

Neue Schneidstofftechnologie für hocheffiziente Stahlbearbeitungen

Ideal für das Drehen mit langen Eingriffszeiten oder hohen Schnittgeschwindigkeiten.



Neue CVD-beschichtete Sorte für Stahl

UE6105/UE6110

Eigenschaften

Ausgezeichnete Bearbeitungsleistung durch 2-in-1-Technologie

Hoher Kolkverschleißwiderstand

Die goldene, glatte TiN-Verbundschicht garantiert höchste Verschleißfestigkeit und eine schnelle Spanabfuhr. Die UE6110 hat durch eine ideale Kombination von Substrat und Beschichtung einen breiten Anwendungsbereich.

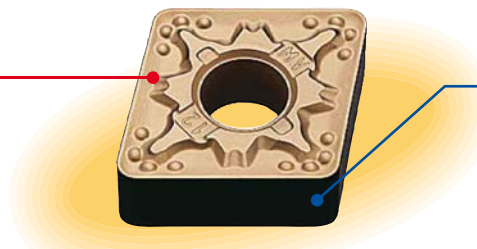
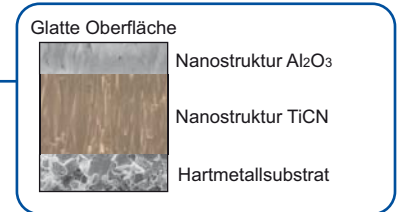
Beschichtungsstruktur



Hoher Flankenverschleißwiderstand

Die schwarze Aluminiumoxid (Al₂O₃)-Schicht wird durch Verwendung der "Alumina Crystal Growth Control"-Technologie kontrolliert und weist gegenüber herkömmlichen Schichten eine höhere Festigkeit und Glätte auf. Dies reduziert die Gefahr von Spanverschweißungen an der Peripherie.

Beschichtungsstruktur der Flankenfläche



Vergleich Kolkverschleiß

WSP : CNMG120408-MA
 Werkstoff : Leg. Stahl
 Schnittdaten : Schnittgeschw. 250m/min, Vorschub 0.3mm/U,
 Schnitttiefe 1.5mm, Trocken, Eingriffszeit 7min

Mit spezieller TiN-Verbundschicht



Geringer Kolkverschleiß

Ohne TiN-Verbundschicht



Hoher Kolkverschleiß

Vergleich Flankenverschleiß

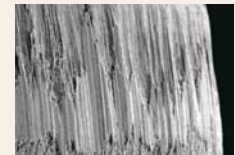
WSP : CNMG120408-○○○
 Werkstoff : Leg. Stahl
 Schnittdaten : Schnittgeschw. 200m/min, Vorschub 0.3mm/U,
 Schnitttiefe 1.5mm, Trocken, Eingriffszeit 2min

Glatte Oberfläche der UE6110



Glatter, gleichmäßiger Verschleiß

Wettbewerber



Rauer, ungleichmäßiger Verschleiß

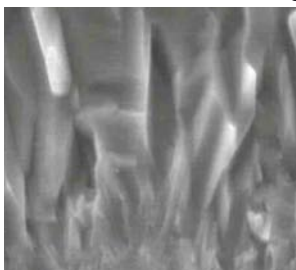
Hochentwickelte Beschichtung mit 2-in-1-Technologie

1 Neu entwickelte CVD-Beschichtungstechnologie

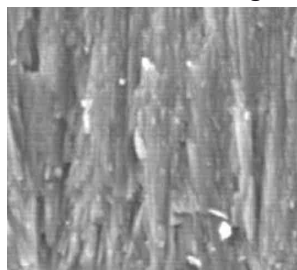
Die neue, einzigartige Beschichtungstechnologie von Mitsubishi Materials mit den nanostrukturierten TiCN- und Al₂O₃-Schichten sorgt für höchste Bruch- und Verschleißfestigkeit.

Vergleich der kristallinen Mikrostruktur

Herkömmliche Beschichtung



CVD-Beschichtung



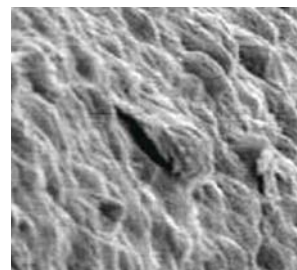
Sogar auf Nanostrukturebene sind die Fasern feinstrukturiert.

2 "2in1 Technology"

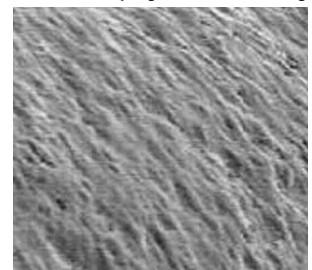
Die besonders glatte Beschichtungsfläche verhindert eine Verschleißausbreitung während der Bearbeitung. So entstehen hochwertige Oberflächen ohne Spanverschweißen und Spanbrechen.

Vergleich von Beschichtungsflächen

Herkömmliche Beschichtung



Schwarze, superglatte Beschichtung



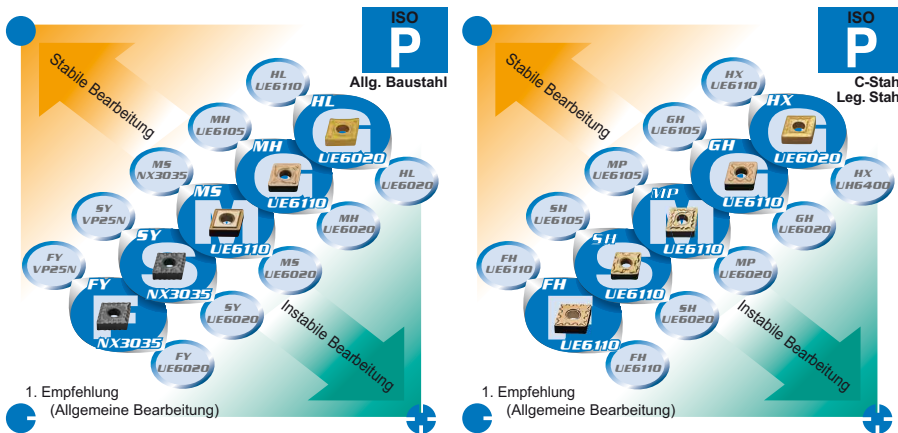
2-in-1-Technologie für hohe Bruch- und Verschleißfestigkeit sowie stabile Bearbeitung

Anwendungsbereich und Schnittdaten

- **UE6110** ist die 1. Empfehlung für die allgemeine Stahlbearbeitung.
Geeignet für Baustahl, C-Stahl, legierten Stahl, Kugellagerstahl und Konstruktionsstahl.

