ángulo de separación

P
Ángulo positivo de separación

M
Ángulo negativo de separación


13 Grado de ángulo de separación

Código	β	00	01	02	03	05	07	11	15	20	25	30	35
Tamaño	°	0	1	2	3	5	7	11	15	20	25	30	35

14 Tipo de inserción

					
SF	SW	SL	SS	CB	CS
Cara completa	Esquina de punta sólida	Esquina de punta sólida	PCD sólido	Esquinas con punta estándar	Borde Completo Estándar

15 Diseón de borde cortante

ST	WG	WG00	CBC1	—
Rodío de la punta	Wiper	0°Wiper	C1 Chip Breaker	—

16 Borde cortante

Código	25	30	35	40	45	...
Radio de la punta	2.8	3.0	3.5	4.0	4.5	...

17 Tratamiento de superficies

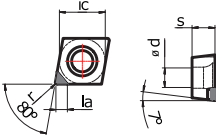
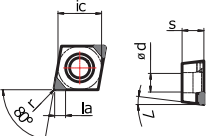
S	sin recubrimiento		
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Especificaciones de la inserción PCD/CVDD con rompevirutas



Insertos Positivos 80° PCD

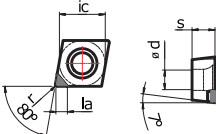
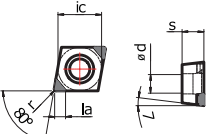


Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CCGT060202-1N P00P07	CBCBC125S	●	●	●		CCGT2(1.5)(0.5)-1N P00P07	CBCBC125S	6.35	2.8	2.38	0.2	2.5
	CCGT060204-1N P00P07		●	●	●		CCGT2(1.5)1-1N P00P07					0.4	
	CCGT060202-1N P00P07	SLCBC125S				●	CCGT2(1.5)(0.5)-1N P00P07	SLCBC125S	6.35	2.8	2.38	0.2	2.5
	CCGT060204-1N P00P07					●	CCGT2(1.5)1-1N P00P07					0.4	
	CCGT060202-2N P00P07	CBCBC125S	●	●	●		CCGT2(1.5)(0.5)-2N P00P07	CBCBC125S	6.35	2.8	2.38	0.2	2.5
	CCGT060204-2N P00P07		●	●	●		CCGT2(1.5)1-2N P00P07					0.4	



Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CCGT09T302-1N P00P07	CBCBC125S	●	●	●		CCGT3(2.5)(0.5)-1N P00P07	CBCBC125S	9.525	4.4	3.97	0.2	2.5
	CCGT09T304-1N P00P07		●	●	●		CCGT3(2.5)1-1N P00P07					0.4	
	CCGT09T308-1N P00P07		●	●	●		CCGT3(2.5)2-1N P00P07					0.8	
	CCGT09T302-1N P00P07	SLCBC125S				●	CCGT3(2.5)(0.5)-1N P00P07	SLCBC125S	9.525	4.4	3.97	0.2	2.5
	CCGT09T304-1N P00P07					●	CCGT3(2.5)1-1N P00P07					0.4	
	CCGT09T308-1N P00P07					●	CCGT3(2.5)2-1N P00P07					0.8	
	CCGT09T302-2N P00P07	CBCBC125S	●	●	●		CCGT3(2.5)(0.5)-2N P00P07	CBCBC125S	9.525	4.4	3.97	0.2	2.5
	CCGT09T304-2N P00P07		●	●	●		CCGT3(2.5)1-2N P00P07					0.4	
	CCGT09T308-2N P00P07		●	●	●		CCGT3(2.5)2-2N P00P07					0.8	

Ejemplos: ISO: CCGT09T302-1NP00P07CBCBC125S PD01E
ANSI: CCGT3(2.5)(0.5)-1NP00P07CBCBC125S PD01E

Especificaciones de la inserción PCD/CVDD con rompevirutas

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	DCGT070202-1N P00P07	CBCBC125S	●	●	●		DCGT2(1.5)(0.5)-1N P00P07	CBCBC125S	6.35	2.8	2.38	0.2	2.5
	DCGT070204-1N P00P07		●	●	●		DCGT2(1.5)1-1N P00P07					0.4	
	DCGT070202-1N P00P07	SLCBC125S				●	DCGT2(1.5)(0.5)-1N P00P07	SLCBC125S	6.35	2.8	2.38	0.2	2.5
	DCGT070204-1N P00P07					●	DCGT2(1.5)1-1N P00P07					0.4	
	DCGT070202-2N P00P07	CBCBC125S	●	●	●		DCGT2(1.5)(0.5)-2N P00P07	CBCBC125S	6.35	2.8	2.38	0.2	2.5
	DCGT070204-2N P00P07		●	●	●		DCGT2(1.5)1-2N P00P07					0.4	

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	DCGT11T302-1N P00P07	CBCBC125S	●	●	●		DCGT3(2.5)(0.5)-1N P00P07	CBCBC125S	9.525	4.4	3.97	0.2	2.5
	DCGT11T304-1N P00P07		●	●	●		DCGT3(2.5)1-1N P00P07					0.4	
	DCGT11T308-1N P00P07		●	●	●		DCGT3(2.5)2-1N P00P07					0.8	
	DCGT11T302-1N P00P07	SLCBC125S				●	DCGT3(2.5)(0.5)-1N P00P07	SLCBC125S	9.525	4.4	3.97	0.2	2.5
	DCGT11T304-1N P00P07					●	DCGT3(2.5)1-1N P00P07					0.4	
	DCGT11T308-1N P00P07					●	DCGT3(2.5)2-1N P00P07					0.8	
	DCGT11T302-2N P00P07	CBCBC125S	●	●	●		DCGT3(2.5)(0.5)-2N P00P07	CBCBC125S	9.525	4.4	3.97	0.2	2.5
	DCGT11T304-2N P00P07		●	●	●		DCGT3(2.5)1-2N P00P07					0.4	
	DCGT11T308-2N P00P07		●	●	●		DCGT3(2.5)2-2N P00P07					0.8	

Ejemplos: ISO: DCGT11T302-1N P00P07CBCBC125S PD01E

ANSI: DCGT3(2.5)(0.5)-1N P00P07CBCBC125S PD01E

Especificaciones de la inserción PCD/CVDD con rompevirutas

TC

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TCGT080202-1N P00P07	CBCBC125S	•	•	•		TCGT(1.5)(1.5)(0.5)-1N P00P07	CBCBC125S	4.76	2.4	2.38	0.2	2.5
	TCGT080204-1N P00P07		•	•	•		TCGT(1.5)(1.5)1-1N P00P07					0.4	
	TCGT080202-1N P00P07	SLCBC125S				•	TCGT(1.5)(1.5)(0.5)-1N P00P07	SLCBC125S	4.76	2.4	2.38	0.2	2.5
	TCGT080204-1N P00P07					•	TCGT(1.5)(1.5)1-1N P00P07					0.4	
	TCGT080202-3N P00P07	CBCBC125S	•	•	•		TCGT(1.5)(1.5)(0.5)-3N P00P07	CBCBC125S	4.76	2.4	2.38	0.2	2.5
	TCGT080204-3N P00P07		•	•	•		TCGT(1.5)(1.5)1-3N P00P07					0.4	

TC

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TCGT110302-1N P00P07	CBCBC125S	•	•	•		TCGT22(0.5)-1N P00P07	CBCBC125S	6.35	2.8	3.18	0.2	2.5
	TCGT110304-1N P00P07		•	•	•		TCGT22 1-1N P00P07					0.4	
	TCGT110302-1N P00P07	SLCBC125S				•	TCGT22(0.5)-1N P00P07	SLCBC125S	6.35	2.8	3.18	0.2	2.5
	TCGT110304-1N P00P07					•	TCGT22 1-1N P00P07					0.4	
	TCGT110302-3N P00P07	CBCBC125S	•	•	•		TCGT22(0.5)-3N P00P07	CBCBC125S	6.35	2.8	3.18	0.2	2.5
	TCGT110304-3N P00P07		•	•	•		TCGT22 1-1N P00P07					0.4	

Ejemplos: ISO: TCGT110302-1N P00P07CBCBC125S PD01E

ANSI: TCGT22(0.5)-1N P00P07CBCBC125S PD01E

Especificaciones de la inserción PCD/CVDD con rompevirutas

TC

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TCGT160402-1N P00P07	CBCBC125S	●	●	●		TCGT33(0.5)-1N P00P07	CBCBC125S	9.525	4.4	4.76	0.2	2.5
	TCGT160404-1N P00P07		●	●	●		TCGT331-1N P00P07					0.4	
	TCGT160408-1N P00P07		●	●	●		TCGT332-1N P00P07					0.8	
	TCGT160402-1N P00P07	SLCBC125S				●	TCGT33(0.5)-1N P00P07	SLCBC125S	9.525	4.4	4.76	0.2	2.5
	TCGT160404-1N P00P07					●	TCGT331-1N P00P07					0.4	
	TCGT160408-1N P00P07					●	TCGT332-1N P00P07					0.8	
	TCGT160402-3N P00P07	CBCBC125S	●	●	●		TCGT33(0.5)-3N P00P07	CBCBC125S	9.525	4.4	4.76	0.2	2.5
	TCGT160404-3N P00P07		●	●	●		TCGT331-3N P00P07					0.4	
	TCGT160408-3N P00P07		●	●	●		TCGT332-3N P00P07					0.8	

TP

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TPGT080202-1N P00P11	CBCBC125S	●	●	●		TPGT(1.5)(1.5)(0.5)-1N P00P11	CBCBC125S	4.76	2.4	2.38	0.2	2.5
	TPGT080204-1N P00P11		●	●	●		TPGT(1.5)(1.5)1-1N P00P11					0.4	
	TPGT080202-1N P00P11	SLCBC125S				●	TPGT(1.5)(1.5)(0.5)-1N P00P11	SLCBC125S	4.76	2.4	2.38	0.2	2.5
	TPGT080204-1N P00P11					●	TPGT(1.5)(1.5)1-1N P00P11					0.4	
	TPGT080202-3N P00P11	CBCBC125S	●	●	●		TPGT(1.5)(1.5)(0.5)-3N P00P11	CBCBC125S	4.76	2.4	2.38	0.2	2.5
	TPGT080204-3N P00P11		●	●	●		TPGT(1.5)(1.5)1-3N P00P11					0.4	

Ejemplos: ISO: TPGT080202-1N P00P11CBCBC125S PD01E

ANSI: TPGT(1.5)(1.5)(0.5)-1N P00P11CBCBC125S PD01E

Especificaciones de la inserción PCD/CVDD con rompevirutas

TP

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TPGT110302-1N P00P11	CBCBC125S	•	•	•		TPGT22(0.5)-1N P00P11	CBCBC125S	6.35	3.3	3.18	0.2	2.5
	TPGT110304-1N P00P11		•	•	•		TPGT221-1N P00P11					0.4	
	TPGT110302-1N P00P11	SLCBC125S				•	TPGT22(0.5)-1N P00P11	SLCBC125S	6.35	3.3	3.18	0.2	2.5
	TPGT110304-1N P00P11					•	TPGT221-1N P00P11					0.4	
	TPGT110302-3N P00P11	CBCBC125S	•	•	•		TPGT22(0.5)-3N P00P11	CBCBC125S	6.35	3.3	3.18	0.2	2.5
	TPGT110304-3N P00P11		•	•	•		TPGT221-1N P00P11					0.4	

