

Nueva calidad con recubrimiento CVD para torneado de acero a alta velocidad

UE6105

LP/RP
Rompevirutas
en expansión

Innovadora tecnología para torneado de acero a alta velocidad.

La tecnología '2 en 1' del recubrimiento, asegura la prolongación de la vida útil de la herramienta.



Nueva calidad con recubrimiento CVD para torneado de acero a alta velocidad

UE6105

Características

Excelente rendimiento del mecanizado gracias a la tecnología '2 en 1'.

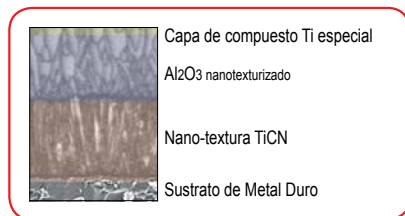
Elevada resistencia al desgaste

El recubrimiento de oro y Ti en la cara inclinada muestra una elevada resistencia al desgaste. También mejora la resistencia al desgaste de la nanotextura del Al₂O₃.

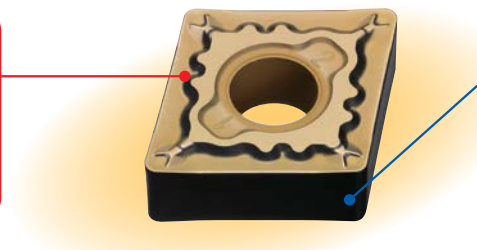
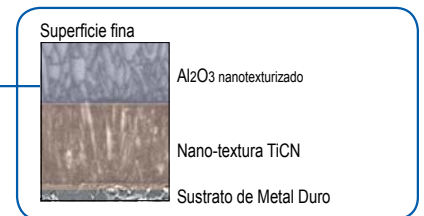
Elevada resistencia al desgaste de la cara de incidencia

El recubrimiento de color negro de la cara de incidencia tiene una superficie altamente fina, lo que impide tanto el desgaste anormal como el astillado, dando lugar a unos mejores acabados de la superficie y a una vida estable de la herramienta.

Estructura del recubrimiento en la cara inclinada



Estructura del recubrimiento en la cara de incidencia



Excelente resistencia al desgaste en mecanizado en seco a alta velocidad.

Rompevirutas UE6105-MA	Competencia
Velocidad de corte: 350m/min	Velocidad de corte: 300m/min
Tiempo de corte: 4 min 	Tiempo de corte: 4 min Desgaste elevado Desgaste elevado de la cara de incidencia

<Condiciones de corte>

Placa: CNMG120408-

Herramienta: PCLNL2525M12

Avance: 0,3mm/rev

Profundidad de corte: 1,5mm

Refrigerante: Corte seco

Corte continuo exterior

indica tipos de rompevirutas de uso general de las respectivas marcas.

Recubrimiento de última generación con tecnología '2 en 1'.

1 Al₂O₃ nanotexturizado resistente al desgaste

Permite mecanizado de alta velocidad y alta eficiencia gracias a la capa más gruesa de Al₂O₃.

Comparación de la estructura Al₂O₃

Al₂O₃ convencional



Al₂O₃ nanotexturizado

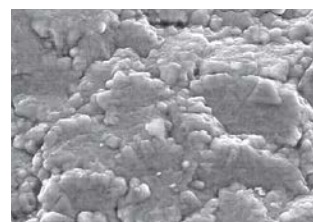


2 Recubrimiento negro súper fino

Pueden obtenerse mejores acabados de la superficie y una vida útil de la herramienta estable gracias a la utilización del recubrimiento negro súper fino. Este recubrimiento limita el desgaste y el astillado.

Comparación de la superficie de recubrimiento

Recubrimiento convencional



Recubrimiento negro súper fino



Área de aplicación y condiciones de corte recomendadas

UE6105 es la recomendación número uno para torneado de acero de alta velocidad. Adecuado para torneado de aceros dulces, aceros al carbono y aleaciones de acero.

Rango de aplicaciones	
ISO	Acero
P01	UE6105
P10	UE6110
P20	MC6025
P30	UE6020
P40	SE6035
	UH6400

CONDICIONES DE CORTE RECOMENDADAS

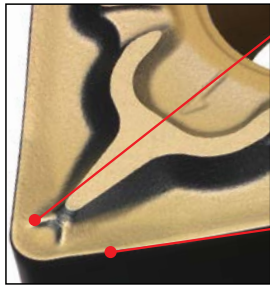
Placas negativas (herramientas de torneado exterior)

Material	Dureza	Modo de corte		Rompevirutas	Velocidad de corte (m/min)	Avance (mm/rev.)	Profundidad de corte (mm)
P Acero al carbono, Acero aleado (Ck45, 42CrMo4)	180—280HB	Corte estable	Corte ligero	LP	220—405	0.10—0.40	0.30—2.00
		Corte estable	Corte medio	MP	200—370	0.16—0.50	0.30—4.00
		Corte estable	Corte pesado	RP	190—350	0.25—0.60	1.50—6.00

Ampliación nuevos rompevirutas

NEW

Rompevirutas **LP** para corte ligero



Relieve en forma de mariposa optimizada para distintas condiciones de corte.

