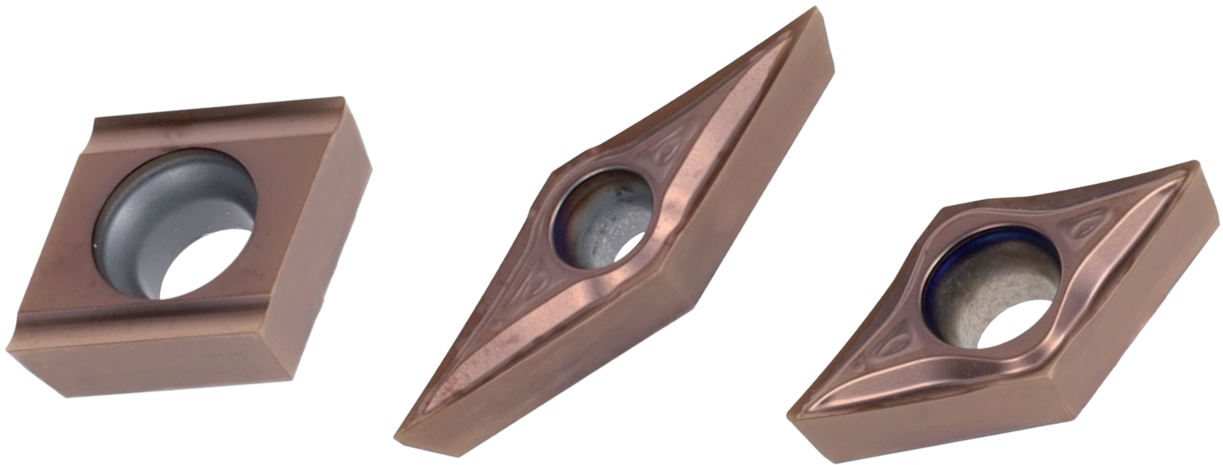


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BEI UNS BEKOMMEN SIE ALLES, WAS SIE
ZUM DREHEN BRAUCHEN

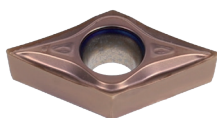
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WITH US YOU GET ALL THE TOOLS THAT YOU
NEED FOR THE TURNED PARTS INDUSTRY

ISO-WENDE- SCHNEIDPLATTEN

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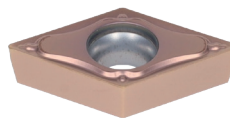
Spanbrecher	Chip-breaker
FF Feinbearbeitung / <i>Fine machining</i>	
SF Fein- bis Halbschlichtbearbeitung / <i>Fine to semi-finish machining</i>	
UX/UZ Mittel- bis Halbschlichtbearbeitung / <i>Medium to semi-finish machining</i>	
FG Fein- bis Halbschlichtbearbeitung / <i>Fine to semi-finish machining</i>	
MG Mittelschlichtbearbeitung / <i>Medium machining</i>	
MD Mittelschlichtbearbeitung / <i>Medium machining</i>	
GP Vollständig geschliffe Ecke zum Gewindestrehlen / <i>Fully ground edge for threading</i>	