TP

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	TPGT160402-1N P00P11	CBCBC125S	•	•	•		TPGT33(0.5)-1N P00P11	CBCBC125S	9.525	4.4	4.76	0.2	2.5
	TPGT160404-1N P00P11		•	•	•		TPGT331-1N P00P11					0.4	
	TPGT160408-1N P00P11		•	•	•		TPGT332-1N P00P11					0.8	
	TPGT160402-1N P00P11	SLCBC125S				•	TPGT33(0.5)-1N P00P11	SLCBC125S	9.525	4.4	4.76	0.2	2.5
	TPGT160404-1N P00P11					•	TPGT331-1N P00P11					0.4	
	TPGT160408-1N P00P11					•	TPGT332-1N P00P11					0.8	
	TPGT160402-3N P00P11	CBCBC125S	•	•	•		TPGT33(0.5)-3N P00P11	CBCBC125S	9.525	4.4	4.76	0.2	2.5
	TPGT160404-3N P00P11		•	•	•		TPGT331-3N P00P11					0.4	
	TPGT160408-3N P00P11		•	•	•		TPGT332-3N P00P11					0.8	

Ejemplos: ISO: TPGT160402-1N P00P11CBCBC125S PD01E

ANSI: TPGT33(0.5)-1N P00P11CBCBC125S PD01E

Especificaciones de la inserción PCD/CVDD con rompevirutas

VC Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	VCGT110302-1N P00P07	CBCBC130S	●	●	●		VCGT22(0.5)-1N P00P07	CBCBC130S	6.35	3.3	3.18	0.2	3.0
	VCGT110304-1N P00P07		●	●	●		VCGT221-1N P00P07					0.4	
	VCGT110302-1N P00P07	SLCBC130S				●	VCGT22(0.5)-1N P00P07	SLCBC130S	6.35	3.3	3.18	0.2	3.0
	VCGT110304-1N P00P07					●	VCGT221-1N P00P07					0.4	
	VCGT110302-3N P00P07	CBCBC130S	●	●	●		VCGT22(0.5)-3N P00P07	CBCBC130S	6.35	3.3	3.18	0.2	3.0
	VCGT110304-3N P00P07		●	●	●		VCGT221-3N P00P07					0.4	

VC Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	VCGT160402-1N P00P07	CBCBC130S	●	●	●		VCGT33(0.5)-1N P00P07	CBCBC130S	9.525	4.4	4.76	0.2	3.0
	VCGT160404-1N P00P07		●	●	●		VCGT331-1N P00P07					0.4	
	VCGT160408-1N P00P07		●	●	●		VCGT332-1N P00P07					0.8	
	VCGT160402-1N P00P07	SLCBC130S				●	VCGT33(0.5)-1N P00P07	SLCBC130S	9.525	4.4	4.76	0.2	3.0
	VCGT160404-1N P00P07					●	VCGT331-1N P00P07					0.4	
	VCGT160408-1N P00P07					●	VCGT332-1N P00P07					0.8	
	VCGT160402-3N P00P07	CBCBC130S	●	●	●		VCGT33(0.5)-3N P00P07	CBCBC130S	9.525	4.4	4.76	0.2	3.0
	VCGT160404-3N P00P07		●	●	●		VCGT331-3N P00P07					0.4	
	VCGT160408-3N P00P07		●	●	●		VCGT332-3N P00P07					0.8	

Ejemplos: ISO: VCGT160402-1N P00P07CBCBC130S PD01E
ANSI: VCGT33(0.5)-1N P00P07CBCBC130S PD01E

Especificaciones del inserto de limpiador PCD / CVDD

CC

Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CCGW060202-1N P00P07	CBWG25S	●	●	●		CCGW2(1.5)(0.5)-1N P00P07	CBWG25S	6.35	2.8	2.38	0.2	2.5
	CCGW060204-1N P00P07		●	●	●		CCGW2(1.5)1-1N P00P07					0.4	
	CCGW060202-1N P00P07	SLWG25S				●	CCGW2(1.5)(0.5)-1N P00P07	SLWG25S	6.35	2.8	2.38	0.2	2.5
	CCGW060204-1N P00P07					●	CCGW2(1.5)1-1N P00P07					0.4	
	CCGW060202-2N P00P07	CBWG25S	●	●	●		CCGW2(1.5)(0.5)-2N P00P07	CBWG25S	6.35	2.8	2.38	0.2	2.5
	CCGW060204-2N P00P07		●	●	●		CCGW2(1.5)1-2N P00P07					0.4	

CC

Insertos Positivos 80° PCD

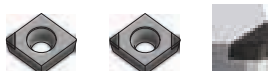


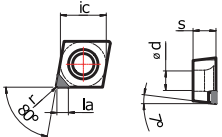
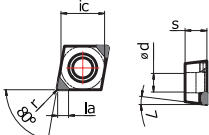
Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CCGW09T302-1N P00P07	CBWG25S	●	●	●		CCGW3(2.5)(0.5)-1N P00P07	CBWG25S	9.525	4.4	3.97	0.2	2.5
	CCGW09T304-1N P00P07		●	●	●		CCGW3(2.5)1-1N P00P07					0.4	
	CCGW09T308-1N P00P07		●	●	●		CCGW3(2.5)2-1N P00P07					0.8	
	CCGW09T302-1N P00P07	SLWG25S				●	CCGW3(2.5)(0.5)-1N P00P07	SLWG25S	9.525	4.4	3.97	0.2	2.5
	CCGW09T304-1N P00P07					●	CCGW3(2.5)1-1N P00P07					0.4	
	CCGW09T308-1N P00P07					●	CCGW3(2.5)2-1N P00P07					0.8	
	CCGW09T302-2N P00P07	CBWG25S	●	●	●		CCGW3(2.5)(0.5)-2N P00P07	CBWG25S	9.525	4.4	3.97	0.2	2.5
	CCGW09T304-2N P00P07		●	●	●		CCGW3(2.5)1-2N P00P07					0.4	
	CCGW09T308-2N P00P07		●	●	●		CCGW3(2.5)2-2N P00P07					0.8	

Ejemplos: ISO: CCGW09T302-1N P00P07CBWG25S PD01E
ANSI: CCGW3(2.5)(0.5)-1N P00P07CBWG25S PD01E

Especificaciones del inserto de limpiador PCD / CVDD

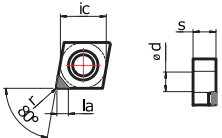
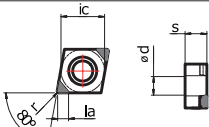
CC Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CCGW120402-1N P00P07	CBWG25S	●	●	●		CCGW43(0.5)-1N P00P07	CBWG25S	12.7	5.5	4.76	0.2	2.5
	CCGW120404-1N P00P07		●	●	●		CCGW431-1N P00P07					0.4	
	CCGW120408-1N P00P07		●	●	●		CCGW432-1N P00P07					0.8	
	CCGW120402-1N P00P07	SLWG25S				●	CCGW43(0.5)-1N P00P07	SLWG25S	12.7	5.5	4.76	0.2	2.5
	CCGW120404-1N P00P07					●	CCGW431-1N P00P07					0.4	
	CCGW120408-1N P00P07					●	CCGW432-1N P00P07					0.8	
	CCGW120402-2N P00P07	CBWG25S	●	●	●		CCGW43(0.5)-2N P00P07	CBWG25S	12.7	5.5	4.76	0.2	2.5
	CCGW120404-2N P00P07		●	●	●		CCGW431-2N P00P07					0.4	
	CCGW120408-2N P00P07		●	●	●		CCGW432-2N P00P07					0.8	

CN Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm				
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	r	la
	CNGA120402-1N P00P00	CBWG25S	●	●	●		CNGA43(0.5)-1N P00P00	CBWG25S	12.7	5.16	4.76	0.2	2.5
	CNGA120404-1N P00P00		●	●	●		CNGA431-1N P00P00					0.4	
	CNGA120408-1N P00P00		●	●	●		CNGA432-1N P00P00					0.8	
	CNGA120402-1N P00P00	SLWG25S				●	CNGA43(0.5)-1N P00P00	SLWG25S	12.7	5.16	4.76	0.2	2.5
	CNGA120404-1N P00P00					●	CNGA431-1N P00P00					0.4	
	CNGA120408-1N P00P00					●	CNGA432-1N P00P00					0.8	
	CNGA120402-2N P00P00	CBWG25S	●	●	●		CNGA43(0.5)-2N P00P00	CBWG25S	12.7	5.16	4.76	0.2	2.5
	CNGA120404-2N P00P00		●	●	●		CNGA431-2N P00P00					0.4	
	CNGA120408-2N P00P00		●	●	●		CNGA432-2N P00P00					0.8	

Ejemplos: ISO: CNGA120402-1N P00P00CBWG25S PD01E
ANSI: CNGA43(0.5)-1N P00P00CBWG25S PD01E

Especificaciones del inserto PCD / CVDD estándar



Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la



Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	CCGW09T302-1N P00P07	CBST25S	●	●	●		CCGW2(1.5)(0.5)-1N P00P07	CBST25S	9.525	4.4	3.97	0°	0.2	2.5
	CCGT09T302-1N P05P07		●	●	●		CCGT2(1.5)(0.5)-1N P05P07					5°	0.2	
	CCGT09T302-1N P10P07		●	●	●		CCGT2(1.5)(0.5)-1N P10P07					10°	0.2	
	CCGW09T304-1N P00P07		●	●	●		CCGW2(1.5)1-1N P00P07					0°	0.4	
	CCGT09T304-1N P05P07		●	●	●		CCGT2(1.5)1-1N P05P07					5°	0.4	
	CCGT09T304-1N P10P07		●	●	●		CCGT2(1.5)1-1N P10P07					10°	0.4	
	CCGW09T302-1N P00P07	SLST25S				●	CCGW2(1.5)(0.5)-1N P00P07	SLST25S	9.525	4.4	3.97	0°	0.2	2.5
	CCGT09T302-1N P05P07					●	CCGT2(1.5)(0.5)-1N P05P07					5°	0.2	
	CCGT09T302-1N P10P07					●	CCGT2(1.5)(0.5)-1N P10P07					10°	0.2	
	CCGW09T304-1N P00P07					●	CCGW2(1.5)1-1N P00P07					0°	0.4	
	CCGT09T304-1N P05P07					●	CCGT2(1.5)1-1N P05P07					5°	0.4	
	CCGT09T304-1N P10P07					●	CCGT2(1.5)1-1N P10P07					10°	0.4	
	CCGW09T302-2N P00P07	CBST25S	●	●	●		CCGW2(1.5)(0.5)-2N P00P07	CBST25S	9.525	4.4	3.97	0°	0.2	2.5
	CCGT09T302-2N P05P07		●	●	●		CCGT2(1.5)(0.5)-2N P05P07					5°	0.2	
	CCGT09T302-2N P10P07		●	●	●		CCGT2(1.5)(0.5)-2N P10P07					10°	0.2	
	CCGW09T304-2N P00P07		●	●	●		CCGW2(1.5)1-2N P00P07					0°	0.4	
	CCGT09T304-2N P05P07		●	●	●		CCGT2(1.5)1-2N P05P07					5°	0.4	
	CCGT09T304-2N P10P07		●	●	●		CCGT2(1.5)1-2N P10P07					10°	0.4	

Ejemplos: ISO: CCGT09T302-1NP00P07CBCBC125S PD01E
ANSI: CCGT3(2.5)(0.5)-1NP00P07CBCBC125S PD01E

Especificaciones del inserto PCD / CVDD estándar

CC Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD32E	CVDD			ic	ød	s	α	r	la

