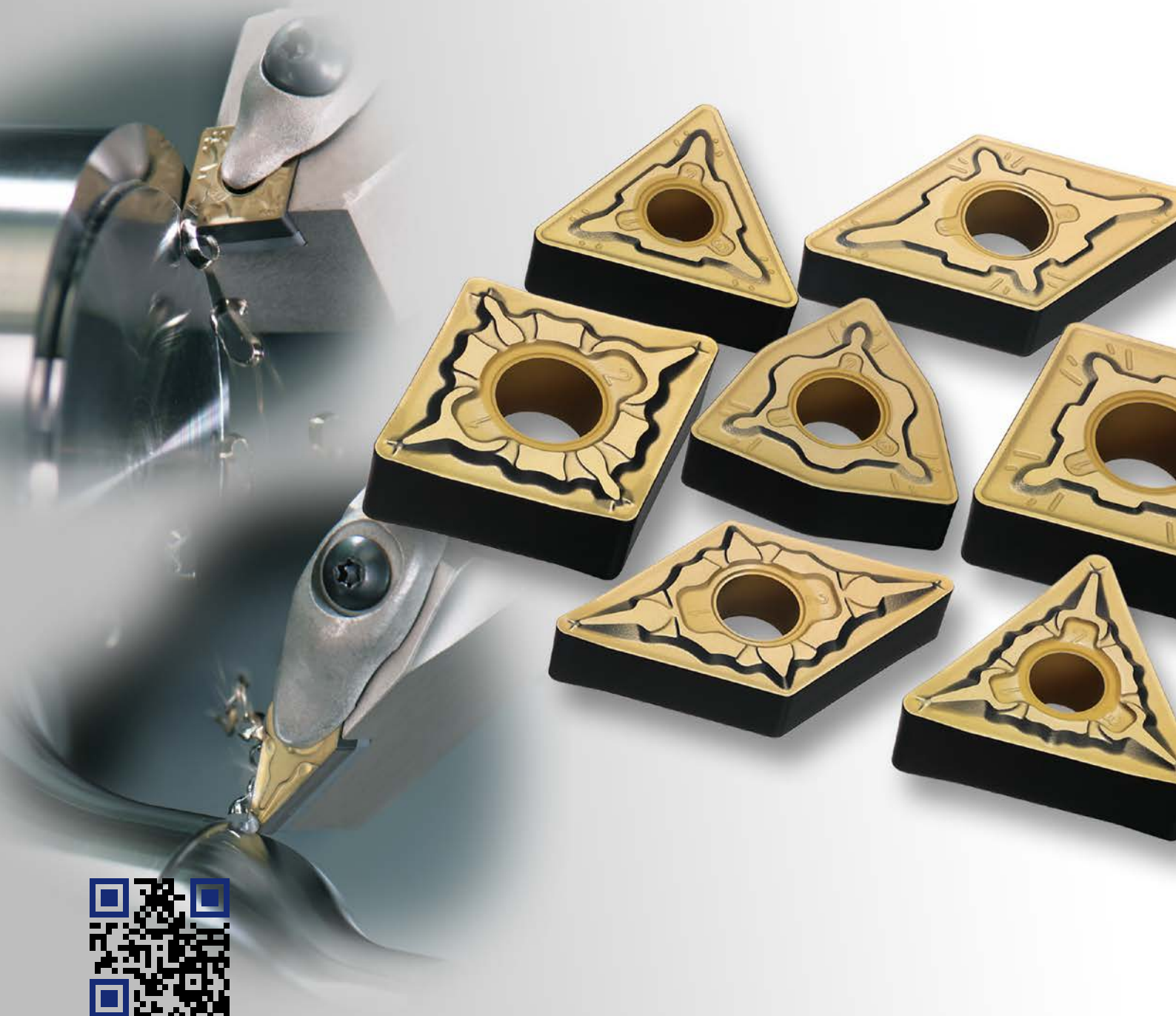


Grado rivestito CVD per la tornitura dell'acciaio

UE6110

**Espansione
serie**

Eccellente stabilità su una vasta gamma di applicazioni!



Grado rivestito CVD per la tornitura dell'acciaio

UE6110

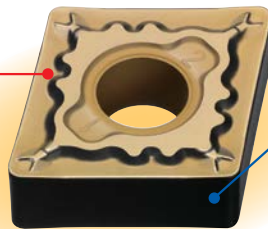
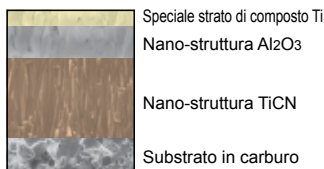
Caratteristiche

Prestazioni superiori grazie alla tecnologia 2 in 1.

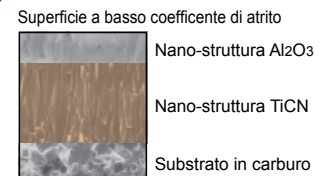
Elevata resistenza all'usura da craterizzazione

Il rivestimento dorato superficiale in Ti garantisce una eccezionale resistenza all'usura da craterizzazione. gli ulteriori strati di rivestimento esterno inoltre migliorano la resistenza all'usura e grazie alla nano-struttura Al_2O_3 , si possono ottenere elevate prestazioni macchina con alte velocità di taglio.

Struttura rivestimento della faccia inclinata



Struttura del rivestimento sulla superficie del fianco



Confronto di usura da craterizzazione

Inserto : CNMG120408-MA
Pezzo da lavorare : 40NiCrMo22
Condizioni di taglio : Velocità di taglio 250 m/min, Avanzamento 0,3 mm/giro, Profondità di taglio 1,5 mm, Taglio a secco, tempo di taglio 7 min

Con il rivestimento in Ti



Minore usura di craterizzazione

Senza il rivestimento in Ti



Usura di craterizzazione elevata

Confronto di usura sul fianco

Inserto : CNMG120408-00
Pezzo da lavorare : 42Cr4
Condizioni di taglio : Velocità di taglio 200m/min, Avanzamento 0,3 mm/giro, Profondità di taglio 1,5 mm, Taglio a secco, tempo di taglio 2 min

UE6110



Usura stabile, uniforme

Concorrenza



Usura instabile non uniforme

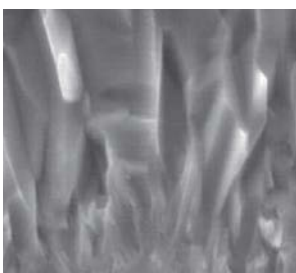
Rivestimento all'avanguardia caratterizzato dalla tecnologia 2 in 1

1 Nuovo rivestimento "nano-struttura Al_2O_3 "

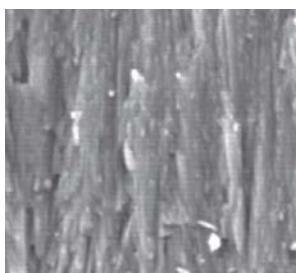
La nuova e unica tecnologia di rivestimento Mitsubishi Materials della nano-struttura TiCN e Al_2O_3 consente un'elevata resistenza alle fratture e all'usura.

Confronto della microstruttura cristallina

Rivestimento tradizionale



Rivestimento nano-struttura



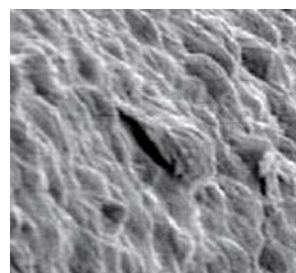
Anche sui micro cristalli, la nano struttura risulta fine e compatta.

2 Nuovo "rivestimento nero" a basso coefficiente di attrito

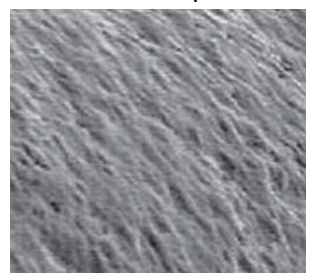
Una superficie di rivestimento estremamente liscia inibisce la propagazione dell'usura durante la lavorazione e crea finiture superficiali di alta qualità evitando la saldatura e l'adesione dei trucioli.

