

Der Spezialist für Wendeplatten

Le spécialiste pour plaquettes

gültig ab
2020



Ab Lager Meier Protech oder kurzfristig ab Werk lieferbar.

En stock ou départ usine dans les meilleurs délais.

 **meier**
protech

Spann- und Werkzeugtechnik
Technique d'outillage et de serrage

Top-
Qualität
zu Super-Preisen
Excellent rapport
qualité-prix



Pokolm Frästechnik GmbH & Co. KG
Adam-Opel-Strasse 5
33428 Harsewinkel



Voha-Tosec Werkzeuge GmbH
Schreinerweg 2a-2b
51789 Lindlar



Korloy Europe GmbH
Zerspanungswerkzeuge
Gablonzer-Str. 25-27
61440 Oberursel



Mimatic GmbH
Tool Systems
Westendstrasse 3
87488 Bezigau



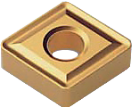
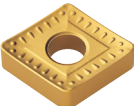
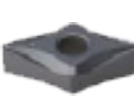
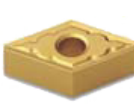
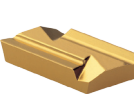
Sauter Feinmechanik GmbH
Carl-Zeiss-Strasse 7

72555 Metzingen

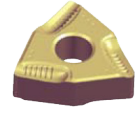
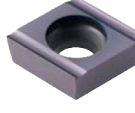
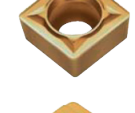
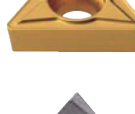


SAU-Tool S.p.A.
Bearbeitungswerkzeuge
Via Raseni 6/B
41040 Polinago

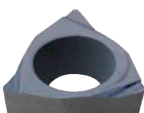
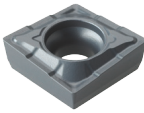
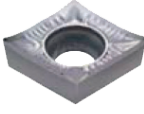
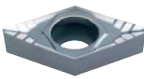
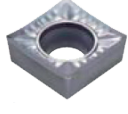
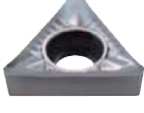
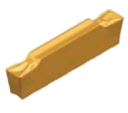
Drehwendeplatten

	CNMG	Seite 8
	CNMM	Seite 13
	DNMG	Seite 14
	DNMG	Seite 15
	DNMX	Seite 19
	KNUX	Seite 19
	SNGG	Seite 20
	SNMG	Seite 21
	SNMM	Seite 24
	TNGG	Seite 25
	TNMG	Seite 26
	TNMM	Seite 30
	TNMX	Seite 30

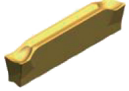
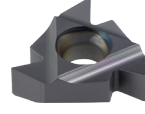
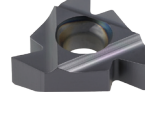
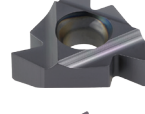
Drehwendeplatten

	VNMG	Seite 31
	WNMA	Seite 33
	WNMG	Seite 33
	WNMX	Seite 37
	CCGT	Seite 38
	CCMT	Seite 38
	DCGT	Seite 40
	DCMT	Seite 40
	RCMX	Seite 41
	SCMT	Seite 41
	SPGT	Seite 42
	TCMT	Seite 43
	TPGH	Seite 44

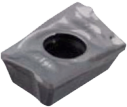
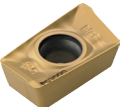
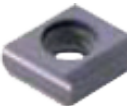
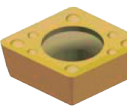
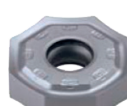
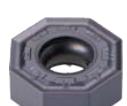
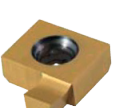
Drehwendeplatten

	TPMT	Seite 45
	VBMT	Seite 46
	VCMT	Seite 47
	WBG	Seite 48
	QCMT.. / QCGT..	Seite 49
	CCGT	Seite 50
	DCGT	Seite 50
	RCGT	Seite 51
	SCGT	Seite 51
	TCGT	Seite 52
	VBGT	Seite 52
	VCGT	Seite 53
	KGMI	Seite 54

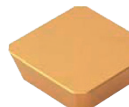
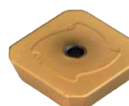
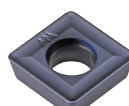
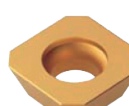
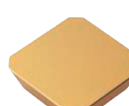
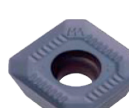
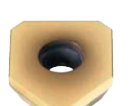
Stechplatten / Gewindeplatten

	KGMN	Seite 54
	KGMR	Seite 55
	FGM	Seite 55
	MGGN	Seite 55
	MGMN	Seite 56
	MGMR	Seite 57
	MRGN	Seite 57
	SP	Seite 58
	Teilprofil 60°	Seite 59
	Teilprofil 55°	Seite 60
	ISO-Gewinde	Seite 61
	Whitworth	Seite 63
	American UN	Seite 64

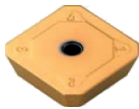
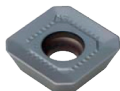
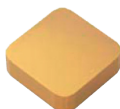
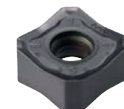
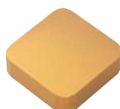
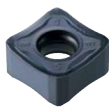
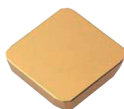
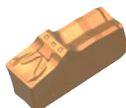
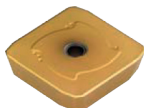
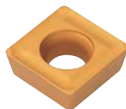
Fräswendeplatten

	APKT	Seite 65
	APMT	Seite 65
	APMT	Seite 66
	CNHQ	Seite 67
	CPMT	Seite 67
	LNEX	Seite 67
	LNMX	Seite 67
	LPMT	Seite 68
	OFKT	Seite 68
	ONHX	Seite 68
	ONMX	Seite 69
	ORG	Seite 69
	PNEJ	Seite 69

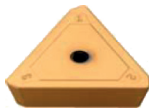
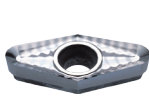
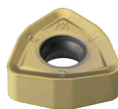
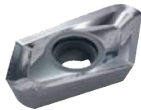
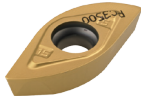
Fräswendeplatten

	RDCT	Seite 70
	RDHW	Seite 70
	RDKT	Seite 70
	RDKW	Seite 70
	SDCN	Seite 71
	SDET	Seite 71
	SDKN	Seite 71
	SDMT	Seite 71
	SDXT	Seite 71
	SECA	Seite 72
	SECN	Seite 72
	SEET	Seite 72
	SEEW	Seite 72

Fräswendeplatten

	SEKN	Seite 72
	SEXT	Seite 73
	SNCN	Seite 73
	SNEX	Seite 73
	SNEX	Seite 74
	SNHT	Seite 74
	SNKN	Seite 75
	SNMX	Seite 75
	SPCN	Seite 75
	SPFN	Seite 76
	SPKN	Seite 76
	SPMT	Seite 76
	TNMX	Seite 76

Fräswendeplatten

	TPCN	Seite 77
	TPKN	Seite 77
	TPKR	Seite 77
	TWX	Seite 77
	VCKT	Seite 77
	WDKT	Seite 78
	WNGX	Seite 78
	WNMX	Seite 78
	XEKT	Seite 79
	ZDMT	Seite 79
	ZPET	Seite 79

Fräswendeplatten



ZPMT

Seite 79



LBH

Seite 80



LBS

Seite 80



LCF

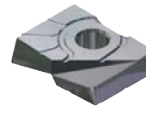
Seite 81



LFH

Seite 81

Bohrwendeplatten



LRH

Seite 81



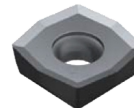
SPMT

Seite 82



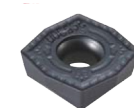
WCMT

Seite 82



XOET

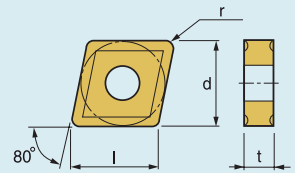
Seite 83



XOMT

Seite 83

Bezeichnung	d	t	$d1$
CNMG 0903..	9.52	3.18	3.81
CNMG 1204..	12.70	4.76	5.16
CNMG 1606..	15.87	6.36	6.35
CNMG 1906..	19.05	6.35	7.93

[illegible]

C=Cermet, H=Hartmetall		C	C	H	H		H	H	H	H	H	H	H	H	H	H	H	H	C	C					
ISO-Bezeichnung		P10	P20	K10	S15		P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	M25	M30	M35	K20	P10	P20			
unbesch. Preis		CN1500	CN2500	H01	H05	besch. Preis	NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	PC5300	PC9030	PC5400	NC6315	CC1500	CC2500			
																								fn (mm)	ap (mm)

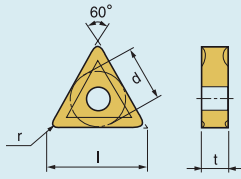
[illegible][illegible][illegible][illegible]

120404-B25																		0.17-0.45	1.00-5.00
120408-B25																		0.23-0.60	1.50-5.00
120412-B25																		0.25-0.60	2.00-5.00
160608-B25																		0.25-0.60	2.00-6.50
160612-B25																		0.27-0.60	2.00-6.50
160616-B25																		0.27-0.60	2.00-6.50
190604-B25																		0.20-0.45	3.00-8.00
190608-B25																		0.25-0.60	3.00-8.00
190612-B25																		0.30-0.60	3.00-8.00</

01.03.20 Seite 19

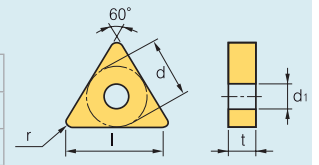
TNMM

Bezeichnung	<i>d</i>	<i>t</i>	<i>d1</i>
TNMM 1604..	9.52	4.76	3.81
TNMM 2204..	12.7	4.76	5.16
TNMM 2706..	15.87	6.35	6.35



TNMX

Bezeichnung	d	t	$d1$
TNMX 1604..	9.52	4.76	3.81
TNMX 2204..	12.7	4.76	5.16



P (Stahl)	●	✖				●	▲	✖	✖			▲		✖			●	●	▲
M (Rostfrei)							▲	▲		●	▲	●	▲	✖	▲	▲	✖		
K (Eisenguss)	●	✖	●	▲		▲		▲									▲	●	▲
N (NE-Metalle, Alu)			●	▲															
S (Super Leg.)			●	▲				●	●	●	▲			●	▲		✖		
H (Harte Werkstoffe)			●	▲						▲	✖								