CC Insertos Positivos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la

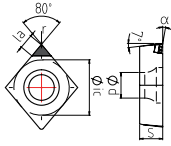
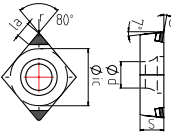
Ejemplos: ISO: CCGW120402-1N P00P07CBST25S PD01E
ANSI: CCGW43(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

CC

Insertos Positivos 80° PCD

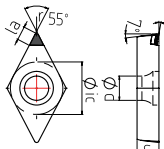
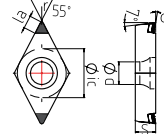


Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	CCGW120408-1N P00P07	CBST25S	●	●	●		CCGW432-1N P00P07	CBST25S	12.7	5.5	4.76	0°	0.8	2.5
	CCGT120408-1N P05P07		●	●	●		CCGT432-1N P05P07					5°	0.8	
	CCGT120408-1N P10P07		●	●	●		CCGT432-1N P10P07					10°	0.8	
	CCGW120408-1N P00P07	SLST25S				●	CCGW432-1N P00P07	SLST25S	12.7	5.5	4.76	0°	0.8	2.5
	CCGT120408-1N P05P07					●	CCGT432-1N P05P07					5°	0.8	
	CCGT120408-1N P10P07					●	CCGT432-1N P10P07					10°	0.8	
		CCGW120408-2N P00P07	CBST25S	●	●	●		CCGW432-2N P00P07	CBST25S	12.7	5.5	4.76	0°	0.8
CCGT120408-2N P05P07		●		●	●		CCGT432-2N P05P07	5°					0.8	
CCGT120408-2N P10P07		●		●	●		CCGT432-2N P10P07	10°					0.8	

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	DCGW070202-1N P00P07	CBST25S	●	●	●		DCGW2(1.5)(0.5)-1N P00P07	CBST25S	6.35	2.8	2.38	0°	0.2	2.5
	DCGT070202-1N P05P07		●	●	●		DCGT2(1.5)(0.5)-1N P05P07					5°	0.2	
	DCGT070202-1N P10P07		●	●	●		DCGT2(1.5)(0.5)-1N P10P07					10°	0.2	
	DCGW070204-1N P00P07		●	●	●		DCGW2(1.5)1-1N P00P07					0°	0.4	
	DCGT070204-1N P05P07		●	●	●		DCGT2(1.5)1-1N P05P07					5°	0.4	
	DCGT070204-1N P10P07		●	●	●		DCGT2(1.5)1-1N P10P07					10°	0.4	
	DCGW070202-1N P00P07	SLST25S				●	DCGW2(1.5)(0.5)-1N P00P07	SLST25S	6.35	2.8	2.38	0°	0.2	2.5
	DCGT070202-1N P05P07					●	DCGT2(1.5)(0.5)-1N P05P07					5°	0.2	
	DCGT070202-1N P10P07					●	DCGT2(1.5)(0.5)-1N P10P07					10°	0.2	
	DCGW070204-1N P00P07					●	DCGW2(1.5)1-1N P00P07					0°	0.4	
DCGT070204-1N P05P07					●	DCGT2(1.5)1-1N P05P07	5°					0.4		
DCGT070204-1N P10P07					●	DCGT2(1.5)1-1N P10P07	10°					0.4		
	DCGW070202-2N P00P07	CBST25S	●	●	●		DCGW2(1.5)(0.5)-2N P00P07	CBST25S	6.35	2.8	2.38	0°	0.2	2.5
	DCGT070202-2N P05P07		●	●	●		DCGT2(1.5)(0.5)-2N P05P07					5°	0.2	
	DCGT070202-2N P10P07		●	●	●		DCGT2(1.5)(0.5)-2N P10P07					10°	0.2	
	DCGW070204-2N P00P07		●	●	●		DCGW2(1.5)1-2N P00P07					0°	0.4	
	DCGT070204-2N P05P07		●	●	●		DCGT2(1.5)1-2N P05P07					5°	0.4	
	DCGT070204-2N P10P07		●	●	●		DCGT2(1.5)1-2N P10P07					10°	0.4	

Ejemplos: ISO: DCGW070202-1N P00P07CBST25S PD01E
ANSI: DCGW2(1.5)(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la	
	DCGW070208-1N P00P07	CBST25S	●	●	●		DCGW2(1.5)2-1N P00P07	CBST25S	6.35	2.8	2.38	0°	0.8	2.5	
	DCGT070208-1N P05P07		●	●	●		DCGT2(1.5)2-1N P05P07					5°	0.8		
	DCGT070208-1N P10P07		●	●	●		DCGT2(1.5)2-1N P10P07					10°	0.8		
	DCGW070208-1N P00P07	SLST25S				●	DCGW2(1.5)2-1N P00P07	SLST25S	6.35	2.8	2.38	0°	0.8	2.5	
	DCGT070208-1N P05P07					●	DCGT2(1.5)2-1N P05P07					5°	0.8		
	DCGT070208-1N P10P07					●	DCGT2(1.5)2-1N P10P07					10°	0.8		
		DCGW070208-2N P00P07	CBST25S	●	●	●		DCGW2(1.5)2-2N P00P07	CBST25S	6.35	2.8	2.38	0°	0.8	2.5
		DCGT070208-2N P05P07		●	●	●		DCGT2(1.5)2-2N P05P07					5°	0.8	
DCGT070208-2N P10P07		●		●	●		DCGT2(1.5)2-2N P10P07	10°					0.8		

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm								
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la			
	DCGW11T302-1N P00P07	CBST25S	●	●	●		DCGW3(2.5)(0.5)-1N P00P07	CBST25S	9.525	4.4	3.97		0°	0.2	2.5		
	DCGT11T302-1N P05P07		●	●	●		DCGT3(2.5)(0.5)-1N P05P07									5°	0.2
	DCGT11T302-1N P10P07		●	●	●		DCGT3(2.5)(0.5)-1N P10P07									10°	0.2
	DCGW11T304-1N P00P07		●	●	●		DCGW3(2.5)1-1N P00P07									0°	0.4
	DCGT11T304-1N P05P07		●	●	●		DCGT3(2.5)1-1N P05P07									5°	0.4
	DCGT11T304-1N P10P07		●	●	●		DCGT3(2.5)1-1N P10P07									10°	0.4
	DCGW11T302-1N P00P07	SLST25S				●	DCGW3(2.5)(0.5)-1N P00P07	SLST25S	9.525	4.4	3.97		0°	0.2	2.5		
	DCGT11T302-1N P05P07					●	DCGT3(2.5)(0.5)-1N P05P07									5°	0.2
	DCGT11T302-1N P10P07					●	DCGT3(2.5)(0.5)-1N P10P07									10°	0.2
	DCGW11T304-1N P00P07					●	DCGW3(2.5)1-1N P00P07									0°	0.4
DCGT11T304-1N P05P07					●	DCGT3(2.5)1-1N P05P07	5°									0.4	
DCGT11T304-1N P10P07					●	DCGT3(2.5)1-1N P10P07	10°									0.4	
	DCGW11T302-2N P00P07	CBST25S	●	●	●		DCGW3(2.5)(0.5)-2N P00P07	CBST25S	9.525	4.4	3.97		0°	0.2	2.5		
	DCGT11T302-2N P05P07		●	●	●		DCGT3(2.5)(0.5)-2N P05P07									5°	0.2
	DCGT11T302-2N P10P07		●	●	●		DCGT3(2.5)(0.5)-2N P10P07									10°	0.2
	DCGW11T304-2N P00P07		●	●	●		DCGW3(2.5)1-2N P00P07									0°	0.4
	DCGT11T304-2N P05P07		●	●	●		DCGT3(2.5)1-2N P05P07									5°	0.4
	DCGT11T304-2N P10P07		●	●	●		DCGT3(2.5)1-2N P10P07									10°	0.4

Ejemplos: ISO: DCGW11T302-1N P00P07CBST25S PD01E

ANSI: DCGW3(2.5)(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

DC

Insertos Positivos 55° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	DCGW11T308-1N P00P07	CBST25S	●	●	●		DCGW3(2.5)2-1N P00P07	CBST25S	9.525	4.4	3.97	0°	0.8	2.5
	DCGT11T308-1N P05P07		●	●	●		DCGT3(2.5)2-1N P05P07					5°	0.8	
	DCGT11T308-1N P10P07		●	●	●		DCGT3(2.5)2-1N P10P07					10°	0.8	
	DCGW11T308-1N P00P07	SLST25S				●	DCGW3(2.5)2-1N P00P07	SLST25S	9.525	4.4	3.97	0°	0.8	2.5
	DCGT11T308-1N P05P07					●	DCGT3(2.5)2-1N P05P07					5°	0.8	
DCGT11T308-1N P10P07					●	DCGT3(2.5)2-1N P10P07	10°					0.8		
	DCGW11T308-2N P00P07	CBST25S	●	●	●		DCGW3(2.5)2-2N P00P07	CBST25S	9.525	4.4	3.97	0°	0.8	2.5
	DCGT11T308-2N P05P07		●	●	●		DCGT3(2.5)2-2N P05P07					5°	0.8	
	DCGT11T308-2N P10P07		●	●	●		DCGT3(2.5)2-2N P10P07					10°	0.8	

TC

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TCGW080202-1N P00P07	CBST25S	●	●	●		TCGW(1.5)(1.5)(0.5)-1N P00P07	CBST25S	4.76	2.4	2.38	0°	0.2	2.5
	TCGT080202-1N P05P07		●	●	●		TCGT(1.5)(1.5)(0.5)-1N P05P07					5°	0.2	
	TCGT080202-1N P10P07		●	●	●		TCGT(1.5)(1.5)(0.5)-1N P10P07					10°	0.2	
	TCGW080204-1N P00P07		●	●	●		TCGW(1.5)(1.5)1-1N P00P07					0°	0.4	
	TCGT080204-1N P05P07		●	●	●		TCGT(1.5)(1.5)1-1N P05P07					5°	0.4	
	TCGT080204-1N P10P07		●	●	●		TCGT(1.5)(1.5)1-1N P10P07					10°	0.4	
	TCGW080202-1N P00P07	SLST25S				●	TCGW(1.5)(1.5)(0.5)-1N P00P07	SLST25S	4.76	2.4	2.38	0°	0.2	2.5
	TCGT080202-1N P05P07					●	TCGT(1.5)(1.5)(0.5)-1N P05P07					5°	0.2	
	TCGT080202-1N P10P07					●	TCGT(1.5)(1.5)(0.5)-1N P10P07					10°	0.2	
TCGW080204-1N P00P07					●	TCGW(1.5)(1.5)1-1N P00P07	0°					0.4		
TCGT080204-1N P05P07					●	TCGT(1.5)(1.5)1-1N P05P07	5°					0.4		
TCGT080204-1N P10P07					●	TCGT(1.5)(1.5)1-1N P10P07	10°					0.4		
	TCGW080202-3N P00P07	CBST25S	●	●	●		TCGW(1.5)(1.5)(0.5)-3N P00P07	CBST25S	4.76	2.4	2.38	0°	0.2	2.5
	TCGT080202-3N P05P07		●	●	●		TCGT(1.5)(1.5)(0.5)-3N P05P07					5°	0.2	
	TCGT080202-3N P10P07		●	●	●		TCGT(1.5)(1.5)(0.5)-3N P10P07					10°	0.2	
	TCGW080204-3N P00P07		●	●	●		TCGW(1.5)(1.5)1-3N P00P07					0°	0.4	
	TCGT080204-3N P05P07		●	●	●		TCGT(1.5)(1.5)1-3N P05P07					5°	0.4	
	TCGT080204-3N P10P07		●	●	●		TCGT(1.5)(1.5)1-3N P10P07					10°	0.4	