Confronto superficie rivestimento

Rivestimento tradizionale



Rivestimento nero super-uniforme



Tecnologia 2 in 1 per taglio stabile con elevata resistenza all'usura e alla frattura.

Campo di applicazione

UE6110 è la scelta prioritaria per la tornitura dell'acciaio. Adatto per lavorazioni di acciaio dolce, acciaio al carbonio, acciaio legato, acciaio per cuscinetti e senza piombo.

Campo di applicazione

ISO	Acciaio	
P01	UE6105	UE6110
P10		
P20	ML6025	UE6020
P30		
P40	UE6035	UH6400

Gamma dei rompitruccioli per il taglio dell'acciaio (inserti negativi)

Applicazione	Tolleranza	Rompitruccioli	Caratteristiche	Geometria sezione trasversale
Taglio leggero	M	NEW LP	<p>Prima raccomandazione per il taglio leggero di acciaio al carbonio e acciaio legato</p> <p>Controllo dei trucioli stabile a piccole profondità di taglio. Il tagliente curvo consente una scorrevole evacuazione dei trucioli.</p>	<p>Punta 15° 0.1</p> <p>Fianco 11° 0.2</p>
Taglio medio	M	NEW MP	<p>Prima raccomandazione per il taglio medio di acciaio al carbonio e acciaio legato</p> <p>Adatto alla lavorazione da media a leggera. Geometria del rompitrucciolo idonea per la copiatura e la retro-tornitura. Geometria del tagliente per un equilibrio ottimale tra taglienza e resistenza a rottura.</p>	<p>Punta 15° 0.15</p> <p>Fianco 11° 0.2</p>
Taglio pesante	M	NEW RP	<p>Prima raccomandazione per il taglio in sgrossatura di acciaio al carbonio e acciaio legato</p> <p>Per tagli interrotti e lavorazioni su crosta. Buon bilanciamento tra taglienza e robustezza grazie all'appropriato angolo di spoglia.</p>	<p>Punta 3° 0.33</p> <p>Fianco 0.33</p>

Gamma dei rompitruccioli per il taglio dell'acciaio (inserti positivi)

Applicazione	Tolleranza	Rompitruccioli	Caratteristiche	Geometria sezione trasversale
Taglio di finitura	M	NEW FP	<p>Prima raccomandazione per la finitura di acciaio al carbonio e acciaio legato</p> <p>La protuberanza sulla punta del tagliente, controlla i trucioli anche con piccole profondità di taglio. Il tagliente tenace, evita fratture anomale.</p> <p>7° Inserto positivo</p>	<p>Punta 6°</p> <p>Fianco 6°</p>
Taglio leggero	M	NEW LP	<p>Prima raccomandazione per il taglio leggero di acciaio al carbonio e acciaio legato</p> <p>Eccellente affilatura del tagliente grazie all'ampio angolo di spoglia. Previene la saldatura dei trucioli e garantisce buone finiture superficiali. Rompitrucciolo ottimizzato per un'ampia gamma di controllo dei trucioli.</p> <p>7° Inserto positivo</p>	<p>Punta 18°</p> <p>Fianco 8°</p>
Taglio medio	M	NEW MP	<p>Prima raccomandazione per il taglio medio di acciaio al carbonio e acciaio legato</p> <p>La superficie piatta produce un'eccellente resistenza all'usura e una superiore resistenza alla frattura. L'ampia tasca riduce le vibrazioni e l'intasamento dei trucioli, evita anche l'aumento della resistenza al taglio anche ad elevate profondità di passata.</p> <p>7° Inserto positivo</p>	<p>Punta 18° 0.1</p> <p>Fianco 18° 0.1</p>

Selezione ottimale degli inserti

P Acciaio dolce, al carbonio, acciaio legato

INSERTI NEGATIVI

	Finitura	Taglio leggero	Taglio medio	Sgrossatura	Taglio pesante
●	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

INSERTI POSITIVI 7° CON FORO

	Finitura	Taglio leggero	Taglio medio
●	FP NX2525	LP NX2525	MP NX2525
◐	FP UE6110	LP UE6110	MP UE6110
⊕	FP MC6025	LP MC6025	MP MC6025

INSERTI POSITIVI 11° CON FORO

	Finitura	Taglio leggero	Taglio medio
●	R-R/L NX2525	Standard NX2525	Standard NX2525
◐	R-R/L NX2525	Standard UE6110	Standard UE6110
⊕	R-R/L UTi20T	Standard UE6020	Standard UE6020

CONDIZIONI DI TAGLIO

●	Taglio stabile Taglio continuo Profondità costante di taglio Pre-lavorato Componente bloccato in modo sicuro
◐	Taglio generico
⊕	Taglio instabile Taglio pesante interrotto Profondità irregolare di taglio Ridotta rigidità di bloccaggio

Condizioni di taglio raccomandate

Inseri negativi

Materiale da lavorare	Durezza	Modalità di taglio		Rompitrucioli	Velocità di taglio (m/min)	Avanzamento (mm/giro)	Profondità di taglio(mm)
P Acciaio al carbonio, acciaio legato (Ck45, 41CrMo4)	180–280HB	Taglio generico	Finitura	FH	230–390	0.08–0.20	0.20–1.00
		Taglio generico	Taglio leggero	LP	210–355	0.10–0.40	0.30–2.00
		Taglio generico		SH	210–355	0.10–0.40	0.30–2.00
		Taglio generico		SA	210–355	0.10–0.40	0.30–2.00
		Taglio generico		SW	210–355	0.10–0.50	0.30–2.50
		Taglio generico		Taglio medio	MP	190–325	0.16–0.50
		Taglio generico	MA		190–325	0.20–0.50	0.30–4.00
		Taglio generico	MH		190–325	0.20–0.55	1.00–4.00
		Taglio generico	Std		190–325	0.25–0.60	1.50–5.00
		Taglio generico	MW		190–325	0.20–0.60	0.90–4.00
		Taglio generico	Sgrossatura	RP	180–310	0.25–0.60	1.50–6.00
		Taglio generico		GH	180–310	0.25–0.60	1.50–6.00
		Taglio stabile	Lavorazione pesante	HX	160–275	0.50–1.26	3.00–11.00
		Taglio stabile		HV	135–275	0.70–1.30	4.00–12.00
		Taglio generico		HZ	160–275	0.40–1.20	2.00–10.00

Inseri positivi 5°/7°

Materiale da lavorare	Durezza	Modalità di taglio		Rompitrucioli	Velocità di taglio (m/min)	Avanzamento (mm/giro)	Profondità di taglio(mm)
P Acciaio dolce (Ck15, Ck25)	≤180HB	Taglio generico	Finitura	FP	250–425	0.04–0.20	0.20–0.90
		Taglio generico	Taglio leggero	LP	250–425	0.06–0.25	0.20–1.00
		Taglio generico	Taglio medio	MP	205–350	0.08–0.30	0.30–2.00
Acciaio al carbonio, acciaio legato (Ck45, 41CrMo4)	180–280HB	Taglio generico	Finitura	FP	185–310	0.04–0.20	0.20–0.90
		Taglio generico	Taglio leggero	LP	185–310	0.06–0.25	0.20–1.00
		Taglio generico	Taglio medio	MP	150–260	0.08–0.30	0.30–2.00
Acciaio al carbonio, acciaio legato (Ck45, 41CrMo4)	280–350HB	Taglio generico	Taglio medio	MP	110–185	0.08–0.30	0.30–2.00