Las virutas se ondulan hacia arriba y la resistencia de corte se reduce, dando lugar a un mejor acabado de la superficie. El relieve del rompevirutas es muy resistente al desgaste incluso durante el mecanizado a alta velocidad, ofreciendo un rendimiento óptimo durante largos periodos de tiempo.

Un destacado mecanizado para el copiado

El filo puntiagudo ofrece una excelente rotura de virutas durante el mecanizado de copiado y el mecanizado frontal inverso.

Radio de punta

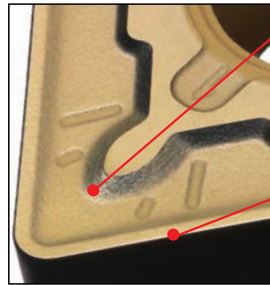
0.1
15°

Carra de incidencia

0.2
11°

NEW

Rompevirutas **RP** para corte pesado



Protuberancia peninsular optimizado para corte rugoso.

Para una rotura eficaz de virutas en una amplia gama de aplicaciones de torneado rugoso. La cara de corte de inclinación gradual impide la obstrucción y reduce el desgaste.

Excelente resistencia a la rotura

El corte cuenta con un rompevirutas ancho para reducir obstrucciones y roturas durante el biselado.

Radio de punta

0.33
3°

Carra de incidencia

0.33

Clasificación de calidades y rompevirutas de torneado.

P Acero al carbono, Acero aleado
PLACAS NEGATIVAS

Corte de acabado	Corte ligero	Corte medio	Corte pesado	Corte fuerte
FH AP25N	LP UE6105	MP UE6105	RP UE6105	HX UE6110
FH MP3025	LP UE6110	MP UE6110	RP UE6110	HX UE6020
FH UE6110	LP MC6025	MP MC6025	RP MC6025	HX UH6400

CONDICIONES DE CORTE

●	Corte Estable
	Corte continuo Profundidad de corte constante Pre-mecanizado Componentes bien sujetos
◐	Corte general
⊕	Corte Inestable
	Corte pesado interrumpido Profundidad de corte irregular Baja rigidez de sujeción

ÁREA DE CORTE

F	Corte de acabado
L	Corte ligero
M	Corte medio
R	Corte pesado
H	Corte fuerte

Placas

Placas negativas (con agujero)


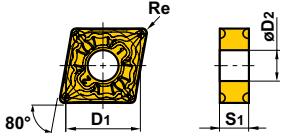

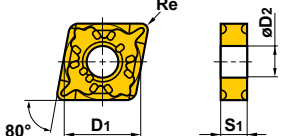

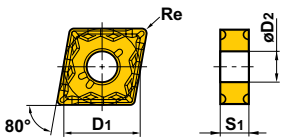

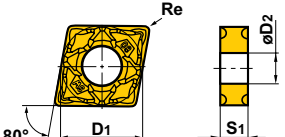

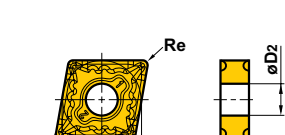

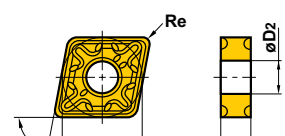

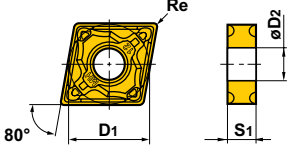

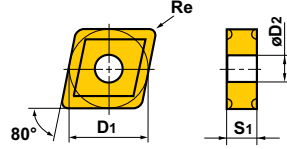

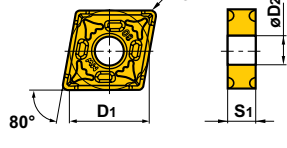

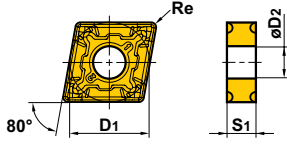

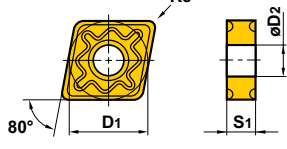

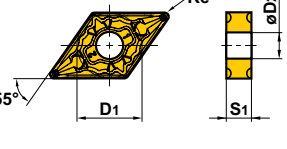
Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte ligero	CNMG120404-LP	●	12.7	4.76	0.4	5.16	
	120408-LP	●	12.7	4.76	0.8	5.16	
	120412-LP	●	12.7	4.76	1.2	5.16	
 Corte ligero	CNMG120404-SH	●	12.7	4.76	0.4	5.16	
	120408-SH	●	12.7	4.76	0.8	5.16	
	120412-SH	●	12.7	4.76	1.2	5.16	
 Corte ligero	CNMG120404-SA	●	12.7	4.76	0.4	5.16	
	120408-SA	●	12.7	4.76	0.8	5.16	
	120412-SA	●	12.7	4.76	1.2	5.16	
 Corte ligero (Wiper)	CNMG120404-SW	●	12.7	4.76	0.4	5.16	
	120408-SW	●	12.7	4.76	0.8	5.16	
	120412-SW	●	12.7	4.76	1.2	5.16	
 Corte medio	CNMG120404-MP	●	12.7	4.76	0.4	5.16	
	120408-MP	●	12.7	4.76	0.8	5.16	
	120412-MP	●	12.7	4.76	1.2	5.16	
	120416-MP	●	12.7	4.76	1.6	5.16	
	160608-MP	●	15.875	6.35	0.8	6.35	
	160612-MP	●	15.875	6.35	1.2	6.35	
	160616-MP	●	15.875	6.35	1.6	6.35	
 Corte medio	CNMG120404-MA	●	12.7	4.76	0.4	5.16	
	120408-MA	●	12.7	4.76	0.8	5.16	
	120412-MA	●	12.7	4.76	1.2	5.16	
	120416-MA	●	12.7	4.76	1.6	5.16	
	160608-MA	●	15.875	6.35	0.8	6.35	
	160612-MA	●	15.875	6.35	1.2	6.35	
	160616-MA	●	15.875	6.35	1.6	6.35	
	190612-MA	●	19.05	6.35	1.2	7.93	