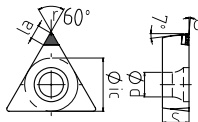
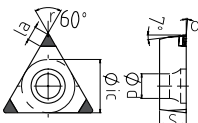
Ejemplos: ISO: TCGW080202-1N P00P07CBST25S PD01E

ANSI: TCGW(1.5)(1.5)(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

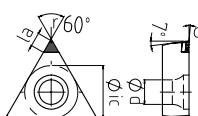
TC Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TCGW080208-1N P00P07	CBST25S	●	●	●		TCGW(1.5)(1.5)2-1N P00P07	CBST25S	4.76	2.4	2.38	0°	0.8	2.5
	TCGT080208-1N P05P07		●	●	●		TCGT(1.5)(1.5)2-1N P05P07					5°	0.8	
	TCGT080208-1N P10P07		●	●	●		TCGT(1.5)(1.5)2-1N P10P07					10°	0.8	
	TCGW080208-1N P00P07	SLST25S				●	TCGW(1.5)(1.5)2-1N P00P07	SLST25S	4.76	2.4	2.38	0°	0.8	2.5
	TCGT080208-1N P05P07					●	TCGT(1.5)(1.5)2-1N P05P07					5°	0.8	
	TCGT080208-1N P10P07					●	TCGT(1.5)(1.5)2-1N P10P07					10°	0.8	
	TCGW080208-2N P00P07	CBST25S	●	●	●		TCGW(1.5)(1.5)2-3N P00P07	CBST25S	4.76	2.4	2.38	0°	0.8	2.5
	TCGT080208-2N P05P07		●	●	●		TCGT(1.5)(1.5)2-3N P05P07					5°	0.8	
	TCGT080208-2N P10P07		●	●	●		TCGT(1.5)(1.5)2-3N P10P07					10°	0.8	
		SLST25S				●	TCGW(1.5)(1.5)2-3N P00P07	SLST25S	4.76	2.4	2.38	0°	0.8	2.5
						●	TCGT(1.5)(1.5)2-3N P05P07					5°	0.8	
						●	TCGT(1.5)(1.5)2-3N P10P07					10°	0.8	

TC Insertos Positivos 60° PCD



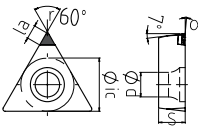
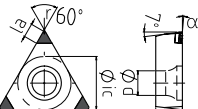
Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TCGW110302-1N P00P07	CBST25S	●	●	●		TCGW22(0.5)-1N P00P07	CBST25S	6.35	2.8	3.18	0°	0.2	2.5
	TCGT110302-1N P05P07		●	●	●		TCGT22(0.5)-1N P05P07					5°	0.2	
	TCGT110302-1N P10P07		●	●	●		TCGT22(0.5)-1N P10P07					10°	0.2	
	TCGW110304-1N P00P07		●	●	●		TCGW22(0.5)-1N P00P07					0°	0.4	
	TCGT110304-1N P05P07		●	●	●		TCGT22(0.5)-1N P05P07					5°	0.4	
	TCGT110304-1N P10P07		●	●	●		TCGT22(0.5)-1N P10P07					10°	0.4	
	TCGW110302-1N P00P07	SLST25S				●	TCGW22(0.5)-1N P00P07	SLST25S	6.35	2.8	3.18	0°	0.2	2.5
	TCGT110302-1N P05P07					●	TCGT22(0.5)-1N P05P07					5°	0.2	
	TCGT110302-1N P10P07					●	TCGT22(0.5)-1N P10P07					10°	0.2	
TCGW110304-1N P00P07					●	TCGW22(0.5)-1N P00P07	0°					0.4		
TCGT110304-1N P05P07					●	TCGT22(0.5)-1N P05P07	5°					0.4		
TCGT110304-1N P10P07					●	TCGT22(0.5)-1N P10P07	10°					0.4		
	TCGW110302-3N P00P07	CBST25S	●	●	●		TCGW22(0.5)-1N P00P07	CBST25S	6.35	2.8	3.18	0°	0.2	2.5
	TCGT110302-3N P05P07		●	●	●		TCGT22(0.5)-1N P05P07					5°	0.2	
	TCGT110302-3N P10P07		●	●	●		TCGT22(0.5)-1N P10P07					10°	0.2	
	TCGW110304-3N P00P07		●	●	●		TCGW22(0.5)-1N P00P07					0°	0.4	
	TCGT110304-3N P05P07		●	●	●		TCGT22(0.5)-1N P05P07					5°	0.4	
	TCGT110304-3N P10P07		●	●	●		TCGT22(0.5)-1N P10P07					10°	0.4	

Ejemplos: ISO: TCGW110302-1N P00P07CBST25S PD01E
ANSI: TCGW22(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

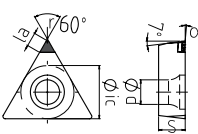
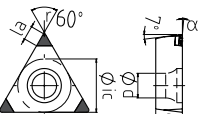
TC Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD32E PD10E	CVDD			ic	ød	s	α	r	la
	TCGW110308-1N P00P07	CBST25S	●	●	●	TCGW222-1N P00P07	CBST25S	6.35	2.8	3.18	0°	0.8	2.5
	TCGT110308-1N P05P07		●	●	●	TCGT222-1N P05P07					5°	0.8	
	TCGT110308-1N P10P07		●	●	●	TCGT222-1N P10P07					10°	0.8	
	TCGW110308-1N P00P07	SLST25S			●	TCGW222-1N P00P07	SLST25S	6.35	2.8	3.18	0°	0.8	2.5
	TCGT110308-1N P05P07				●	TCGT222-1N P05P07					5°	0.8	
	TCGT110308-1N P10P07				●	TCGT222-1N P10P07					10°	0.8	
		TCGW110308-3N P00P07	CBST25S	●	●	●	TCGW222-1N P00P07	CBST25S	6.35	2.8	3.18	0°	0.8
TCGT110308-3N P05P07		●		●	●	TCGT222-1N P05P07	5°					0.8	
TCGT110308-3N P10P07		●		●	●	TCGT222-1N P10P07	10°					0.8	

TC Insertos Positivos 60° PCD



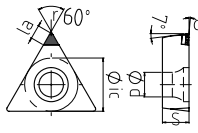
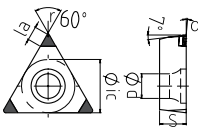
Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TCGW160402-1N P00P07	CBST25S	●	●	●		TCGW33(0.5)-1N P00P07	CBST25S	9.525	4.4	4.76	0°	0.2	2.5
	TCGT160402-1N P05P07		●	●	●		TCGT33(0.5)-1N P05P07					5°	0.2	
	TCGT160402-1N P10P07		●	●	●		TCGT33(0.5)-1N P10P07					10°	0.2	
	TCGW160404-1N P00P07		●	●	●		TCGW33(0.5)-1N P00P07					0°	0.4	
	TCGT160404-1N P05P07		●	●	●		TCGT33(0.5)-1N P05P07					5°	0.4	
	TCGT160404-1N P10P07		●	●	●		TCGT33(0.5)-1N P10P07					10°	0.4	
	TCGW160402-1N P00P07	SLST25S				●	TCGW33(0.5)-1N P00P07	SLST25S	9.525	4.4	4.76	0°	0.2	2.5
	TCGT160402-1N P05P07					●	TCGT33(0.5)-1N P05P07					5°	0.2	
	TCGT160402-1N P10P07					●	TCGT33(0.5)-1N P10P07					10°	0.2	
TCGW160404-1N P00P07					●	TCGW33(0.5)-1N P00P07	0°					0.4		
TCGT160404-1N P05P07					●	TCGT33(0.5)-1N P05P07	5°					0.4		
TCGT160404-1N P10P07					●	TCGT33(0.5)-1N P10P07	10°					0.4		
	TCGW160402-3N P00P07	CBST25S	●	●	●		TCGW33(0.5)-3N P00P07	CBST25S	9.525	4.4	4.76	0°	0.2	2.5
	TCGT160402-3N P05P07		●	●	●		TCGT33(0.5)-3N P05P07					5°	0.2	
	TCGT160402-3N P10P07		●	●	●		TCGT33(0.5)-3N P10P07					10°	0.2	
	TCGW160404-3N P00P07		●	●	●		TCGW33(0.5)-3N P00P07					0°	0.4	
	TCGT160404-3N P05P07		●	●	●		TCGT33(0.5)-3N P05P07					5°	0.4	
	TCGT160404-3N P10P07		●	●	●		TCGT33(0.5)-3N P10P07					10°	0.4	

Ejemplos: ISO: TCGW160402-1N P00P07CBST25S PD01E
ANSI: TCGW33(0.5)-1N P00P07CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

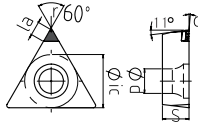
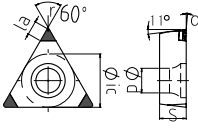
TC Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TCGW160408-1N P00P07	CBST25S	●	●	●		TCGW332-1N P00P07	CBST25S	9.525	4.4	4.76	0°	0.8	2.5
	TCGT160408-1N P05P07		●	●	●		TCGT332-1N P05P07					5°	0.8	
	TCGT160408-1N P10P07		●	●	●		TCGT332-1N P10P07					10°	0.8	
	TCGW160408-1N P00P07	SLST25S				●	TCGW332-1N P00P07	SLST25S	9.525	4.4	4.76	0°	0.8	2.5
	TCGT160408-1N P05P07					●	TCGT332-1N P05P07					5°	0.8	
	TCGT160408-1N P10P07					●	TCGT332-1N P10P07					10°	0.8	
	TCGW160408-3N P00P07	CBST25S	●	●	●		TCGW332-3N P00P07	CBST25S	9.525	4.4	4.76	0°	0.8	2.5
	TCGT160408-3N P05P07		●	●	●		TCGT332-3N P05P07					5°	0.8	
	TCGT160408-3N P10P07		●	●	●		TCGT332-3N P10P07					10°	0.8	

TP Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TPGW080202-1N P00P11	CBST25S	●	●	●		TPGW(1.5)(1.5)(0.5)-1N P00P11	CBST25S	4.76	2.4	2.38	0°	0.2	2.5
	TPGT080202-1N P05P11		●	●	●		TPGT(1.5)(1.5)(0.5)-1N P05P11					5°	0.2	
	TPGT080202-1N P10P11		●	●	●		TPGT(1.5)(1.5)(0.5)-1N P10P11					10°	0.2	
	TPGW080204-1N P00P11		●	●	●		TPGW(1.5)(1.5)1-1N P00P11					0°	0.4	
	TPGT080204-1N P05P11		●	●	●		TPGT(1.5)(1.5)1-1N P05P11					5°	0.4	
	TPGT080204-1N P10P11		●	●	●		TPGT(1.5)(1.5)1-1N P10P11					10°	0.4	
	TPGW080202-1N P00P11	SLST25S				●	TPGW(1.5)(1.5)(0.5)-1N P00P11	SLST25S	4.76	2.4	2.38	0°	0.2	2.5
	TPGT080202-1N P05P11					●	TPGT(1.5)(1.5)(0.5)-1N P05P11					5°	0.2	
	TPGT080202-1N P10P11					●	TPGT(1.5)(1.5)(0.5)-1N P10P11					10°	0.2	
	TPGW080204-1N P00P11					●	TPGW(1.5)(1.5)1-1N P00P11					0°	0.4	
	TPGT080204-1N P05P11					●	TPGT(1.5)(1.5)1-1N P05P11					5°	0.4	
	TPGT080204-1N P10P11					●	TPGT(1.5)(1.5)1-1N P10P11					10°	0.4	
	TPGW080202-3N P00P11	CBST25S	●	●	●		TPGW(1.5)(1.5)(0.5)-3N P00P11	CBST25S	4.76	2.4	2.38	0°	0.2	2.5
	TPGT080202-3N P05P11		●	●	●		TPGT(1.5)(1.5)(0.5)-3N P05P11					5°	0.2	
	TPGT080202-3N P10P11		●	●	●		TPGT(1.5)(1.5)(0.5)-3N P10P11					10°	0.2	
	TPGW080204-3N P00P11		●	●	●		TPGW(1.5)(1.5)1-3N P00P11					0°	0.4	
	TPGT080204-3N P05P11		●	●	●		TPGT(1.5)(1.5)1-3N P05P11					5°	0.4	
	TPGT080204-3N P10P11		●	●	●		TPGT(1.5)(1.5)1-3N P10P11					10°	0.4	

