

**mitsubishi**

**MITSUBISHI CARBIDE**

**B0611**

Grado rivestito CVD per ghisa

***UC5105 UC5115***

**Grado ad alta tecnologia per  
un'eccellente tornitura della ghisa.**

**Disponibilità di inserti adatti  
per la tornitura dell'acciaio.**

**Tecnologia di rivestimento liscio  
all'avanguardia per offrire un  
taglio stabile e affidabile.**



# Nuovo grado rivestito CVD per la tornitura della ghisa e della ghisa sferoidale

# UC5105/UC5115

## Caratteristiche

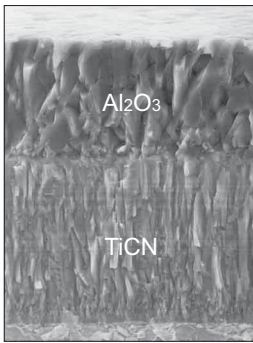
### "Rivestimento uniforme completamente nero" di nuova concezione

#### Maggiore resistenza all'usura

La resistenza all'usura è stata notevolmente migliorata grazie a uno spesso rivestimento in Al<sub>2</sub>O<sub>3</sub> (ossido di alluminio) e a strati di rivestimento TiCN (Carbonitruri di Titanio) robusto e fibroso.

#### Maggiore resistenza allo scheggiamento

Il nuovo rivestimento superficiale più uniforme impedisce l'usura e la scheggiatura dei bordi per ottenere un taglio affidabile e stabile.



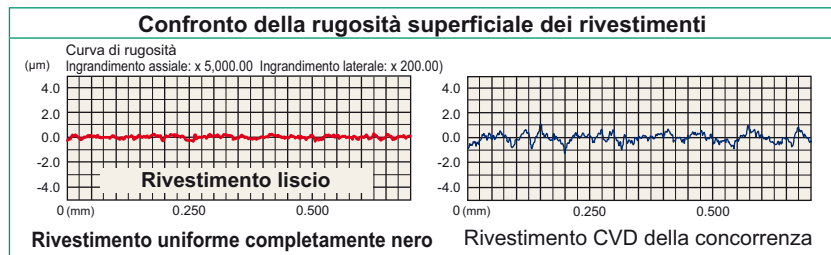
Struttura di UC5105/UC5115

#### UC5105

Con un substrato in carburo molto **duro** e "rivestimento uniforme completamente nero". Efficace per tornitura ad alta velocità di ghisa e di ghisa sferoidale.

#### UC5115

Con un substrato in carburo molto **tenace** e "rivestimento uniforme completamente nero". Il primo grado consigliato per la tornitura generale di ghisa, di ghisa sferoidale e di acciaio.



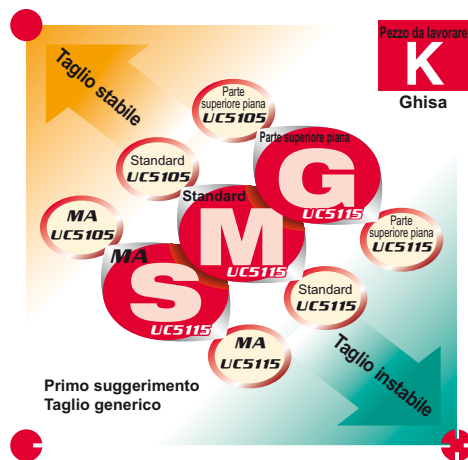
## Campo di applicazione e parametri di taglio consigliati

### ● TOOL NAVI SYSTEM

**UC5105** con elevata resistenza all'usura per una tornitura continua ad alta velocità.

**UC5115** con un eccellente rapporto tra tenacità e resistenza all'usura. Particolarmente adatto inoltre per una tornitura dell'acciaio di lunga durata, continua e a velocità elevata.

### Inserti negativi per ghisa e ghisa sferoidale



#### ■ Parametri di taglio

- Taglio stabile**  
Taglio continuo  
Taglio a profondità costante  
Pre-lavorato  
Taglio di componenti bloccati saldamente
- Taglio generico**
- Taglio instabile**  
Taglio pesante interrotto  
Taglio a profondità irregolare  
Rigidità a basso fissaggio

#### ■ Campo di impiego

- S** Asportazione leggera (ap=0.5–1.5 mm)
- M** Asportazione media (ap=1.5–4.0 mm)
- G** Asportazione semi-pesante (ap=4.0–7.0 mm)

### Campo di applicazione

ISO	Ghisa grigia, ghisa sferoidale
K01	
K10	
K20	
K30	

### Parametri di taglio consigliati





Pezzo da lavorare	Resistenza trazione	Velocità di taglio consigliata (m/min)	
		UC5105	UC5115
<b>K</b> Ghisa grigia	≤300MPa	300 (200–400)	250 (150–300)
	≤450MPa	300 (200–400)	250 (150–300)
<b>K</b> Ghisa sferoidale	500–800MPa	230 (180–300)	200 (150–250)
<b>P</b> Acciaio al carbonio Acciaio legato	180–280HB	–	300 (220–370)

# Gamma di rompitrucioli per UC5115

## Per il taglio della ghisa

Per asportazione leggera		Per taglio generico	
Descrizione del rompitruciolo  <b>MA</b> Fase positiva per tagli affilati.		Descrizione del rompitruciolo  Standard Fase piana per una elevata robustezza del tagliente.	
Per taglio interrotto e sgrossatura		Per asportazione semi-pesante	
Descrizione del rompitruciolo  Parte superiore piana Ideale per lavorazioni instabili grazie alla notevole robustezza del tagliente.		Descrizione del rompitruciolo  <b>GH</b> Adatto per tagli interrotti e per la rimozione delle scaglie. Per taglio ad avanzamento elevato grazie alla grande tasca per i trucioli e all'ampia fase.	
Per asportazione leggera efficiente		Per taglio generico efficiente	
Descrizione del rompitruciolo  <b>SW</b> Con geometria raschiante per velocità di avanzamento elevate nel campo di impiego dell'asportazione leggera.		Descrizione del rompitruciolo  <b>MW</b> Con geometria raschiante per tagli a velocità di avanzamento in qualunque campo di impiego.	