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte medio	CNMG120404-MH	●	12.7	4.76	0.4	5.16	
	120408-MH	●	12.7	4.76	0.8	5.16	
	120412-MH	●	12.7	4.76	1.2	5.16	
	120416-MH	●	12.7	4.76	1.6	5.16	
	160608-MH	●	15.875	6.35	0.8	6.35	
	160612-MH	●	15.875	6.35	1.2	6.35	
	160616-MH	●	15.875	6.35	1.6	6.35	
	190612-MH	●	19.05	6.35	1.2	7.93	
	190616-MH	●	19.05	6.35	1.6	7.93	
 Corte medio	CNMG120404	●	12.7	4.76	0.4	5.16	
	120408	●	12.7	4.76	0.8	5.16	
	120412	●	12.7	4.76	1.2	5.16	
	120416	●	12.7	4.76	1.6	5.16	
	160608	●	15.875	6.35	0.8	6.35	
	160612	●	15.875	6.35	1.2	6.35	
	160616	●	15.875	6.35	1.6	6.35	
	190608	●	19.05	6.35	0.8	7.93	
	190612	●	19.05	6.35	1.2	7.93	
	190616	●	19.05	6.35	1.6	7.93	
 Corte medio (Wiper)	CNMG120408-MW	●	12.7	4.76	0.8	5.16	
	120412-MW	●	12.7	4.76	1.2	5.16	
 Corte pesado	CNMG120408-RP	●	12.7	4.76	0.8	5.16	
	120412-RP	●	12.7	4.76	1.2	5.16	
	120416-RP	●	12.7	4.76	1.6	5.16	
	160612-RP	●	15.875	6.35	1.2	6.35	
	160616-RP	●	15.875	6.35	1.6	6.35	
	190612-RP	●	19.05	6.35	1.2	7.93	
	190616-RP	●	19.05	6.35	1.6	7.93	
 Corte pesado	CNMG120408-GH	●	12.7	4.76	0.8	5.16	
	120412-GH	●	12.7	4.76	1.2	5.16	
	120416-GH	●	12.7	4.76	1.6	5.16	
	160612-GH	●	15.875	6.35	1.2	6.35	
	160616-GH	●	15.875	6.35	1.6	6.35	
	190612-GH	●	19.05	6.35	1.2	7.93	
	190616-GH	●	19.05	6.35	1.6	7.93	
 Corte ligero	DNMG110404-LP	●	9.525	4.76	0.4	3.81	
	110408-LP	●	9.525	4.76	0.8	3.81	
	150404-LP	●	12.7	4.76	0.4	5.16	
	150408-LP	●	12.7	4.76	0.8	5.16	
	150412-LP	●	12.7	4.76	1.2	5.16	
	150604-LP	●	12.7	6.35	0.4	5.16	
	150608-LP	●	12.7	6.35	0.8	5.16	
	150612-LP	●	12.7	6.35	1.2	5.16	

Placas

Placas negativas (con agujero)