Ejemplos: ISO: TPGW080202-1N P00P11CBST25S PD01E

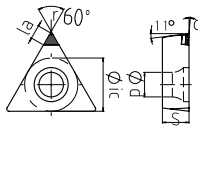
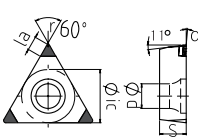
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Especificaciones del inserto PCD / CVDD estándar

TP

Insertos Positivos 60° PCD

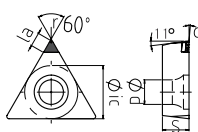
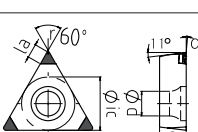


Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TPGW080208-1N P00P11	CBST25S	●	●	●		TPGW(1.5)(1.5)2-1N P00P11	CBST25S	4.76	2.4	2.38	0°	0.8	2.5
	TPGT080208-1N P05P11		●	●	●		TPGT(1.5)(1.5)2-1N P05P11					5°	0.8	
	TPGT080208-1N P10P11		●	●	●		TPGT(1.5)(1.5)2-1N P10P11					10°	0.8	
	TPGW080208-1N P00P11	SLST25S				●	TPGW(1.5)(1.5)2-1N P00P11	SLST25S	4.76	2.4	2.38	0°	0.8	2.5
TPGT080208-1N P05P11					●	TPGT(1.5)(1.5)2-1N P05P11	5°					0.8		
TPGT080208-1N P10P11					●	TPGT(1.5)(1.5)2-1N P10P11	10°					0.8		
	TPGW080208-3N P00P11	CBST25S	●	●	●		TPGW(1.5)(1.5)2-3N P00P11	CBST25S	4.76	2.4	2.38	0°	0.8	2.5
	TPGT080208-3N P05P11		●	●	●		TPGT(1.5)(1.5)2-3N P05P11					5°	0.8	
	TPGT080208-3N P10P11		●	●	●		TPGT(1.5)(1.5)2-3N P10P11					10°	0.8	

TP

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TPGW110302-1N P00P11	CBST25S	●	●	●		TPGW22(0.5)-1N P00P11	CBST25S	6.35	3.3	3.18	0°	0.2	2.5
	TPGT110302-1N P05P11		●	●	●		TPGT22(0.5)-1N P05P11					5°	0.2	
	TPGT110302-1N P10P11		●	●	●		TPGT22(0.5)-1N P10P11					10°	0.2	
	TPGW110304-1N P00P11		●	●	●		TPGW221-1N P00P11					0°	0.4	
	TPGT110304-1N P05P11		●	●	●		TPGT221-1N P05P11					5°	0.4	
	TPGT110304-1N P10P11		●	●	●		TPGT221-1N P10P11					10°	0.4	
	TPGW110302-1N P00P11	SLST25S				●	TPGW22(0.5)-1N P00P11	SLST25S	6.35	3.3	3.18	0°	0.2	2.5
	TPGT110302-1N P05P11					●	TPGT22(0.5)-1N P05P11					5°	0.2	
	TPGT110302-1N P10P11					●	TPGT22(0.5)-1N P10P11					10°	0.2	
	TPGW110304-1N P00P11					●	TPGW221-1N P00P11					0°	0.4	
TPGT110304-1N P05P11					●	TPGT221-1N P05P11	5°					0.4		
TPGT110304-1N P10P11					●	TPGT221-1N P10P11	10°					0.4		
	TPGW110302-3N P00P11	CBST25S	●	●	●		TPGW22(0.5)-3N P00P11	CBST25S	6.35	3.3	3.18	0°	0.2	2.5
	TPGT110302-3N P05P11		●	●	●		TPGT22(0.5)-3N P05P11					5°	0.2	
	TPGT110302-3N P10P11		●	●	●		TPGT22(0.5)-3N P10P11					10°	0.2	
	TPGW110304-3N P00P11		●	●	●		TPGW221-3N P00P11					0°	0.4	
	TPGT110304-3N P05P11		●	●	●		TPGT221-3N P05P11					5°	0.4	
	TPGT110304-3N P10P11		●	●	●		TPGT221-3N P10P11					10°	0.4	

Ejemplos: ISO: TPGW110302-1N P00P11CBST25S PD01E

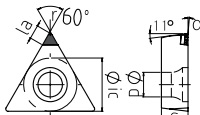
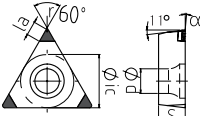
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Especificaciones del inserto PCD / CVDD estándar

TP

Insertos Positivos 60° PCD

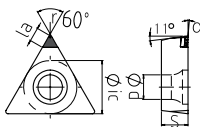
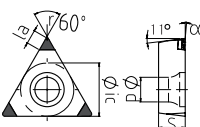


Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	TPGW110308-1N P00P11	CBST25S	●	●	●		TPGW222-1N P00P11	CBST25S	6.35	3.3	3.18	0°	0.8	2.5
	TPGT110308-1N P05P11		●	●	●		TPGT222-1N P05P11					5°	0.8	
	TPGT110308-1N P10P11		●	●		TPGT222-1N P10P11	10°					0.8		
	TPGW110308-1N P00P11	SLST25S				●	TPGW222-1N P00P11	SLST25S	6.35	3.3	3.18	0°	0.8	2.5
	TPGT110308-1N P05P11					●	TPGT222-1N P05P11					5°	0.8	
	TPGT110308-1N P10P11					●	TPGT222-1N P10P11					10°	0.8	
	TPGW110308-3N P00P11	CBST25S	●	●	●		TPGW222-3N P00P11	CBST25S	6.35	3.3	3.18	0°	0.8	2.5
	TPGT110308-3N P05P11		●	●	●		TPGT222-3N P05P11					5°	0.8	
	TPGT110308-3N P10P11		●	●		TPGT222-3N P10P11	10°					0.8		

TP

Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TPGW160302-1N P00P11	CBST25S	●	●	●		TPGW32(0.5)-1N P00P11	CBST25S	9.525	4.4	3.18	0°	0.2	2.5
	TPGT160302-1N P05P11		●	●	●		TPGT32(0.5)-1N P05P11					5°	0.2	
	TPGT160302-1N P10P11		●	●	●		TPGT32(0.5)-1N P10P11					10°	0.2	
	TPGW160304-1N P00P11		●	●	●		TPGW321-1N P00P11					0°	0.4	
	TPGT160304-1N P05P11		●	●	●		TPGT321-1N P05P11					5°	0.4	
	TPGT160304-1N P10P11		●	●	●		TPGT321-1N P10P11					10°	0.4	
	TPGW160302-1N P00P11	SLST25S				●	TPGW32(0.5)-1N P00P11	SLST25S	9.525	4.4	3.18	0°	0.2	2.5
	TPGT160302-1N P05P11					●	TPGT32(0.5)-1N P05P11					5°	0.2	
	TPGT160302-1N P10P11					●	TPGT32(0.5)-1N P10P11					10°	0.2	
	TPGW160304-1N P00P11					●	TPGW321-1N P00P11					0°	0.4	
TPGT160304-1N P05P11					●	TPGT321-1N P05P11	5°					0.4		
TPGT160304-1N P10P11					●	TPGT321-1N P10P11	10°					0.4		
	TPGW160302-3N P00P11	CBST25S	●	●	●		TPGW32(0.5)-3N P00P11	CBST25S	9.525	4.4	3.18	0°	0.2	2.5
	TPGT160302-3N P05P11		●	●	●		TPGT32(0.5)-3N P05P11					5°	0.2	
	TPGT160302-3N P10P11		●	●	●		TPGT32(0.5)-3N P10P11					10°	0.2	
	TPGW160304-3N P00P11		●	●	●		TPGW321-3N P00P11					0°	0.4	
	TPGT160304-3N P05P11		●	●	●		TPGT321-3N P05P11					5°	0.4	
	TPGT160304-3N P10P11		●	●	●		TPGT321-3N P10P11					10°	0.4	

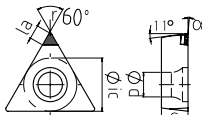
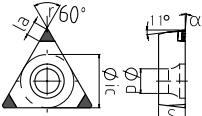
Ejemplos: ISO: TPGW160302-1N P00P11CBST25S PD01E

ANSI: TPGW32(0.5)-1N P00P11CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

TP Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD32E	CVDD			ic	ød	s	α	r	la
	TPGW160308-1N P00P11	CBST25S	●	●	●	TPGW322-1N P00P11	CBST25S	9.525	4.4	3.18	0°	0.8	2.5
	TPGT160308-1N P05P11		●	●	●	TPGT322-1N P05P11					5°	0.8	
	TPGT160308-1N P10P11		●	●	●	TPGT322-1N P10P11					10°	0.8	
		TPGW160308-1N P00P11	SLST25S			●	TPGW322-1N P00P11	SLST25S	9.525	4.4	3.18	0°	0.8
	TPGT160308-1N P05P11				●	TPGT322-1N P05P11	5°					0.8	
	TPGT160308-1N P10P11				●	TPGT322-1N P10P11	10°					0.8	
	TPGW160308-3N P00P11	CBST25S	●	●	●	TPGW322-3N P00P11	CBST25S	9.525	4.4	3.18	0°	0.8	2.5
	TPGT160308-3N P05P11		●	●	●	TPGT322-3N P05P11					5°	0.8	
	TPGT160308-3N P10P11		●	●	●	TPGT322-3N P10P11					10°	0.8	

TP Insertos Positivos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TPGW160402-1N P00P11	CBST25S	●	●	●		TPGW33(0.5)-1N P00P11	CBST25S	9.525	4.4	4.76	0°	0.2	2.5
	TPGT160402-1N P05P11		●	●	●		TPGT33(0.5)-1N P05P11					5°	0.2	
	TPGT160402-1N P10P11		●	●	●		TPGT33(0.5)-1N P10P11					10°	0.2	
	TPGW160404-1N P00P11		●	●	●		TPGW331-1N P00P11					0°	0.4	
	TPGT160404-1N P05P11		●	●	●		TPGT331-1N P05P11					5°	0.4	
	TPGT160404-1N P10P11		●	●	●		TPGT331-1N P10P11					10°	0.4	
	TPGW160402-1N P00P11	SLST25S				●	TPGW33(0.5)-1N P00P11	SLST25S	9.525	4.4	4.76	0°	0.2	2.5
	TPGT160402-1N P05P11					●	TPGT33(0.5)-1N P05P11					5°	0.2	
	TPGT160402-1N P10P11					●	TPGT33(0.5)-1N P10P11					10°	0.2	
	TPGW160404-1N P00P11					●	TPGW331-1N P00P11					0°	0.4	
TPGT160404-1N P05P11					●	TPGT331-1N P05P11	5°					0.4		
TPGT160404-1N P10P11					●	TPGT331-1N P10P11	10°					0.4		
	TPGW160402-3N P00P11	CBST25S	●	●	●		TPGW33(0.5)-3N P00P11	CBST25S	9.525	4.4	4.76	0°	0.2	2.5
	TPGT160402-3N P05P11		●	●	●		TPGT33(0.5)-3N P05P11					5°	0.2	
	TPGT160402-3N P10P11		●	●	●		TPGT33(0.5)-3N P10P11					10°	0.2	
	TPGW160404-3N P00P11		●	●	●		TPGW331-3N P00P11					0°	0.4	
	TPGT160404-3N P05P11		●	●	●		TPGT331-3N P05P11					5°	0.4	
	TPGT160404-3N P10P11		●	●	●		TPGT331-3N P10P11					10°	0.4	