Schnitte:
● kontinuierlich
▲ leicht unterbrochen
✖ stark unterbrochen

C=Cermet, H=Hartmetall				C	C	H	H			H	H	H	H	H	H	H	H	H	H	H	H	H	C	C		
ISO-Bezeichnung				P10	P20	K10	S15			P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	M25	M30	M35	M35	K20	P10	P20
unbesch. Preis				CN1500	CN2500	H01	H05			NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	PC5300	PC9030	PC5400	NC6315	CC1500	CC2500	
besch. Preis																										
				fn (mm)										ap (mm)												

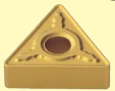
TNMM-GH



Schweres Schruppen

[illegible]

TNMM-GR



Schruppen

[illegible]

TNMX



Mittel bis Schlichten

160402R																	0.10-0.30	0.50-3.00
160404L																	0.12-0.30	1.00-3.50
160404R																	0.12-0.30	1.00-3.50
160408L																	0.15-0.35	1.30-3.40
160408R																	0.15-0.35	1.30-3.40
220404R																	0.12-0.30	1.00-5.00
220408R																	0.15-0.35	1.30-5.00

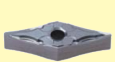
TNMX-SH



Mittel

[illegible]

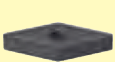
VNGG-HA



Mittel bis Schlichten

[illegible]

VNKG-VP3



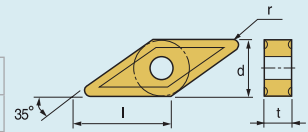
Mittel

[illegible]

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

VNMG

Bezeichnung	d	t	d1
VNMG 1604..	9.52	4.76	3.81
VNMG 2204..	12.7	4.76	5.16



P (Stahl)	●	×				●	▲	×	×			▲	×			●	●	▲
M (Rostfrei)							▲	▲		●	▲	●	▲	×	▲	▲	×	
K (Eisenguss)	●	×	●	▲		▲		▲								▲	▲	▲
N (NE-Metalle, Alu)			●	▲														
S (Super Leg.)			●	▲					●	●	●	▲		●	▲	×		
H (Harte Werkstoffe)			●	▲					▲	×								

Schnitte:
● kontinuierlich
▲ leicht unterbrochen
× stark unterbrochen

C=Cermet, H=Hartmetall	C	C	H	H				H	H	H	H	H	H	H	H	H	H	C	
ISO-Bezeichnung	P10	P20	K10	S15				P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	P20	
unbesch. Preis	CN1500	CN2500	H01	H05				NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	CC1500	
besch. Preis																		CC2500	
								</											

A diagram of a thin-walled open cross-section, specifically a channel. The main body is a parallelogram with a horizontal base of length l and a vertical height of d . The top-left corner is chamfered at a 35° angle. The top-right corner is rounded with a radius r . The wall thickness is denoted by t . A dashed circle indicates a hole in the center of the main body.

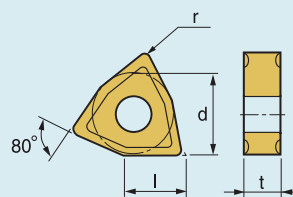
Schnitte:
 ● kontinuierlich
 ▲ leicht unterbrochen
 ✕ stark unterbrochen



■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

WNMG

Bezeichnung	d	t	d1
WNMG 0604..	9.52	4.76	3.81
WNMG 0804..	12.7	4.76	5.16



P (Stahl)	●	×				●	▲	×	×			▲	×			●	●	▲
M (Rostfrei)							▲	▲		●	▲	●	▲	×	▲	▲	×	
K (Eisenguss)	●	×	●	▲		▲		▲									▲	●
N (NE-Metalle, Alu)			●	▲														
S (Super Leg.)			●	▲					●	●	●	▲		●	▲	×		
H (Harte Werkstoffe)			●	▲						▲	×							

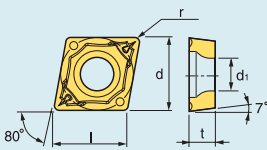
Schnitte:

- kontinuierlich
- ▲ leicht unterbrochen
- × stark unterbrochen

C=Cermet, H=Hartmetall				C	C	H	H					H	H	H	H	H	H	H	H	H	C	C	
ISO-Bezeichnung				P10	P20	K10	S15					P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	P20	
unbesch. Preis				CN1500	CN2500	H01	H05					NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	CC1500	
besch. Preis																						CC2500	

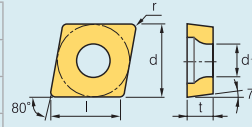
CCGT

Bezeichnung	l	d	t	d1
CCGT 0602..	6.2	6.35	2.38	2.8
CCGT 09T3..	9.2	9.52	3.97	4.4
CCGT 1204..	12.4	12.7	4.76	5.5



CCMT

Bezeichnung	d	t	d1
CCMT 0602..	6.35	2.38	2.8
CCMT 09T3..	9.52	3.97	4.4
CCMT 1204..	12.7	4.76	5.5



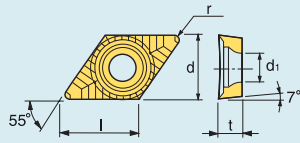
P (Stahl)	●	×				●	▲	×	×			▲	×			●	●	▲
M (Rostfrei)							▲	▲		●	▲	●	▲	×	▲	▲	×	
K (Eisenguss)	●	×	●	▲		▲		▲								▲	▲	▲
N (NE-Metalle, Alu)			●	▲														
S (Super Leg.)			●	▲					●	●	●	▲		●	▲	×		
H (Harte Werkstoffe)			●	▲						▲	×							

Schnitte:
 ● kontinuierlich
 ▲ leicht unterbrochen
 × stark unterbrochen

C=Cermet, H=Hartmetall					C	C	H	H			H	H	H	H	H	H	H	H	H	C	C		
ISO-Bezeichnung					P10	P20	K10	S15			P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	M30	P10	P20
unbesch. Preis					CN1500	CN2500	H01	H05			NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	PC5300	PC9030	CC1500
besch. Preis																							CC2500

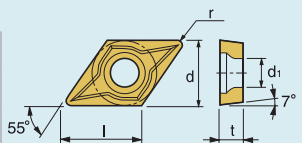
DCGT

Bezeichnung	d	t	d1
DCGT 0702..	6.35	2.38	2.8
DCGT 11T3..	9.52	3.97	4.4



DCMT

Bezeichnung	d	t	$d1$
DCMT 0702..	6.35	2.38	2.8
DCMT 11T3..	9.52	3.97	4.4



P (Stahl)	●	✖				●	▲	✖	✖			▲		✖			●	●	▲	Schnitte: ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen					
M (Rostfrei)							▲	▲		●	▲	●	▲	✖	▲	▲	✖								
K (Eisenguss)	●	✖	●	▲		▲		▲										▲	●		▲				
N (NE-Metalle, Alu)			●	▲																					
S (Super Leg.)			●	▲				●	●	●	▲			●	▲		✖								
H (Harte Werkstoffe)			●	▲						▲	✖														
C=Cermet, H=Hartmetall					C	C	H	H		H	H	H	H	H	H	H	H	H	H	C	C				
ISO-Bezeichnung					P10	P20	K10	S15		P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	M25	M30	M35	K20	P10	P20
unbesch. Preis					CN1500	CN2500	H01	H05		NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	PC5300	PC9030	PC5400	NC6315	CC1500	CC2500
besch. Preis																									

DCGT-C25



Mittel

[illegible]

DCGT-VP1



Schichten

[illegible]

DCGT-VP2

[illegible]

DCMT-C25



Mittel

070202-C25																				0.03-0.15	0.30-2.00
070204-C25																				0.05-0.20	0.50-2.50
070208-C25																				0.06-0.25	0.80-2.50
11T302-C25																				0.04-0.25	0.50-2.50
11T304-C25																				0.08-0.30	0.80-3.00
11T308-C25																				0.10-0.30	1.00-3.00

DCMT-HMP



Mittel bis Schlichten

070202-HMP		■ ■				■ ■ ■ ■				■ ■				0.03-0.12	0.10-1.50
070204-HMP		□ ■				□ ■ □ ■				■ ■				0.06-0.17	0.20-2.30
070208-HMP						■ ■ ■ ■				■ ■				0.08-0.23	0.40-2.30
11T302-HMP						□ ■ ■ ■				■ ■				0.04-0.22	0.10-2.00
11T304-HMP		■ ■			□ □	■ ■ ■ ■			□ □	■ ■	□ □			0.08-0.23	0.30-3.00
11T308-HMP		■ ■			□ □	■ ■ ■ ■			□ □	■ ■	□ □			0.10-0.30	0.50-3.00
11T312-HMP						■ ■		□		■ ■		□			

DCMT-MP



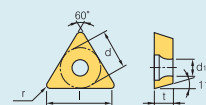
Mittel

070202-MP																				0.04-0.12	0.12-1.80
070204-MP																				0.05-0.15	0.30-1.80
070208-MP																				0.08-0.22	0.30-1.80
11T302-MP																				0.04-0.15	0.30-2.00
11T304-MP																				0.08-0.20	0.50-2.30
11T308-MP																				0.10-0.30	0.50-2.30

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

TPGH

Bezeichnung	<i>d</i>	<i>t</i>	<i>d1</i>
TP_ 0802..	4.76	2.38	2.3
TP_ 1103..	6.35	2.38-3.18	3.4
TP_ 1604..	9.52	3.18-4.76	4.4

[illegible][illegible]

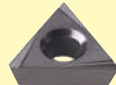
TOEH



Mittel - Schichten

[illegible]

TPGH



Schichten

080204L		☐														0.01-0.15	0.08-1.70
110202L												☐				0.01-0.12	0.06-2.00
110304L		☐															
																	

TPGN



Mittel bis Schlichten

110304		□	□			□								0.07-0.20	0.70-3.00
110308			□			□								0.10-0.25	1.00-3.00
160304			□			□					□			0.07-0.20	1.00-5.00
160308			□			□	□				□			0.10-0.25	1.00-5.00
160312			□			□								0.15-0.30	1.00-5.00
220404						□					□			0.07-0.20	1.50-7.00
220412						■								0.15-0.30	1.50-7.00

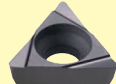
TPGT



Mittel bis Schlichten

080202L															0.05-0.20	0.30-1.50		
080202R																0.05-0.20	0.30-1.50	
080204L																		
110302L																	0.05-0.20	0.30-1.50
110304L																	0.05-0.20	0.50-2.00
110304R																	0.05-0.20	0.50-2.00
160404L																	0.05-0.20	0.70-3.00
160408L																	0.05-0.20	0.70-3.00

TPGX



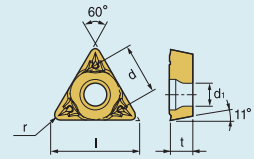
Mittel bis Schlichten

[illegible]

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

TPMT

Bezeichnung	d	t	d1
TPMT 1103..	6.35	3.18	3.4
TPMT 1604..	9.52	4.76	4.4

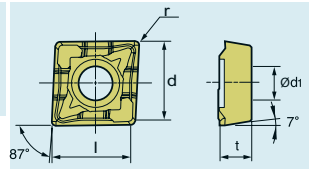


P (Stahl)	●	×				●	▲	×	×			▲	×			●	●	▲
M (Rostfrei)							▲	▲		●	▲	●	▲	×	▲	▲	×	
K (Eisenguss)	●	×	●	▲			▲		▲								▲	●
N (NE-Metalle, Alu)			●	▲														
S (Super Leg.)			●	▲					●	●	●	▲		●	▲	×		
H (Harte Werkstoffe)			●	▲						▲	×							

Schnitte:
● kontinuierlich
▲ leicht unterbrochen
× stark unterbrochen

C=Cermet, H=Hartmetall	C	C	H	H				H	H	H	H	H	H	H	H	H	H	C	
ISO-Bezeichnung	P10	P20	K10	S15				P15	P25	P30	P35	S05	S10	S15	M15	M25	M35	P20	
unbesch. Preis	CN1500	CN2500	H01	H05				NC3215	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	NC9115	NC9125	NC9135	CC1500	
besch. Preis																		CC2500	

QCMT.. / QCGT..