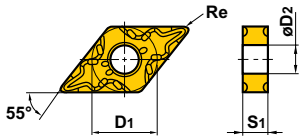

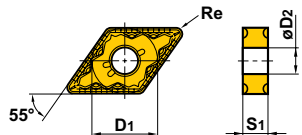

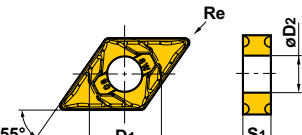

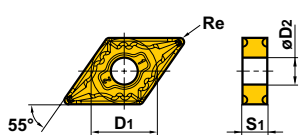

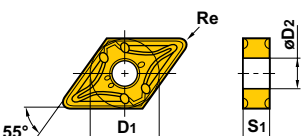

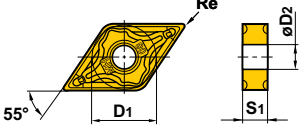

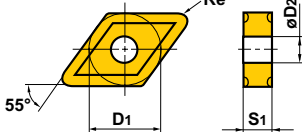

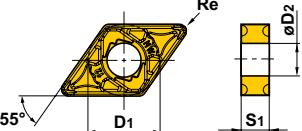

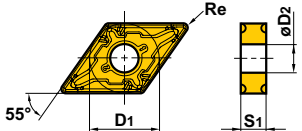

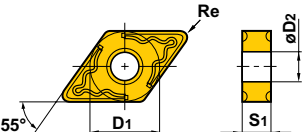

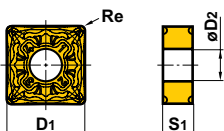
Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
	DNMG110404-SH	●	9.525	4.76	0.4	3.81	
	110408-SH	●	9.525	4.76	0.8	3.81	
	150404-SH	●	12.7	4.76	0.4	5.16	
	150408-SH	●	12.7	4.76	0.8	5.16	
	150412-SH	●	12.7	4.76	1.2	5.16	
	150604-SH	●	12.7	6.35	0.4	5.16	
	150608-SH	●	12.7	6.35	0.8	5.16	
	Corte ligero	150612-SH	●	12.7	6.35	1.2	
	DNMG150404-SA	●	12.7	4.76	0.4	5.16	
	150408-SA	●	12.7	4.76	0.8	5.16	
	150412-SA	●	12.7	4.76	1.2	5.16	
	150604-SA	●	12.7	6.35	0.4	5.16	
	150608-SA	●	12.7	6.35	0.8	5.16	
	Corte ligero	150612-SA	●	12.7	6.35	1.2	
	DNMX110404-SW	●	9.525	4.76	0.4	3.81	
	110408-SW	●	9.525	4.76	0.8	3.81	
	150404-SW	●	12.7	4.76	0.4	5.16	
	150408-SW	●	12.7	4.76	0.8	5.16	
	150412-SW	●	12.7	4.76	1.2	5.16	
	150604-SW	●	12.7	6.35	0.4	5.16	
	Corte ligero (Wiper)	150608-SW	●	12.7	6.35	0.8	
	150612-SW	●	12.7	6.35	1.2	5.16	
	DNMG150404-MP	●	12.7	4.76	0.4	5.16	
	150408-MP	●	12.7	4.76	0.8	5.16	
	150412-MP	●	12.7	4.76	1.2	5.16	
	150416-MP	●	12.7	4.76	1.6	5.16	
	150604-MP	●	12.7	6.35	0.4	5.16	
	150608-MP	●	12.7	6.35	0.8	5.16	
	Corte medio	150612-MP	●	12.7	6.35	1.2	
	150616-MP	●	12.7	6.35	1.6	5.16	
	DNMG110404-MA	●	9.525	4.76	0.4	3.81	
	110408-MA	●	9.525	4.76	0.8	3.81	
	110412-MA	●	9.525	4.76	1.2	3.81	
	150404-MA	●	12.7	4.76	0.4	5.16	
	150408-MA	●	12.7	4.76	0.8	5.16	
	150412-MA	●	12.7	4.76	1.2	5.16	
	150604-MA	●	12.7	6.35	0.4	5.16	
	150608-MA	●	12.7	6.35	0.8	5.16	
	Corte medio	150612-MA	●	12.7	6.35	1.2	

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte medio	DNMG150404-MH	●	12.7	4.76	0.4	5.16	
	150408-MH	●	12.7	4.76	0.8	5.16	
	150412-MH	●	12.7	4.76	1.2	5.16	
	150604-MH	●	12.7	6.35	0.4	5.16	
	150608-MH	●	12.7	6.35	0.8	5.16	
	150612-MH	●	12.7	6.35	1.2	5.16	
 Corte medio	DNMG150404	●	12.7	4.76	0.4	5.16	
	150408	●	12.7	4.76	0.8	5.16	
	150412	●	12.7	4.76	1.2	5.16	
	150604	●	12.7	6.35	0.4	5.16	
	150608	●	12.7	6.35	0.8	5.16	
	150612	●	12.7	6.35	1.2	5.16	
 Corte medio (Wiper)	DNMX150408-MW	●	12.7	4.76	0.8	5.16	
	150412-MW	●	12.7	4.76	1.2	5.16	
	150608-MW	●	12.7	6.35	0.8	5.16	
	150612-MW	●	12.7	6.35	1.2	5.16	
 Corte pesado	DNMG150408-RP	●	12.7	4.76	0.8	5.16	
	150412-RP	●	12.7	4.76	1.2	5.16	
	150416-RP	★	12.7	4.76	1.6	5.16	
	150608-RP	●	12.7	6.35	0.8	5.16	
	150612-RP	●	12.7	6.35	1.2	5.16	
	150616-RP	●	12.7	6.35	1.6	5.16	
 Corte pesado	DNMG150408-GH	●	12.7	4.76	0.8	5.16	
	150412-GH	●	12.7	4.76	1.2	5.16	
	150608-GH	●	12.7	6.35	0.8	5.16	
	150612-GH	●	12.7	6.35	1.2	5.16	
 Corte ligero	SNMG120404-LP	●	12.7	4.76	0.4	5.16	
	120408-LP	●	12.7	4.76	0.8	5.16	
	120412-LP	●	12.7	4.76	1.2	5.16	

Placas

Placas negativas (con agujero)