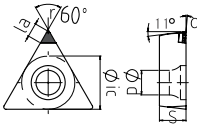
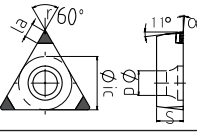
Ejemplos: ISO: TPGW160402-1N P00P11CBST25S PD01E
ANSI: TPGW33(0.5)-1N P00P11CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

TP

Insertos Positivos 60° PCD

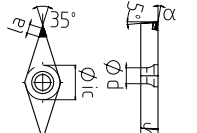
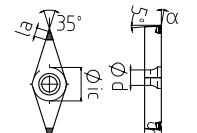


Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TPGW160408-1N P00P11	CBST25S	●	●	●		TPGW332-1N P00P11	CBST25S	9.525	4.4	4.76	0°	0.8	2.5
	TPGT160408-1N P05P11		●	●	●		TPGT332-1N P05P11					5°	0.8	
	TPGT160408-1N P10P11		●	●	●		TPGT332-1N P10P11					10°	0.8	
		SLST25S				●	TPGW332-1N P00P11	SLST25S	9.525	4.4	4.76	0°	0.8	2.5
	TPGT160408-1N P05P11					●	TPGT332-1N P05P11					5°	0.8	
	TPGT160408-1N P10P11					●	TPGT332-1N P10P11					10°	0.8	
	TPGW160408-3N P00P11	CBST25S	●	●	●		TPGW332-3N P00P11	CBST25S	9.525	4.4	4.76	0°	0.8	2.5
	TPGT160408-3N P05P11		●	●	●		TPGT332-3N P05P11					5°	0.8	
	TPGT160408-3N P10P11		●	●	●		TPGT332-3N P10P11					10°	0.8	

VB

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	VBGW110302-1N P00P05	CBST30S	●	●	●		VBGW22(0.5)-1N P00P05	CBST30S	6.35	2.8	3.18	0°	0.2	3.0
	VBGT110302-1N P05P05		●	●	●		VBGT22(0.5)-1N P05P05					5°	0.2	
	VBGT110302-1N P10P05		●	●	●		VBGT22(0.5)-1N P10P05					10°	0.2	
	VBGW110304-1N P00P05		●	●	●		VBGW221-1N P00P05					0°	0.4	
	VBGT110304-1N P05P05		●	●	●		VBGT221-1N P05P05					5°	0.4	
	VBGT110304-1N P10P05		●	●	●		VBGT221-1N P10P05					10°	0.4	
	VBGW110302-1N P00P05	SLST30S				●	VBGW22(0.5)-1N P00P05	SLST30S	6.35	2.8	3.18	0°	0.2	3.0
	VBGT110302-1N P05P05					●	VBGT22(0.5)-1N P05P05					5°	0.2	
	VBGT110302-1N P10P05					●	VBGT22(0.5)-1N P10P05					10°	0.2	
	VBGW110304-1N P00P05					●	VBGW221-1N P00P05					0°	0.4	
	VBGT110304-1N P05P05					●	VBGT221-1N P05P05					5°	0.4	
	VBGT110304-1N P10P05					●	VBGT221-1N P10P05					10°	0.4	
	VBGW110302-2N P00P05	CBST30S	●	●	●		VBGW22(0.5)-3N P00P05	CBST30S	6.35	2.8	3.18	0°	0.2	3.0
	VBGT110302-2N P05P05		●	●	●		VBGT22(0.5)-3N P05P05					5°	0.2	
	VBGT110302-2N P10P05		●	●	●		VBGT22(0.5)-3N P10P05					10°	0.2	
	VBGW110304-2N P00P05		●	●	●		VBGW221-3N P00P05					0°	0.4	
	VBGT110304-2N P05P05		●	●	●		VBGT221-3N P05P05					5°	0.4	
	VBGT110304-2N P10P05		●	●	●		VBGT221-3N P10P05					10°	0.4	

Ejemplos: ISO: VBGW110302-1N P00P05CBST30S PD01E

ANSI: VBGW22(0.5)-1N P00P05CBST30S PD01E

Especificaciones del inserto PCD / CVDD estándar

VB

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD32E	CVDD			ic	ød	s	α	r	la	
	VBGW110308-1N P00P05	CBST30S	●	●	●	VBGW222-1N P00P05	CBST30S	6.35	2.8	3.18	0°	0.8	3.0	
	VBGT110308-1N P05P05		●	●	●	VBGT222-1N P05P05					5°	0.8		
	VBGT110308-1N P10P05		●	●	●	VBGT222-1N P10P05					10°	0.8		
	VBGW110308-1N P00P05	SLST30S			●	VBGW222-1N P00P05	SLST30S	6.35	2.8	3.18	0°	0.8	3.0	
	VBGT110308-1N P05P05				●	VBGT222-1N P05P05					5°	0.8		
	VBGT110308-1N P10P05				●	VBGT222-1N P10P05					10°	0.8		
		VBGW110308-2N P00P05	CBST30S	●	●	●	VBGW222-3N P00P05	CBST30S	6.35	2.8	3.18	0°	0.8	3.0
		VBGT110308-2N P05P05		●	●	●	VBGT222-3N P05P05					5°	0.8	
		VBGT110308-2N P10P05		●	●	●	VBGT222-3N P10P05					10°	0.8	

VB

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	VBGW160402-1N P00P05	CBST30S	●	●	●		VBGW33(0.5)-1N P00P05	CBST30S	9.525	4.4	4.76	0°	0.2	3.0
	VBGT160402-1N P05P05		●	●	●		VBGT33(0.5)-1N P05P05					5°	0.2	
	VBGT160402-1N P10P05		●	●	●		VBGT33(0.5)-1N P10P05					10°	0.2	
	VBGW160404-1N P00P05		●	●	●		VBGW331-1N P00P05					0°	0.4	
	VBGT160404-1N P05P05		●	●	●		VBGT331-1N P05P05					5°	0.4	
	VBGT160404-1N P10P05		●	●	●		VBGT331-1N P10P05					10°	0.4	
	VBGW160402-1N P00P05	SLST30S				●	VBGW33(0.5)-1N P00P05	SLST30S	9.525	4.4	4.76	0°	0.2	3.0
	VBGT160402-1N P05P05					●	VBGT33(0.5)-1N P05P05					5°	0.2	
	VBGT160402-1N P10P05					●	VBGT33(0.5)-1N P10P05					10°	0.2	
	VBGW160404-1N P00P05					●	VBGW331-1N P00P05					0°	0.4	
VBGT160404-1N P05P05					●	VBGT331-1N P05P05	5°					0.4		
VBGT160404-1N P10P05					●	VBGT331-1N P10P05	10°					0.4		
	VBGW160402-2N P00P05	CBST30S	●	●	●		VBGW33(0.5)-2N P00P05	CBST30S	9.525	4.4	4.76	0°	0.2	3.0
	VBGT160402-2N P05P05		●	●	●		VBGT33(0.5)-2N P05P05					5°	0.2	
	VBGT160402-2N P10P05		●	●	●		VBGT33(0.5)-2N P10P05					10°	0.2	
	VBGW160404-2N P00P05		●	●	●		VBGW331-2N P00P05					0°	0.4	
	VBGT160404-2N P05P05		●	●	●		VBGT331-2N P05P05					5°	0.4	
	VBGT160404-2N P10P05		●	●	●		VBGT331-2N P10P05					10°	0.4	

Ejemplos: ISO: VBGW160402-1N P00P05CBST30S PD01E

ANSI: VBGW33(0.5)-1N P00P05CBST30S PD01E

Especificaciones del inserto PCD / CVDD estándar

VB

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la	
	VBGW160408-1N P00P05	CBST30S	●	●	●		VBGW332-1N P00P05	CBST30S	9.525	4.4	4.76	0°	0.8	3.0	
	VBGT160408-1N P05P05		●	●	●		VBGT332-1N P05P05					5°	0.8		
	VBGT160408-1N P10P05		●	●	●		VBGT332-1N P10P05					10°	0.8		
	VBGW160408-1N P00P05	SLST30S				●	VBGW332-1N P00P05	SLST30S	9.525	4.4	4.76	0°	0.8	3.0	
	VBGT160408-1N P05P05					●	VBGT332-1N P05P05					5°	0.8		
	VBGT160408-1N P10P05					●	VBGT332-1N P10P05					10°	0.8		
		VBGW160408-2N P00P05	CBST30S	●	●	●		VBGW332-2N P00P05	CBST30S	9.525	4.4	4.76	0°	0.8	3.0
		VBGT160408-2N P05P05		●	●	●		VBGT332-2N P05P05					5°	0.8	
VBGT160408-2N P10P05		●		●	●		VBGT332-2N P10P05	10°					0.8		

VC

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm							
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α			r	la
	VCGW110302-1N P00P07	CBST30S	●	●	●		VCGW22(0.5)-1N P00P07	CBST30S	6.35	2.8	3.18	0°	0.2	3.0		
	VCGT110302-1N P05P07		●	●	●		VCGT22(0.5)-1N P05P07					5°	0.2			
	VCGT110302-1N P10P07		●	●	●		VCGT22(0.5)-1N P10P07					10°	0.2			
	VCGW110304-1N P00P07		●	●	●		VCGW221-1N P00P07					0°	0.4			
	VCGT110304-1N P05P07		●	●	●		VCGT221-1N P05P07					5°	0.4			
	VCGT110304-1N P10P07		●	●	●		VCGT221-1N P10P07					10°	0.4			
	VCGW110302-1N P00P07	SLST30S				●	VCGW22(0.5)-1N P00P07	SLST30S	6.35	2.8	3.18	0°	0.2	3.0		
	VCGT110302-1N P05P07					●	VCGT22(0.5)-1N P05P07					5°	0.2			
	VCGT110302-1N P10P07					●	VCGT22(0.5)-1N P10P07					10°	0.2			
	VCGW110304-1N P00P07					●	VCGW221-1N P00P07					0°	0.4			
	VCGT110304-1N P05P07					●	VCGT221-1N P05P07					5°	0.4			
	VCGT110304-1N P10P07					●	VCGT221-1N P10P07					10°	0.4			
	VCGW110302-2N P00P07	CBST30S	●	●	●		VCGW22(0.5)-2N P00P07	CBST30S	6.35	2.8	3.18	0°	0.2	3.0		
	VCGT110302-2N P05P07		●	●	●		VCGT22(0.5)-2N P05P07					5°	0.2			
	VCGT110302-2N P10P07		●	●	●		VCGT22(0.5)-2N P10P07					10°	0.2			
	VCGW110304-2N P00P07		●	●	●		VCGW221-2N P00P07					0°	0.4			
	VCGT110304-2N P05P07		●	●	●		VCGT221-2N P05P07					5°	0.4			
	VCGT110304-2N P10P07		●	●	●		VCGT221-2N P10P07					10°	0.4			