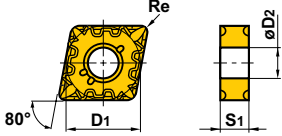

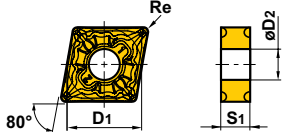

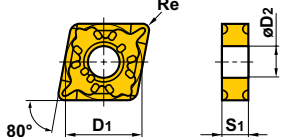

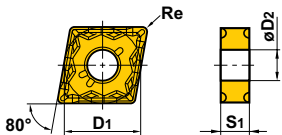

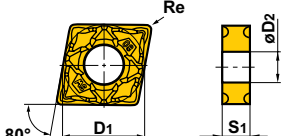

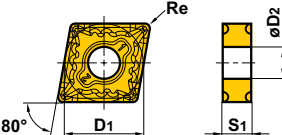

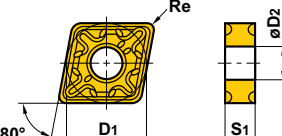
Inseri positivi 11°


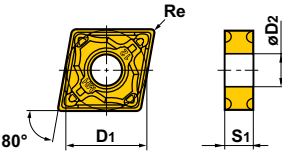

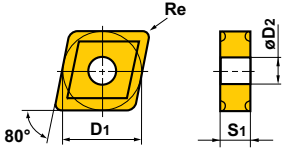

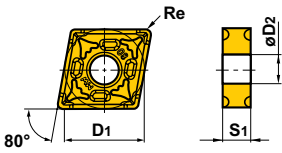

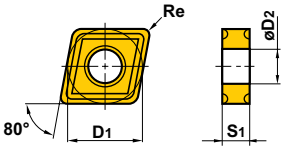

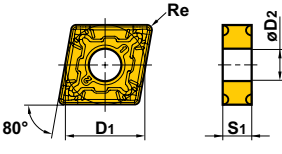

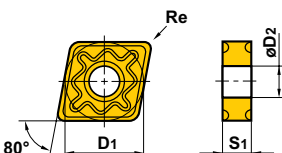
Materiale da lavorare	Durezza	Modalità di taglio		Rompitrucioli	Velocità di taglio (m/min)	Avanzamento (mm/giro)	Profondità di taglio(mm)
P Acciaio dolce (Ck15, Ck25)	≤180HB	Taglio generico	Taglio medio	Standard	205–350	0.08–0.30	0.30–2.00
Acciaio al carbonio, acciaio legato (Ck45, 41CrMo4)	180–280HB	Taglio generico	Taglio medio	Standard	150–260	0.08–0.30	0.30–2.00
K Ghisa (GG30)	≤350MPa	Taglio generico	Taglio medio	—	130–200	0.08–0.30	0.30–2.00
	≤450MPa	Taglio generico	Taglio medio	—	120–190	0.08–0.30	0.30–2.00
	≤800MPa	Taglio generico	Taglio medio	—	105–170	0.08–0.30	0.30–2.00

UE6110

INSERTI

● Inserti negativi (con foro)


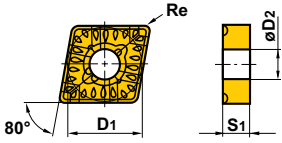

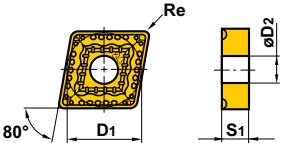

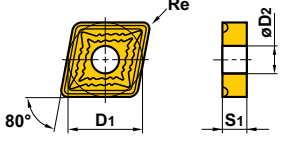

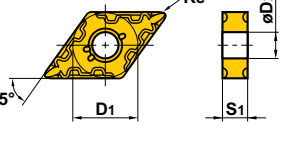

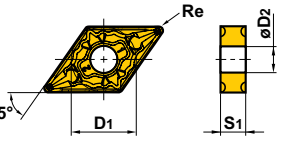

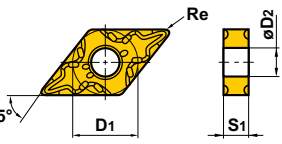

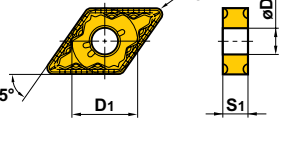
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Taglio di finitura	CNMG120402-FH	●	12.7	4.76	0.2	5.16	
	120404-FH	●	12.7	4.76	0.4	5.16	
	120408-FH	●	12.7	4.76	0.8	5.16	
 Taglio leggero	CNMG120404-LP	●	12.7	4.76	0.4	5.16	
	120408-LP	●	12.7	4.76	0.8	5.16	
	120412-LP	●	12.7	4.76	1.2	5.16	
 Taglio leggero	CNMG09T304-SH	●	9.525	3.97	0.4	3.81	
	09T308-SH	●	9.525	3.97	0.8	3.81	
	120404-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	
 Taglio leggero	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	
 Taglio leggero (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	
 Taglio 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	
 Taglio 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	
	190616-MA	●	19.05	6.35	1.6	7.93	


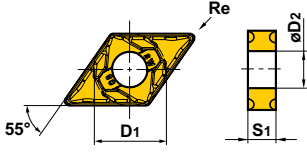

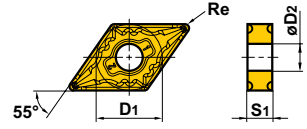

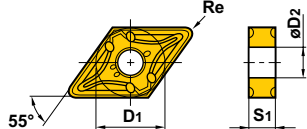

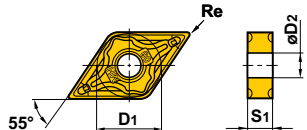

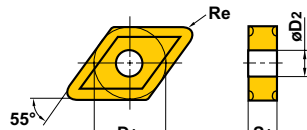

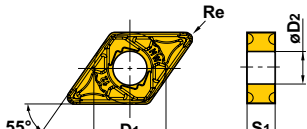
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		<i>UE6110</i>	D1	S1	Re	D2	
 Taglio medio	CNMG120404-MH	●	12.7	4.76	0.4	5.16	
	120408-MH	●	12.7	4.76	0.8	5.16	
	120412-MH	●	12.7	4.76	1.2	5.16	
	120416-MH	●	12.7	4.76	1.6	5.16	
	160608-MH	●	15.875	6.35	0.8	6.35	
	160612-MH	●	15.875	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	
 Taglio medio	CNMG090308	●	9.525	3.18	0.8	3.81	
	09T304	●	9.525	3.97	0.4	3.81	
	09T308	●	9.525	3.97	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	
	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		
 Taglio medio (Wiper)	CNMG120408-MW	●	12.7	4.76	0.8	5.16	
	120412-MW	●	12.7	4.76	1.2	5.16	
 Taglio medio	CNMG090308-MS	●	9.525	3.18	0.8	3.81	
	09T308-MS	●	9.525	3.97	0.8	3.81	
	120404-MS	●	12.7	4.76	0.4	5.16	
	120412-MS	●	12.7	4.76	1.2	5.16	
 Taglio pesante	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	
 Taglio pesante	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		

UE6110

INSERTI

● Inserti negativi (con foro)


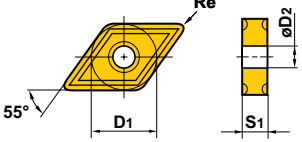

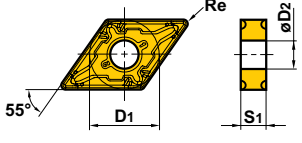
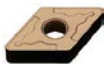
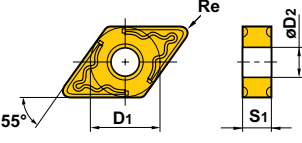