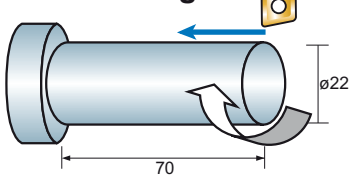
## Per il taglio dell'acciaio

Per taglio generico		Per taglio generico	
Descrizione del rompitruciolo  <b>MA</b> Fase positiva per tagli affilati. Ottimo controllo del truciolo in qualunque campo di impiego.		Descrizione del rompitruciolo  <b>MH</b> Fase piana per una elevata robustezza del tagliente. Ottimo controllo del truciolo in qualunque campo di impiego.	
Per taglio generico		Per asportazione leggera	
Descrizione del rompitruciolo  <b>MV</b> Fase positiva per tagli affilati. Geometria del rompitruciolo idonea per tornitura in copiatura e posteriore. Ottimo controllo del truciolo in qualunque campo di impiego.		Descrizione del rompitruciolo  <b>SH</b> Fase positiva per tagli affilati. Ottimo controllo del truciolo nel campo di impiego dell'asportazione leggera.	

# Prestazioni di taglio di UC5105 / UC5115

## Finitura superficiale migliorata

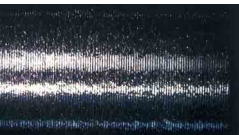
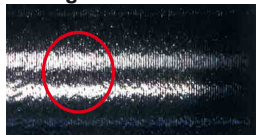
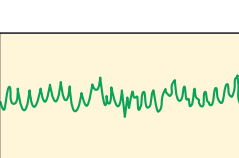
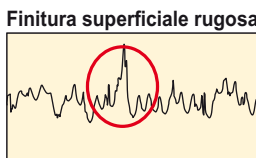
Taglio continuo di parti in ghisa con bassa rigidità



<Parametri di taglio>

- Inserto : UC5115
- : CNMG120408-pp
- Utensile : PCLNL2525M12
- Velocità di taglio : 150 m/min
- Avanzamento : 0.2 mm/giro
- Profondità di taglio : 1.0 mm
- Refrigerante : taglio a umido
- Taglio continuo esterno

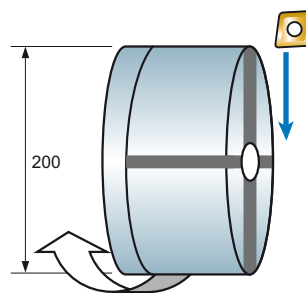
La combinazione del grado UC51 e del rompitrucioli MA consente di ottenere un'ottima finitura superficiale quando si lavora con parti in ghisa dal diametro piccolo.

	MA	Standard
Confronto di finiture superficiali lavorate		
Confronto delle misurazioni delle superfici lavorate		

## Resistenza a rottura

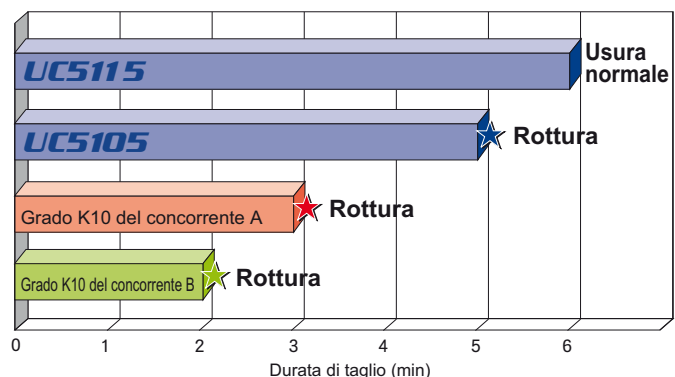
Spianatura interrotta della ghisa sferoidale (DIN GGG45)

UC5115 offre una straordinaria resistenza allo scheggiamento con un tagliente estremamente affidabile.



<Parametri di taglio>


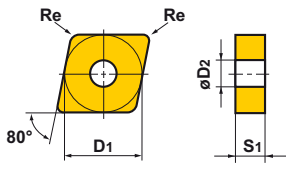

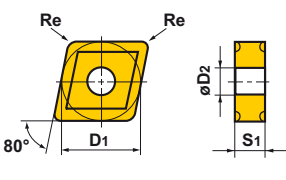

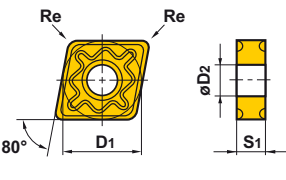

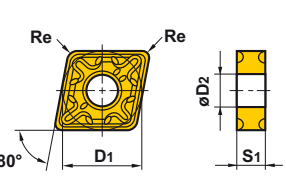

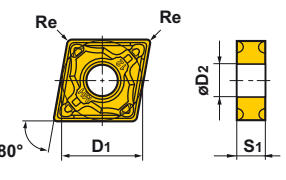
- Inserto : CNMA120408
- Utensile : PCLNL2525M12
- Velocità di taglio : 120 m/min
- Avanzamento : 0.3 mm/giro
- Profondità di taglio : 1.5 mm
- Refrigerante : taglio a umido