Anwendungsbereich	
ISO	Stahl
P01	UE6105
P10	UE6110
P20	UE6020
P30	UE6020
P40	UE6035

Empfohlene Schnittdaten				
Werkstoff	Mikrohärte	Bearbeitungsmodus	Empfohlene Schnittgeschw. (UE6105) (m/min)	Empfohlene Schnittgeschw. (UE6110) (m/min)
Allg. Baustahl	≤180HB	Allgemeine Bearbeitung	300 (300–450)	300 (250–400)
C-Stahl Leg. Stahl	≥180HB	Allgemeine Bearbeitung	300 (200–400)	200 (150–300)



Schnittdaten

- Stabile Bearbeitung: Kontinuierliche Bearbeitung, Gleichbleibende Schnitttiefe, Vorbearbeitung, Stabile Werkstückspannung
- Allgemeine Bearbeitung
- ⊕ Instabile Bearbeitung: Schwerzerspannung, unterbr. Schnitt, Unregelmäßige Schnitttiefe, Geringe Werkstückspannung

Schnittbereich

- F** Schlichtzerspannung ($ap \leq 0.5\text{mm}$)
- S** Leichtzerspannung ($ap = 0.5 - 1.5\text{mm}$)
- M** Mittlere Zerspannung ($ap = 1.5 - 4.0\text{mm}$)
- G** Schrappzerspannung ($ap = 4.0 - 7.0\text{mm}$)

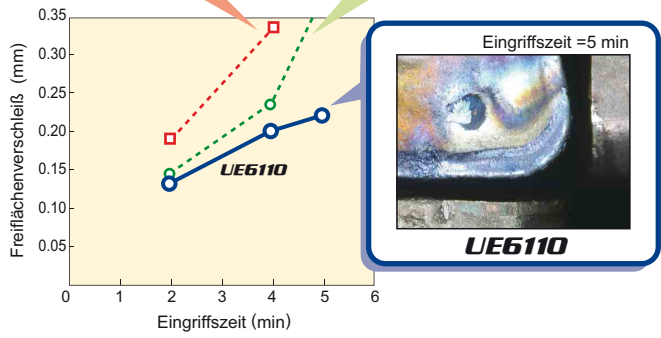
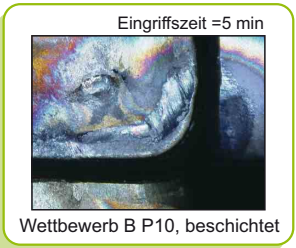
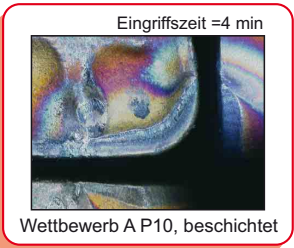
Anwendungsbeispiele

Verschleißfestigkeit

Kontinuierliches Drehen von leg. Stahl

UE6110 weist eine ausgezeichnete Verschleißfestigkeit auf!

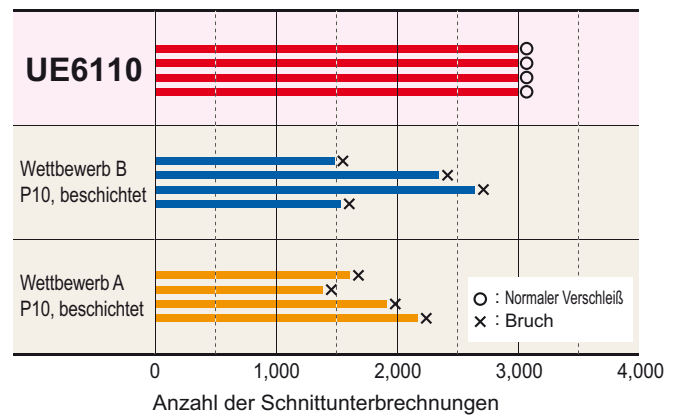
<Schnittdaten>
 WSP : CNMG120408-○○
 Halter : PCLNL2525M12
 Vc : 250m/min
 f : 0.3mm/U
 ap : 1.5mm
 Kühlung : Trocken
 WSP mit Wiper-Technologie.
 ○○ bezeichnet Typen von Spanbrechern für allgemeine Anwendungen



Bruchwiderstand

Bearbeitung mit Schnittunterbrechung

UE6110 weist herausragende Bruch- und Verschleißfestigkeit auf und bietet daher außerordentlich zuverlässige Schneidkanten!


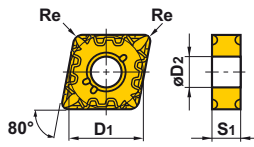

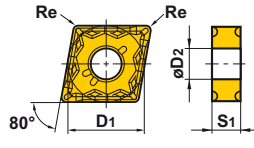

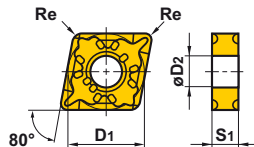

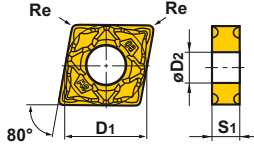

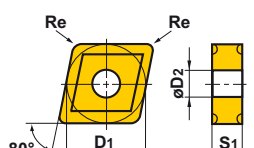

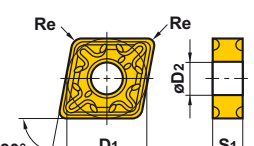


<Schnittdaten>
 WSP : CNMG120408-○○
 Halter : PCLNR2525M12
 Vc : 200m/min
 f : 0.25mm/U
 ap : 1.5mm
 Kühlung : WSO
 unterbrochener Schnitt
 ○○ bezeichnet Typen von Spanbrechern für allgemeine Anwendungen