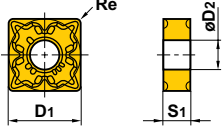

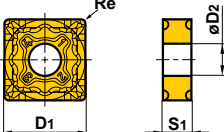

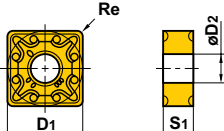

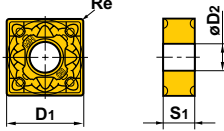

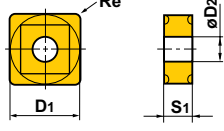

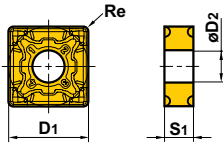

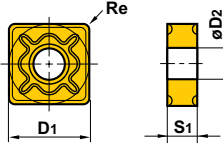

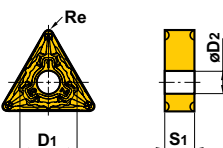

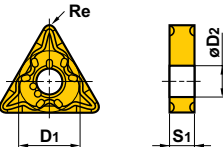

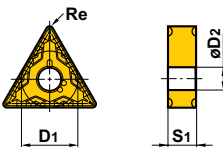

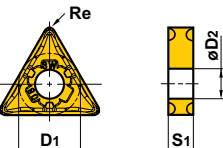

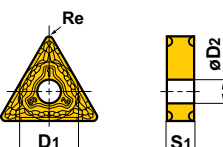
Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte ligero	SNMG120408-SH	●	12.7	4.76	0.8	5.16	
	SA	●	12.7	4.76	0.8	5.16	
 Corte medio	SNMG120404-MP	●	12.7	4.76	0.4	5.16	
	120408-MP	●	12.7	4.76	0.8	5.16	
	120412-MP	●	12.7	4.76	1.2	5.16	
	MA	●	12.7	4.76	0.4	5.16	
 Corte medio	120408-MA	●	12.7	4.76	0.8	5.16	
	120412-MA	●	12.7	4.76	1.2	5.16	
	150608-MA	●	15.875	6.35	0.8	6.35	
	150612-MA	●	15.875	6.35	1.2	6.35	
	190612-MA	●	19.05	6.35	1.2	7.93	
	190616-MA	●	19.05	6.35	1.6	7.93	
 Corte medio	SNMG120408-MH	●	12.7	4.76	0.8	5.16	
	120412-MH	●	12.7	4.76	1.2	5.16	
	190612-MH	●	19.05	6.35	1.2	7.93	
	190616-MH	●	19.05	6.35	1.6	7.93	
 Corte medio	SNMG090304	●	9.525	3.18	0.4	3.81	
	090308	●	9.525	3.18	0.8	3.81	
	120404	●	12.7	4.76	0.4	5.16	
	120408	●	12.7	4.76	0.8	5.16	
	120412	●	12.7	4.76	1.2	5.16	
	150612	●	15.875	6.35	1.2	6.35	
	190612	●	19.05	6.35	1.2	7.93	
	190616	●	19.05	6.35	1.6	7.93	

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte pesado	NEW RP	●	12.7	4.76	0.8	5.16	
	SNMG120408-RP	●	12.7	4.76	0.8	5.16	
	120412-RP	●	12.7	4.76	1.2	5.16	
	120416-RP	●	12.7	4.76	1.6	5.16	
	150612-RP	●	15.875	6.35	1.2	6.35	
	150616-RP	●	15.875	6.35	1.6	6.35	
	190612-RP	●	19.05	6.35	1.2	7.93	
190616-RP	●	19.05	6.35	1.6	7.93		
 Corte pesado	GH	●	12.7	4.76	0.8	5.16	
	SNMG120408-GH	●	12.7	4.76	0.8	5.16	
	120412-GH	●	12.7	4.76	1.2	5.16	
	120416-GH	●	12.7	4.76	1.6	5.16	
	150612-GH	●	15.875	6.35	1.2	6.35	
	190612-GH	●	19.05	6.35	1.2	7.93	
 Corte ligero	NEW LP	●	9.525	4.76	0.4	3.81	
	TNMG160404-LP	●	9.525	4.76	0.4	3.81	
	160408-LP	●	9.525	4.76	0.8	3.81	
	160412-LP	●	9.525	4.76	1.2	3.81	
	220408-LP	●	12.7	4.76	0.8	5.16	
 Corte ligero	SH	●	9.525	4.76	0.4	3.81	
	TNMG160404-SH	●	9.525	4.76	0.4	3.81	
	160408-SH	●	9.525	4.76	0.8	3.81	
 Corte ligero	SA	●	12.7	4.76	0.8	5.16	
	TNMG160404-SA	●	9.525	4.76	0.4	3.81	
	160408-SA	●	9.525	4.76	0.8	3.81	
	160412-SA	●	9.525	4.76	1.2	3.81	
 Corte ligero (Wiper)	SW	●	9.525	4.76	0.4	3.81	
	TNMX160404-SW	●	9.525	4.76	0.4	3.81	
 Corte medio	MP	●	9.525	4.76	0.4	3.81	
	TNMG160404-MP	●	9.525	4.76	0.4	3.81	
	160408-MP	●	9.525	4.76	0.8	3.81	
	160412-MP	●	9.525	4.76	1.2	3.81	
	220408-MP	●	12.7	4.76	0.8	5.16	
220412-MP	●	12.7	4.76	1.2	5.16		

Placas

Placas negativas (con agujero)