# UC5105/UC5115


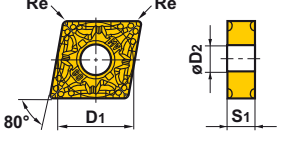

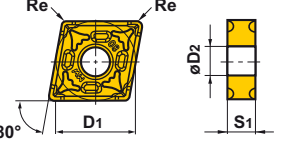

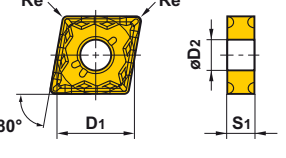

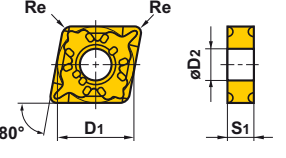

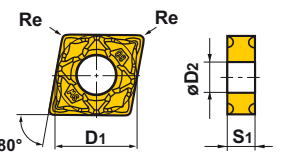

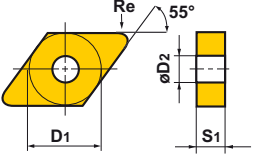

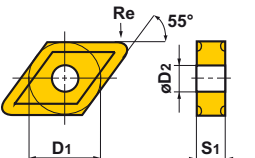
## Inserti

### ● Inserto negativo (con foro)

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Parte superiore piana 	CNMA120404	●	●	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	
	160612	●	●	15.875	6.35	1.2	6.35	
	160616	●	●	15.875	6.35	1.6	6.35	
	190612	●	●	19.05	6.35	1.2	7.93	
	190616	●	●	19.05	6.35	1.6	7.93	
Rompitriciolo Standard 	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	
	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	
Media asportazione	190616	★	★	19.05	6.35	1.6	7.93	
Rompitriciolo GH 	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	
	Asportazione semi-pesante	190616-GH	★	★	19.05	6.35	1.6	
Rompitriciolo MA 	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	
	NOVITA 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	
Media asportazione	190616-MA	●	●	19.05	6.35	1.6	7.93	
Rompitriciolo MH 	NOVITA CNMG120404-MH		□	12.7	4.76	0.4	5.16	
	NOVITA 120408-MH		●	12.7	4.76	0.8	5.16	
	NOVITA 120412-MH		●	12.7	4.76	1.2	5.16	
	NOVITA 120416-MH		●	12.7	4.76	1.6	5.16	
	NOVITA 160608-MH		□	15.875	6.35	0.8	6.35	
	NOVITA 160612-MH		●	15.875	6.35	1.2	6.35	
	NOVITA 160616-MH		●	15.875	6.35	1.6	6.35	
	NOVITA 190612-MH		□	19.05	6.35	1.2	7.93	
	Media asportazione	NOVITA 190616-MH		□	19.05	6.35	1.6	

● : inventario mantenuto. ★ : inventario mantenuto in Giappone. □ : non a magazzino, prodotti solo su ordinazione.


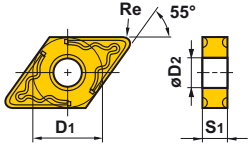

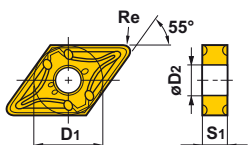

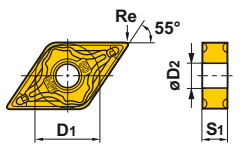

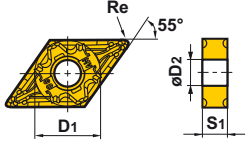

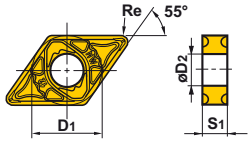

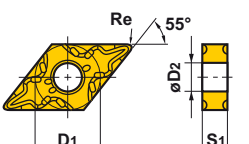

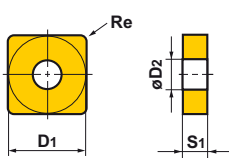


Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>MV</b>  Media asportazione	<b>NOVITA</b> CNMG120404-MV		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 120408-MV		●	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> 120412-MV		●	12.7	4.76	1.2	5.16	
	<b>NOVITA</b> 120416-MV		●	12.7	4.76	1.6	5.16	
Rompitruciolo <b>MW</b>  Media asportazione (Raschiante)	CNMG120408-MW	●	●	12.7	4.76	0.8	5.16	
	120412-MW	●	●	12.7	4.76	1.2	5.16	
Rompitruciolo <b>SA</b>  Asportazione leggera	CNMG120412-SA	□	□	12.7	4.76	1.2	5.16	
Rompitruciolo <b>SH</b>  Asportazione leggera	<b>NOVITA</b> CNMG120404-SH		●	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 120408-SH		●	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> 120412-SH		●	12.7	4.76	1.2	5.16	
Rompitruciolo <b>SW</b>  Asportazione leggera (Raschiante)	<b>NOVITA</b> CNMG120404-SW		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 120408-SW	□	●	12.7	4.76	0.8	5.16	
Parte superiore piana 	DNMA150404	★	★	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	
	150416	●	●	12.7	4.76	1.6	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	
Rompitruciolo <b>Standard</b>  Media asportazione	DNMG110404	●	●	9.525	4.76	0.4	3.81	
	110408	●	●	9.525	4.76	0.8	3.81	
	110412	●	●	9.525	4.76	1.2	3.81	
	150404	●	●	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	
	150616		□	12.7	6.35	1.6	5.16	