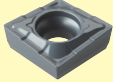
P (Stahl)			●	▲	●
M (Rostfrei)					✱
K (Eisenguss)	▲		▲		▲
N (NE-Metalle, Alu)	▲				
S (Super Leg.)	▲				✱
H (Harte Werkstoffe)	▲				

Schnitte:

- kontinuierlich
- ▲ leicht unterbrochen
- ✱ stark unterbrochen

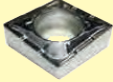
C=Cermet, H=Hartmetall	H		H	H	H	H					
ISO-Bezeichnung	K10		P15	P25	M25	K20					
			NC3220	NC3225	PC5300	NC6315					
unbesch. Preis	H01	besch. Preis					L	d	t	r	Ød1

QCMT-CM



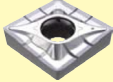
050202-CM							5.0	5.4	2.10	0.2	2.1
050204-CM							5.0	5.4	2.10	0.4	2.3
060204-CM							6.0	6.4	2.38	0.4	2.5
070304-CM							7.0	7.4	3.18	0.4	2.8
080304-CM							8.0	8.4	3.18	0.4	3.4
10T304-CM							10.0	10.4	3.97	0.4	4.0
130408-CM							12.7	13.5	4.67	0.8	5.5
170508-CM							16.7	16.5	5.56	0.8	5.5

QCMT-B



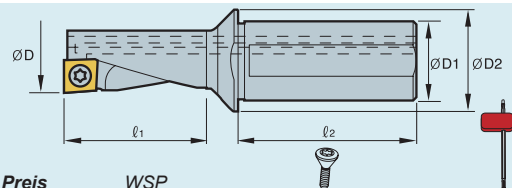
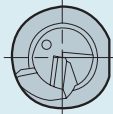
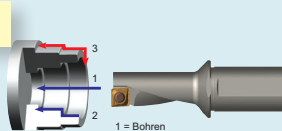
050204B-CM							5.0	5.4	2.10	0.4	2.3
060204B-CM							6.0	6.4	2.38	0.4	2.5
070304B-CM							7.0	7.4	3.18	0.4	2.8
080304B-CM							8.0	8.4	3.18	0.4	3.4
10T304B-CM							10.0	10.4	3.97	0.4	4.0

QCGT-CA



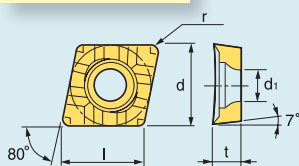
050204-CA							5.0	5.4	2.10	0.4	2.3
060204-CA							6.0	6.4	2.38	0.4	2.5
070304-CA							7.0	7.4	3.18	0.4	2.8
080304-CA							8.0	8.4	3.18	0.4	3.4
10T304-CA							10.0	10.4	3.97	0.4	4.0
130408-CA							12.7	13.5	4.76	0.8	5.5
170508-CA							16.7	17.5	5.56	0.8	5.5

Multi Turn

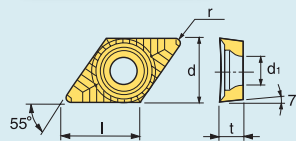


Bezeichnung	ØD	ØD1	ØD2	l1	l2	L	Preis	WSP		
MT10R-1.50D	10	12	16	15.0	40.0	60.0		QC_050204	FTNA0204S	TW06P
MT12R-1.50D	12	16	20	27.0	45.0	78.0		QC_060204	FTNA02205S	"
MT14R-1.50D	14	16	20	31.5	45.0	83.5		QC_070304	FTKA02555	TWP07P
MT16R-1.50D	16	20	25	36.0	50.0	94.0		QC_080304	FTNA0306	TWP09P
MT20R-1.50D	20	25	32	45.0	56.0	111.0		QC_10T304	FTNA03508	TWP15P
MT10R/L-2.25D	10	12	16	22.5	42.0	69.5		QC_050204	FTNA0204S	TWP06P
MT12R/L-2.25D	12	16	20	27.0	45.0	78.0		QC_060204	FTNA02205S	"
MT14R/L-2.25D	14	16	20	31.5	45.0	83.5		QC_070304	FTKA02555	TWP07P
MT16R/L-2.25D	16	20	25	36.0	50.0	94.0		QC_080304	FTNA0306	TWP09P
MT20R/L-2.25D	20	25	32	45.0	56.0	111.0		QC_10T304	FTNA03508	TWP15P
MT25R/L-2.25D	25	32	40	56.5	61.0	130.0		QC_130408	FTNC04509	TW20S
MT32R/L-2.25D	32	40	50	72.0	74.0	160.0		QC_170508	FTNC04511	"

CCGT



DCGT

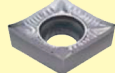


P (Stahl)					
M (Rostfrei)				✗	●
K (Eisenguss)	●				
N (NE-Metalle, Alu)	▲	✗			
S (Super Legierungen)					●
H (Harte Werkstoffe)					

Schnitte:
 ● kontinuierlich
 ▲ leicht unterbrochen
 ✗ stark unterbrochen

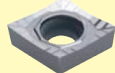
C=Cermet, H=Hartmetall	H	H		H	H							
ISO-Bezeichnung	K10	S15		P35	S15	Abmessungen						
unbesch. Preis	H01	H05	besch. Preis	PC5040	PC8110	l	d	t	r	d1	fn (mm)	ap (mm)

CCGT-AK



060202-AK		■	□		■	■	6.2	6.35	2.38	0.2	2.8	0.01-0.12	0.05-3.00
060204-AK		■	□		■	□	6.0	6.35	2.38	0.4	2.8	0.02-0.15	0.10-3.00
060208-AK		■	□		■	■	5.6	6.35	2.38	0.8	2.8	0.02-0.20	0.10-4.00
09T302-AK		■	□		■	□	9.4	9.525	3.97	0.2	4.4	0.02-0.20	0.05-3.00
09T304-AK		■	□		■	■	9.2	9.525	3.97	0.4	4.4	0.02-0.30	0.10-5.00
09T308-AK		■	□		■	■	8.8	9.525	3.97	0.8	4.4	0.03-0.50	0.10-5.00
120402-AK		■	□		■	□	12.6	12.7	4.76	0.2	5.5	0.02-0.30	0.05-4.00
120404-AK		■	□		■	■	12.4	12.7	4.76	0.4	5.5	0.03-0.50	0.10-5.00
120408-AK		■	□		■	□	12.0	12.7	4.76	0.8	5.5	0.04-0.80	0.10-5.50

CCGT-AR



060202-AR		■	□				6.2	6.35	2.38	0.2	2.8	0.02-0.30	0.30-4.00
060204-AR		■	□				6.0	6.35	2.38	0.4	2.8	0.03-0.35	0.50-4.50
060208-AR		■	□				5.6	6.35	2.38	0.8	2.8	0.04-0.50	0.50-4.50
09T302-AR		■	□				9.4	9.525	3.97	0.2	4.4	0.03-0.45	0.30-4.00
09T304-AR		■	□				9.2	9.525	3.97	0.4	4.4	0.04-0.50	0.50-4.50
09T308-AR		■	□				8.8	9.525	3.97	0.8	4.4	0.05-0.60	0.50-6.00
120402-AR		■	□				12.6	12.7	4.76	0.2	5.5	0.04-0.50	0.30-5.00
120404-AR		■	□				12.4	12.7	4.76	0.4	5.5	0.05-0.60	0.50-6.00
120408-AR		■	□				12.0	12.7	4.76	0.8	5.5	0.06-0.65	0.50-6.00
120412-AR		□					11.6	12.7	4.76	1.2	5.5	0.08-0.70	0.50-6.50

DCGT-AK



070202-AK		■	□		■	■	7.5	6.35	2.38	0.2	2.8	0.01-0.20	0.05-3.00
070204-AK		■	□		■	■	7.3	6.35	2.38	0.4	2.8	0.02-0.30	0.10-4.00
070208-AK		■	□		■	□	6.8	6.35	2.38	0.8	2.8	0.03-0.40	0.10-4.00
11T302-AK		■	□		■	□	11.4	9.525	3.97	0.2	4.4	0.02-0.30	0.05-4.00
11T304-AK		■	□		■	■	11.2	9.525	3.97	0.4	4.4	0.03-0.50	0.10-5.00
11T308-AK		■	□		■	□	10.8	9.525	3.97	0.8	4.4	0.03-0.50	0.10-5.00
11T312-AK		■	□			■	10.4	9.525	3.97	1.2	4.4	0.04-0.60	0.15-5.00

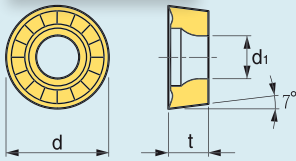
DCGT-AR



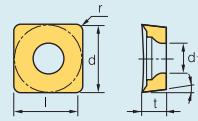
070202-AR		■	□				7.5	6.35	2.38	0.2	2.8	0.02-0.30	0.30-4.00
070204-AR		■	□			□	7.3	6.35	2.38	0.4	2.8	0.03-0.40	0.50-5.00
070208-AR		■	□				6.8	6.35	2.38	0.8	2.8	0.04-0.50	0.50-5.00
11T302-AR		■	□				11.4	9.525	3.97	0.2	4.4	0.03-0.45	0.30-6.00
11T304-AR		■	□				11.2	9.525	3.97	0.4	4.4	0.04-0.50	0.50-6.00
11T308-AR		■	□				10.8	9.525	3.97	0.8	4.4	0.05-0.60	0.50-6.00
11T312-AR		■	□				10.4	9.525	3.97	1.2	4.4	0.08-0.65	0.50-6.50