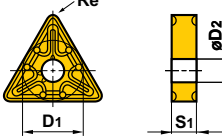

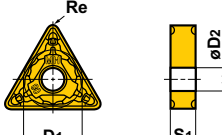

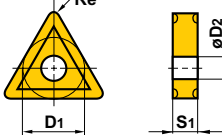

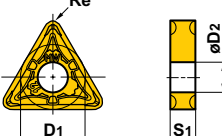

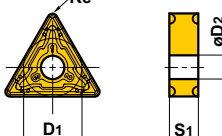

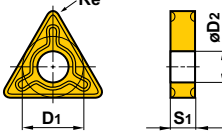


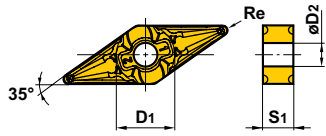

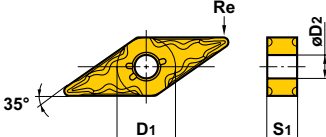

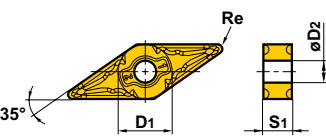

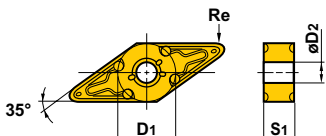

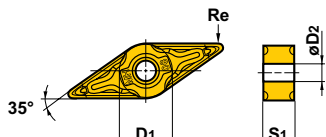

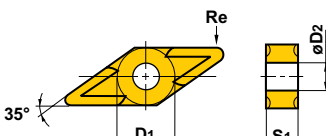
Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte medio	TNMG160404-MA	●	9.525	4.76	0.4	3.81	
	160408-MA	●	9.525	4.76	0.8	3.81	
	160412-MA	●	9.525	4.76	1.2	3.81	
	220408-MA	●	12.7	4.76	0.8	5.16	
	220412-MA	●	12.7	4.76	1.2	5.16	
	270608-MA	●	15.875	6.35	0.8	6.35	
	270612-MA	●	15.875	6.35	1.2	6.35	
 Corte medio	TNMG160404-MH	●	9.525	4.76	0.4	3.81	
	160408-MH	●	9.525	4.76	0.8	3.81	
	160412-MH	●	9.525	4.76	1.2	3.81	
	220408-MH	●	12.7	4.76	0.8	5.16	
	220412-MH	●	12.7	4.76	1.2	5.16	
 Corte medio	TNMG160404	●	9.525	4.76	0.4	3.81	
	160408	●	9.525	4.76	0.8	3.81	
	160412	●	9.525	4.76	1.2	3.81	
	220404	●	12.7	4.76	0.4	5.16	
	220408	●	12.7	4.76	0.8	5.16	
	220412	●	12.7	4.76	1.2	5.16	
 Corte medio (Wiper)	TNMX160408-MW	●	9.525	4.76	0.8	3.81	
	160412-MW	●	9.525	4.76	1.2	3.81	
 Corte pesado	TNMG160408-RP	●	9.525	4.76	0.8	3.81	
	160412-RP	●	9.525	4.76	1.2	3.81	
	220408-RP	●	12.7	4.76	0.8	5.16	
	220412-RP	●	12.7	4.76	1.2	5.16	
	220416-RP	●	12.7	4.76	1.6	5.16	
	270612-RP	★	15.875	6.35	1.2	6.35	
	270616-RP	★	15.875	6.35	1.6	6.35	
 Corte pesado	TNMG160408-GH	●	9.525	4.76	0.8	3.81	
	160412-GH	●	9.525	4.76	1.2	3.81	
	220408-GH	●	12.7	4.76	0.8	5.16	
	220412-GH	●	12.7	4.76	1.2	5.16	
	220416-GH	●	12.7	4.76	1.6	5.16	
	270612-GH	●	15.875	6.35	1.2	6.35	
	270616-GH	●	15.875	6.35	1.6	6.35	

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 LP  Corte ligero	VNMG160404-LP	●	9.525	4.76	0.4	3.81	
	160408-LP	●	9.525	4.76	0.8	3.81	
SH  Corte ligero	VNMG160404-SH	●	9.525	4.76	0.4	3.81	
	160408-SH	●	9.525	4.76	0.8	3.81	
MP  Corte medio	VNMG160404-MP	●	9.525	4.76	0.4	3.81	
	160408-MP	●	9.525	4.76	0.8	3.81	
	160412-MP	●	9.525	4.76	1.2	3.81	
MA  Corte medio	VNMG160404-MA	●	9.525	4.76	0.4	3.81	
	160408-MA	●	9.525	4.76	0.8	3.81	
MH  Corte medio	VNMG160404-MH	●	9.525	4.76	0.4	3.81	
	160408-MH	●	9.525	4.76	0.8	3.81	
Estándar  Corte medio	VNMG160404	●	9.525	4.76	0.4	3.81	
	160408	●	9.525	4.76	0.8	3.81	
	160412	●	9.525	4.76	1.2	3.81	

Placas

Placas negativas (con agujero)