UE6105/UE6110


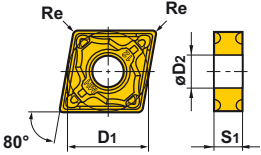

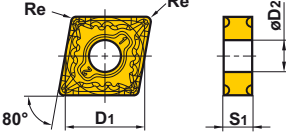

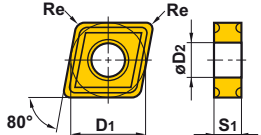

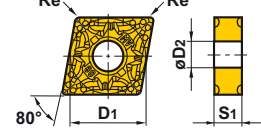

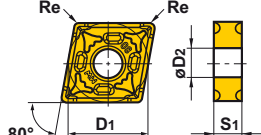

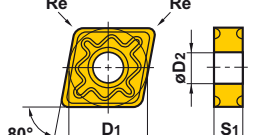
Wendeschneidplatten

● Negative WSP (mit Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		UE6105	UE6110	D1	S1	Re	D2	
FH Spanbrecher  Schlichtzerspanung	CNMG120404-FH		●	12.7	4.76	0.4	5.16	
	120408-FH		●	12.7	4.76	0.8	5.16	
SA Spanbrecher  Leichtzerspanung	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	
	160612-SA		●	15.875	6.35	1.2	6.35	
SH Spanbrecher  Leichtzerspanung	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	
SW Spanbrecher  Leichtzerspanung (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	
Standard Spanbrecher  Mittlere Zerspanung	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	
MA Spanbrecher  Mittlere Zerspanung	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		

● : Lagerstandard


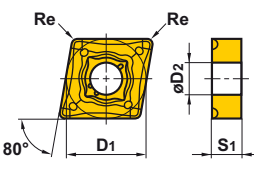

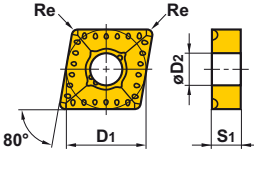

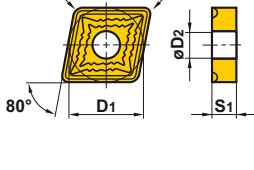

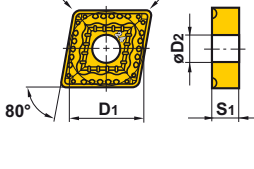

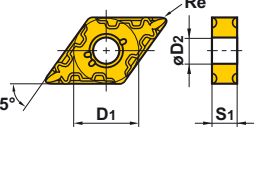

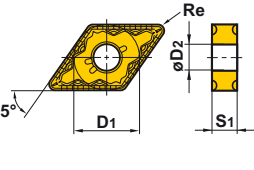

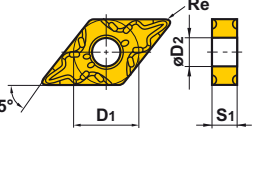
★ : Lagerstandard in Japan

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		UE6105	UE6110	D1	S1	Re	D2	
MH Spanbrecher 	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	
	Mittlere Zerspanung	190612-MH	●	●	19.05	6.35	1.2	
	190616-MH	●	★	19.05	6.35	1.6	7.93	
MP Spanbrecher 	CNMG120404-MP	●	●	12.7	4.76	0.4	5.16	
	120408-MP	●	●	12.7	4.76	0.8	5.16	
	120612-MP	●	●	12.7	4.76	1.2	5.16	
	120616-MP	●	●	12.7	4.76	1.6	5.16	
	160608-MP	●	●	15.875	6.35	0.8	6.35	
	Mittlere Zerspanung	160612-MP	●	●	15.875	6.35	1.2	
	160616-MP	●	●	15.875	6.35	1.6	6.35	
MS Spanbrecher 	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	
	120408-MS		●	12.7	4.76	0.8	5.16	
	120412-MS		★	12.7	4.76	1.2	5.16	
	Mittlere Zerspanung	120416-MS		★	12.7	4.76	1.6	
MV Spanbrecher 	CNMG120404-MV	●	●	12.7	4.76	0.4	5.16	
	120408-MV	●	●	12.7	4.76	0.8	5.16	
	120412-MV	●	●	12.7	4.76	1.2	5.16	
	120416-MV	●	●	12.7	4.76	1.6	5.16	
	Mittlere Zerspanung							
MW Spanbrecher 	CNMG120408-MW	●	●	12.7	4.76	0.8	5.16	
	120412-MW	●	●	12.7	4.76	1.2	5.16	
	Mittlere Zerspanung (Wiper)							
GH Spanbrecher 	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	
	Schrupp- zerspanung	190612-GH	●	●	19.05	6.35	1.2	
	190616-GH	●	●	19.05	6.35	1.6	7.93	