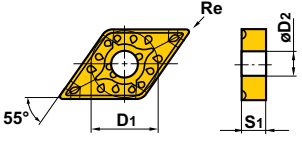

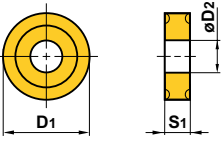

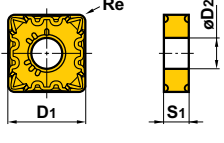

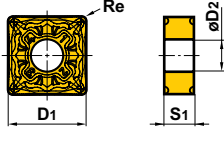

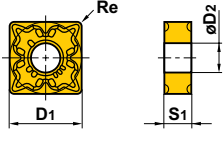
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Lavorazione pesante	CNMM120408-HZ	●	12.7	4.76	0.8	5.16	
	120412-HZ	●	12.7	4.76	1.2	5.16	
	160612-HZ	●	15.875	6.35	1.2	6.35	
	160616-HZ	●	15.875	6.35	1.6	6.35	
	190612-HZ	●	19.05	6.35	1.2	7.93	
	190616-HZ	●	19.05	6.35	1.6	7.93	
 Lavorazione pesante	CNMM190612-HX	●	19.05	6.35	1.2	7.93	
	190616-HX	●	19.05	6.35	1.6	7.93	
	190624-HX	●	19.05	6.35	2.4	7.93	
	250924-HX	●	25.4	9.52	2.4	9.12	
 Lavorazione pesante	CNMM190616-HV	●	19.05	6.35	1.6	7.93	
	190624-HV	●	19.05	6.35	2.4	7.93	
	250924-HV	●	25.4	9.52	2.4	9.12	
 Taglio leggero	DNMG150402-FH	●	12.7	4.76	0.2	5.16	
	150404-FH	●	12.7	4.76	0.4	5.16	
	150408-FH	●	12.7	4.76	0.8	5.16	
	150602-FH	●	12.7	6.35	0.2	5.16	
	150604-FH	●	12.7	6.35	0.4	5.16	
	150608-FH	●	12.7	6.35	0.8	5.16	
 Taglio leggero	NEW 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	
 Taglio leggero	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	
	150612-SH	●	12.7	6.35	1.2	5.16	
 Taglio leggero	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	
	150612-SA	●	12.7	6.35	1.2	5.16	


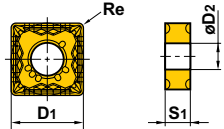

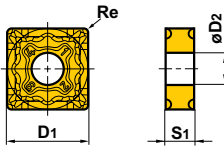

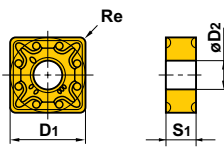

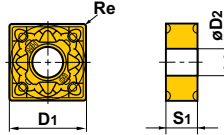

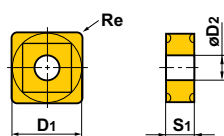

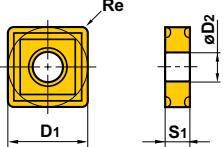

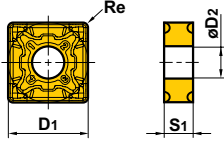
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
SW  Taglio leggero (Wiper)	DNMX150404-SW	●	12.7	4.76	0.4	5.16	
	150408-SW	●	12.7	4.76	0.8	5.16	
	150412-SW	●	12.7	4.76	1.2	5.16	
	150604-SW	●	12.7	6.35	0.4	5.16	
	150608-SW	●	12.7	6.35	0.8	5.16	
	150612-SW	●	12.7	6.35	1.2	5.16	
MP  Taglio medio	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	
	150612-MP	●	12.7	6.35	1.2	5.16	
	150616-MP	●	12.7	6.35	1.6	5.16	
MA  Taglio medio	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	
	150612-MA	●	12.7	6.35	1.2	5.16	
	150616-MA	●	12.7	6.35	1.6	5.16	
MH  Taglio 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	
Standard  Taglio medio	DNMG110408	●	9.525	4.76	0.8	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	
	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	
150616	●	12.7	6.35	1.6	5.16		
MW  Taglio 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	

UE6110

INSERTI

● Inserti negativi (con foro)


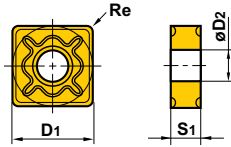

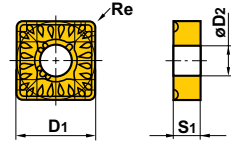

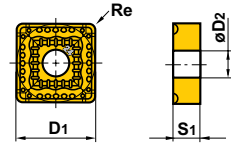

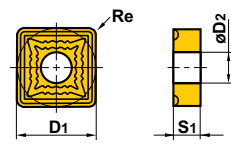

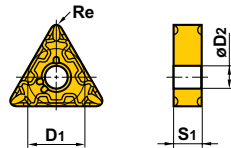

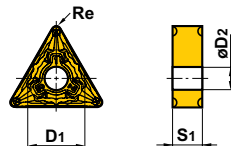

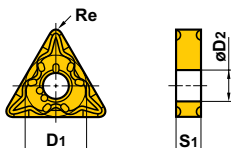

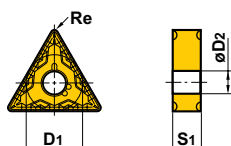
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Taglio medio	DNMG110408-MS	●	9.525	4.76	0.8	3.81	
	150404-MS	●	12.7	4.76	0.4	5.16	
	150408-MS	●	12.7	4.76	0.8	5.16	
	150412-MS	●	12.7	4.76	1.2	5.16	
	150604-MS	●	12.7	6.35	0.4	5.16	
	150608-MS	●	12.7	6.35	0.8	5.16	
	150612-MS	●	12.7	6.35	1.2	5.16	
NEW  Taglio pesante	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		
 Taglio pesante	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	
 Taglio pesante	DNMG150408-HZ	●	12.7	4.76	0.8	5.16	
	150412-HZ	●	12.7	4.76	1.2	5.16	
	150608-HZ	●	12.7	6.35	0.8	5.16	
	150612-HZ	●	12.7	6.35	1.2	5.16	
 Taglio medio	RNMG120400	●	12.7	4.76	—	5.16	
 Taglio di finitura	SNMG120404-FH	●	12.7	4.76	0.4	5.16	
	120408-FH	●	12.7	4.76	0.8	5.16	
NEW  Taglio leggero	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	
 Taglio leggero	SNMG120404-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	

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
SA  Taglio leggero	SNMG120404-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	
MP  Taglio 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  Taglio medio	SNMG120404-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	
	150608-MA	●	15.875	6.35	0.8	6.35	
	150612-MA	●	15.875	6.35	1.2	6.35	
	150616-MA	●	15.875	6.35	1.6	6.35	
	190612-MA	●	19.05	6.35	1.2	7.93	
190616-MA	●	19.05	6.35	1.6	7.93		
MH  Taglio 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	
Standard  Taglio 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	
	120416	●	12.7	4.76	1.6	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		
MS  Taglio medio	SNMG120404-MS	●	12.7	4.76	0.4	5.16	
	120408-MS	●	12.7	4.76	0.8	5.16	
	120412-MS	●	12.7	4.76	1.2	5.16	
NEW RP  Taglio pesante	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	


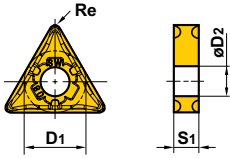

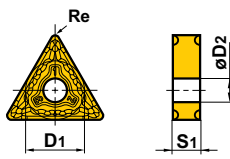

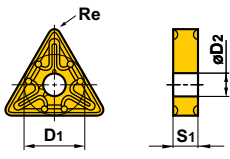

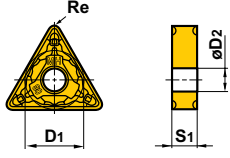

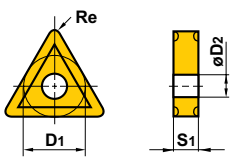

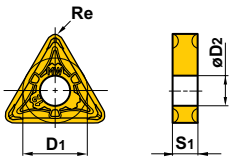
UE6110

INSERTI

● Inserti negativi (con foro)