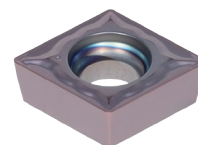
SF



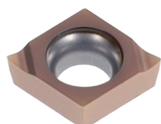
UX + UZ



FG



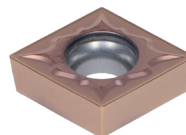
MD



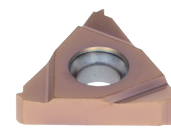
FF



KF



MG



GP

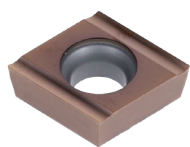
Beschichtung	Coating
KV2018 / KV0518	Die Beschichtung weist eine gute Verschleißfestigkeit auf und ist vielseitig einsetzbar. <i>The coating offers good wear resistance and is suitable for a wide range of applications.</i>
KV0516 / KV2516	Die Beschichtung ist glatt, universell einsetzbar und besonders geeignet für die Bearbeitung von Materialien der Gruppen S (hitzebeständige Legierungen). <i>The coating is smooth, suitable for a wide range of applications, and is particularly well suited to machining materials in Group S (Heat resistant Alloy).</i>
KV2515	Diese Nano-Mehrschichtbeschichtung ist universell einsetzbar und besonders geeignet für die Bearbeitung von Materialien der Gruppen M (Edelstahl). <i>The nano multilayer coating is suitable for a wide range of applications, and is particularly well suited to machining materials in Group M (stainless steel).</i>
KV2518	Hochfeinkörnige Nanokompositbeschichtung mit hoher Hitzebeständigkeit und Zähigkeit, besonders geeignet für die Bearbeitung von Materialien der Gruppen P (Stahl). <i>ultra fine grain nano composite coating with high heat resistance and toughness, and is particularly well suited to machining materials in Group P (steel).</i>

ISO-WENDE- SCHNEIDPLATTEN

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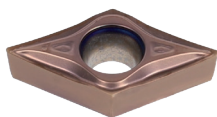
CCGT | DCGT | VCGT
geschliffene Wendeschneidplatte

CCGT | DCGT | VCGT
grinded insert



CCGT
Positive Schneidplatte
Positive insert
80° Rhombisch

Wendeplattenbezeichnung Inserttype	Abmessungen/ dimensions (mm)			PVD Beschichtungen/ PVD coating	
	Inkreis incircle	Stärke thickness	Radius radius	KV 2018	KV 2516
CCGT 030101R-FF	3,57	1,39	0,1	•	•
CCGT 030102R-FF			0,2	•	•
CCGT 040101R-FF	4,37	1,79	0,1	•	•
CCGT 040102R-FF			0,2	•	•
CCGT 060202R-UZ	6,35	2,38	0,2	•	•
CCGT 09T301-SF	9,525	3,97	0,1	•	•
CCGT 09T302-FK			0,2	•	•
CCGT 09T302R-UX			0,2	•	•



DCGT
Positive Schneidplatte
Positive insert
55° Rhombisch

Wendeplattenbezeichnung Inserttype	Abmessungen/ dimensions (mm)			PVD Beschichtungen/ PVD coating	
	Inkreis incircle	Stärke thickness	Radius radius	KV 0518	KV 0516
DCGT 070201-SF	6,35	2,38	0,1	•	
DCGT 070202-SF			0,2	•	
DCGT 11T301-SF	9,525	3,97	0,1	•	
DCGT 11T302-SF			0,2	•	
DCGT 11T304-SF			0,4	•	
DCGT 11T308-KF			0,8		•



VCGT
Positive Schneidplatte
Positive insert
35° Rhombisch

Wendeplattenbezeichnung Inserttype	Abmessungen/ dimensions (mm)			PVD Beschichtungen/ PVD coating	
	Inkreis incircle	Stärke thickness	Radius radius	KV 0518	KV 2018
VCGT 110301-SF	6,35	3,18	0,1	•	
VCGT 110302-SF			0,2	•	
VCGT 110304-SF			0,4		•

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ISO-WENDE- SCHNEIDPLATTEN

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Schnittwerte CCGT DCGT VCGT

Cutting parameter CCGT DCGT VCGT

M (Edelstahl / Stainless steel)		Vc (m/min)	ap (mm)	f (mm/rev)
CCGT030101R-FF	KV-2018	60-150	0.05-0.2	0.03-0.1
CCGT030102R-FF	KV-2018	60-150	0.05-0.2	0.03-0.15
CCGT040101R-FF	KV-2018	60-150	0.05-0.2	0.03-0.1
CCGT040102R-FF	KV-2018	60-150	0.05-0.2	0.03-0.15
CCGT060202R-UZ	KV-2516	60-110	0.5-3.5	0.02-0.1
CCGT09T301-SF	KV-2018	60-120	0.1-1.0	0.03-0.12
CCGT09T302-SF	KV-2018	60-120	0.1-1.0	0.03-0.15
CCGT09T302R-UX	KV-2516	60-110	0.5-3.5	0.02-0.1
DCGT070201-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
DCGT070202-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
DCGT11T301-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
DCGT11T302-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
DCGT11T304-SF	KV-0518	60-120	0.1-1.2	0.03-0.15
DCGT11T308-KF	KV-0516	60-120	0.1-1.2	0.03-0.15
VCGT110301-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
VCGT110302-SF	KV-0518	60-120	0.1-1.0	0.03-0.15
VCGT110304-SF	KV-0518	60-120	0.1-1.0	0.03-0.15