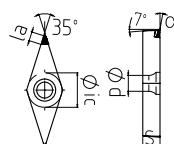
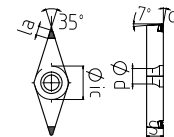
Ejemplos: ISO: VCGW110302-1N P00P07CBST30S PD01E
ANSI: VCGW22(0.5)-1N P00P07CBST30S PD01E

Especificaciones del inserto PCD / CVDD estándar

VC

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la	
	VCGW110308-1N P00P07	CBST30S	●	●	●		VCGW222-1N P00P07	CBST30S	6.35	2.8	3.18	0°	0.8	3.0	
	VCGT110308-1N P05P07		●	●	●		VCGT222-1N P05P07					5°	0.8		
	VCGT110308-1N P10P07		●	●	●		VCGT222-1N P10P07					10°	0.8		
	VCGW110308-1N P00P07	SLST30S				●	VCGW222-1N P00P07	SLST30S	6.35	2.8	3.18	0°	0.8	3.0	
	VCGT110308-1N P05P07					●	VCGT222-1N P05P07					5°	0.8		
	VCGT110308-1N P10P07					●	VCGT222-1N P10P07					10°	0.8		
		VCGW110308-2N P00P07	CBST30S	●	●	●		VCGW222-2N P00P07	CBST30S	6.35	2.8	3.18	0°	0.8	3.0
		VCGT110308-2N P05P07		●	●	●		VCGT222-2N P05P07					5°	0.8	
		VCGT110308-2N P10P07		●	●	●		VCGT222-2N P10P07					10°	0.8	

VC

Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	VCGW160402-1N P00P07	CBST30S	●	●	●		VCGW33(0.5)-1N P00P07	CBST30S	9.525	4.4	4.76	0°	0.2	3.0
	VCGT160402-1N P05P07		●	●	●		VCGT33(0.5)-1N P05P07					5°	0.2	
	VCGT160402-1N P10P07		●	●	●		VCGT33(0.5)-1N P10P07					10°	0.2	
	VCGW160404-1N P00P07		●	●	●		VCGW331-1N P00P07					0°	0.4	
	VCGT160404-1N P05P07		●	●	●		VCGT331-1N P05P07					5°	0.4	
	VCGT160404-1N P10P07		●	●	●		VCGT331-1N P10P07					10°	0.4	
	VCGW160402-1N P00P07	SLST30S				●	VCGW33(0.5)-1N P00P07	SLST30S	9.525	4.4	4.76	0°	0.2	3.0
	VCGT160402-1N P05P07					●	VCGT33(0.5)-1N P05P07					5°	0.2	
	VCGT160402-1N P10P07					●	VCGT33(0.5)-1N P10P07					10°	0.2	
	VCGW160404-1N P00P07					●	VCGW331-1N P00P07					0°	0.4	
	VCGT160404-1N P05P07					●	VCGT331-1N P05P07					5°	0.4	
	VCGT160404-1N P10P07					●	VCGT331-1N P10P07					10°	0.4	
	VCGW160402-2N P00P07	CBST30S	●	●	●		VCGW33(0.5)-2N P00P07	CBST30S	9.525	4.4	4.76	0°	0.2	3.0
	VCGT160402-2N P05P07		●	●	●		VCGT33(0.5)-2N P05P07					5°	0.2	
	VCGT160402-2N P10P07		●	●	●		VCGT33(0.5)-2N P10P07					10°	0.2	
	VCGW160404-2N P00P07		●	●	●		VCGW331-2N P00P07					0°	0.4	
	VCGT160404-2N P05P07		●	●	●		VCGT331-2N P05P07					5°	0.4	
	VCGT160404-2N P10P07		●	●	●		VCGT331-2N P10P07					10°	0.4	

Ejemplos: ISO: VCGW160402-1N P00P07CBST30S PD01E

ANSI: VCGW33(0.5)-1N P00P07CBST30S PD01E

Especificaciones del inserto PCD / CVDD estándar

VC

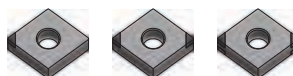
Insertos Positivos 35° PCD



Forma	ISO	Forma de la punta	N			ANSI	Forma de la punta	Dimensiones en mm						
			PD01E	PD10E	PD32E			CVDD	ic	ød	s	α	r	la
	VCGW160408-1N P00P07	CBST30S	●	●	●		VCGW332-1N P00P07	CBST30S	9.525	4.4	4.76	0°	0.8	3.0
	VCGT160408-1N P05P07		●	●	●		VCGT332-1N P05P07					5°	0.8	
	VCGT160408-1N P10P07		●	●	●		VCGT332-1N P10P07					10°	0.8	
	VCGW160408-1N P00P07	SLST30S				●	VCGW332-1N P00P07	SLST30S	9.525	4.4	4.76	0°	0.8	3.0
	VCGT160408-1N P05P07					●	VCGT332-1N P05P07					5°	0.8	
	VCGT160408-1N P10P07					●	VCGT332-1N P10P07					10°	0.8	
	VCGW160408-2N P00P07	CBST30S	●	●	●		VCGW332-2N P00P07	CBST30S	9.525	4.4	4.76	0°	0.8	3.0
	VCGT160408-2N P05P07		●	●	●		VCGT332-2N P05P07					5°	0.8	
	VCGT160408-2N P10P07		●	●	●		VCGT332-2N P10P07					10°	0.8	

CN

Insertos Negativos 80° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	CNGA120402-1N P00P00	CBST25S	●	●	●		CNGA43(0.5)-1N P00P00	CBST25S	12.7	5.16	4.76	0°	0.2	2.5
	CNGM120402-1N P10P00		●	●	●		CNGM43(0.5)-1N P10P00					10°	0.2	
	CNGA120404-1N P00P00		●	●	●		CNGA431-1N P00P00					0°	0.4	
	CNGM120404-1N P10P00		●	●	●		CNGM431-1N P10P00					10°	0.4	
	CNGA120408-1N P00P00		●	●	●		CNGA432-1N P00P00					0°	0.8	
	CNGM120408-1N P10P00		●	●	●		CNGM432-1N P10P00					10°	0.8	
	CNGA120402-1N P00P00	SLST25S				●	CNGA43(0.5)-1N P00P00	SLST25S	12.7	5.16	4.76	0°	0.2	2.5
	CNGM120402-1N P10P00					●	CNGM43(0.5)-1N P10P00					10°	0.2	
	CNGA120404-1N P00P00					●	CNGA431-1N P00P00					0°	0.4	
	CNGM120404-1N P10P00					●	CNGM431-1N P10P00					10°	0.4	
	CNGA120408-1N P00P00					●	CNGA432-1N P00P00					0°	0.8	
	CNGM120408-1N P10P00					●	CNGM432-1N P10P00					10°	0.8	
	CNGA120402-2N P00P00	CBST25S	●	●	●		CNGA43(0.5)-2N P00P00	CBST25S	12.7	5.16	4.76	0°	0.2	2.5
	CNGM120402-2N P10P00		●	●	●		CNGM43(0.5)-2N P10P00					10°	0.2	
	CNGA120404-2N P00P00		●	●	●		CNGA431-2N P00P00					0°	0.4	
	CNGM120404-2N P10P00		●	●	●		CNGM431-2N P10P00					10°	0.4	
	CNGA120408-2N P00P00		●	●	●		CNGA432-2N P00P00					0°	0.8	
	CNGM120408-2N P10P00		●	●	●		CNGM432-2N P10P00					10°	0.8	

Ejemplos: ISO: CNGA120402-1N P00P00CBST25S PD01E

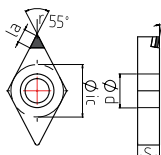
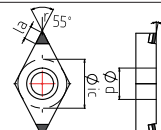
ANSI: CNGA43(0.5)-1N P00P00CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

DN

Insertos Negativos 55° PCD

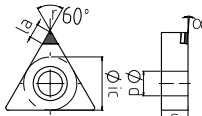
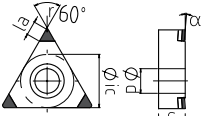


Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	C/VD			ic	ød	s	α	r	la
	DNGA150402-1N P00P00	CBST25S	●	●	●		DNGA43(0.5)-1N P00P00	CBST25S	12.7	5.16	4.76	0°	0.2	2.5
	DNGM150402-1N P10P00		●	●	●		DNGM43(0.5)-1N P10P00					10°	0.2	
	DNGA150404-1N P00P00		●	●	●		DNGA431-1N P00P00					0°	0.4	
	DNGM150404-1N P10P00		●	●	●		DNGM431-1N P10P00					10°	0.4	
	DNGA150408-1N P00P00		●	●	●		DNGA432-1N P00P00					0°	0.8	
	DNGM150408-1N P10P00		●	●	●		DNGM432-1N P10P00					10°	0.8	
	DNGA150402-1N P00P00	SLST25S				●	DNGA43(0.5)-1N P00P00	SLST25S	12.7	5.16	4.76	0°	0.2	2.5
	DNGM150402-1N P10P00					●	DNGM43(0.5)-1N P10P00					10°	0.2	
	DNGA150404-1N P00P00					●	DNGA431-1N P00P00					0°	0.4	
	DNGM150404-1N P10P00					●	DNGM431-1N P10P00					10°	0.4	
	DNGA150408-1N P00P00					●	DNGA432-1N P00P00					0°	0.8	
	DNGM150408-1N P10P00					●	DNGM432-1N P10P00					10°	0.8	
	DNGA150402-2N P00P00	CBST25S	●	●	●		DNGA43(0.5)-2N P00P00	CBST25S	12.7	5.16	4.76	0°	0.2	2.5
	DNGM150402-2N P10P00		●	●	●		DNGM43(0.5)-2N P10P00					10°	0.2	
	DNGA150404-2N P00P00		●	●	●		DNGA431-2N P00P00					0°	0.4	
	DNGM150404-2N P10P00		●	●	●		DNGM431-2N P10P00					10°	0.4	
	DNGA150408-2N P00P00		●	●	●		DNGA432-2N P00P00					0°	0.8	
	DNGM150408-2N P10P00		●	●	●		DNGM432-2N P10P00					10°	0.8	

TN

Insertos Negativos 60° PCD



Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	CVDD			ic	ød	s	α	r	la
	TNGA160402-1N P00P00	CBST25S	●	●	●		TNGA33(0.5)-1N P00P00	CBST25S	9.525	3.81	4.76	0°	0.2	2.5
	TNGM160402-1N P10P00		●	●	●		TNGM33(0.5)-1N P10P00					10°	0.2	
	TNGA160404-1N P00P00		●	●	●		TNGA331-1N P00P00					0°	0.4	
	TNGM160404-1N P10P00		●	●	●		TNGM331-1N P10P00					10°	0.4	
	TNGA160408-1N P00P00		●	●	●		TNGA332-1N P00P00					0°	0.8	
	TNGM160408-1N P10P00		●	●	●		TNGM332-1N P10P00					10°	0.8	
	TNGA160402-1N P00P00	SLST25S				●	TNGA33(0.5)-1N P00P00	SLST25S	9.525	3.81	4.76	0°	0.2	2.5
	TNGM160402-1N P10P00					●	TNGM33(0.5)-1N P10P00					10°	0.2	
	TNGA160404-1N P00P00					●	TNGA331-1N P00P00					0°	0.4	
	TNGM160404-1N P10P00					●	TNGM331-1N P10P00					10°	0.4	
	TNGA160408-1N P00P00					●	TNGA332-1N P00P00					0°	0.8	
	TNGM160408-1N P10P00					●	TNGM332-1N P10P00					10°	0.8	
	TNGA160402-3N P00P00	CBST25S	●	●	●		TNGA33(0.5)-3N P00P00	CBST25S	9.525	3.81	4.76	0°	0.2	2.5
	TNGM160402-3N P10P00		●	●	●		TNGM33(0.5)-3N P10P00					10°	0.2	
	TNGA160404-3N P00P00		●	●	●		TNGA331-3N P00P00					0°	0.4	
	TNGM160404-3N P10P00		●	●	●		TNGM331-3N P10P00					10°	0.4	
	TNGA160408-3N P00P00		●	●	●		TNGA332-3N P00P00					0°	0.8	
	TNGM160408-3N P10P00		●	●	●		TNGM332-3N P10P00					10°	0.8	