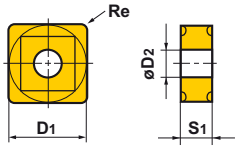

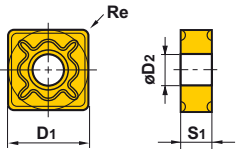

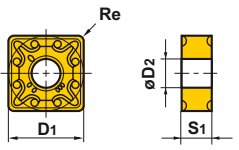

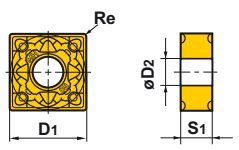

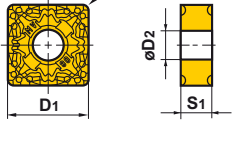

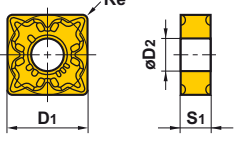

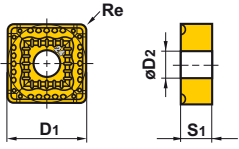
# UC5105/UC5115

## Inserti

### ● Inserto negativo (con foro)

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitriciolo <b>GH</b> 	<b>DNMG150408-GH</b>	●	●	12.7	4.76	0.8	5.16	
	150412-GH	●	●	12.7	4.76	1.2	5.16	
	150608-GH	●	●	12.7	4.76	0.8	5.16	
	150612-GH	●	●	12.7	6.35	1.2	5.16	
Asportazione semi-pesante								
Rompitriciolo <b>MA</b> 	<b>DNMG150404-MA</b>	●	●	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	
	150608-MA	●	●	12.7	6.35	0.8	5.16	
Media asportazione	150612-MA	●	●	12.7	6.35	1.2	5.16	
Rompitriciolo <b>MH</b> 	<b>NOVITA</b> DNMG150404-MH		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 150408-MH		□	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> 150412-MH		□	12.7	4.76	1.2	5.16	
	<b>NOVITA</b> 150604-MH		□	12.7	6.35	0.4	5.16	
	<b>NOVITA</b> 150608-MH	□	●	12.7	6.35	0.8	5.16	
	<b>NOVITA</b> 150612-MH		●	12.7	6.35	1.2	5.16	
Media asportazione								
Rompitriciolo <b>MV</b> 	<b>NOVITA</b> DNMG150404-MV		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 150408-MV		□	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> 150412-MV		□	12.7	4.76	1.2	5.16	
	<b>NOVITA</b> 150416-MV		□	12.7	4.76	1.6	5.16	
	<b>NOVITA</b> 150604-MV		●	12.7	6.35	0.4	5.16	
	<b>NOVITA</b> 150608-MV		●	12.7	6.35	0.8	5.16	
	<b>NOVITA</b> 150612-MV		●	12.7	6.35	1.2	5.16	
Media asportazione	<b>NOVITA</b> 150616-MV		●	12.7	6.35	1.6	5.16	
Rompitriciolo <b>MW</b> 	<b>DNMX150408-MW</b>	●	●	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	
Media asportazione								
Rompitriciolo <b>SH</b> 	<b>DNMG110404-SH</b>	□	□	9.525	4.76	0.4	3.81	
	<b>NOVITA</b> 150404-SH		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> 150408-SH		□	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> 150412-SH		□	12.7	4.76	1.2	5.16	
	<b>NOVITA</b> 150604-SH		●	12.7	6.35	0.4	5.16	
	<b>NOVITA</b> 150608-SH		●	12.7	6.35	0.8	5.16	
Asportazione leggera	<b>NOVITA</b> 150612-SH		●	12.7	6.35	1.2	5.16	
Parte superiore piana 	<b>SNMA090308</b>	★	★	9.525	3.18	0.8	3.81	
	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	
	190612	●	●	19.05	6.35	1.2	7.93	
	190616	●	●	19.05	6.35	1.6	7.93	


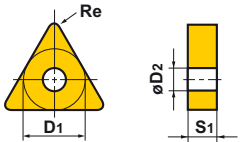

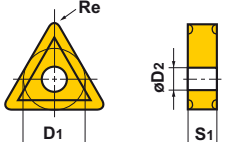

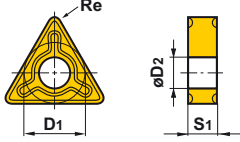
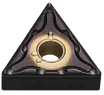
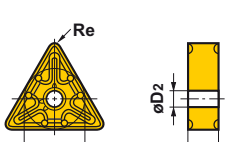

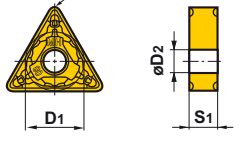

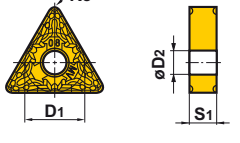
● : inventario mantenuto. ★ : inventario mantenuto in Giappone. □ : non a magazzino, prodotti solo su ordinazione.