UE6105/UE6110


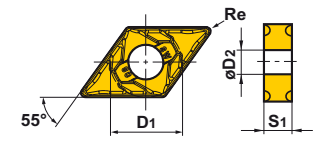

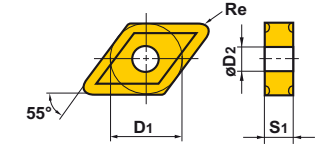

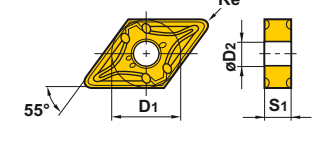

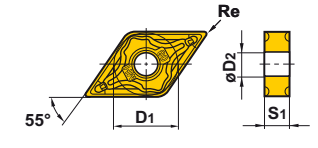

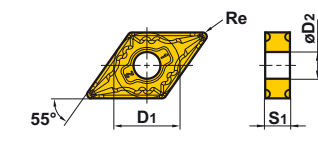

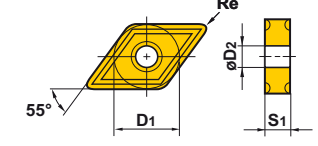
Wendeschneidplatten

● Negative WSP (mit Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		UE6105	UE6110	D1	S1	Re	D2	
HL Spanbrecher  Schwerzerspannung	CNMM120408-HL	●	●	12.7	4.76	0.8	5.16	
	120412-HL	●	●	12.7	4.76	1.2	5.16	
	120416-HL	●	●	12.7	4.76	1.6	5.16	
	160612-HL	●	●	15.875	6.35	1.2	6.35	
	160616-HL	●	●	15.875	6.35	1.6	6.35	
	190612-HL	●	●	19.05	6.35	1.2	7.93	
	190616-HL	●	●	19.05	6.35	1.6	7.93	
HM Spanbrecher  Schwerzerspannung	CNMM160612-HM	●	●	15.875	6.35	1.2	6.35	
	160616-HM	●	●	15.875	6.35	1.6	6.35	
	190612-HM	●	●	19.05	6.35	1.2	7.93	
	190616-HM	●	●	19.05	6.35	1.6	7.93	
	190624-HM	●	●	19.05	6.35	2.4	7.93	
HV Spanbrecher  Schwerzerspannung	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	
HX Spanbrecher  Schwerzerspannung	CNMM160612-HX	●	●	15.875	6.35	1.2	6.35	
	160616-HX	●	●	15.875	6.35	1.6	6.35	
	190612-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	
FH Spanbrecher  Schlichtzerspannung	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	4.76	0.2	5.16	
	150604-FH	●	●	12.7	6.35	0.4	5.16	
	150608-FH	●	●	12.7	6.35	0.8	5.16	
SA Spanbrecher  Leichtzerspannung	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	
SH Spanbrecher  Leichtzerspannung	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		

● : Lagerstandard


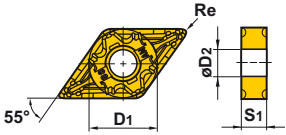

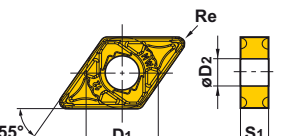

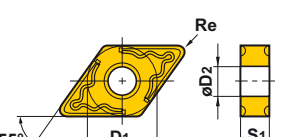

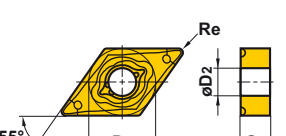

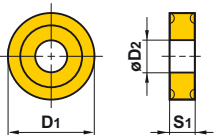

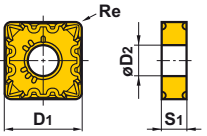

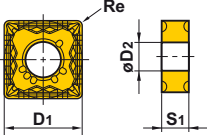
★ : Lagerstandard in Japan


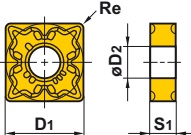

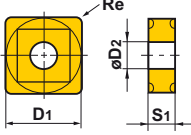

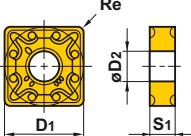

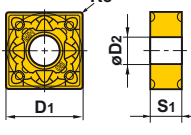

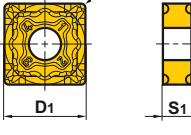

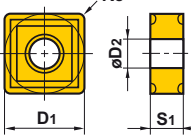

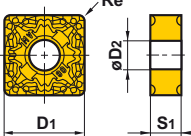
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
SW Spanbrecher  Leichtzerspanung (Wiper)	DNMX150404-SW	●	●	12.7	4.76	0.4	5.16	
	150408-SW	●	●	12.7	4.76	0.8	5.16	
	150412-SW	●	●	12.7	4.76	1.2	5.16	
	150604-SW	●	●	12.7	6.35	0.4	5.16	
	150608-SW	●	●	12.7	6.35	0.8	5.16	
	150612-SW	●	●	12.7	6.35	1.2	5.16	
Standard Spanbrecher  Mittlere Zerspanung	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	
MA Spanbrecher  Mittlere Zerspanung	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	
	150416-MA		★	12.7	4.76	1.6	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	
MH Spanbrecher  Mittlere Zerspanung	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	
MP Spanbrecher  Mittlere Zerspanung	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	
MS Spanbrecher  Mittlere Zerspanung	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		

UE6105/UE6110

Wendeschneidplatten

● Negative WSP (mit Loch)


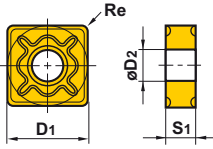

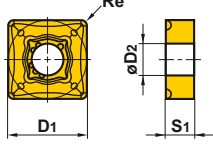

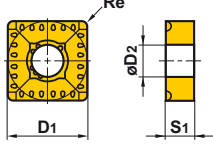

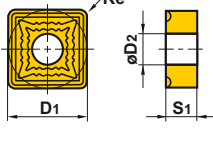

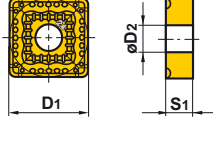

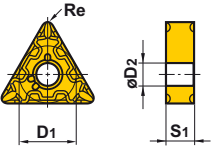
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie	
		UE6105	UE6110	D1	S1	Re	D2		
MV Spanbrecher  Mittlere Zerspanung	DNMG150404-MV	●	●	12.7	4.76	0.4	5.16		
	150408-MV	●	●	12.7	4.76	0.8	5.16		
	150412-MV	●	★	12.7	4.76	1.2	5.16		
	150416-MV		★	12.7	4.76	1.6	5.16		
	150604-MV	●	●	12.7	6.35	0.4	5.16		
	150608-MV	●	●	12.7	6.35	0.8	5.16		
	150612-MV	●	●	12.7	6.35	1.2	5.16		
MW Spanbrecher  Mittlere Zerspanung (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		
GH Spanbrecher  Schruppzerspanung	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		
HL Spanbrecher  Schwerzerspanung	DNMM150608-HL		●	12.7	6.35	0.8	5.16		
	150612-HL		●	12.7	6.35	1.2	5.16		
Standard Spanbrecher  Mittlere Zerspanung	RNMG090300		★	9.525	3.18	—	3.81		
	120400		★	12.7	4.76	—	5.16		
	150600		★	15.875	6.35	—	6.35		
	190600		★	19.05	6.35	—	7.93		
	250900	NEW		★	25.4	9.52	—		9.12
	310900	NEW		★	31.75	9.52	—		12.7
FH Spanbrecher  Endbearbeitung	SNMG120404-FH		★	12.7	4.76	0.4	5.16		
	120408-FH		★	12.7	4.76	0.8	5.16		
SA Spanbrecher  Leichtzerspanung	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		