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✗ stark unterbrochen

RCGT



SCGT



P (Stahl)					
M (Rostfrei)				✕	●
K (Eisenguss)	●				
N (NE-Metalle, Alu)	▲	✕			
S (Super Legierungen)					●
H (Harte Werkstoffe)					

Schnitte:
● kontinuierlich
▲ leicht unterbrochen
✕ stark unterbrochen

C=Cermet, H=Hartmetall	H	H		H	H							
ISO-Bezeichnung	K10	S15		P35	S15	Abmessungen						
unbesch. Preis	H01	H05	besch. Preis	PC5040	PC8110	l	d	t	r	d1	fn (mm)	ap (mm)

RCGT-AK



0602MO-AK		■	□		■	-	6.0	2.38	-	2.8	0.05-0.20	0.50-2.00
0803MO-AK		■	□		■	-	8.0	3.18	-	3.35	0.05-0.25	0.50-2.50
1003MO-AK		■	□		■	-	10.0	3.18	-	4.0	0.10-0.30	1.00-3.00
10T3MO-AK		□			□	-	10.0	3.97	-	4.4	0.10-0.30	1.00-3.00
1204MO-AK		■	□		■	-	12.0	4.76	-	4.4	0.10-0.35	1.00-3.50

RCGT-AR



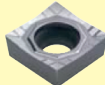
0602MO-AR		■				-	6.0	2.38	-	2.8	0.05-0.20	0.50-2.00
0803MO-AR		■				-	8.0	3.18	-	3.35	0.05-0.25	0.50-2.50
1003MO-AR		■	□			-	10.0	3.18	-	4.0	0.10-0.30	1.00-3.00
10T3MO-AR		■				-	10.0	3.97	-	4.4	0.10-0.30	1.00-3.00
1204MO-AR		■	□			-	12.0	4.76	-	4.4	0.10-0.35	1.00-3.50

SCGT-AK



09T302-AK		■	□		■	■	9.3	9.525	3.97	0.2	4.4	0.02-0.30	0.10-4.00
09T304-AK		■			■	■	9.1	9.525	3.97	0.4	4.4	0.04-0.40	0.10-5.00
09T308-AK		■			■	□	8.7	9.525	3.97	0.8	4.4	0.03-0.40	0.10-5.00
120404-AK		■	□		■	■	12.3	12.7	4.76	0.4	5.5	0.03-0.50	0.10-5.00
120408-AK		■			■	■	11.9	12.7	4.76	0.8	5.5	0.04-0.60	0.15-5.50
120416-AK		■			■	■	11.1	12.7	4.76	1.6	5.5	0.04-0.60	0.15-5.50

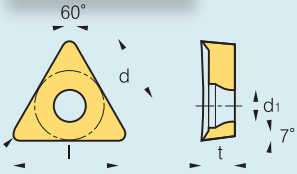
SCGT-AR



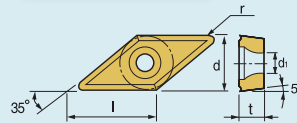
09T304-AR		□	□				9.1	9.525	3.97	0.4	4.4	0.04-0.50	0.50-6.00
09T308-AR		□					8.7	9.525	3.97	0.8	4.4	0.04-0.50	0.50-6.50
120404-AR		■	□				12.3	12.7	4.76	0.4	5.5	0.05-0.60	0.50-6.50
120408-AR		□					11.9	12.7	4.76	0.8	5.5	0.05-0.60	0.50-7.00

■ ab Lager	□ kurzfristig lieferbar	● kontinuierlich	▲ leicht unterbrochen	✕ stark unterbrochen
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TCGT



VBGT



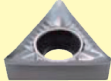
P (Stahl)					
M (Rostfrei)				✗	●
K (Eisenguss)	●				
N (NE-Metalle, Alu)	▲	✗			
S (Super Legierungen)					●
H (Harte Werkstoffe)					

Schnitte:

- kontinuierlich
- ▲ leicht unterbrochen
- ✗ stark unterbrochen

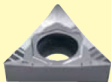
C=Cermet, H=Hartmetall	H	H		H	H							
ISO-Bezeichnung	K10	S15		P35	S15	Abmessungen						
unbesch. Preis	H01	H05	besch. Preis	PC5040	PC8110	l	d	t	r	d1	fn (mm)	ap (mm)

TCGT-AK



090202-AK		■	□		■	9.1	5.56	2.38	0.2	2.5	0.01-0.12	0.05-3.00
090204-AK		■	□		□	8.6	5.56	2.38	0.4	2.5	0.02-0.15	0.10-4.00
110202-AK		■	□		■	10.5	6.35	2.38	0.2	2.8	0.02-0.20	0.05-4.00
110204-AK		■	□		■	10.0	6.35	2.38	0.4	2.8	0.03-0.30	0.10-4.00
110208-AK		■	□		■	9.0	6.35	2.38	0.8	2.8	0.03-0.40	0.10-5.00
16T302-AK		■	□		■	15.0	9.525	3.97	0.2	4.4	0.02-0.30	0.05-5.00
16T304-AK		■	□		■	15.5	9.525	3.97	0.4	4.4	0.03-0.40	0.10-5.50
16T308-AK		■	□		■	14.5	9.525	3.97	0.8	4.4	0.03-0.50	0.10-5.50
16T312-AK		■	□		□	13.5	9.525	3.97	1.2	4.4	0.04-0.60	0.15-5.50
16T316-AK		□	□		□	12.5	9.525	3.97	1.6	4.4	0.05-0.80	0.15-5.50
16T325-AK		□	□		□	10.0	9.525	3.97	2.5	4.4	0.06-0.90	0.20-7.00

TCGT-AR



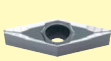
090202-AR		□	□		□	9.1	5.56	2.38	0.2	2.5	0.02-0.18	0.30-3.00
090204-AR		■	□		□	8.6	5.56	2.38	0.4	2.5	0.02-0.25	0.30-5.00
110202-AR		■	□		□	10.5	6.35	2.38	0.2	2.8	0.02-0.30	0.30-4.00
110204-AR		■	□		□	10.0	6.35	2.38	0.4	2.8	0.03-0.40	0.30-5.00
110208-AR		□	□		□	9.0	6.35	2.38	0.8	2.8	0.04-0.45	0.50-6.00
16T302-AR		□	□		□	15.0	9.525	3.97	0.2	4.4	0.03-0.45	0.30-5.00
16T304-AR		■	□		□	15.5	9.525	3.97	0.4	4.4	0.04-0.50	0.50-6.00
16T308-AR		□	□		□	14.5	9.525	3.97	0.8	4.4	0.05-0.60	0.50-6.00
16T312-AR		□	□		□	13.5	9.525	3.97	1.2	4.4	0.06-0.65	0.50-6.00
16T316-AR		□	□		□	12.5	9.525	3.97	1.6	4.4	0.08-0.70	0.50-6.50

VBGT-AK



110302-AK		■	□		■	10.5	6.35	3.18	0.2	2.8	0.02-0.15	0.05-3.00
110304-AK		■	□		■	10.0	6.35	3.18	0.4	2.8	0.02-0.15	0.10-4.00
110308-AK		■	□		□	9.0	6.35	3.18	0.8	2.8	0.03-0.18	0.10-5.00
160402-AK		■	□		■	16.1	9.525	4.76	0.2	4.4	0.03-0.30	0.05-4.00
160404-AK		■	□		■	15.6	9.525	4.76	0.4	4.4	0.03-0.40	0.10-5.00
160408-AK		■	□		■	14.6	9.525	4.76	0.8	4.4	0.03-0.50	0.10-5.00
160412-AK		■	□		□	13.6	9.525	4.76	1.2	4.4	0.05-0.60	0.10-5.50

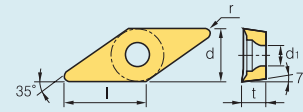
VBGT-AR



110302-AR		□	□		□	10.5	6.35	3.18	0.2	2.8	0.02-0.35	0.30-3.00
110304-AR		■	□		□	10.0	6.35	3.18	0.4	2.8	0.03-0.45	0.30-4.00
110308-AR		□	□		□	9.0	6.35	3.18	0.8	2.8	0.03-0.50	0.50-6.00
160402-AR		■	□		□	16.1	9.525	4.76	0.2	4.4	0.04-0.45	0.30-5.00
160404-AR		■	□		□	15.6	9.525	4.76	0.4	4.4	0.04-0.50	0.50-6.00
160408-AR		■	□		□	14.6	9.525	4.76	0.8	4.4	0.05-0.60	0.50-6.00
160412-AR		□	□		□	13.6	9.525	4.76	1.2	4.4	0.05-0.70	0.50-6.50

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✗ stark unterbrochen

VCGT



P (Stahl)					
M (Rostfrei)				✕	●
K (Eisenguss)	●				
N (NE-Metalle, Alu)	▲	✕			
S (Super Legierungen)					●
H (Harte Werkstoffe)					

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✕ stark unterbrochen

C=Cermet, H=Hartmetall	H	H		H	H							
ISO-Bezeichnung	K10	S15		P35	S15	Abmessungen						
unbesch. Preis	H01	H05	besch. Preis	PC5040	PC8110	l	d	t	r	d1	fn (mm)	ap (mm)

VCGT-AK



110301-AK		■			■	10.2	6.35	3.18	0.1	2.8	0.02-0.15	0.05-3.00
110302-AK		■	□		■	10.5	6.35	3.18	0.2	2.8	0.02-0.20	0.05-3.00
110304-AK		■	□		■	10.0	6.35	3.18	0.4	2.8	0.02-0.25	0.10-4.00
110308-AK		■	□		■	9.0	6.35	3.18	0.8	2.8	0.03-0.30	0.10-5.00
130302-AK		■			■	10.5	7.94	3.18	0.2	3.4	0.02-0.35	0.10-5.00
130304-AK		■	□		■	10.0	7.94	3.18	0.4	3.4	0.03-0.35	0.10-5.00
130308-AK		■			■	9.0	7.94	3.18	0.8	3.4	0.04-0.40	0.10-5.00
160402-AK		■	□		■	16.1	9.525	4.76	0.2	4.4	0.02-0.30	0.05-5.00
160404-AK		■	□		■	15.6	9.525	4.76	0.4	4.4	0.03-0.40	0.10-5.00
160408-AK		■	□		■	14.0	9.525	4.76	0.8	4.4	0.03-0.50	0.10-5.00
160412-AK		□	□		■	13.6	9.525	4.76	1.2	4.4	0.03-0.50	0.10-5.00
220516-AK		□	□		□	18.0	12.7	5.56	1.6	5.6	0.03-0.60	0.10-7.00
220525-AK		■	□		■	15.6	12.7	5.56	2.5	5.6	0.05-0.70	0.10-7.00
220530-AK		■	□		■	14.3	12.7	5.56	3.0	5.6	0.08-1.00	0.10-7.00