Forma	Codice ordinazione	Disponibilità		Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2		
 Taglio pesante	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		
	150616-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		
 Lavorazione pesante	SNMM120408-HZ	●	12.7	4.76	0.8	5.16		
	120412-HZ	●	12.7	4.76	1.2	5.16		
	150612-HZ	●	15.875	6.35	1.2	6.35		
	190612-HZ	●	19.05	6.35	1.2	7.93		
	190616-HZ	●	19.05	6.35	1.6	7.93		
 Lavorazione pesante	SNMM190612-HX	●	19.05	6.35	1.2	7.93		
	190616-HX	●	19.05	6.35	1.6	7.93		
	190624-HX	●	19.05	6.35	2.4	7.93		
	250724-HX	●	25.4	7.94	2.4	9.12		
	250924-HX	●	25.4	9.52	2.4	9.12		
 Lavorazione pesante	SNMM190616-HV	●	19.05	6.35	1.6	7.93		
	190624-HV	●	19.05	6.35	2.4	7.93		
	250724-HV	●	25.4	7.94	2.4	9.12		
	250924-HV	●	25.4	9.53	2.4	9.12		
 Taglio di finitura	TNMG160402-FH	●	9.525	4.76	0.2	3.81		
	160404-FH	●	9.525	4.76	0.4	3.81		
	160408-FH	●	9.525	4.76	0.8	3.81		
 Taglio leggero	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		
	220412-LP	●	12.7	4.76	1.2	5.16		
 Taglio leggero	TNMG160404-SH	●	9.525	4.76	0.4	3.81		
	160408-SH	●	9.525	4.76	0.8	3.81		
	220408-SH	●	12.7	4.76	0.8	5.16		
 Taglio leggero	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		
	220408-SA	●	12.7	4.76	0.8	5.16		
	220412-SA	●	12.7	4.76	1.2	5.16		


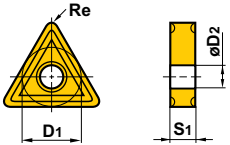

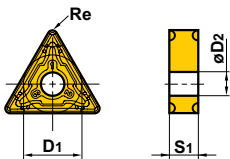

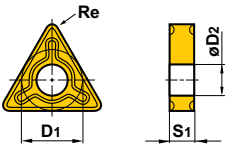

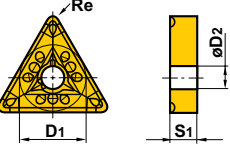

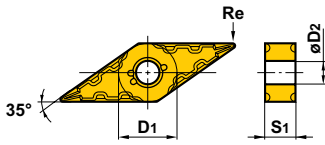

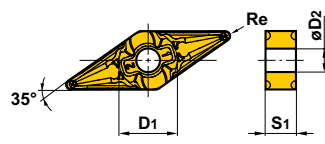

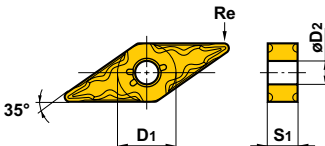

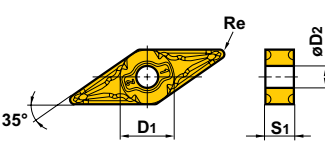
● : Inventario mantenuto

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
SW  Taglio leggero (Wiper)	TNMX160404-SW	●	9.525	4.76	0.4	3.81	
	160408-SW	●	9.525	4.76	0.8	3.81	
MP  Taglio medio	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	
MA  Taglio 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	
MH  Taglio 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	
Standard  Taglio medio	TNMG110304	●	6.35	3.18	0.4	2.26	
	110308	●	6.35	3.18	0.8	2.26	
	160304	●	9.525	3.18	0.4	3.81	
	160308	●	9.525	3.18	0.8	3.81	
	160404	●	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	
	160416	●	9.525	4.76	1.6	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	
	220416	●	12.7	4.76	1.6	5.16	
	270608	●	15.875	6.35	0.8	6.35	
	270612	●	15.875	6.35	1.2	6.35	
270616	●	15.875	6.35	1.6	6.35		
MW  Taglio leggero (Wiper)	TNMX160408-MW	●	9.525	4.76	0.8	3.81	
	160412-MW	●	9.525	4.76	1.2	3.81	


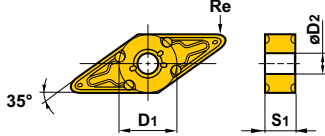

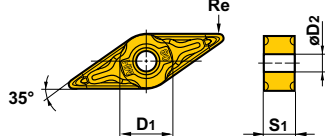

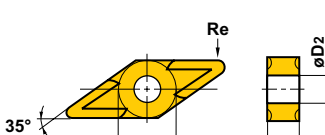

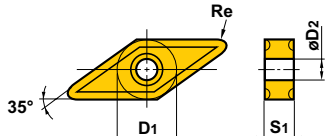

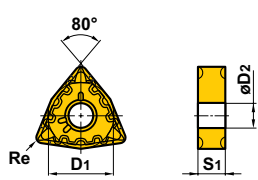

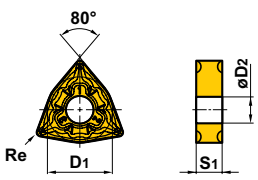

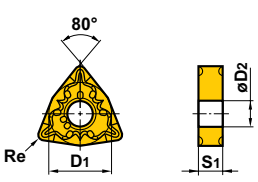

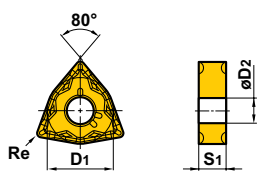
UE6110

INSERTI

● Inserti negativi (con foro)

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
	TNMG160404-MS	●	9.525	4.76	0.4	3.81	
	160408-MS	●	9.525	4.76	0.8	3.81	
	160412-MS	●	9.525	4.76	1.2	3.81	
	220408-MS	●	12.7	4.76	0.8	5.16	
Taglio medio							
	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	
Taglio pesante							
	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		
Taglio pesante							
	TNMM160408-HZ	●	9.525	4.76	0.8	3.81	
	220408-HZ	●	12.7	4.76	0.8	5.16	
	220412-HZ	●	12.7	4.76	1.2	5.16	
	220416-HZ	●	12.7	4.76	1.6	5.16	
Lavorazione pesante							
	VNMG160402-FH	●	9.525	4.76	0.2	3.81	
	160404-FH	●	9.525	4.76	0.4	3.81	
	160408-FH	●	9.525	4.76	0.8	3.81	
Taglio di finitura							
	VNMG160404-LP	●	9.525	4.76	0.4	3.81	
	160408-LP	●	9.525	4.76	0.8	3.81	
Taglio leggero							
	VNMG160404-SH	●	9.525	4.76	0.4	3.81	
	160408-SH	●	9.525	4.76	0.8	3.81	
Taglio leggero							
	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	
Taglio medio							


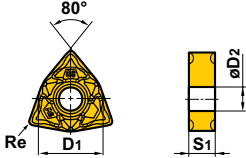

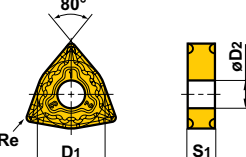

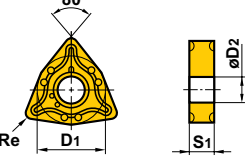

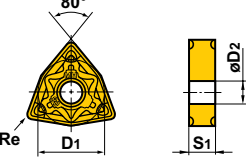

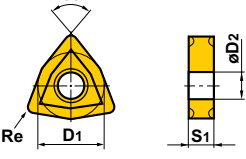

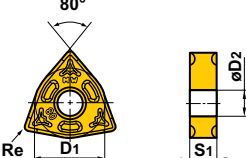
● : **broeckhant** **tautenuto**


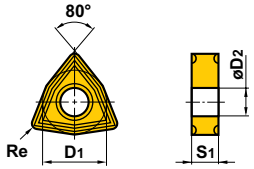

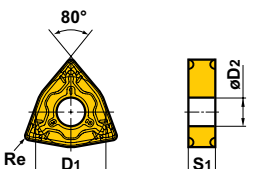

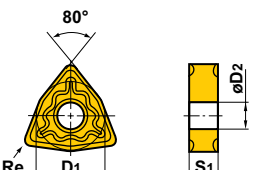
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
MA 	VNMG160404-MA	●	9.525	4.76	0.4	3.81	
	160408-MA	●	9.525	4.76	0.8	3.81	
Taglio medio							
MH 	VNMG160404-MH	●	9.525	4.76	0.4	3.81	
	160408-MH	●	9.525	4.76	0.8	3.81	
Taglio medio							
Standard 	VNMG160404	●	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	
Taglio medio							
MS 	VNMG160404-MS	●	9.525	4.76	0.4	3.81	
	160408-MS	●	9.525	4.76	0.8	3.81	
Taglio medio							
FH 	WNMG080404-FH	●	12.7	4.76	0.4	5.16	
	080408-FH	●	12.7	4.76	0.8	5.16	
Taglio di finitura							
NEW LP 	WNMG06T304-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	
Taglio leggero							
SH 	WNMG06T304-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	
Taglio leggero							
SA 	WNMG080404-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	
Taglio leggero							