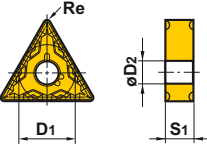

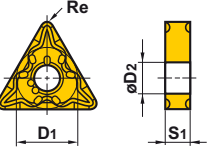

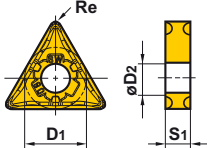

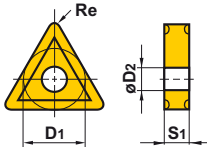

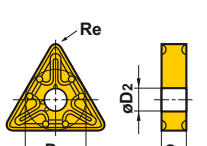
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
SH Spanbrecher  Leichtzerspanung	SNMG120404-SH		●	12.7	4.76	0.4	5.16	
	120408-SH	●	●	12.7	4.76	0.8	5.16	
	120412-SH		★		12.7	4.76	1.2	
Standard Spanbrecher  Mittlere Zerspanung	SNMG090304	★	●	9.525	3.18	0.4	3.81	
	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	
	150412		●	15.875	4.76	1.2	6.35	
	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		
MA Spanbrecher  Mittlere Zerspanung	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 Spanbrecher  Mittlere Zerspanung	SNMG120404-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	
	190612-MH	●	●	19.05	6.35	1.2	7.93	
	190616-MH	●	●	19.05	6.35	1.6	7.93	
MP Spanbrecher  Mittlere Zerspanung	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	
MS Spanbrecher  Mittlere Zerspanung	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	
MV Spanbrecher  Mittlere Zerspanung	SNMG120404-MV	●	●	12.7	4.76	0.4	5.16	
	120408-MV	●	●	12.7	4.76	0.8	5.16	
	120412-MV	●	●	12.7	4.76	1.2	5.16	

UE6105/UE6110

Wendeschneidplatten

● Negative WSP (mit Loch)


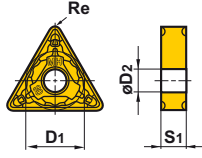

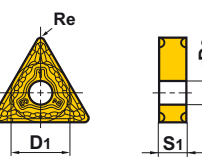

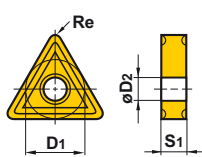

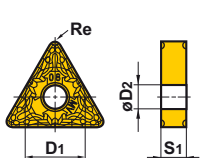

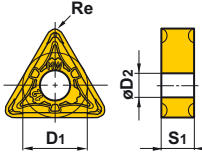

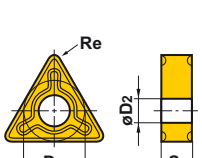

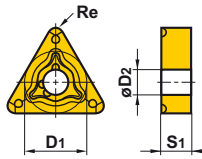

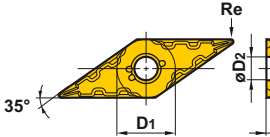
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		UE6105	UE6110	D1	S1	Re	D2	
GH Spanbrecher  Schrapp- zerspanung	SNMG120408-GH	●	●	12.7	4.76	0.8	5.16	
	120412-GH	●	●	12.7	4.76	1.2	5.16	
	120416-GH	●	●	12.7	4.76	1.6	5.16	
	150612-GH	●	●	15.875	6.35	1.2	6.35	
	150616-GH	●	●	15.875	6.35	1.6	6.35	
	190612-GH	●	●	19.05	6.35	1.2	7.93	
	190616-GH	●	★	19.05	6.35	1.6	7.93	
HL Spanbrecher  Schwerzerspanung	SNMM120408-HL		●	12.7	4.76	0.8	5.16	
	120412-HL		●	12.7	4.76	1.2	5.16	
	150612-HL		●	15.875	6.35	1.2	6.35	
	150616-HL		●	15.875	6.35	1.6	6.35	
	190612-HL		●	19.05	6.35	1.2	7.93	
	190616-HL		●	19.05	6.35	1.6	7.93	
	190624-HL		●	19.05	6.35	2.4	7.93	
HM Spanbrecher  Schwerzerspanung	SNMM150612-HM		●	15.875	6.35	1.2	6.35	
	150616-HM		●	15.875	6.35	1.6	6.35	
	190612-HM		●	19.05	6.35	1.2	7.93	
	190616-HM		●	19.05	6.35	1.6	7.93	
	190624-HM		●	19.05	6.35	2.4	7.93	
	250724-HM		●	25.4	7.94	2.4	9.12	
	250924-HM		●	25.4	9.52	2.4	9.12	
HV Spanbrecher  Schwerzerspanung	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	
HX Spanbrecher  Schwerzerspanung	SNMM150612-HX		●	15.875	6.35	1.2	6.35	
	150616-HX		●	15.875	6.35	1.6	6.35	
	190612-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	
FH Spanbrecher  Schlichtzerspanung	TNMG160404-FH		●	9.525	4.76	0.4	3.81	
	160408-FH		●	9.525	4.76	0.8	3.81	


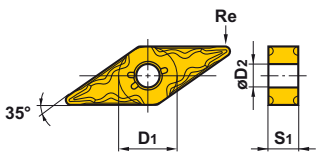

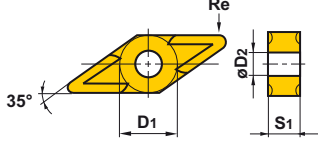

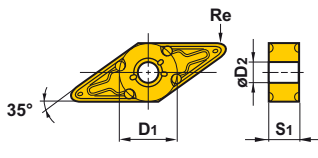

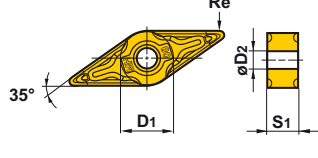

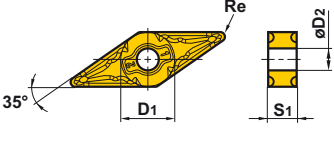

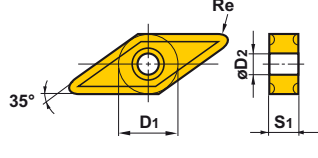

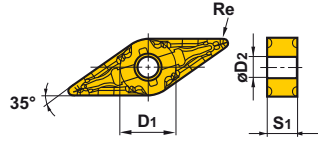

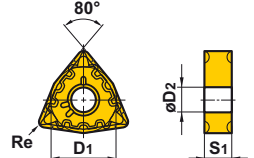
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
SA Spanbrecher 	TNMG160404-SA	●	●	9.525	4.76	0.4	3.81	
	160408-SA	●	●	9.525	4.76	0.8	3.81	
	160412-SA	●	●	9.525	4.76	1.2	3.81	
	220408-SA	●	●	12.7	4.76	0.8	5.16	
	220412-SA		●	12.7	4.76	1.2	5.16	
Leichtzerspanung								
SH Spanbrecher 	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	
Leichtzerspanung								
SW Spanbrecher 	TNMX160404-SW	●	●	9.525	4.76	0.4	3.81	
	160408-SW	●	●	9.525	4.76	0.8	3.81	
Leichtzerspanung (Wiper)								
Standard Spanbrecher 	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	
Mittlere Zerspanung			★	15.875	6.35	1.6	6.35	
MA Spanbrecher 	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	
	Mittlere Zerspanung		●	★	15.875	6.35	1.2	