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>Standard</b>  Media asportazione	<b>SNMG120408</b>	●	●	12.7	4.76	0.8	5.16	
	<b>120412</b>	●	●	12.7	4.76	1.2	5.16	
	<b>120416</b>	●	●	12.7	4.76	1.6	5.16	
	<b>150612</b>	□		15.875	6.35	1.2	6.35	
	<b>190612</b>	★	★	19.05	6.35	1.2	7.93	
	<b>190616</b>	★	★	19.05	6.35	1.6	7.93	
Rompitruciolo <b>GH</b>  Asportazione semi-pesante	<b>SNMG120408-GH</b>	●	●	12.7	4.76	0.8	5.16	
	<b>120412-GH</b>	●	●	12.7	4.76	1.2	5.16	
Rompitruciolo <b>MA</b>  Media asportazione	<b>NOVITA</b> <b>SNMG120404-MA</b>		□	12.7	4.76	0.4	5.16	
	<b>120408-MA</b>	●	●	12.7	4.76	0.8	5.16	
	<b>120412-MA</b>	●	●	12.7	4.76	1.2	5.16	
	<b>120416-MA</b>	●	●	12.7	4.76	1.6	5.16	
	<b>150612-MA</b>	●	●	15.875	6.35	1.2	6.35	
	<b>190612-MA</b>	●	●	19.05	6.35	1.2	7.93	
Rompitruciolo <b>MH</b>  Media asportazione	<b>NOVITA</b> <b>SNMG120404-MH</b>		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> <b>120408-MH</b>		●	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> <b>120412-MH</b>	□	●	12.7	4.76	1.2	5.16	
	<b>NOVITA</b> <b>190612-MH</b>		□	19.05	6.35	1.2	7.93	
	<b>NOVITA</b> <b>190616-MH</b>		□	19.05	6.35	1.6	7.93	
Rompitruciolo <b>MV</b>  Media asportazione	<b>NOVITA</b> <b>SNMG120404-MV</b>		□	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> <b>120408-MV</b>		□	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> <b>120412-MV</b>		□	12.7	4.76	1.2	5.16	
Rompitruciolo <b>SH</b>  Asportazione leggera	<b>NOVITA</b> <b>SNMG120404-SH</b>		●	12.7	4.76	0.4	5.16	
	<b>NOVITA</b> <b>120408-SH</b>		●	12.7	4.76	0.8	5.16	
	<b>NOVITA</b> <b>120412-SH</b>		●	12.7	4.76	1.2	5.16	
Rompitruciolo <b>HX</b>  Asportazione pesante	<b>SNMM190616-HX</b>	□		19.05	6.35	1.6	7.93	


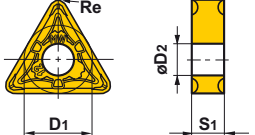

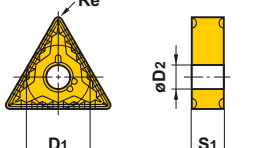

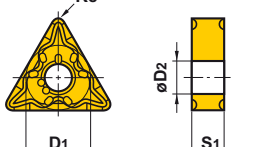

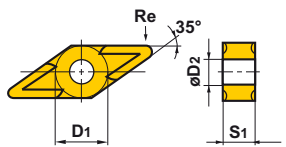

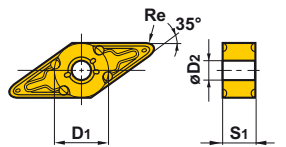

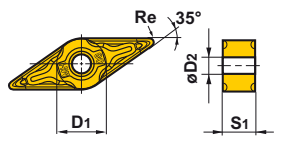

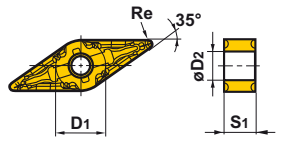
# UC5105/UC5115

## Inserti

### ● Inserto negativo (con foro)

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
<b>Parte superiore piana</b>  Media asportazione	<b>TNMA160404</b>	●	●	9.525	4.76	0.4	3.81	
	<b>160408</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412</b>	●	●	9.525	4.76	1.2	3.81	
	<b>160416</b>	●	●	9.525	4.76	1.6	3.81	
	<b>160420</b>	★	★	9.525	4.76	2.0	3.81	
	<b>220408</b>	●	●	12.7	4.76	0.8	5.16	
	<b>220412</b>	●	●	12.7	4.76	1.2	5.16	
	<b>220416</b>	●	●	12.7	4.76	1.6	5.16	
<b>Rompitruciolo Standard</b>  Media asportazione	<b>TNMG160404</b>	●	●	9.525	4.76	0.4	3.81	
	<b>160408</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412</b>	●	●	9.525	4.76	1.2	3.81	
	<b>160416</b>	★	★	9.525	4.76	1.6	3.81	
	<b>160420</b>	★	★	9.525	4.76	2.0	3.81	
	<b>220408</b>	●	●	12.7	4.76	0.8	5.16	
	<b>220412</b>	●	●	12.7	4.76	1.2	5.16	
	<b>220416</b>	●	●	12.7	4.76	1.6	5.16	
<b>Rompitruciolo GH</b>  Asportazione semi-pesante	<b>TNMG160408-GH</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412-GH</b>	●	●	9.525	4.76	1.2	3.81	
	<b>220408-GH</b>	●	●	12.7	4.76	0.8	5.16	
	<b>220412-GH</b>	●	●	12.7	4.76	1.2	5.16	
<b>Rompitruciolo MA</b>  Media asportazione	<b>TNMG160404-MA</b>	●	●	9.525	4.76	0.4	3.81	
	<b>160408-MA</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412-MA</b>	●	●	9.525	4.76	1.2	3.81	
	<b>160416-MA</b>	●	●	9.525	4.76	1.6	3.81	
	<b>160420-MA</b>	●	●	9.525	4.76	2.0	3.81	
	<b>220408-MA</b>	●	●	12.7	4.76	0.8	5.16	
	<b>220412-MA</b>	●	●	12.7	4.76	1.2	5.16	
	<b>220416-MA</b>	●	●	12.7	4.76	1.6	5.16	
<b>Rompitruciolo MH</b>  Media asportazione	<b>NOVITA TNMG160404-MH</b>		□	9.525	4.76	0.4	3.81	
	<b>NOVITA 160408-MH</b>		●	9.525	4.76	0.8	3.81	
	<b>NOVITA 160412-MH</b>		●	9.525	4.76	1.2	3.81	
	<b>NOVITA 220408-MH</b>		●	12.7	4.76	0.8	5.16	
	<b>NOVITA 220412-MH</b>		□	1.7	4.76	1.2	5.16	
<b>Rompitruciolo MV</b>  Media asportazione	<b>NOVITA TNMG160404-MV</b>		●	9.525	4.76	0.4	3.81	
	<b>NOVITA 160408-MV</b>		●	9.525	4.76	0.8	3.81	
	<b>NOVITA 160412-MV</b>		●	9.525	4.76	1.2	3.81	