UE6110


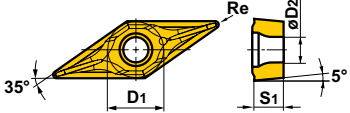

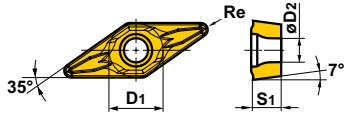

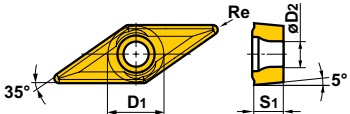

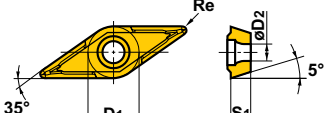
INSERTI

● Inserti negativi (con foro)

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Taglio leggero (Wiper)	WNMG060404-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	
 Taglio medio	WNMG06T304-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		
 Taglio medio	WNMG06T304-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		
 Taglio medio	WNMG080404-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	
 Taglio medio	WNMG080404	●	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	
 Taglio medio (Wiper)	WNMG060408-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	

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
MS  Taglio medio	WNMG06T304-MS	●	9.525	3.97	0.4	3.81	
	06T308-MS	●	9.525	3.97	0.8	3.81	
	060404-MS	●	9.525	4.76	0.4	3.81	
	060408-MS	●	9.525	4.76	0.8	3.81	
	080404-MS	●	12.7	4.76	0.4	5.16	
	080408-MS	●	12.7	4.76	0.8	5.16	
	080412-MS	●	12.7	4.76	1.2	5.16	
NEW RP  Taglio pesante	WNMG080408-RP	●	12.7	4.76	0.8	5.16	
	080412-RP	●	12.7	4.76	1.2	5.16	
GH  Taglio pesante	WNMG080408-GH	●	12.7	4.76	0.8	5.16	
	080412-GH	●	12.7	4.76	1.2	5.16	


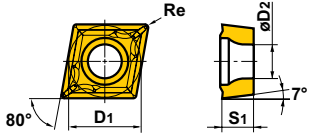

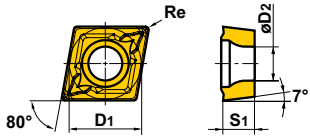

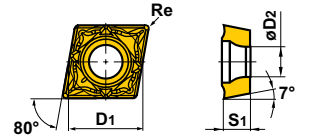

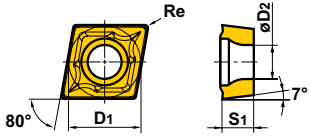

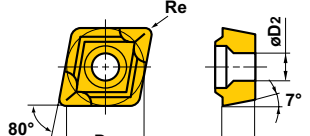

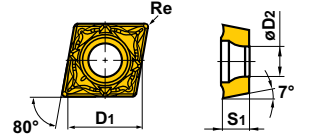

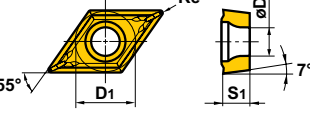
● Insetti positivi 5° (con foro)

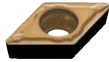
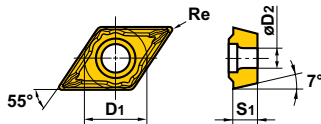

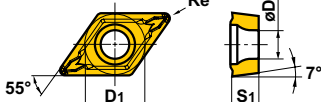

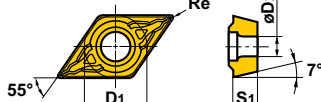

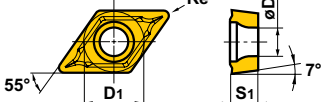

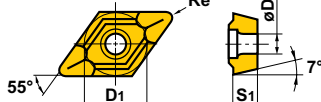

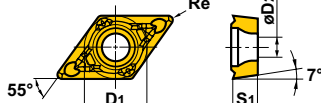

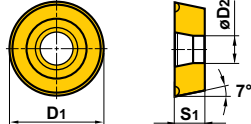
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
FH  Taglio di finitura	VBMT110302-FP	●	6.35	3.18	0.2	2.9	
	110304-FP	●	6.35	3.18	0.4	2.9	
	110308-FP	●	6.35	3.18	0.8	2.9	
	160404-FP	●	9.525	4.76	0.4	4.4	
	160408-FP	●	9.525	4.76	0.8	4.4	
LP  Taglio leggero	VBMT110304-LP	●	6.35	3.18	0.4	2.9	
	110308-LP	●	6.35	3.18	0.8	2.9	
	160404-LP	●	9.525	4.76	0.4	4.4	
	160408-LP	●	9.525	4.76	0.8	4.4	
MP  Taglio medio	VBMT160404-MP	●	9.525	4.76	0.4	4.4	
	160408-MP	●	9.525	4.76	0.8	4.4	
Standard  Taglio medio	VBMT160404	●	9.525	4.76	0.4	4.43	
	160408	●	9.525	4.76	0.8	4.43	

UE6110

INSERTI

● Inserti positivi 7° (con foro)


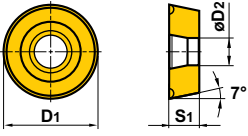

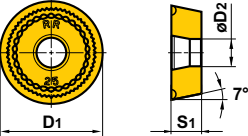

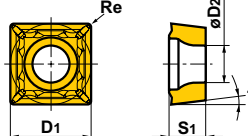

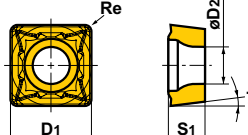

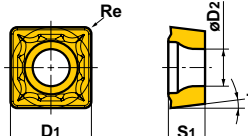

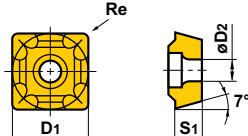

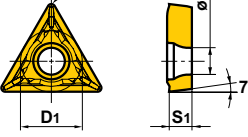

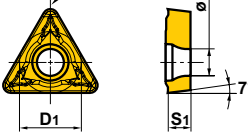
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
	NEW CCMT060202-FP	●	6.35	2.38	0.2	2.8	
	060204-FP	●	6.35	2.38	0.4	2.8	
	09T302-FP	●	9.525	3.97	0.2	4.4	
	09T304-FP	●	9.525	3.97	0.4	4.4	
	09T308-FP	●	9.525	3.97	0.8	4.4	
Taglio di finitura							
	NEW CCMT060204-LP	●	6.35	2.38	0.4	2.8	
	060208-LP	●	6.35	2.38	0.8	2.8	
	09T304-LP	●	9.525	3.97	0.4	4.4	
	09T308-LP	●	9.525	3.97	0.8	4.4	
Taglio leggero							
	CCMT060202-SW	●	6.35	2.38	0.2	2.8	
	060204-SW	●	6.35	2.38	0.4	2.8	
	09T302-SW	●	9.525	3.97	0.2	4.4	
	09T304-SW	●	9.525	3.97	0.4	4.4	
Taglio leggero (Wiper)							
	NEW CCMT060204-MP	●	6.35	2.38	0.4	2.8	
	060208-MP	●	6.35	2.38	0.8	2.8	
	09T304-MP	●	9.525	3.97	0.4	4.4	
	09T308-MP	●	9.525	3.97	0.8	4.4	
	120404-MP	●	12.7	4.76	0.4	5.5	
	120408-MP	●	12.7	4.76	0.8	5.5	
Taglio medio	120412-MP	●	12.7	4.76	1.2	5.5	
	Standard CCMT060202	●	6.35	2.38	0.2	2.8	
	060204	●	6.35	2.38	0.4	2.8	
	060208	●	6.35	2.38	0.8	2.8	
	080302	●	7.94	3.18	0.2	3.4	
	080304	●	7.94	3.18	0.4	3.4	
	080308	●	7.94	3.18	0.8	3.4	
	09T302	●	9.525	3.97	0.2	4.4	
	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	
	Taglio medio	120412	●	12.7	4.76	1.2	
	CCMT060208-MW	●	6.35	2.38	0.8	2.8	
	09T304-MW	●	9.525	3.97	0.4	4.4	
	09T308-MW	●	9.525	3.97	0.8	4.4	
	120404-MW	●	12.7	4.76	0.4	5.5	
	120408-MW	●	12.7	4.76	0.8	5.5	
Taglio medio (Wiper)							
	NEW DCMT070202-FP	●	6.35	2.38	0.2	2.8	
	070204-FP	●	6.35	2.38	0.4	2.8	
	11T302-FP	●	9.525	3.97	0.2	4.4	
	11T304-FP	●	9.525	3.97	0.4	4.4	
	11T308-FP	●	9.525	3.97	0.8	4.4	
Taglio di finitura							