VCGT-AR



110302-AR		■	□			10.5	6.35	3.18	0.2	2.8	0.02-0.25	0.30-3.00
110304-AR		■	□			10.0	6.35	3.18	0.4	2.8	0.03-0.35	0.30-4.00
110308-AR		■				9.0	6.35	3.18	0.8	2.8	0.04-0.45	0.50-6.00
130302-AR		□	□			10.5	7.94	3.18	0.2	3.4	0.02-0.40	0.50-3.00
130304-AR		□	□			10.0	7.94	3.18	0.4	3.4	0.03-0.45	0.50-4.00
130308-AR		■				9.0	7.94	3.18	0.8	3.4	0.04-0.50	0.50-5.00
160402-AR		■	□			16.1	9.525	4.76	0.2	4.4	0.03-0.40	0.30-5.00
160404-AR		■	□			15.6	9.525	4.76	0.4	4.4	0.04-0.50	0.50-6.00
160408-AR		■	□			14.0	9.525	4.76	0.8	4.4	0.05-0.60	0.50-6.00
160412-AR		■				13.6	9.525	4.76	1.2	4.4	0.06-0.65	0.50-6.50
220525-AR		□				15.6	12.7	5.56	2.5	5.6	0.10-0.70	0.80-7.00
220530-AR		■	□			14.3	12.7	5.56	3.0	5.6	0.12-0.75	1.00-7.00

■ ab Lager	□ kurzfristig lieferbar	● kontinuierlich	▲ leicht unterbrochen	✕ stark unterbrochen
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KGMI

KGMN

P (Stahl)			●	▲	▲	▲						
M (Rostfrei)					▲	▲	●		▲	▲		
K (Eisenguss)						●						
N (NE-Metalle, Alu)	●											
S (Super Legierungen)							●		▲			
H (Harte Werkstoffe)												

Schnitte:

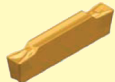
● kontinuierlich

▲ leicht unterbrochen

✱ stark unterbrochen

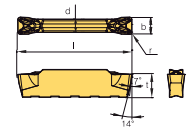
H=Hartmetall		H	H	H	H	H	H	H	H	H							Geometrie			
ISO-Bezeichnung		K10	P20	P25	P30	P35	S05	S10	S15	M25	M30	K20	Abmessungen							
unbesch.	Preis	H01	besch.	Preis	NC3220	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	PC5300	PC9030	NC6315	b	r		l	d	t

KGMI-T



Stechen - Innen

200-02-T					□			■				■	■	□	2.0	0.2	20.0	1.70	-	-
300-04-T					□			■				■	■	□	3.0	0.4	20.0	2.30	-	-
400-04-T					□			■				■	■	□	4.0	0.4	20.0	3.30	-	-

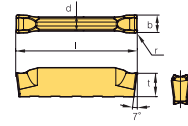


KGMN-L



Stechen - Abstechen

200-02-L					□	■		■			□	■	■	□	2.0	0.2	20.0	1.70	-	-
300-02-L					□	■		■		□		■	■	□	3.0	0.2	20.0	2.30	-	-
400-02-L					□	■		■				■	■	□	4.0	0.2	20.0	3.30	-	-
500-03-L					□	■		■				■	■	□	5.0	0.3	25.0	4.10	-	-
500-05-L														□	5.0	0.5	25.0	4.10	-	-
600-03-L					□	■		■				■	■	□	6.0	0.3	25.0	5.10	-	-

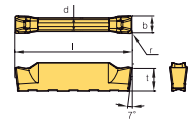


KGMN-R



Stechen - Abstechen

150-015-R					□	□		□	□			□	□	□	1.5	0.15	25.0	4.10	-	-
200-02-R					□	■		■				■	■	□	2.0	0.2	20.0	1.70	-	-
300-02-R					□	■		■				■	■	□	3.0	0.2	20.0	2.30	-	-
400-03-R					□	■		■				■	■	□	4.0	0.3	20.0	3.30	-	-
500-03-R					□	■		■				■	■	□	5.0	0.3	25.0	4.10	-	-
600-03-R					□	□		■				■	■	□	6.0	0.3	25.0	5.10	-	-
800-04-R					□			■				■	■	□	8.0	0.4	30.0	6.10	-	-

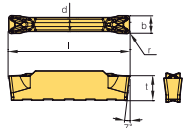


KGMN-T

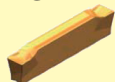


Stechen - Drehen

150-015-T					□	□		□	□			□	□	□	1.5	0.15	16.0	1.20	-	-
200-02-T					□	■		■	□			■	■	□	2.0	0.2	20.0	1.70	-	-
250-02-T						□		□				□	■	□	2.5	0.2	20.0	2.00	-	-
300-02-T					□	■		■	□			■	■	□	3.0	0.2	20.0	2.30	-	-
300-04-T					□	■		■				■	■	□	3.0	0.4	20.0	2.30	-	-
300-08-T						□		■				■	■	□	3.0	0.8	20.0	2.30	-	-
400-04-T					□	■		■				■	■	□	4.0	0.4	20.0	3.30	-	-
400-08-T					□	■		□				■	■	□	4.0	0.8	20.0	3.30	-	-
500-04-T					□	■		■	□			■	■	□	5.0	0.4	25.0	4.10	-	-
500-08-T					□	■		□				■	■	□	5.0	0.8	25.0	4.10	-	-
600-04-T					□	■		■				■	■	□	6.0	0.4	25.0	5.10	-	-
600-08-T					□	■		■				■	■	□	6.0	0.8	25.0	5.10	-	-
800-08-T					□	■		■	□			■	■	□	8.0	0.8	30.0	6.10	-	-

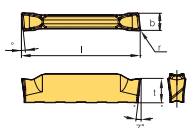


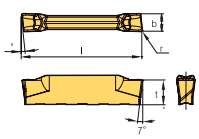
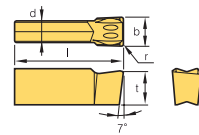
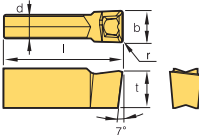
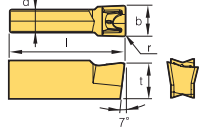
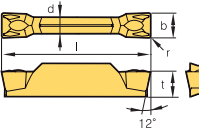
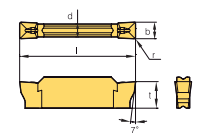
KGMR-LP



Abtechen

200-6D-LP					□			■				■	■	□	2.0	0.2	20.0	1.70	-	6.0
200-8D-LP								■				■	■	□	2.0	0.2	20.0	1.70	-	8.0
200-15D-LP					□			■				■	■	□	2.0	0.2	20.0	1.70	-	15.0
300-6D-LP					□			■				■	■	□	3.0	0.2	20.0	2.30	-	6.0
300-15D-LP					□			□				■	■	□	3.0	0.2	20.0	2.30	-	15.0
400-4D-LP					□			□				■	■	□	4.0	0.3	20.0	3.30	-	4.0
400-15D-LP					□			□				■	■	□	4.0	0.3	20.0	3.30	-	15.0



KGMR		FGM		MGGN																		
P (Stahl)						●	▲	▲	▲							Schnitte: ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen						
M (Rostfrei)								▲	▲	●		▲	▲									
K (Eisenguss)									●													
N (NE-Metalle, Alu)		●																				
S (Super Legierungen)										●		▲										
H (Harte Werkstoffe)																						
H=Hartmetall		H				H	H	H	H	H	H	H	H	H								
ISO-Bezeichnung		K10				P20	P25	P30	P35	S05	S10	S15	M25	M30	K20			Abmessungen				
unbesch. Preis		H01	besch. Preis			NC3220	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	PC5300	PC9030	NC6315	b	r	l	d	t	α°	Geometrie
KGMR-RP  Abstechen	200-6D-RP					□			■	□		□	■	■	□	2.0	0.2	20.0	1.70		6.0	
	200-8D-RP														□	2.0	0.2	20.0	1.70		8.0	
	200-15D-RP					□			□				■	□	□	2.0	0.2	20.0	1.70		15.0	
	300-6D-RP					□			■				□	■	■	3.0	0.2	20.0	2.30		6.0	
	300-15D-RP					□			□				□	■	□	3.0	0.2	20.0	2.30		15.0	
	400-4D-RP					□			□				■	■	□	4.0	0.3	20.0	3.30		4.0	
	400-15D-RP					□			□				■	□	□	4.0	0.3	20.0	3.30		15.0	
500-4D-RP														□								
FGD  Axialstechen	300R-03							■			□			□	□	3.0	0.3	15.0	2.00	4.00	-	
	400R-04					□		■	□					□	□	4.0	0.4	15.0	3.00	4.50	-	
	500R-04					□		■						□	□	5.0	0.4	15.0	4.00	5.00	-	
FGM  Axialstechen	300R-03							□						□	□	3.0	0.3	15.0	2.00	4.00	-	
	400R-04					□		■						□	□	4.0	0.4	15.0	3.00	4.50	-	
	500R-04							■								5.0	0.4	15.0	4.00	5.00	-	
	500R-05													□	□							
FMM  Axialstechen	300R-03							■			□			□	□	3.0	0.3	15.0	2.00	3.91	-	
	400R-04					□		■						□	□	4.0	0.4	15.0	3.00	3.96	-	
	500R-04							■			□			□	□	5.0	0.4	15.0	4.00	4.42	-	
MFMN  Axialstechen	300					□		■	■				□	□	□	3.0	0.2	18.0	2.00	-	-	
MGGN-A  Einstecken	300-02-A		□													3.0	0.2	21.0	2.35	4.80	-	
	300-04-A		□													3.0	0.4	21.0	2.35	4.80	-	
	300-08-A		□													3.0	0.8	21.0	2.35	4.80	-	
	400-02-A		□													4.0	0.2	21.0	3.30	4.80	-	
	400-04-A		□													4.0	0.4	21.0	3.30	4.80	-	
	400-08-A		□													4.0	0.8	21.0	3.30	4.80	-	

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen

MGMN

P (Stahl)			●	▲	▲	▲														
M (Rostfrei)					▲	▲	●			▲	▲									
K (Eisenguss)						●														
N (NE-Metalle, Alu)	●																			
S (Super Legierungen)							●		▲											
H (Harte Werkstoffe)																				