P (Stahl / Steel)		Vc (m/min)	ap (mm)	f (mm/rev)
CCGT030101R-FF	KV-2018	80-200	0.05-0.2	0.03-0.1
CCGT030102R-FF	KV-2018	80-200	0.05-0.2	0.03-0.15
CCGT040101R-FF	KV-2018	80-200	0.05-0.2	0.03-0.1
CCGT040102R-FF	KV-2018	80-200	0.05-0.2	0.03-0.15
CCGT060202R-ZU	KV-2516	80-140	0.5-3.5	0.02-0.1
CCGT09T301-SF	KV-2018	80-180	0.2-1.0	0.05-0.15
CCGT09T302-SF	KV-2018	80-180	0.2-1.0	0.05-0.2
CCGT09T302R-UX	KV-2516	80-140	0.5-3.5	0.02-0.1
DCGT070201-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
DCGT070202-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
DCGT11T301-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
DCGT11T302-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
DCGT11T304-SF	KV-0518	80-180	0.2-1.2	0.05-0.2
DCGT11T308-KF	KV-0516	80-180	0.2-1.2	0.05-0.2
VCGT110301-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
VCGT110302-SF	KV-0518	80-180	0.2-1.0	0.05-0.2
VCGT110304-SF	KV-0518	80-180	0.2-1.0	0.05-0.2

S (hitzebeständige Legierungen, Heat resistant Alloy)		Vc (m/min)	ap (mm)	f (mm/rev)
CCGT030101R-FF	KV-2018	-	-	-
CCGT030102R-FF	KV-2018	-	-	-
CCGT040101R-FF	KV-2018	-	-	-
CCGT040102R-FF	KV-2018	-	-	-
CCGT060202R-ZU	KV-2516	20-50	0.5-2.0	0.02-0.1
CCGT09T301-SF	KV-2018	-	-	-
CCGT09T302-SF	KV-2018	-	-	-
CCGT09T302R-UX	KV-2516	20-50	0.5-2.0	0.02-0.1
DCGT070201-SF	KV-0518	20-50	0.1-1.0	0.03-0.12
DCGT070202-SF	KV-0518	20-50	0.1-1.0	0.03-0.12
DCGT11T301-SF	KV-0518	20-50	0.1-1.0	0.03-0.12
DCGT11T302-SF	KV-0518	20-50	0.1-1.0	0.03-0.12
DCGT11T304-SF	KV-0518	20-50	0.1-1.0	0.03-0.12
DCGT11T308-KF	KV-0516	20-50	0.1-1.0	0.03-0.12
VCGT110301-SF	KV-0518	20-50	0.1-1.0	0.03-0.15
VCGT110302-SF	KV-0518	20-50	0.1-1.0	0.03-0.15
VCGT110304-SF	KV-0518	20-50	0.1-1.0	0.03-0.15

ISO-WENDE- SCHNEIDPLATTEN

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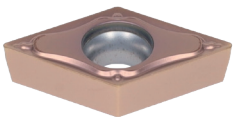
CCMT | DCMT
gesinterte Wendeschneidplatte

CCMT | DCMT
sintered inserts



CCMT
Positive Schneidplatte
Positive insert
80° Rhombisch

Wendeplattenbezeichnung Inserttype	Abmessungen/ dimensions (mm)			PVD Beschichtungen/ PVD coating	
	Inkreis incircle	Stärke thickness	Radius radius	KV 2518	KV 2515
CCMT09T302-FG	9,525	3,97	0,2	•	
CCMT09T304-FG			0,4	•	
CCMT09T304-MD			0,4		•
CCMT09T304-MG			0,4	•	
CCMT09T308-FG			0,8	•	
CCMT09T308-MD			0,8	•	
CCMT09T308-MG			0,8	•	
CCMT120404-MG	12,7	4,76	0,4	•	
CCMT120408-MG			0,8	•	