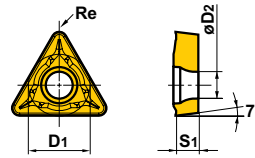

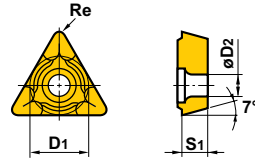

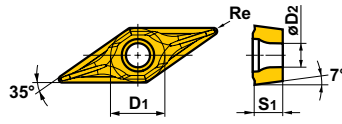

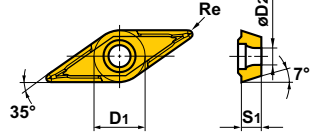

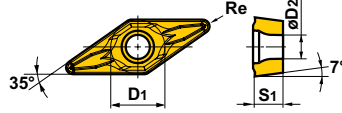

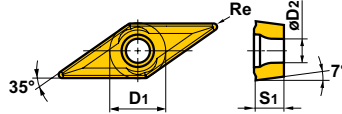

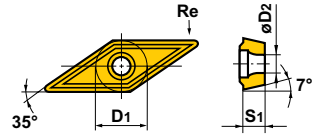
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
	DCMT070202-FV	●	6.35	2.38	0.2	2.8	
	070204-FV	●	6.35	2.38	0.4	2.8	
	11T304-FV	●	9.525	3.97	0.4	4.4	
	11T308-FV	●	9.525	3.97	0.8	4.4	
Taglio di finitura							
	DCMT070204-LP	●	6.35	2.38	0.4	2.8	
	070208-LP	●	6.35	2.38	0.8	2.8	
	11T304-LP	●	9.525	3.97	0.4	4.4	
	11T308-LP	●	9.525	3.97	0.8	4.4	
Taglio leggero							
	DCMT070204-SV	●	6.35	2.38	0.4	2.8	
	070208-SV	●	6.35	2.38	0.8	2.8	
	11T302-SV	●	9.525	3.97	0.2	4.4	
	11T304-SV	●	9.525	3.97	0.4	4.4	
	11T308-SV	●	9.525	3.97	0.8	4.4	
Taglio leggero							
	DCMT070204-MP	●	6.35	2.38	0.4	2.8	
	070208-MP	●	6.35	2.38	0.8	2.8	
	11T304-MP	●	9.525	3.97	0.4	4.4	
	11T308-MP	●	9.525	3.97	0.8	4.4	
	150404-MP	●	12.7	4.76	0.4	5.5	
	150408-MP	●	12.7	4.76	0.8	5.5	
Taglio medio							
	DCMT070202	●	6.35	2.38	0.2	2.8	
	070204	●	6.35	2.38	0.4	2.8	
	070208	●	6.35	2.38	0.8	2.8	
	11T302	●	9.525	3.97	0.2	4.4	
	11T304	●	9.525	3.97	0.4	4.4	
	11T308	●	9.525	3.97	0.8	4.4	
	11T312	●	9.525	3.97	1.2	4.4	
	150404	●	12.7	4.76	0.4	5.5	
	150408	●	12.7	4.76	0.8	5.5	
	150412	●	12.7	4.76	1.2	5.5	
Taglio medio							
	DCMT070202-MV	●	6.35	2.38	0.2	2.8	
	070204-MV	●	6.35	2.38	0.4	2.8	
	070208-MV	●	6.35	2.38	0.8	2.8	
	11T302-MV	●	9.525	3.97	0.2	4.4	
	11T304-MV	●	9.525	3.97	0.4	4.4	
	11T308-MV	●	9.525	3.97	0.8	4.4	
Taglio medio							
	RCMT0602M0	●	6	2.38	—	2.8	
	0803M0	●	8	3.18	—	3.4	
Taglio medio							

UE6110

INSERTI

● Inserti positivi 7° (con foro)


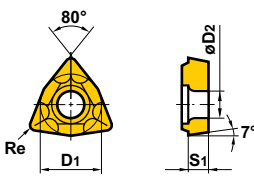
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
	RCMX1003M0	●	10	3.18	—	3.6	
	1204M0	●	12	4.76	—	4.2	
	1606M0	●	16	6.35	—	5.2	
	2006M0	●	20	6.35	—	6.5	
	2507M0	●	25	7.94	—	7.2	
	3209M0	●	32	9.52	—	9.5	
Taglio medio							
	RCMX1606M0-RR	●	16	6.35	—	5.2	
	2006M0-RR	●	20	6.35	—	6.5	
	2507M0-RR	●	25	7.94	—	7.2	
	3209M0-RR	●	32	9.52	—	9.5	
Taglio medio							
	SCMT09T304-FP	●	9.525	3.97	0.4	4.4	
	09T308-FP	●	9.525	3.97	0.8	4.4	
Taglio di finitura							
	SCMT09T304-LP	●	9.525	3.97	0.4	4.4	
	09T308-LP	●	9.525	3.97	0.8	4.4	
Taglio leggero							
	SCMT09T304-MP	●	9.525	3.97	0.4	4.4	
	09T308-MP	●	9.525	3.97	0.8	4.4	
	120404-MP	●	12.7	4.76	0.4	5.5	
	120408-MP	●	12.7	4.76	0.8	5.5	
Taglio 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	
	120412	●	12.7	4.76	1.2	5.5	
Taglio medio							
	TCMT090202-FP	●	5.56	2.38	0.2	2.5	
	090204-FP	●	5.56	2.38	0.4	2.5	
	110202-FP	●	6.35	2.38	0.2	2.8	
	110204-FP	●	6.35	2.38	0.4	2.8	
	16T304-FP	●	9.525	3.97	0.4	4.4	
Taglio di finitura							
	TCMT090204-LP	●	5.56	2.38	0.4	2.5	
	090208-LP	●	5.56	2.38	0.8	2.5	
	110204-LP	●	6.35	2.38	0.4	2.8	
	110208-LP	●	6.35	2.38	0.8	2.8	
	16T304-LP	●	9.525	3.97	0.4	4.4	
	16T308-LP	●	9.525	3.97	0.8	4.4	
Taglio leggero							