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✱ stark unterbrochen

H=Hartmetall		H	H	H	H	H	H	H	H	H	H							Geometrie		
ISO-Bezeichnung		K10	P20	P25	P30	P35	S05	S10	S15	M25	M30	K20	Abmessungen							
unbesch.	Preis	H01	besch.	Preis	NC3220	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	PC5300	PC9030	NC6315	b	r	l	d	t	α°

MGMN-M



Einstecken -
Drehen

300-02-M			□									□	3.0	0.2	21.0	2.35	4.80				
300-04-M												□	3.0	0.4	21.0	2.35	4.80	-			
300-08-M												□	3.0	0.8	21.0	2.35	4.80	-			
400-02-M					□	□							4.0	0.2	21.0	3.30	4.80	-			
400-04-M													4.0	0.4	21.0	3.30	4.80	-			
400-08-M													4.0	0.8	21.0	3.30	4.80	-			
500-02-M								□					5.0	0.2	26.0	4.10	5.80	-			
500-04-M													5.0	0.4	26.0	4.10	5.80	-			
500-08-M													5.0	0.8	26.0	4.10	5.80	-			
600-02-M					□								6.0	0.2	26.0	5.00	5.80	-			
600-04-M													6.0	0.4	26.0	5.00	5.80	-			
600-08-M													6.0	0.8	26.0	5.00	5.80	-			

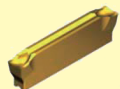
MGMN-G



Einstecken

150-G		□		□	■	■	□					■	■	□	1.5	0.15	16.0	1.20	3.50	-	
200-G		□		□	■	■			□	□		■	■	□	2.0	0.2	16.0	1.60	3.50	-	
250-G		□		□	■	■			□			■	■	□	2.5	0.2	18.5	2.00	3.85	-	
300-G		□		□	■	■						■	■	□	3.0	0.4	21.0	2.35	4.80	-	
400-G		□		□	■	■						■	■	□	4.0	0.4	21.0	3.30	4.80	-	
500-G		□		□	■	■				□			■	■	5.0	0.8	26.0	4.10	5.80	-	
600-G		□		□									■	■	6.0	0.8	26.0	5.00	5.80	-	

MGMN-L



Einstecken

200-02-L				■								□	□	□	2.0	0.2	16.0	1.60	3.50	-	
200-04-L												■	■	□	2.0	0.4	20.0	1.70	3.50	-	
300-02-L			□		■							■	■	□	3.0	0.2	21.0	2.35	4.80	-	
300-04-L												■	■	□	3.0	0.4	20.0	2.30	4.00	-	
400-02-L			□		□							□	□	□	4.0	0.2	21.0	3.30	4.80	-	
400-04-L												■	■	□	4.0	0.4	20.0	3.30	4.00	-	
500-04-L			□		□							■	■	□	5.0	0.4	26.0	4.10	5.80	-	

MGMN-M



Einstecken -
Drehen

200-M		■		□	■	■	■	□				■	■	□	2.0	0.2	16.0	1.20	-	-	
250-M				□		□						■	■	□	2.5	0.2	18.5	2.00	-	-	
300-02-M				□		□	■						■	■	3.0	0.2	21.0	2.35	-	-	
300-M		■		□	■	■	■			□	□	■	■	□	3.0	0.4	21.0	2.35	-	-	
350-03-M				□		■							■	■	3.5	0.3	21.0	2.90	-	-	
400-02-M				□		■	□						■	■	4.0	0.2	21.0	3.30	-	-	
400-M		□		□	■	■	■			□	□	■	■	□	4.0	0.4	21.0	3.30	-	-	
400-08-M													■	■	4.0	0.8	21.0	3.30	-	4.8	
500-04-M				□		■							■	■	5.0	0.4	26.0	4.10	-	-	
500-M		□		□	■	■	■					□	■	□	5.0	0.8	26.0	4.10	-	-	
600-M				□		■	■			□		■	■	□	6.0	0.8	26.0	5.00	-	-	
800-M				□		■	□					□	■	□	8.0	0.8	31.0	6.00	-	-	

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✱ stark unterbrochen

MGMR

MRGN

P (Stahl)			●	▲	▲	▲						
M (Rostfrei)					▲	▲	●		▲	▲		
K (Eisenguss)						●						
N (NE-Metalle, Alu)	●											
S (Super Legierungen)							●		▲			
H (Harte Werkstoffe)												

Schnitte:

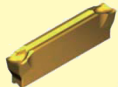
● kontinuierlich

▲ leicht unterbrochen

✱ stark unterbrochen

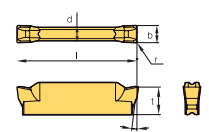
H=Hartmetall		H	H	H	H	H	H	H	H	H	H										
ISO-Bezeichnung		K10	P20	P25	P30	P35	S05	S10	S15	M25	M30	K20	Abmessungen								
unbesch.	Preis	H01	besch.	Preis	NC3220	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	PC5300	PC9030	NC6315	b	r	l	d	t	α°	Geometrie

MGMR-R

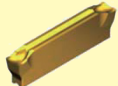


Einstechen -
Abstechen

200-02-R					□	■					□	□	□	2.0	0.2	16.0	1.60	3.50	-	
200-04-R					□	■					■	□	□	2.0	0.4	20.0	1.70	3.50	-	
300-02-R					□	□	□		□		■	□	□	3.0	0.2	21.0	2.35	4.80	-	
300-04-R					□	■					■	□	□	3.0	0.4	20.0	2.30	4.00	-	
400-02-R					□	■					■	□	□	4.0	0.2	21.0	3.30	4.80	-	
400-04-R					□	■					■	□	□	4.0	0.4	20.0	3.30	4.00	-	
500-04-R					□	□					■	□	□	5.0	0.4	26.0	4.10	5.80	-	

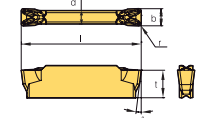


MGMR-T



Einstechen -
Drehen

200-T						■	□				■	□	□	2.0	0.2	16.0	1.60	3.50	-	
250-T												□	□	2.5	0.2	16.0	1.60	3.50	3.50	
300-T					□	■					■	□	□	3.0	0.4	21.0	2.35	4.80	-	
400-T					□	■					■	□	□	4.0	0.4	21.0	3.30	4.80	-	
500-T					□	□	□				■	□	□	5.0	0.8	26.0	4.10	5.80	-	

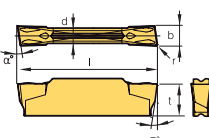


MGMR/L-PS



Abstechen

200-6D-PS											□	□	□	2.0	0.2	16.0	1.60	-	6.0	
200-15D-PS											□	□	□	2.0	0.2	16.0	1.60	-	15.0	
300-6D-PS					□						■	□	□	3.0	0.2	21.0	2.35	4.80	6.0	
300-8D-PS					□						■	□	□	3.0	0.2	21.0	2.35	4.80	8.0	
300-15D-PS					□							□	□	3.0	0.2	21.0	2.35	4.80	15.0	
400-4D-PS					□		□						□	4.0	0.3	21.0	3.30	4.80	4.0	
500-4D-PS					□								□	5.0	0.3	26.0	4.10	5.80	4.0	

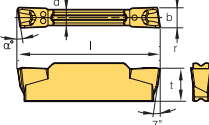


MGMR/L-PT



Abstechen

200-6D-PT		□			□						■	□	□	2.0	0.2	16.0	1.60	3.60	6.0	
300-6D-PT					□	■	□				□	□	□	3.0	0.2	21.0	2.35	4.80	6.0	
300-8D-PT					□							□	□	3.0	0.2	21.0	2.35	4.80	8.0	
300-15D-PT					□								□	3.0	0.2	21.0	2.35	4.80	15.0	
400-4D-PT					□								□	4.0	0.3	21.0	3.30	4.80	4.0	
500-4D-PT					□								□	5.0	0.3	26.0	4.10	5.80	4.0	

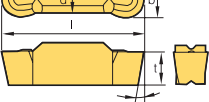


MRGN-A



Aluminium

400-A		□												4.0	2.0	21.0	3.30	4.80	-	
500-A		□												5.0	2.5	26.0	4.10	5.80	-	
600-A		□												6.0	3.0	26.0	5.00	5.80	-	
800-A		□												8.0	4.0	31.0	6.00	6.50	-	

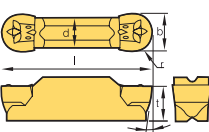


MRMN-M



Freistechen -
Profilieren

200-M					□	■	■				□	□	□	2.0	1.0	16.0	1.50	3.50	-	
250-M													□	2.5	1.0	16.0	1.50	-	-	
300-M					□	□	■	■			■	□	□	3.0	1.5	21.0	2.35	4.80	-	
400-M						■	■	■				□	□	4.0	2.0	21.0	3.30	4.80	-	
500-M					□	■	□			□	■	□	□	5.0	2.5	26.0	4.10	5.80	-	
600-M					□	■	□		□				□	6.0	3.0	26.0	5.00	5.80	-	
800-M					□	□	■						□	8.0	4.0	31.0	6.00	6.50	-	



■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✱ stark unterbrochen

SP

P (Stahl)			●	▲	▲	▲						
M (Rostfrei)					▲	▲	●		▲	▲		
K (Eisenguss)						●						
N (NE-Metalle, Alu)	●											
S (Super Legierungen)							●		▲			
H (Harte Werkstoffe)												

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✱ stark unterbrochen

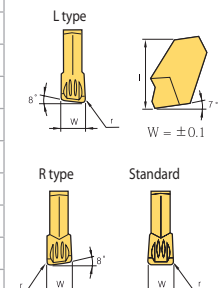
H=Hartmetall	H		H	H	H	H	H	H	H	H	H					
ISO-Bezeichnung	K10		P20	P25	P30	P35	S05	S10	S15	M25	M30	K20	Abmessungen			
unbesch. Preis	H01	besch. Preis	NC3220	NC3225	NC3030	NC5330	PC8105	PC8110	PC8115	PC5300	PC9030	NC6315	W	l	r	Geometrie

SP

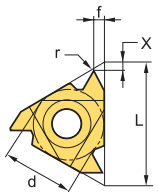
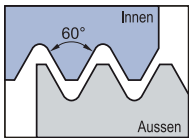
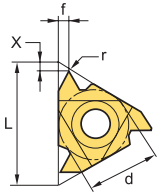
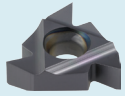