DCMT
Positive Schneidplatte
Positive insert
55° Rhombisch

Wendeplattenbezeichnung Inserttype	Abmessungen/ dimensions (mm)			PVD Beschichtungen/ PVD coating	
	Inkreis incircle	Stärke thickness	Radius radius	KV 2518	KV 2515
DCMT11T304-FG	9,525	3,97	0,4	•	
DCMT11T304-MD			0,4	•	
DCMT11T304-MG			0,4	•	
DCMT11T308-FG			0,8	•	
DCMT11T308-MD			0,8		•
DCMT11T308-MG			0,8	•	

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ISO-WENDE-SCHNEIDPLATTEN

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Schnittwerte CCMT | DCMT

Cutting parameter CCMT | DCMT

M (Edelstahl / Stainless steel)		Vc (m/min)	ap (mm)	f (mm/rev)
CCMT09T302-FG	KV-2518			
CCMT09T304-FG	KV-2518	80-180	0.20-1.20	0.05-0.15
CCMT09T304-MD	KV-2515			
CCMT09T304-MG	KV-2518	80-180	0.20-1.50	0.05-0.20
CCMT09T308-FG	KV-2518	80-180	0.20-1.20	0.05-0.15
CCMT09T308-MD	KV-2518	80-180	0.20-2.00	0.08-0.20
CCMT09T308-MG	KV-2518	80-180	0.20-1.50	0.05-0.20
CCMT120404-MG	KV-2518	80-180	0.20-2.50	0.05-0.20
CCMT120408-MG	KV-2518	80-180	0.20-2.50	0.05-0.20
DCMT11T304-FG	KV-2518	80-180	0.20-2.00	0.05-0.15
DCMT11T304-MD	KV-2518			
DCMT11T304-MG	KV-2518	80-180	0.20-2.50	0.05-0.20
DCMT11T308-FG	KV-2518	80-180	0.20-2.00	0.05-0.15
DCMT11T308-MD	KV-2515			
DCMT11T308-MG	KV-2518	80-180	0.20-2.50	0.05-0.20

P (Stahl / Steel)		Vc (m/min)	ap (mm)	f (mm/rev)
CCMT09T302-FG	KV-2518			
CCMT09T304-FG	KV-2518	80-280	0.20-1.20	0.05-0.15
CCMT09T304-MD	KV-2515			
CCMT09T304-MG	KV-2518	80-280	0.20-1.50	0.05-0.20
CCMT09T308-FG	KV-2518	80-280	0.20-1.20	0.05-0.15
CCMT09T308-MD	KV-2518			
CCMT09T308-MG	KV-2518	80-280	0.20-1.50	0.05-0.20
CCMT120404-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
CCMT120408-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
DCMT11T304-FG	KV-2518	80-280	0.20-2.00	0.05-0.15
DCMT11T304-MD	KV-2518			
DCMT11T304-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
DCMT11T308-FG	KV-2518	80-280	0.20-2.00	0.05-0.15
DCMT11T308-MD	KV-2515			
DCMT11T308-MG	KV-2518	80-280	0.20-2.50	0.05-0.20

S (hitzebeständige Legierungen, Heat resistant Alloy)		Vc (m/min)	ap (mm)	f (mm/rev)
CCMT09T302-FG	KV-2518			
CCMT09T304-FG	KV-2518			
CCMT09T304-MD	KV-2515			
CCMT09T304-MG	KV-2518			
CCMT09T308-FG	KV-2518			
CCMT09T308-MD	KV-2518	30-80	0.20-1.50	0.08-0.20
CCMT09T308-MG	KV-2518			
CCMT120404-MG	KV-2518			
CCMT120408-MG	KV-2518			
DCMT11T304-FG	KV-2518			
DCMT11T304-MD	KV-2518			
DCMT11T304-MG	KV-2518			
DCMT11T308-FG	KV-2518			
DCMT11T308-MD	KV-2515			
DCMT11T308-MG	KV-2518			

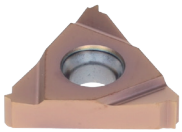
K (Guss / Cast iron)		Vc (m/min)	ap (mm)	f (mm/rev)
CCMT09T302-FG	KV-2518			
CCMT09T304-FG	KV-2518	80-280	0.20-1.20	0.05-0.15
CCMT09T304-MD	KV-2515			
CCMT09T304-MG	KV-2518	80-280	0.20-1.50	0.05-0.20
CCMT09T308-FG	KV-2518	80-280	0.20-1.20	0.05-0.15
CCMT09T308-MD	KV-2518			
CCMT09T308-MG	KV-2518	80-280	0.20-1.50	0.05-0.20
CCMT120404-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
CCMT120408-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
DCMT11T304-FG	KV-2518	80-280	0.20-2.00	0.05-0.15
DCMT11T304-MD	KV-2518			
DCMT11T304-MG	KV-2518	80-280	0.20-2.50	0.05-0.20
DCMT11T308-FG	KV-2518	80-280	0.20-2.00	0.05-0.15
DCMT11T308-MD	KV-2515			
DCMT11T308-MG	KV-2518	80-280	0.20-2.50	0.05-0.20