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		<i>UE6110</i>	D1	S1	Re	D2	
NEW MP 	TCMT090204-MP	●	5.56	2.38	0.4	2.5	
	090208-MP	●	5.56	2.38	0.8	2.5	
	110204-MP	●	6.35	2.38	0.4	2.8	
	110208-MP	●	6.35	2.38	0.8	2.8	
	130304-MP	●	7.94	3.18	0.4	3.4	
	16T304-MP	●	9.525	3.97	0.4	4.4	
	16T308-MP	●	9.525	3.97	0.8	4.4	
	16T312-MP	●	9.525	3.97	1.2	4.4	
Taglio medio							
Standard 	TCMT090204	●	5.56	2.38	0.4	2.5	
	110202	●	6.35	2.38	0.2	2.8	
	110204	●	6.35	2.38	0.4	2.8	
	110208	●	6.35	2.38	0.8	2.8	
	130304	●	7.94	3.18	0.4	3.4	
	16T304	●	9.525	3.97	0.4	4.4	
	16T308	●	9.525	3.97	0.8	4.4	
	16T312	●	9.525	3.97	1.2	4.4	
Taglio medio							
NEW FP 	VCMT110302-FP	●	6.35	3.18	0.2	2.8	
	110304-FP	●	6.35	3.18	0.4	2.8	
	160404-FP	●	9.525	4.76	0.4	4.4	
	160408-FP	●	9.525	4.76	0.8	4.4	
Taglio di finitura							
FV 	VCMT160404-FV	●	9.525	4.76	0.4	4.4	
	160408-FV	●	9.525	4.76	0.8	4.4	
Taglio di finitura							
NEW LP 	VCMT110304-LP	●	6.35	3.18	0.4	2.8	
	110308-LP	●	6.35	3.18	0.8	2.8	
	160404-LP	●	9.525	4.76	0.4	4.4	
	160408-LP	●	9.525	4.76	0.8	4.4	
Taglio leggero							
NEW MP 	VCMT160404-MP	●	9.525	4.76	0.4	4.4	
	160408-MP	●	9.525	4.76	0.8	4.4	
	160412-MP	●	9.525	4.76	1.2	4.4	
Taglio medio							
Standard 	VCMT110304	●	6.35	3.18	0.4	2.8	
	160404	●	9.525	4.76	0.4	4.4	
	160408	●	9.525	4.76	0.8	4.4	
	160412	●	9.525	4.76	1.2	4.4	
Taglio medio							


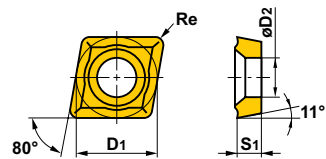
UE6110

INSERTI


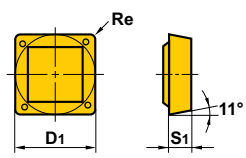

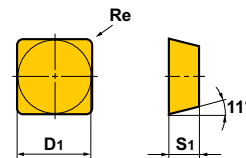
● Inserti positivi 7° (con foro)


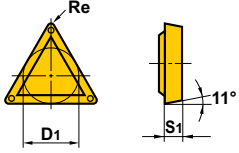

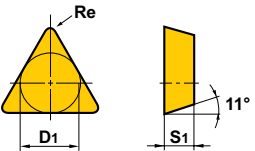
Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Taglio medio	WCMT020102	●	3.97	1.59	0.2	2.3	
	020104	●	3.97	1.59	0.4	2.3	
	L30202	●	4.76	2.38	0.2	2.3	
	L30204	●	4.76	2.38	0.4	2.3	
	040202	●	6.35	2.38	0.2	2.8	
	040204	●	6.35	2.38	0.4	2.8	
	06T304	●	9.525	3.97	0.4	4.4	
	06T308	●	9.525	3.97	0.8	4.4	

● Inserti positivi 11° (con foro)

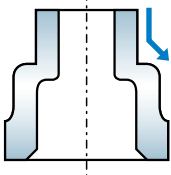
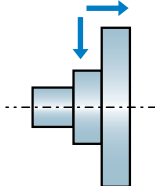
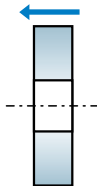
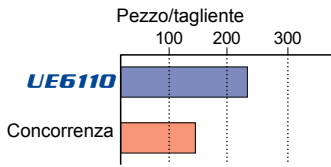
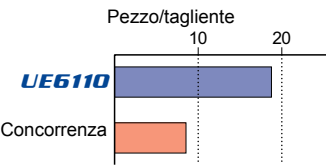

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)				Geometria
		UE6110	D1	S1	Re	D2	
 Taglio medio	CPMX080204	●	7.94	2.38	0.4	3.5	
	080208	●	7.94	2.38	0.8	3.5	
	090304	●	9.525	3.18	0.4	4.6	
	090308	●	9.525	3.18	0.8	4.6	

● Inserti positivi 11° (senza foro)

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)			Geometria
		UE6110	D1	S1	Re	
 Taglio da leggero a medio	SPMR090304	●	9.525	3.18	0.4	
	090308	●	9.525	3.18	0.8	
	120304	●	12.7	3.18	0.4	
	120308	●	12.7	3.18	0.8	
 Parte superiore piatta	SPMN090308	●	9.525	3.18	0.8	
	120304	●	12.7	3.18	0.4	
	120308	●	12.7	3.18	0.8	
	120312	●	12.7	3.18	1.2	

Forma	Codice ordinazione	Disponibilità	Dimensioni (mm)			Geometria
		UE6110	D1	S1	Re	
Standard  Taglio da leggero a medio	TPMR110304	●	6.35	3.18	0.4	
	110308	●	6.35	3.18	0.8	
	160304	●	9.525	3.18	0.4	
	160308	●	9.525	3.18	0.8	
	160312	●	9.525	3.18	1.2	
Parte superiore piatta 	TPMN110304	●	6.35	3.18	0.4	
	110308	●	6.35	3.18	0.8	
	160304	●	9.525	3.18	0.4	
	160308	●	9.525	3.18	0.8	
	160312	●	9.525	3.18	1.2	
	220404	●	12.7	4.76	0.4	
	220408	●	12.7	4.76	0.8	
	220412	●	12.7	4.76	1.2	

ESEMPI DI APPLICAZIONE

Inserto	CNMG120416-MA	WNMG080412-MW	TNMG160408-RP	
Pezzo da lavorare	100Cr6 	41CrMo4 	25CrMo4 	
Condizioni di taglio	Velocità di taglio (m/min)	240	210	250
	Avanzamento (mm/min)	0.3 – 0.4	0.3	0.25
	Profondità di taglio (mm)	3.0 – 4.0	3.0	2.0
Refrigerante	Taglio a umido	Taglio a umido	Taglio a umido	
Risultati	 <p>il grado UE6110 comparato alla concorrenza, raggiunge una vita utensile 1,5 volte più lunga senza anomalie grazie alla sua eccellente resistenza all'usura.</p>	 <p>Con il grado UE6110 la durata è più che raddoppiata.</p>	 <p>il grado UE6110 previene l'insorgere dell'usura da craterizzazione grazie alla sua eccellente resistenza all'usura</p>	

MITSUBISHI
MITSUBISHI MATERIALS

www.mitsubishicarbide.com

MMC HARTMETALL GmbH

Comeniusstr. 2, 40670 Meerbusch, Germany
Tel. +49-2159-9189-0 Fax +49-2159-918966
e-mail admin@mmchg.de

MMC HARDMETAL U.K. LTD.

Mitsubishi House, Galena Close, Tamworth, Staffs. B77 4AS, U.K.
Tel. +44-1827-312312 Fax +44-1827-312314
e-mail sales@mitsubishicarbide.co.uk

MMC METAL FRANCE s.a.r.l.

6, Rue Jacques Monod, 91400 Orsay, France
Tel. +33-1-69 35 53 53 Fax +33-1-69 35 53 50
e-mail mmfsales@mmc-metal-france.fr

MITSUBISHI MATERIALS ESPAÑA, S.A.

Calle Emperador 2, 46136 Museros/Valencia, Spain
Tel. +34-96-144-1711 Fax +34-96-144-3786
e-mail mme@mmevalencia.com

MMC ITALIA S.r.l.

V.le Delle Industrie 2, 20020 Milano, Italy
Tel. +39-02 93 77 03 1 Fax +39-02 93 58 90 93
e-mail info@mmc-italia.it

MMC HARDMETAL POLAND SP. z o.o.

Al. Armii Krajowej 61, 50-541 Wrocław, Poland
Tel. +48-71335-16-20 Fax +48-71335-16-21
e-mail sales@mitsubishicarbide.com.pl

MMC HARDMETAL RUSSIA OOO LTD.

UL. Bolschaja Semenovskaya, 11, bld 5, 107023 Moscow, Russia
Tel. +7-495-72558-85 Fax +7-495-98139-73
e-mail info@mmc-carbide.ru