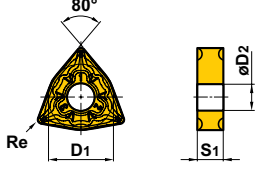

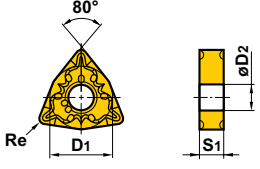

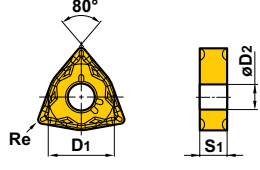

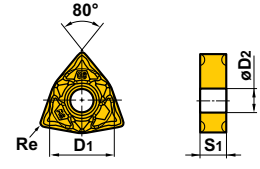

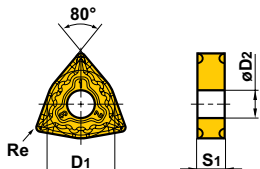

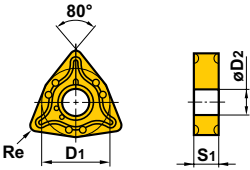

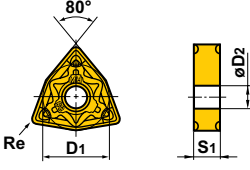

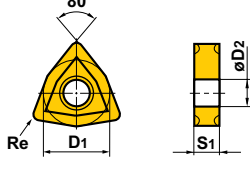

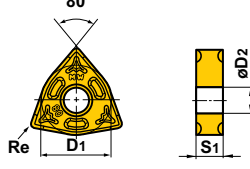

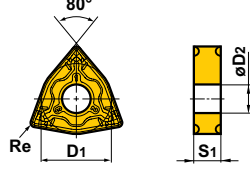

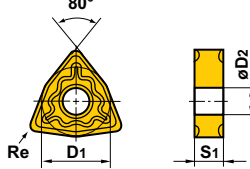

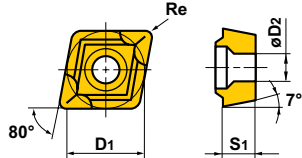

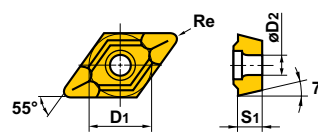

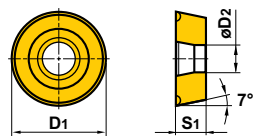

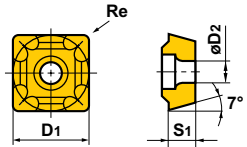

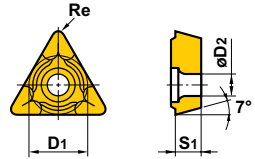

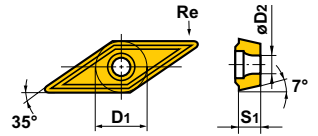
Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte ligero	LP WNUMG06T304-LP	●	9.525	3.97	0.4	3.81	
	06T308-LP	●	9.525	3.97	0.8	3.81	
	060404-LP	●	9.525	4.76	0.4	3.81	
	060408-LP	●	9.525	4.76	0.8	3.81	
	080404-LP	●	12.7	4.76	0.4	5.16	
	080408-LP	●	12.7	4.76	0.8	5.16	
	080412-LP	●	12.7	4.76	1.2	5.16	
 Corte ligero	SH WNUMG06T304-SH	●	9.525	3.97	0.4	3.81	
	06T308-SH	●	9.525	3.97	0.8	3.81	
	060404-SH	●	9.525	4.76	0.4	3.81	
	060408-SH	●	9.525	4.76	0.8	3.81	
	080404-SH	●	12.7	4.76	0.4	5.16	
	080408-SH	●	12.7	4.76	0.8	5.16	
	080412-SH	●	12.7	4.76	1.2	5.16	
 Corte ligero	SA WNUMG080404-SA	●	12.7	4.76	0.4	5.16	
	080408-SA	●	12.7	4.76	0.8	5.16	
	080412-SA	●	12.7	4.76	1.2	5.16	
 Corte ligero (Wiper)	SW WNUMG060404-SW	●	9.525	4.76	0.4	3.81	
	060408-SW	●	9.525	4.76	0.8	3.81	
	080404-SW	●	12.7	4.76	0.4	5.16	
	080408-SW	●	12.7	4.76	0.8	5.16	
	080412-SW	●	12.7	4.76	1.2	5.16	
 Corte medio	MP WNUMG06T304-MP	●	9.525	3.97	0.4	3.81	
	06T308-MP	●	9.525	3.97	0.8	3.81	
	06T312-MP	●	9.525	3.97	1.2	3.81	
	060404-MP	●	9.525	4.76	0.4	3.81	
	060408-MP	●	9.525	4.76	0.8	3.81	
	060412-MP	●	9.525	4.76	1.2	3.81	
	080404-MP	●	12.7	4.76	0.4	5.16	
	080408-MP	●	12.7	4.76	0.8	5.16	
	080412-MP	●	12.7	4.76	1.2	5.16	
	080416-MP	●	12.7	4.76	1.6	5.16	

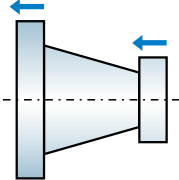
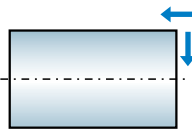
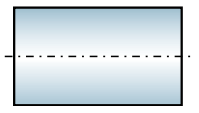
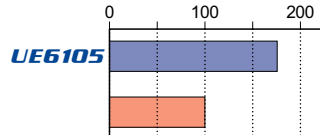
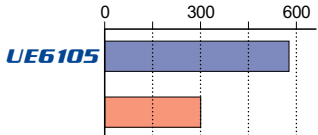