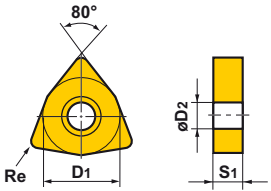

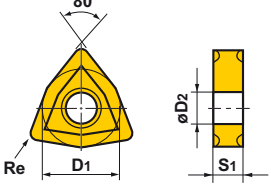

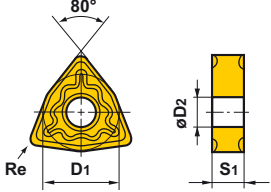

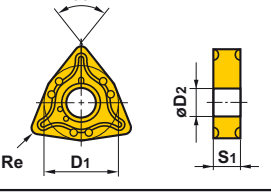

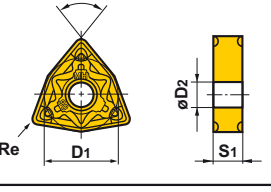

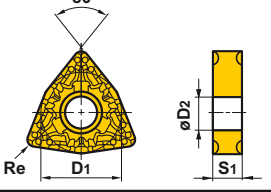

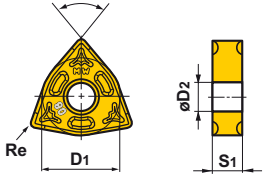



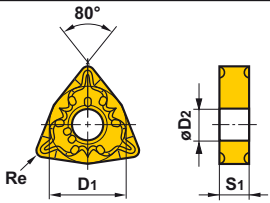

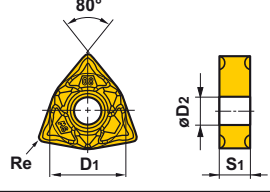
Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>MW</b>  Media asportazione	<b>TNMX160408-MW</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412-MW</b>	●	●	9.525	4.76	1.2	3.81	
Rompitruciolo <b>SA</b>  Asportazione leggera	<b>TNMG160412-SA</b>	●	●	9.525	4.76	1.2	3.81	
Rompitruciolo <b>SH</b>  Asportazione leggera	<b>NOVITA TNMG160404-SH</b>		●	9.525	4.76	0.4	3.81	
	<b>NOVITA 160408-SH</b>		●	9.525	4.76	0.8	3.81	
Rompitruciolo <b>Standard</b>  Media asportazione	<b>VNMG160404</b>	●	●	9.525	4.76	0.4	3.81	
	<b>160408</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412</b>	★	★	9.525	4.76	1.2	3.81	
Rompitruciolo <b>MA</b>  Media asportazione	<b>VNMG160404-MA</b>	●	●	9.525	4.76	0.4	3.81	
	<b>160408-MA</b>	●	●	9.525	4.76	0.8	3.81	
	<b>160412-MA</b>	●	●	9.525	4.76	1.2	3.81	
Rompitruciolo <b>MH</b>  Media asportazione	<b>NOVITA VNMG160404-MH</b>		●	9.525	4.76	0.4	3.81	
	<b>NOVITA 160408-MH</b>		●	9.525	4.76	0.8	3.81	
Rompitruciolo <b>MV</b>  Media asportazione	<b>NOVITA VNMG160404-MV</b>		●	9.525	4.76	0.4	3.81	
	<b>NOVITA 160408-MV</b>		●	9.525	4.76	0.8	3.81	