Abstechen

160												1.6	7.8	0.16
180												1.8	9.3	0.16
200												2.2	9.3	0.2
200-A	■											2.2	9.3	0.2
200L												2.2	9.3	0.2
200L-A	■											2.2	9.3	0.2
200R												2.2	9.3	0.2
200R-A	□											2.2	9.3	0.2
300												3.1	11.3	0.2
300-A	■											3.1	11.3	0.2
300L												3.1	11.3	0.2
300L-A	□											3.1	11.3	0.2
300R												3.1	11.3	0.2
300R-A	■											3.1	11.3	0.2
400												4.1	11.3	0.25
400-A	■											4.1	11.3	0.25
400L												4.1	11.3	0.25
400L-A	■											4.1	11.3	0.25
400R												4.1	11.3	0.25
400R-A	□											4.1	11.3	0.25
500												5.1	11.4	0.3
500-A	□											5.1	11.4	0.3
500L												5.1	11.4	0.3
500R												5.1	11.4	0.3
600												6.4	11.4	0.35
600-A	■											6.4	11.4	0.35
600L												6.4	11.4	0.35
600R												6.4	11.4	0.35
800												8.0	13.5	0.4
900												9.6	13.5	0.45

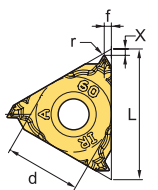
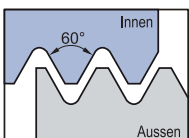
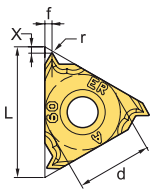


Teilprofil 60°



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung		d	L	r	x	f
					mm	tpi					
Aussen											
ER11-A60	■	EL11-A60	■		0.50-1.50	48 ~ 16	6.35	11	0.05	0.8	0.9
ER16-A60	■	EL16-A60	■		0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
ER16-AG60	■	EL16-AG60	■		0.50-3.00	48 ~ 8	9.525	16	0.08	1.2	1.7
ER16-G60	■	EL16-G60	□		1.75-3.00	14 ~ 8	9.525	16	0.27	1.2	1.7
ER22-N60	■	EL22-N60	■		3.50-5.00	7 ~ 5	12.70	22	0.53	1.7	2.5
ER27-Q60	■				5.50-6.00	4.5 ~ 4	15.875	27	0.64	2.1	3.1
Innen											
IR11-A60	■	IL11-A60	□		0.50-1.50	48 ~ 16	6.35	11	0.05	0.8	0.9
IR16-A60	■	IL16-A60	■		0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
IR16-AG60	■	IL16-AG60	■		0.50-3.00	48 ~ 8	9.525	16	0.05	1.2	1.7
IR16-G60	■	IL16-G60	■		1.75-3.00	14 ~ 8	9.525	16	0.16	1.2	1.7
IR22-N60	■				3.50-5.00	7 ~ 5	12.70	22	0.3	1.7	2.5
IR27-Q60	□				5.50-6.00	4.5 ~ 4	15.875	27	0.3	1.8	2.7
P (Stahl)	●		●								
M (Rostfrei)	●		●								
K (Eisenguss)	●		●								
N (NE-Metalle, Alu)	●		●								
S (Super Legierungen)	●		●								

Teilprofil 60° (mit Spanbrecher)



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung		d	L	r	x	f
					mm	tpi					
Aussen											
ERM16-A60	■				0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
ERM16-AG60	■				0.50-3.00	48 ~ 8	9.525	16	0.08	1.2	1.7
ERM16-G60	■				1.75-3.00	14 ~ 8	9.525	16	0.27	1.2	1.7
ERM22-N60	■				3.50-5.00	7 ~ 5	12.70	22	0.53	1.7	2.5
Innen											
IRM11-A60	■				0.50-1.50	48 ~ 16	6.35	11	0.08	0.8	0.9
IRM16-A60	■				0.50-1.50	48 ~ 16	9.525	16	0.08	0.8	0.9
IRM16-AG60	■				0.50-3.00	48 ~ 8	9.525	16	0.08	1.2	1.7
IRM16-G60	■				1.75-3.00	14 ~ 8	9.525	16	0.12	1.2	1.7
IRM22-N60	■				3.50-5.00	7 ~ 5	12.70	22	0.3	1.7	2.5
P (Stahl)	●		●								
M (Rostfrei)	●		●								
K (Eisenguss)	●		●								
N (NE-Metalle, Alu)	●		●								
S (Super Legierungen)	●		●								

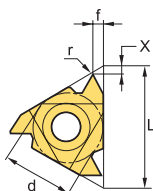
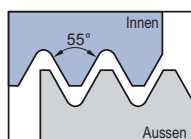
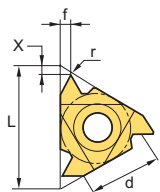
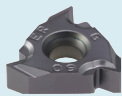
■ ab Lager

□ kurzfristig lieferbar

• Hauptanwendung

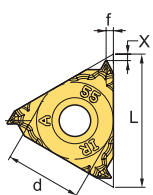
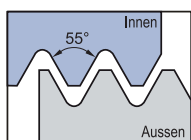
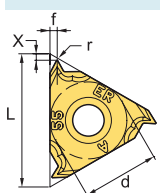
• Nebenanwendung

Teilprofil 55°



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung		d	L	r	x	f
					mm	tpi					
Aussen											
ER11-A55	□				0.50-1.50	48 ~ 16	6.35	11	0.05	0.8	0.9
ER16-A55	■	EL16-A55	□		0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
ER16-AG55	■	EL16-AG55	■		0.50-3.00	48 ~ 8	9.525	16	0.07	1.2	1.7
ER16-G55	■				1.75-3.00	14 ~ 8	9.525	16	0.21	1.2	1.7
ER22-N55	■				3.50-5.00	7 ~ 5	12.70	22	0.43	1.7	2.5
ER27-Q55	■	EL27-Q55	□		5.50-6.00	4.5 ~ 4	15.875	27	0.60	2.0	2.9
Innen											
IR11-A55	■	IL11-A55	■		0.50-1.50	48 ~ 16	6.35	11	0.05	0.8	0.9
IR16-A55	□				0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
IR16-AG55	■	IL16-AG55	□		0.50-3.00	48 ~ 8	9.525	16	0.07	1.2	1.7
IR16-G55	■				1.75-3.00	14 ~ 8	9.525	16	0.21	1.2	1.7
IR22-N55	■				3.50-5.00	7 ~ 5	12.70	22	0.43	1.7	2.5
IR27-Q55	■				5.50-6.00	4.5 ~ 4	15.875	27	0.60	2.0	2.9
P (Stahl)	•		•								
M (Rostfrei)	•		•								
K (Eisenguss)	•		•								
N (NE-Metalle, Alu)	•		•								
S (Super Legierungen)	•		•								

Teilprofil 55° (mit Spanbrecher)



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung		d	L	r	x	f
					mm	tpi					
Aussen											
ERM16-A55	□				0.50-1.50	48 ~ 16	9.525	16	0.08	0.8	0.9
ERM16-AG55	■				0.50-3.00	48 ~ 8	9.525	16	0.07	1.2	1.7
ERM16-G55	□				1.75-3.00	14 ~ 8	9.525	16	0.21	1.2	1.7
ERM22-N55	■				3.50-5.00	7 ~ 5	12.70	22	0.43	1.7	2.5
Innen											
IRM11-A55	■				0.50-1.50	48 ~ 16	6.35	11	0.05	0.8	0.9
IRM16-A55	□				0.50-1.50	48 ~ 16	9.525	16	0.05	0.8	0.9
IRM16-AG55	■				0.50-3.00	48 ~ 8	9.525	16	0.08	1.2	1.7
IRM16-G55	■				1.75-3.00	14 ~ 8	9.525	16	0.21	1.2	1.7
IRM22-N55	■				3.50-5.00	7 ~ 5	12.70	22	0.43	1.7	2.5
P (Stahl)	•		•								
M (Rostfrei)	•		•								
K (Eisenguss)	•		•								
N (NE-Metalle, Alu)	•		•								
S (Super Legierungen)	•		•								

■ ab Lager

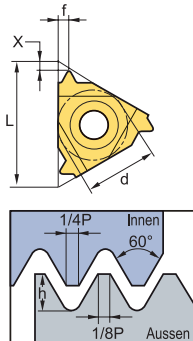
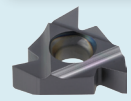
□ kurzfristig lieferbar

• Hauptanwendung

• Nebenanwendung

ISO-Gewinde

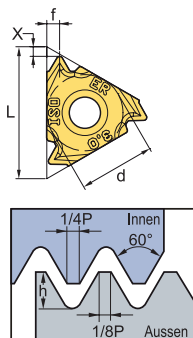
Vollprofil



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung mm	d	L	r	x	f
Aussen										
ER11-0.50ISO	■				0.50	6.35	11	0.31	0.6	0.4
ER11-0.75ISO	■				0.75	6.35	11	0.46	0.6	0.6
ER11-0.80ISO	■				0.80	6.35	11	0.49	0.6	0.6
ER11-1.00ISO	■				1.00	6.35	11	0.61	0.7	0.7
ER11-1.50ISO	■				1.50	6.35	11	0.92	0.8	1.0
ER16-0.50ISO	■	EL16-0.50ISO	■		0.50	9.525	16	0.31	0.6	0.4
ER16-0.75ISO	■				0.75	9.525	16	0.46	0.6	0.6
ER16-0.80ISO	■				0.80	9.525	16	0.49	0.6	0.6
ER16-1.00ISO	■	EL16-1.00ISO	■		1.00	9.525	16	0.61	0.7	0.7
ER16-1.25ISO	■	EL16-1.25ISO	■		1.25	9.525	16	0.77	0.8	0.9
ER16-1.50ISO	■	EL16-1.50ISO	■		1.50	9.525	16	0.92	0.8	1.0
ER16-1.75ISO	■				1.75	9.525	16	1.07	0.9	1.2
ER16-2.00ISO	■	EL16-2.00ISO	■		2.00	9.525	16	1.23	1.0	1.3
ER16-2.50ISO	■	EL16-2.50ISO	■		2.50	9.525	16	1.53	1.1	1.5
ER16-3.00ISO	■	EL16-3.00ISO	■		3.00	9.525	16	1.84	1.2	1.6
ER22-3.50ISO	■		□		3.50	12.7	22	2.15	1.6	2.3
ER22-4.00ISO	■	EL22-4.00ISO	■		4.00	12.7	22	2.45	1.6	2.3
ER22-4.50ISO	■		□		4.50	12.7	22	2.78	1.7	2.4
ER22-5.00ISO	■		□		5.00	12.7	22	3.07	1.7	2.5
ER27-5.50ISO	■				5.50	15.875	27	3.37	1.9	2.7
ER27-6.00ISO	■		□		6.00	15.875	27	3.68	2.0	2.9

ISO-Gewinde

(mit Spanbrecher)