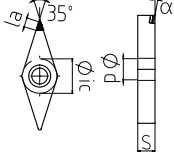
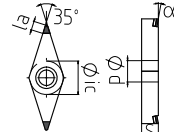
Ejemplos: ISO: TNGA160402-1N P00P00CBST25S PD01E

ANSI: TNGA33(0.5)-1N P00P00CBST25S PD01E

Especificaciones del inserto PCD / CVDD estándar

VN Insertos Negativos 35° PCD

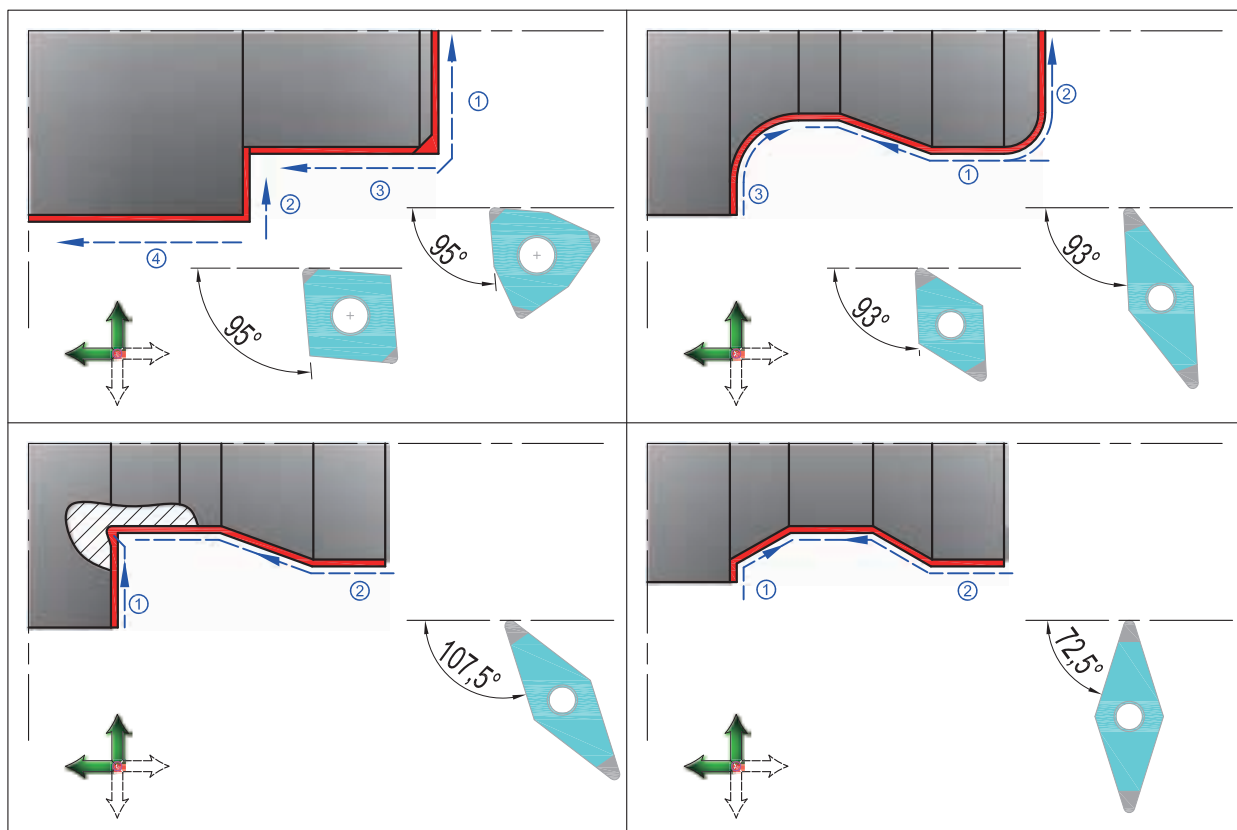


Forma	ISO	Forma de la punta	N				ANSI	Forma de la punta	Dimensiones en mm					
			PD01E	PD10E	PD32E	C/VD			ic	ød	s	α	r	la
	VNGA160402-1N P00P00	CBST30S	●	●	●		VNGA33(0.5)-1N P00P00	CBST30S	9.525	3.81	4.76	0°	0.2	3.0
	VNGM160402-1N P10P00		●	●	●		VNGM33(0.5)-1N P10P00					10°	0.2	
	VNGA160404-1N P00P00		●	●	●		VNGA331-1N P00P00					0°	0.4	
	VNGM160404-1N P10P00		●	●	●		VNGM33431-1N P10P00					10°	0.4	
	VNGA160408-1N P00P00		●	●	●		VNGA332-1N P00P00					0°	0.8	
	VNGM160408-1N P10P00		●	●	●		VNGM332-1N P10P00					10°	0.8	
	VNGA160402-1N P00P00	SLST30S				●	VNGA33(0.5)-1N P00P00	SLST30S	9.525	3.81	4.76	0°	0.2	3.0
	VNGM160402-1N P10P00					●	VNGM33(0.5)-1N P10P00					10°	0.2	
	VNGA160404-1N P00P00					●	VNGA331-1N P00P00					0°	0.4	
	VNGM160404-1N P10P00					●	VNGM331-1N P10P00					10°	0.4	
	VNGA160408-1N P00P00					●	VNGA332-1N P00P00					0°	0.8	
	VNGM160408-1N P10P00					●	VNGM332-1N P10P00					10°	0.8	
	VNGA160402-2N P00P00	CBST30S	●	●	●		VNGA33(0.5)-2N P00P00	CBST30S	9.525	3.81	4.76	0°	0.2	3.0
	VNGM160402-2N P10P00		●	●	●		VNGM33(0.5)-2N P10P00					10°	0.2	
	VNGA160404-2N P00P00		●	●	●		VNGA331-2N P00P00					0°	0.4	
	VNGM160404-2N P10P00		●	●	●		VNGM331-2N P10P00					10°	0.4	
	VNGA160408-2N P00P00		●	●	●		VNGA332-2N P00P00					0°	0.8	
	VNGM160408-2N P10P00		●	●	●		VNGM332-2N P10P00					10°	0.8	

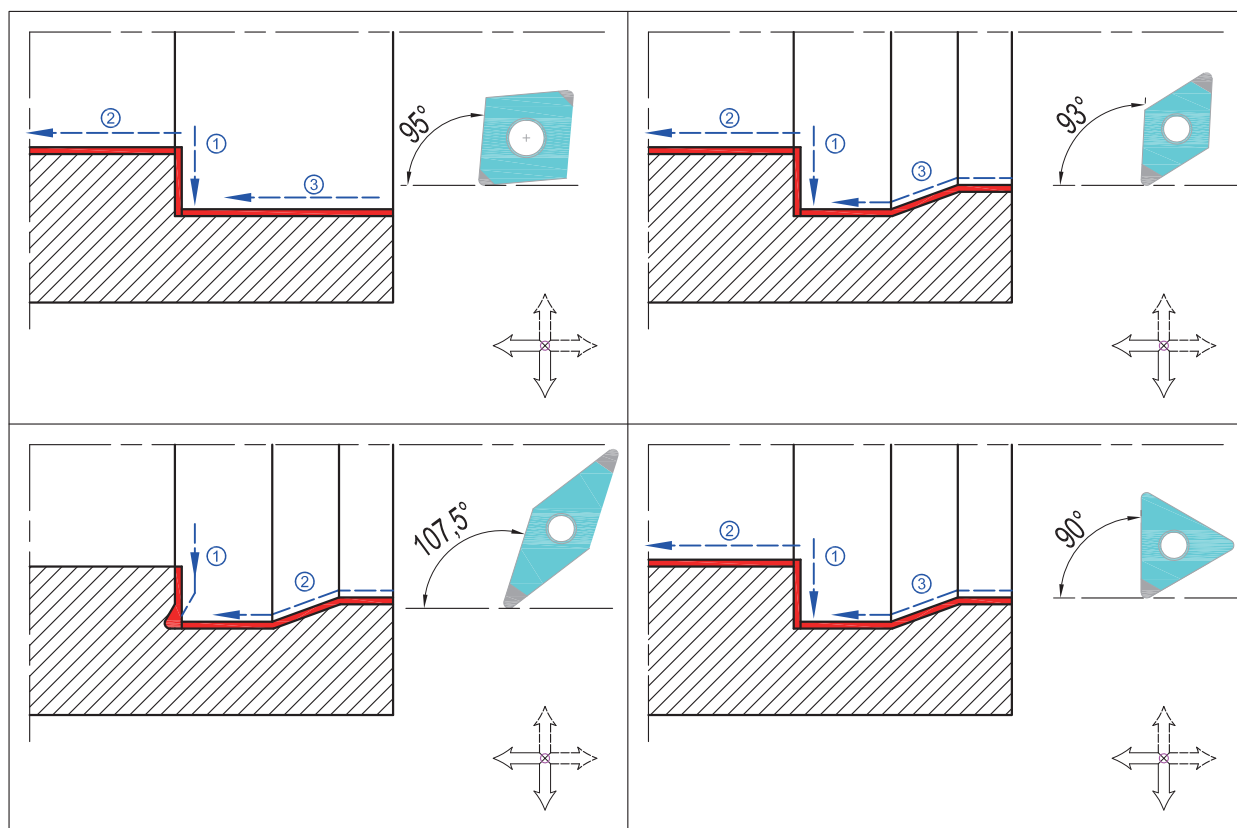
Ejemplos: ISO: VNGA160402-1N P00P00CBST30S PD01E
ANSI: VNGA33(0.5)-1N P00P00CBST30S PD01E

Recomendación de Dirección de Corte

■ Maquinado externo



■ Maquinado externo



Catálogos de Herramientas de Corte Worldia

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01-8
Inserto PCBN Recubierto
para Acero Templado



02-8
Insertos PCBN para
Acero Templado



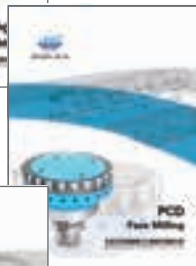
03-8
Insertos PCBN para Hierro Fundido



04-8
Insertos PCBN para el
Maquinado de la Pulvimetalurgia



05-8
Fresado de Superficies PCBN



06-8
Fresado de
Superficies PCD



07-8
Insertos PCD/CVDD



08-8
Herramientas Especiales
PCD para Autopartes





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www.worldia-tools.com

Tel: +86-10-58411388 Fax: +86-10-58411388 ext 8131

Dirección Oficina: H-03, 5F, Edificio M7, No. 1 Jiuxianqiao East Road, Distrito Chaoyang, Beijing, China

Dirección Fábrica: No. 2 Industry Road, Dachang Chaobaihe Industrial Park,

Langfang City, Provincia de Hebei 065300, China

E-mail: info@worldia-tools.com