# UC5105/UC5115


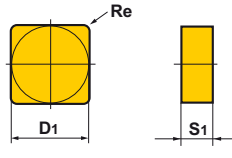

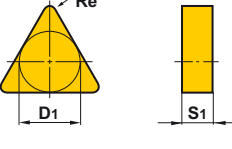
## Inserti

### ● Inserto negativo (con foro)

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Parte superiore piana 	<b>WNMA080404</b>	●	●	12.7	4.76	0.4	5.16	
	<b>080408</b>	●	●	12.7	4.76	0.8	5.16	
	<b>080412</b>	●	●	12.7	4.76	1.2	5.16	
	<b>080416</b>	●	●	12.7	4.76	1.6	5.16	
Rompitruciolo Standard 	<b>WNMG060404</b>	●	●	9.525	4.76	0.4	3.81	
	<b>060408</b>	●	●	9.525	4.76	0.8	3.81	
	<b>080404</b>	●	●	12.7	4.76	0.4	5.16	
	<b>080408</b>	●	●	12.7	4.76	0.8	5.16	
	<b>080412</b>	●	●	12.7	4.76	1.2	5.16	
	<b>080416</b>	●	●	12.7	4.76	1.6	5.16	
Media asportazione								
Rompitruciolo GH 	<b>WNMG080408-GH</b>	●	●	12.7	4.76	0.8	5.16	
	<b>080412-GH</b>	●	●	12.7	4.76	1.2	5.16	
Asportazione semi-pesante								
Rompitruciolo MA 	<b>WNMG080404-MA</b>	●	●	12.7	4.76	0.4	5.16	
	<b>080408-MA</b>	●	●	12.7	4.76	0.8	5.16	
	<b>080412-MA</b>	●	●	12.7	4.76	1.2	5.16	
	<b>080416-MA</b>	●	●	12.7	4.76	1.6	5.16	
Media asportazione								
Rompitruciolo MH 	<b>NOVITA</b> <b>WNMG080404-MH</b>		□	9.525	4.76	0.4	3.81	
	<b>NOVITA</b> <b>080408-MH</b>	□	●	9.525	4.76	0.8	3.81	
	<b>NOVITA</b> <b>080412-MH</b>		●	9.525	4.76	1.2	3.81	
Media asportazione								
Rompitruciolo MV 	<b>NOVITA</b> <b>WNMG080404-MV</b>		●	9.525	4.76	0.4	3.81	
	<b>NOVITA</b> <b>080408-MV</b>		●	9.525	4.76	0.8	3.81	
	<b>NOVITA</b> <b>080412-MV</b>		●	9.525	4.76	1.2	3.81	
Media asportazione								
Rompitruciolo MW 	<b>WNMG060408-MW</b>	●	●	9.525	4.76	0.8	3.81	
	<b>060412-MW</b>	●	●	9.525	4.76	1.2	3.81	
	<b>080408-MW</b>	●	●	12.7	4.76	0.8	5.16	
	<b>080412-MW</b>	●	●	12.7	4.76	1.2	5.16	
Media asportazione (Raschiante)								

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>SH</b>  Asportazione leggera	<b>WNUMG080404-SH</b>		●	12.7	4.76	0.4	5.16	
	<b>080408-SH</b>		●	12.7	4.76	0.8	5.16	
	<b>080412-SH</b>		●	12.7	4.76	1.2	5.16	
Rompitruciolo <b>SW</b>  Asportazione leggera (Raschiante)	<b>WNUMG080404-SW</b>		□	12.7	4.76	0.4	5.16	
	<b>080408-SW</b>		●	12.7	4.76	0.8	5.16	

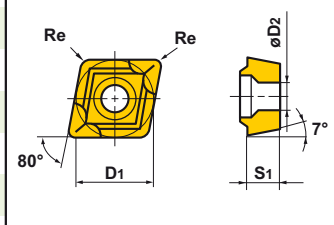

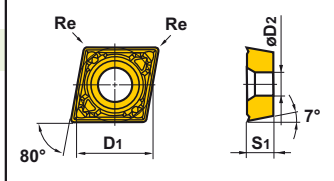

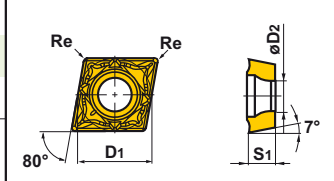

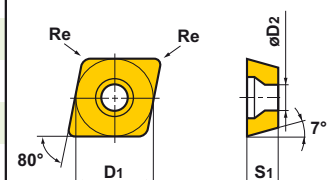

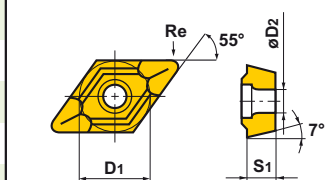

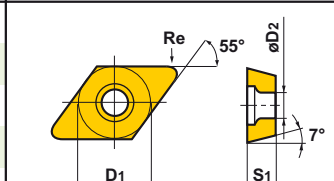

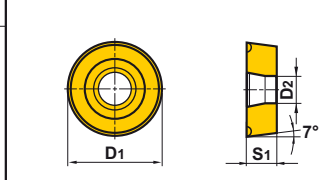
### ● Inserto negativo (senza foro)


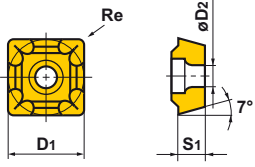

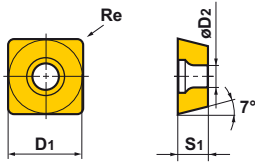

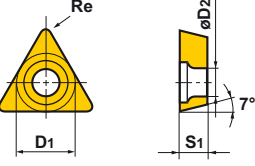

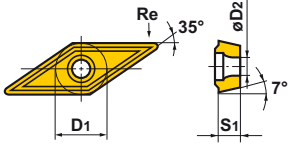

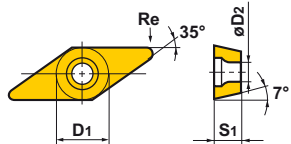
Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Parte superiore piana 	<b>SNMN120408</b>	●	●	12.7	4.76	0.8	—	
	<b>120412</b>	●	●	12.7	4.76	1.2	—	
	<b>120416</b>	●	●	12.7	4.76	1.6	—	
Parte superiore piana 	<b>TNMN160408</b>	●	●	9.525	4.76	0.8	—	
	<b>160412</b>	●	●	9.525	4.76	1.2	—	
	<b>160416</b>	●	●	9.525	4.76	1.6	—	
	<b>160420</b>	★	★	9.525	4.76	2.0	—	