ISO-WENDE- SCHNEIDPLATTEN

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16ER-ISO

16ER-ISO



16ER

**ISO-Gewinde-
schneidplatte**
*ISO-threading
insert*

Wendeplattenbezeichnung <i>Inserttype</i>	Abmessungen/ <i>dimensions</i> (mm)			PVD Beschichtungen/ <i>PVD coating</i>	
	Inkreis <i>incircle</i>	Stärke <i>thickness</i>	Steigung <i>pitch</i>	KV 2518	KV 2515
GP-ER16- 1.0 ISO-GP	9,525	3,52	1,0	•	
GP-ER16- 1.25 ISO-GP			1,25	•	
GP-ER16- 1.50 ISO-GP			1,50	•	
GP-ER16- 1.75 ISO-GP			1,75		•
GP-ER16- 2.0 ISO-GP			2,0		•
GP-ER16- 2.5 ISO-GP	9,525	4,65	2,5		•
GP-ER16- 3.0 ISO-GP			3,0		•

Schnittwerte 16ER-ISO

Cutting parameter 16ER-ISO

M (Edelstahl / <i>Stainless steel</i>)		Vc (m/min)	ap (mm)	f (mm/rev)
16ER 1.0 ISO-GP	KV-2518	60-140	0.03-0.30	
16ER 1.25 ISO-GP	KV-2518	60-140	0.03-0.30	
16ER 1.50 ISO-GP	KV-2518	60-140	0.03-0.30	
16ER 1.75 ISO-GP	KV-2515	60-140	0.03-0.30	
16ER 2.0 ISO-GP	KV-2515	60-140	0.03-0.30	
16ER 2.5 ISO-GP	KV-2515	60-140	0.03-0.30	
16ER 3.0 ISO-GP	KV-2515	60-140	0.03-0.30	

P (Stahl / <i>Steel</i>)		Vc (m/min)	ap (mm)	f (mm/rev)
16ER 1.0 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.25 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.50 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.75 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 2.0 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 2.5 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 3.0 ISO-GP	KV-2515	60-240	0.03-0.30	

K (Guss / <i>Cast iron</i>)		Vc (m/min)	ap (mm)	f (mm/rev)
16ER 1.0 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.25 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.50 ISO-GP	KV-2518	60-240	0.03-0.30	
16ER 1.75 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 2.0 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 2.5 ISO-GP	KV-2515	60-240	0.03-0.30	
16ER 3.0 ISO-GP	KV-2515	60-240	0.03-0.30	



SPANNWERKZEUGE
CLAMPING TOOLS



WERKZEUGHALTER
TOOL HOLDER



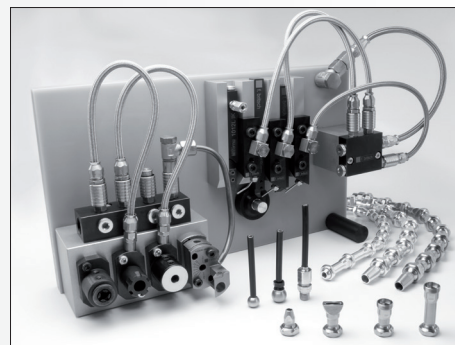
WENDESCHNEIDPLATTENSYSTEM
INSERTSYSTEMS



SCHNEIDWERKZEUGE
CUTTING TOOLS



INNENAUSDREHWERKZEUGE
INTERNAL BORING TOOLS

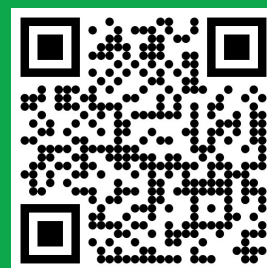


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