UE6105/UE6110

Wendeschneidplatten

● Negative WSP (mit Loch)


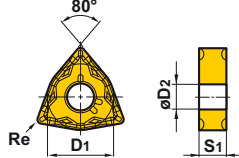

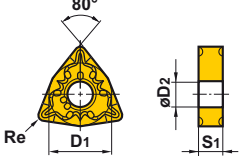

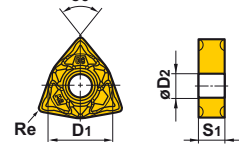

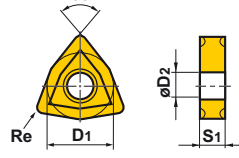

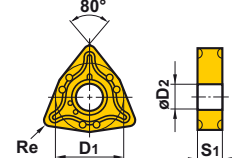

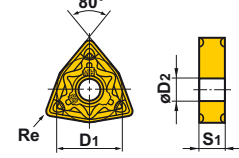
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
MH Spanbrecher  Mittlere Zerspanung	TNMG160404-MH	●	●	9.525	4.76	0.4	3.81	
	160408-MH	●	●	9.525	4.76	0.8	3.81	
	160412-MH	●	●	9.525	4.76	1.2	3.81	
	220408-MH	●	●	12.7	4.76	0.8	5.16	
	220412-MH	●	●	12.7	4.76	1.2	5.16	
MP Spanbrecher  Mittlere Zerspanung	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	
MS Spanbrecher  Mittlere Zerspanung	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	
MV Spanbrecher  Mittlere Zerspanung	TNMG160404-MV	●	●	9.525	4.76	0.4	3.81	
	160408-MV	●	●	9.525	4.76	0.8	3.81	
	160412-MV	●	●	9.525	4.76	1.2	3.81	
	220408-MV	●	●	12.7	4.76	0.8	5.16	
	220412-MV	●	●	12.7	4.76	1.2	5.16	
MW Spanbrecher  Leichtzerspanung (Wiper)	TNMX160408-MW	●	●	9.525	4.76	0.8	3.81	
	160412-MW	●	●	9.525	4.76	1.2	3.81	
GH Spanbrecher  Schruppzerspanung	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	
HL Spanbrecher  Schwerzerspanung	TNMM160408-HL		●	9.525	4.76	0.8	3.81	
	160412-HL		●	9.525	4.76	1.2	3.81	
	220408-HL		●	12.7	4.76	0.8	5.16	
	220412-HL		●	12.7	4.76	1.2	5.16	
	220416-HL		●	12.7	4.76	1.6	5.16	
FH Spanbrecher  Endbearbeitung	VNMG160404-FH		★	9.525	4.76	0.4	3.81	
	160408-FH		★	9.525	4.76	0.8	3.81	


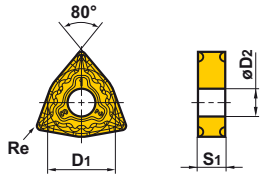

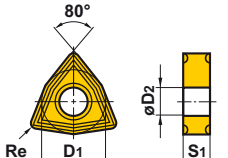

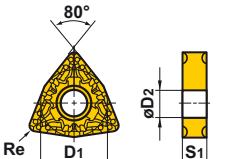

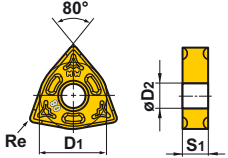

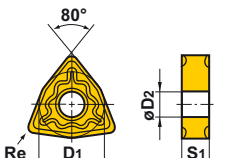
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
SH Spanbrecher  Leichtzerspannung	VNMG160404-SH	●	★	9.525	4.76	0.4	3.81	
	160408-SH	●	★	9.525	4.76	0.8	3.81	
Standard Spanbrecher  Mittlere Zerspannung	VNMG160404	●	●	9.525	4.76	0.4	3.81	
	160408	●	●	9.525	4.76	0.8	3.81	
	160412	●	●	9.525	4.76	1.2	3.81	
MA Spanbrecher  Mittlere Zerspannung	VNMG160404-MA	●	●	9.525	4.76	0.4	3.81	
	160408-MA	●	●	9.525	4.76	0.8	3.81	
MH Spanbrecher  Mittlere Zerspannung	VNMG160404-MH	●	●	9.525	4.76	0.4	3.81	
	160408-MH	●	●	9.525	4.76	0.8	3.81	
MP Spanbrecher  Mittlere Zerspannung	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	
MS Spanbrecher  Mittlere Zerspannung	VNMG160404-MS		★	9.525	4.76	0.4	3.81	
	160408-MS		★	9.525	4.76	0.8	3.81	
MV Spanbrecher  Mittlere Zerspannung	VNMG160404-MV	●	●	9.525	4.76	0.4	3.81	
	160408-MV	●	●	9.525	4.76	0.8	3.81	
FH Spanbrecher  Endbearbeitung	WNMG080404-FH		★	12.7	4.76	0.4	5.16	
	080408-FH		★	12.7	4.76	0.8	5.16	