# UC5105/UC5115

## Inserti

### ● Insetto positivo (con foro)


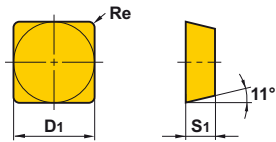

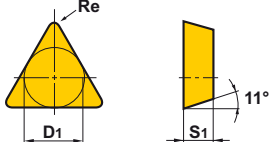
Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>Standard</b> 	<b>CCMT060204</b>		●	6.35	2.38	0.4	2.8	
	<b>NOVITA</b> 060208		●	6.35	2.38	0.8	2.8	
	09T304	●	●	9.525	3.97	0.4	4.4	
	09T308	●	●	9.525	3.97	0.8	4.4	
	120404	●	●	12.7	4.76	0.4	5.5	
	120408	●	●	12.7	4.76	0.8	5.5	
Media asportazione	120412		●	12.7	4.76	1.2	5.5	
Rompitruciolo <b>MW</b> 	<b>NOVITA</b> CCMT120404-MW		□	12.7	4.76	0.8	5.5	
	<b>NOVITA</b> 120408-MW		●	12.7	4.76	1.2	5.5	
Media asportazione (Raschiante)								
Rompitruciolo <b>SW</b> 	<b>NOVITA</b> CCMT060204-SW		●	6.35	2.38	0.4	2.8	
	<b>NOVITA</b> 09T302-SW		□	9.525	3.97	0.2	4.4	
	<b>NOVITA</b> 09T304-SW		●	9.525	3.97	0.4	4.4	
Asportazione leggera (Raschiante)								
Parte superiore piana 	<b>CCMW060204</b>	●	●	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	
	120412	●	●	12.7	4.76	1.2	5.5	
Rompitruciolo <b>Standard</b> 	<b>DCMT070202</b>	□	□	6.35	2.38	0.2	2.8	
	070204		●	6.35	2.38	0.4	2.8	
	<b>NOVITA</b> 070208		●	6.35	2.38	0.2	2.8	
	11T304	●	●	9.525	3.97	0.4	4.4	
	11T308	●	●	9.525	3.97	0.8	4.4	
	150404		●	12.7	4.76	0.4	5.5	
Media asportazione	150408		●	12.7	4.76	0.8	5.5	
Parte superiore piana 	<b>DCMW070204</b>	●	●	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	
	150404	□	●	12.7	4.76	0.4	5.5	
	150408	□	□	12.7	4.76	0.8	5.5	
Rompitruciolo <b>Standard</b> 	<b>RCMX1204M0</b>		●	12	4.76	—	4.2	
Media asportazione								

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
Rompitruciolo <b>Standard</b>  Media asportazione	<b>SCMT09T304</b>		●	9.525	3.97	0.4	4.4	
	<b>09T308</b>	□	●	9.525	3.97	0.8	4.4	
	<b>120404</b>		●	12.7	4.76	0.4	5.5	
	<b>120408</b>	□	●	12.7	4.76	0.8	5.5	
	<b>120412</b>		□	12.7	4.76	1.2	5.5	
Parte superiore piana 	<b>SCMW09T304</b>	●	●	9.525	3.97	0.4	4.4	
	<b>09T308</b>	●	●	9.525	3.97	0.8	4.4	
	<b>120404</b>	●	●	12.7	4.76	0.4	5.5	
	<b>120408</b>	●	●	12.7	4.76	0.8	5.5	
	<b>120412</b>		□	12.7	4.76	1.2	5.5	
Parte superiore piana 	<b>TCMW110204</b>	●	●	6.35	2.38	0.4	2.8	
	<b>16T304</b>	●	●	9.525	3.97	0.4	4.4	
	<b>16T308</b>	●	●	9.525	3.97	0.8	4.4	
Rompitruciolo <b>Standard</b>  Media asportazione	<b>VCMT160404</b>	●	●	9.525	4.76	0.4	4.4	
	<b>160408</b>		●	9.525	4.76	0.8	4.4	
	<b>160412</b>	●	●	9.525	4.76	1.2	4.4	
Parte superiore piana 	<b>VCMW110304</b>	●	●	6.35	3.18	0.4	2.8	
	<b>160404</b>	●	●	9.525	4.76	0.4	4.4	
	<b>160408</b>	●	●	9.525	4.76	0.8	4.4	



# UC5105/UC5115

## ● Insetto positivo (senza foro)

Forma	Codice di ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UC5105	UC5115	D1	S1	Re	D2	
	<b>SPMN120308</b>	●	●	12.7	3.18	0.8	—	
	<b>TPMN110304</b>	●	●	6.35	3.18	0.4	—	
	<b>110308</b>	●	●	6.35	3.18	0.8	—	
	<b>160304</b>	●	●	9.525	3.18	0.4	—	
	<b>160308</b>	●	●	9.525	3.18	0.8	—	
	<b>160312</b>	□	●	9.525	3.18	1.2	—	
	<b>160316</b>	□	●	9.525	3.18	1.6	—	
	<b>220408</b>	□	□	12.7	4.76	0.8	—	

● : inventario mantenuto. □ : non a magazzino, prodotti solo su ordinazione.



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