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
 Corte medio	WNUMG06T304-MA	●	9.525	3.97	0.4	3.81	
	06T308-MA	●	9.525	3.97	0.8	3.81	
	06T312-MA	●	9.525	3.97	1.2	3.81	
	060404-MA	●	9.525	4.76	0.4	3.81	
	060408-MA	●	9.525	4.76	0.8	3.81	
	060412-MA	●	9.525	4.76	1.2	3.81	
	080404-MA	●	12.7	4.76	0.4	5.16	
	080408-MA	●	12.7	4.76	0.8	5.16	
	080412-MA	●	12.7	4.76	1.2	5.16	
	080416-MA	●	12.7	4.76	1.6	5.16	
 Corte medio	WNUMG080404-MH	●	12.7	4.76	0.4	5.16	
	080408-MH	●	12.7	4.76	0.8	5.16	
	080412-MH	●	12.7	4.76	1.2	5.16	
 Corte medio	WNUMG080404	●	12.7	4.76	0.4	5.16	
	080408	●	12.7	4.76	0.8	5.16	
	080412	●	12.7	4.76	1.2	5.16	
 Corte medio (Wiper)	WNUMG060408-MW	●	9.525	4.76	0.8	3.81	
	060412-MW	●	9.525	4.76	1.2	3.81	
	080408-MW	●	12.7	4.76	0.8	5.16	
	080412-MW	●	12.7	4.76	1.2	5.16	
 Corte pesado	WNUMG080408-RP	●	12.7	4.76	0.8	5.16	
	080412-RP	●	12.7	4.76	1.2	5.16	
 Corte pesado	WNUMG080408-GH	●	12.7	4.76	0.8	5.16	
	080412-GH	●	12.7	4.76	1.2	5.16	

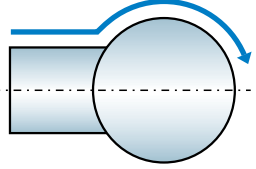
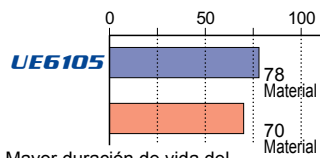
Placas

Placas positivas de 7° (con agujero)

Figura	Referencia	Stock	Dimensiones (mm)				Geometría
		<i>UE6105</i>	D1	S1	Re	D2	
Estándar  Corte medio	CCMT060204	●	6.35	2.38	0.4	2.8	
	09T304	●	9.525	3.97	0.4	4.4	
	09T308	●	9.525	3.97	0.8	4.4	
	120404	●	12.7	4.76	0.4	5.5	
	120408	●	12.7	4.76	0.8	5.5	
Estándar  Corte medio	DCMT070204	●	6.35	2.38	0.4	2.8	
	11T304	●	9.525	3.97	0.4	4.4	
	11T308	●	9.525	3.97	0.8	4.4	
Estándar  Corte medio	RCMX1204M0	●	12	4.76	—	4.2	
	1606M0	●	16	6.35	—	5.2	
	2006M0	●	20	6.35	—	6.5	
	2507M0	●	25	7.94	—	7.2	
	3209M0	●	32	9.52	—	9.5	
Estándar  Corte medio	SCMT09T304	●	9.525	3.97	0.4	4.4	
	09T308	●	9.525	3.97	0.8	4.4	
	120404	●	12.7	4.76	0.4	5.5	
	120408	●	12.7	4.76	0.8	5.5	
Estándar  Corte medio	TCMT110204	●	6.35	2.38	0.4	2.8	
	110208	●	6.35	2.38	0.8	2.8	
	16T304	●	9.525	3.97	0.4	4.4	
	16T308	●	9.525	3.97	0.8	4.4	
Estándar  Corte medio	VCMT160404	●	9.525	4.76	0.4	4.4	
	160408	●	9.525	4.76	0.8	4.4	

Ejemplos de aplicación

Placa		CNMG160612-GH	CNMG120408-SW	DNMG150404-LP
Material		21NiCrMo2 (Cono)	100Cr6 (Barra)	25CrMo4 (eje de entrada)
				
Reducción condiciones	Velocidad de corte (m/min.)	270	400	240
	Avance (mm/rev.)	0.5	0.2 – 0.25	0.2
	Profundidad de corte (mm)	3.0	1.0 – 1.5	0.5
Refrigerante		Corte húmedo	Corte húmedo	Corte húmedo
Resultados		 <p>UE6105 muestra una excelente resistencia al desgaste y consigue una duración de vida de la herramienta 1,5 veces mayor que la de la competencia.</p>	 <p>UE6105 muestra una excelente resistencia al astillado y consigue una duración de vida de la herramienta 1,5 veces mayor que la de la competencia.</p>	 <p>UE6105 no muestra daños anormales y produce menos desgaste que las herramientas de la competencia después de un ciclo de mecanizado largo y constante.</p>

Placa		DNMG150612-RP
Material		Ck55 (Rótula)
		
Reducción condiciones	Velocidad de corte (m/min.)	280
	Avance (mm/rev.)	0.6
	Profundidad de corte (mm)	2.0
Refrigerante		Corte húmedo
Resultados		 <p>Mayor duración de vida del rompevirutas RP UE6105 en comparación con una herramienta de la competencia gracias al excelente control de virutas.</p>



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