UE6105/UE6110


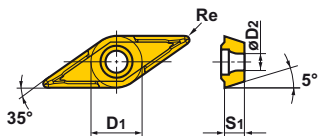

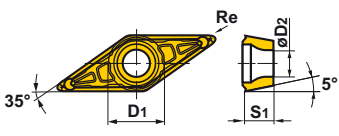
Wendeschneidplatten

● Negative WSP (mit Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
SA Spanbrecher 	WNUMG080404-SA	●	●	12.7	4.76	0.4	5.16	
	080408-SA	●	●	12.7	4.76	0.8	5.16	
	080412-SA	●	●	12.7	4.76	1.2	5.16	
Leichtzerspanung								
SH Spanbrecher 	WNUMG06T304-SH	●	●	9.525	3.97	0.4	3.81	
	06T308-SH	●	●	9.525	3.97	0.8	3.81	
	06T312-SH		●	9.525	3.97	1.2	3.81	
	060404-SH	●	●	9.525	4.76	0.4	3.81	
	060408-SH	●	●	9.525	4.76	0.8	3.81	
	060412-SH		★	9.525	4.76	1.2	3.81	
	080404-SH	●	★	12.7	4.76	0.4	5.16	
	080408-SH	●	●	12.7	4.76	0.8	5.16	
Leichtzerspanung	080412-SH	●	●	12.7	4.76	1.2	5.16	
SW Spanbrecher 	WNUMG060404-SW	●	●	9.525	4.76	0.4	3.81	
	060408-SW	●	●	9.525	4.76	0.8	3.81	
	080404-SW	●	●	12.7	4.76	0.4	5.16	
	080408-SW	●	●	12.7	4.76	0.8	5.16	
	Leichtzerspanung (Wiper)	080412-SW	●	●	12.7	4.76	1.2	
Standard Spanbrecher 	WNUMG080404	●	●	12.7	4.76	0.4	5.16	
	080408	●	●	12.7	4.76	0.8	5.16	
	080412	●	●	12.7	4.76	1.2	5.16	
Mittlere Zerspanung								
MA Spanbrecher 	WNUMG06T304-MA	●	●	9.525	3.97	0.4	3.81	
	06T308-MA	●	●	9.525	3.97	0.8	3.81	
	06T312-MA	●	●	9.525	3.97	1.2	3.81	
	060404-MA	●	●	9.525	4.76	0.4	3.81	
	060408-MA	●	●	9.525	4.76	0.8	3.81	
	060412-MA	●	●	9.525	4.76	1.2	3.81	
	080404-MA	●	●	12.7	4.76	0.4	5.16	
	080408-MA	●	●	12.7	4.76	0.8	5.16	
	Mittlere Zerspanung	080412-MA	●	●	12.7	4.76	1.2	
	080416-MA	●	●	12.7	4.76	1.6	5.16	
MH Spanbrecher 	WNUMG080404-MH	●	●	12.7	4.76	0.4	5.16	
	080408-MH	●	●	12.7	4.76	0.8	5.16	
	080412-MH	●	●	12.7	4.76	1.2	5.16	
Mittlere Zerspanung								

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		L/E6105	L/E6110	D1	S1	Re	D2	
MP Spanbrecher  Mittlere Zerspanung	WNMG060404-MP	●	●	9.525	4.76	0.4	5.16	
	060408-MP	●	●	9.525	4.76	0.8	5.16	
	060412-MP	●	●	9.525	4.76	1.2	5.16	
	06T304-MP	●	●	9.525	4.76	0.4	5.16	
	06T308-MP	●	●	9.525	4.76	0.8	5.16	
	06T312-MP	●	●	9.525	4.76	1.2	5.16	
	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	
MS Spanbrecher  Mittlere Zerspanung	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	
MV Spanbrecher  Mittlere Zerspanung	WNMG06T304-MV	●	●	9.525	3.97	0.4	3.81	
	06T308-MV	●	●	9.525	3.97	0.8	3.81	
	06T312-MV	●	★	9.525	3.97	1.2	3.81	
	060404-MV	●	●	9.525	4.76	0.4	3.81	
	060408-MV	●	●	9.525	4.76	0.8	3.81	
	060412-MV	●	●	9.525	4.76	1.2	3.81	
	080404-MV	●	●	12.7	4.76	0.4	5.16	
	080408-MV	●	●	12.7	4.76	0.8	5.16	
	080412-MV	●	●	12.7	4.76	1.2	5.16	
MW Spanbrecher  Mittlere Zerspanung (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	
GH Spanbrecher  Schrupp- zerspanung	WNMG080408-GH	●	●	12.7	4.76	0.8	5.16	
	080412-GH	●	●	12.7	4.76	1.2	5.16	


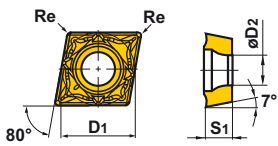

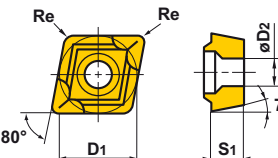

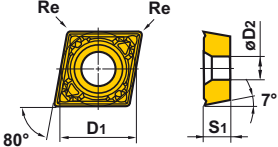

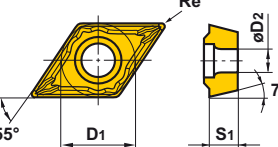

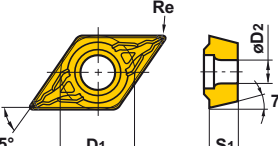

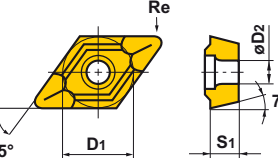
● 5° Positive WSP (mit Loch)


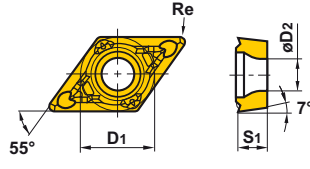

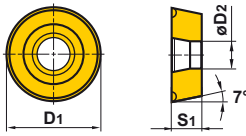

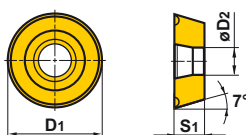

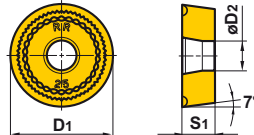

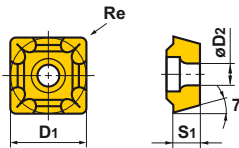

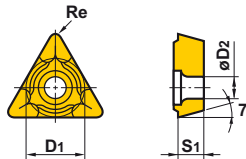

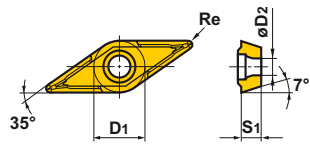
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		L/E6105	L/E6110	D1	S1	Re	D2	
Standard Spanbrecher  Mittlere Zerspanung	VBMT160404		●	9.525	4.76	0.4	4.43	
	160408		●	9.525	4.76	0.8	4.43	
MV Spanbrecher  Mittlere Zerspanung	VBMT160404-MV	●	●	9.525	4.76	0.4	4.43	
	160408-MV	●	●	9.525	4.76	0.8	4.43	

UE6105/UE6110

Wendeschneidplatten

● 7° Positive WSP (mit Loch)


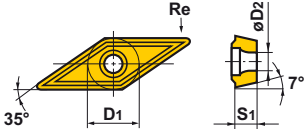

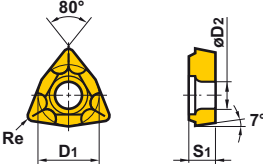
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
NEW SW Spanbrecher  Leichtzerspannung (Wiper)	CCMT060202-SW	●	●	6.35	2.38	0.2	2.8	
	060204-SW	●	●	6.35	2.38	0.4	2.8	
	09T302-SW	●	●	9.525	3.97	0.2	4.4	
	09T304-SW	●	●	9.525	3.97	0.4	4.4	
Standard Spanbrecher  Mittlere Zerspanung	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		
120412		●	12.7	4.76	1.2	5.5		
NEW MW Spanbrecher  Mittlere Zerspanung (Wiper)	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	
FV Spanbrecher  Endbearbeitung	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	
SV Spanbrecher  Leichtzerspannung	DCMT070202-SV		□	6.35	2.38	0.2	2.8	
	070204-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	
Standard Spanbrecher  Mittlere Zerspannung	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		

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
MV Spanbrecher  Mittlere Zerspanung	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	
Standard Spanbrecher  Mittlere Zerspanung	RCMT0602M0		●	6	2.38	—	2.8	
	0803M0		●	8	3.18	—	3.4	
Standard Spanbrecher  Mittlere Zerspanung	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	
RR Spanbrecher  Mittlere Zerspanung	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	
	NEW							
Standard Spanbrecher  Mittlere Zerspanung	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	
Standard Spanbrecher  Mittlere Zerspanung	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	
FV Spanbrecher  Endbearbeitung	VCMT160404-FV		●	9.525	4.76	0.4	4.4	
	160408-FV		●	9.525	4.76	0.8	4.4	


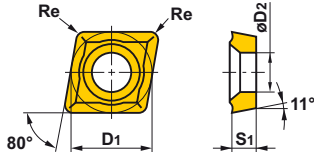
UE6105/UE6110

Wendeschneidplatten

●7° Positive WSP (mit Loch)


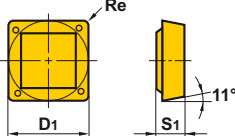

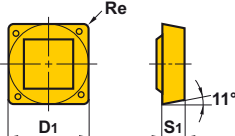

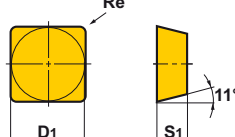

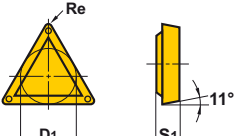

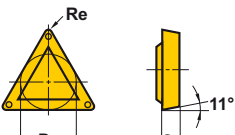

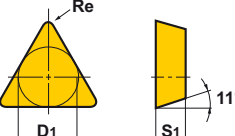
Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
Standard Spanbrecher  Mittlere Zerspanung	VCMT110304		●	6.35	3.18	0.4	2.8	
	160404	●	●	9.525	4.76	0.4	4.4	
	160408	●	●	9.525	4.76	0.8	4.4	
	160412		●	9.525	4.76	1.2	4.4	
Standard Spanbrecher  Mittlere Zerspanung	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		

●11° Positive WSP (mit Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Geometrie
		UE6105	UE6110	D1	S1	Re	D2	
Standard Spanbrecher  Mittlere Zerspanung	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	

Wendeschneidplatten


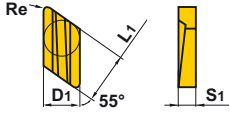
● 11° Positive WSP (ohne Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)			Abbildung
		UE6105	UE6110	D1	S1	Re	
Standard Spanbrecher  Schlicht- bis mittlere Zerspanung	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	
	120312		●	12.7	3.18	1.2	
80 Spanbrecher  Schlicht- bis mittlere Zerspanung	SPMR090308-80		●	9.525	3.18	0.8	
	120308-80		●	12.7	3.18	0.8	
Glatt  Schlicht- bis mittlere Zerspanung	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	
	190412		★	19.05	4.76	1.2	
Standard Spanbrecher  Schlicht- bis mittlere Zerspanung	TPMR090204		●	5.56	2.38	0.4	
	090208		●	5.56	2.38	0.8	
	110302		●	6.35	3.18	0.2	
	110304		●	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	
80 Spanbrecher  Schlicht- bis mittlere Zerspanung	TPMR110304-80		●	6.35	3.18	0.4	
	110308-80		●	6.35	3.18	0.8	
	160304-80		●	9.525	3.18	0.4	
	160308-80		●	9.525	3.18	0.8	
Glatt  Schlicht- bis mittlere Zerspanung	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	

UE6105/UE6110

Wendeschneidplatten

● Negative WSP (ohne Loch)

Form	Bestellbezeichnung	Lager		Abmessungen (mm)				Abbildung
		UE6105	UE6110	D1	S1	Re	L1	
R/L-M12 Spanbrecher  Schrupp- zerspanung	KNUX160405R-M1		●	9.525	4.76	0.5	16.15	
	160405L-M1		●	9.525	4.76	0.5	16.15	
	160410R-M1		●	9.525	4.76	1.0	16.15	
	160410L-M1		●	9.525	4.76	1.0	16.15	
	160405R-M2		●	9.525	4.76	0.5	16.15	
	160405L-M2		●	9.525	4.76	0.5	16.15	
	160410R-M2		●	9.525	4.76	1.0	16.15	
	160410L-M2		●	9.525	4.76	1.0	16.15	



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