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung mm	d	L	r	x	f
Aussen										
ERM16-1.00ISO	■				1.00	9.525	16	0.61	0.7	0.7
ERM16-1.25ISO	■				1.25	9.525	16	0.77	0.8	0.9
ERM16-1.50ISO	■				1.50	9.525	16	0.93	0.8	1.0
ERM16-1.75ISO	■				1.75	9.525	16	1.09	0.9	1.2
ERM16-2.00ISO	■				2.00	9.525	16	1.25	1.0	1.3
ERM16-2.50ISO	■				2.50	9.525	16	1.55	1.1	1.5
ERM16-3.00ISO	■				3.00	9.525	16	1.87	1.2	1.6
P (Stahl)	•		•							
M (Rostfrei)	•		•							
K (Eisenguss)	•		•							
N (NE-Metalle, Alu)	•		•							
S (Super Legierungen)	•		•							

■ ab Lager

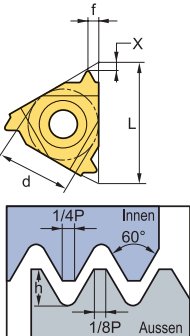
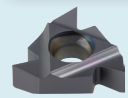
□ kurzfristig lieferbar

• Hauptanwendung

• Nebenanwendung

ISO-Gewinde

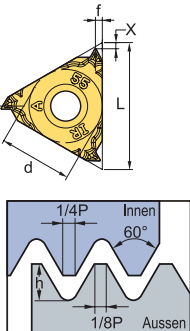
Vollprofil



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung mm	d	L	r	x	f
Innen										
IR11-0.50ISO	■	IL11-0.50ISO	■		0.50	6.35	11	0.29	0.6	0.4
IR11-0.60ISO	■				0.60	6.35	11	0.35	0.6	0.6
IR11-0.80ISO	□				0.80	6.35	11	0.46	0.6	0.6
IR11-1.00ISO	■	IL11-1.00ISO	■		1.00	6.35	11	0.58	0.6	0.7
IR11-1.25ISO	■				1.25	6.35	11	0.72	0.8	0.9
IR11-1.50ISO	■	IL11-1.50ISO	■		1.50	6.35	11	0.87	0.8	1.0
IR11-1.75ISO	■				1.75	6.35	11	1.01	0.9	1.1
IR11-2.00ISO	■	IL11-2.00ISO	□		2.00	6.35	11	1.15	0.9	1.1
IR11-2.50ISO	■	IL11-2.50ISO	□		2.50	6.35	11	1.44	0.8	1.1
IR16-0.50ISO	■				0.50	9.525	16	0.29	0.6	0.4
IR16-0.70ISO	■				0.70	9.525	16	0.4	0.6	0.6
IR16-0.75ISO	■				0.75	9.525	16	0.43	0.6	0.6
IR16-0.80ISO	■				0.80	9.525	16	0.46	0.6	0.6
IR16-1.00ISO	■				1.00	9.525	16	0.58	0.6	0.7
IR16-1.25ISO	■				1.25	9.525	16	0.72	0.8	0.9
IR16-1.50ISO	■	IL16-1.50ISO	■		1.50	9.525	16	0.87	0.8	1.0
IR16-1.75ISO	■				1.75	9.525	16	1.01	0.9	1.2
IR16-2.00ISO	■	IL16-2.00ISO	■		2.00	9.525	16	1.15	1.0	1.3
IR16-2.50ISO	■	IL16-2.50ISO	■		2.50	9.525	16	1.44	1.1	1.5
IR16-3.00ISO	■	IL16-3.00ISO	■		3.00	9.525	16	1.73	1.1	1.5
IR22-3.50ISO	■				3.50	12.7	22	2.02	1.6	2.3
IR22-4.00ISO	■	IL22-4.00ISO	■		4.00	12.7	22	2.31	1.6	2.3
IR22-4.50ISO	■				4.50	12.7	22	2.6	1.6	2.4
IR22-5.00ISO	■				5.00	12.7	22	2.89	1.6	2.3
IR27-5.50ISO	■				5.50	15.875	27	3.17	1.6	2.3
IR27-6.00ISO	■				6.00	15.875	27	3.46	1.8	2.5

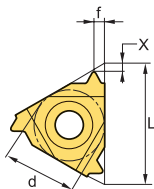
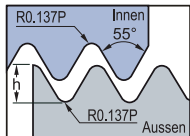
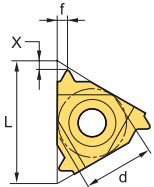
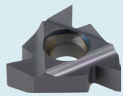
ISO-Gewinde

(mit Spanbrecher)



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	Steigung mm	d	L	r	x	f
Innen										
IRM11-1.50ISO	■				1.50	6.35	11	0.85	0.8	1.0
IRM16-1.00ISO	■				1.00	9.525	16	0.58	0.6	0.7
IRM16-1.25ISO	■				1.25	9.525	16	0.72	0.8	0.9
IRM16-1.50ISO	■				1.50	9.525	16	0.85	0.8	1.0
IRM16-1.75ISO	■				1.75	9.525	16	1.01	0.9	1.2
IRM16-2.00ISO	■				2.00	9.525	16	1.12	1.0	1.3
IRM16-2.50ISO	■				2.50	9.525	16	1.44	1.1	1.5
IRM16-3.00ISO	■				3.00	9.525	16	1.69	1.1	1.5
P (Stahl)	•		•							
M (Rostfrei)	•		•							
K (Eisenguss)	•		•							
N (NE-Metalle, Alu)	•		•							
S (Super Legierungen)	•		•							

Whitworth



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	tpi	d	L	r	x	f
Aussen										
ER11-14W	■				14	6.35	11	1.16	1.0	1.2
ER16-8W	■				8	9.525	16	2.03	1.2	1.5
ER16-9W	■				9	9.525	16	1.81	1.2	1.7
ER16-10W	■				10	9.525	16	1.63	1.1	1.5
ER16-11W	■				11	9.525	16	1.48	1.1	1.5
ER16-12W	■				12	9.525	16	1.36	1.1	1.4
ER16-14W	■				14	9.525	16	1.16	1.0	1.2
ER16-16W	■				16	9.525	16	1.02	0.9	1.1
ER16-18W	■				18	9.525	16	0.9	0.8	1.0
ER16-19W	■				19	9.525	16	0.86	0.8	1.0
ER16-20W	■				20	9.525	16	0.81	0.8	0.9
ER16-24W	■				24	9.525	16	0.68	0.7	0.8
ER16-26W	■				26	9.525	16	0.63	0.7	0.8
ER16-28W	■				28	9.525	16	0.58	0.6	0.7
ER22-5W	■				5	12.7	22	3.25	1.7	2.4
ER22-6W	■				6	12.7	22	2.71	1.6	2.3
ER27-4W	■				4	15.875	27	4.07	2.0	2.9
Innen										
IR11-12W	□		□		12	6.35	11	1.32	0.9	1.2
IR11-14W	■		■		14	6.35	11	1.16	0.9	1.1
IR11-16W	■		□		16	6.35	11	1.02	0.9	1.1
IR11-18W	□		□		18	6.35	11	0.9	0.8	1.0
IR11-19W	■		□		19	6.35	11	0.86	0.8	1.0
IR16-8W	■				8	9.525	16	2.03	1.2	1.5
IR16-10W	■				10	9.525	16	1.63	1.1	1.5
IR16-11W	■				11	9.525	16	1.48	1.1	1.5
IR16-12W	■				12	9.525	16	1.36	1.1	1.4
IR16-14W	■				14	9.525	16	1.16	1.0	1.2
IR16-16W	■				16	9.525	16	1.02	0.9	1.1
IR16-18W	■				18	9.525	16	0.9	0.8	1.0
IR16-19W	■				19	9.525	16	0.86	0.8	1.0
IR16-20W	■				20	9.525	16	0.81	0.8	0.9
IR16-26W	■				26	9.525	16	0.63	0.7	0.8
IR16-28W	■				28	9.525	16	0.58	0.6	0.7
IR22-7W	■				7	12.7	22	3.32	1.6	2.3
P (Stahl)	•		•							
M (Rostfrei)	•		•							
K (Eisenguss)	•		•							
N (NE-Metalle, Alu)	•		•							
S (Super Legierungen)	•		•							

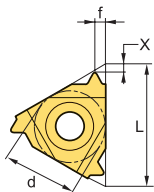
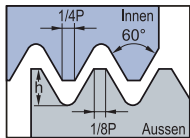
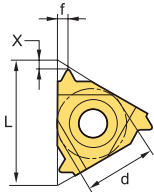
■ ab Lager

□ kurzfristig lieferbar

• Hauptanwendung

• Nebenanwendung

American UN



Bezeichnung (rechts)	PC3030T	Bezeichnung (links)	PC3030T	Preis	tpi	d	L	r	x	f
Aussen										
ER16-8UN	■				8	9.525	16	1.95	1.2	1.6
ER16-9UN	■				9	9.525	16	1.73	1.2	1.7
ER16-10UN	■				10	9.525	16	1.56	1.1	1.5
ER16-11UN	■				11	9.525	16	1.42	1.1	1.5
ER16-12UN	■				12	9.525	16	1.3	1.1	1.4
ER16-13UN	□				13	9.525	16	1.2	1.0	1.3
ER16-14UN	■				14	9.525	16	1.11	1.0	1.2
ER16-16UN	■	EL16-16UN	□		16	9.525	16	0.97	0.9	1.1
ER16-18UN	■	EL16-18UN	□		18	9.525	16	0.87	0.8	1.0
ER16-20UN	■				20	9.525	16	0.78	0.8	0.9
ER16-24UN	■				24	9.525	16	0.65	0.7	0.8
ER16-27UN	□				27	9.525	16	0.58	0.7	0.8
ER16-28UN	■				28	9.525	16	0.56	0.6	0.7
ER16-32UN	■				32	9.525	16	0.49	0.6	0.6
ER22-6UN	■				6	12.7	22	2.6	1.6	2.3
Innen										
IR11-20UN	■				11	6.35	11	0.73	0.8	0.9
IR16-8UN	■				8	9.525	16	1.83	1.2	1.5
IR16-11UN	■				11	9.525	16	1.33	1.1	1.5
IR16-12UN	■				12	9.525	16	1.22	1.1	1.4
IR16-14UN	■				14	9.525	16	1.05	0.9	1.2
IR16-16UN	■				16	9.525	16	0.92	0.9	1.1
IR16-18UN	■				18	9.525	16	0.81	0.8	1.0
IR16-20UN	■				20	9.525	16	0.73	0.8	0.9
P (Stahl)	•		•							
M (Rostfrei)	•		•							
K (Eisenguss)	•		•							
N (NE-Metalle, Alu)	•		•							
S (Super Legierungen)	•		•							

■ ab Lager

□ kurzfristig lieferbar

• Hauptanwendung

• Nebenanwendung

APMT

P (Stahl)			●	▲	✖	✖	▲	✖	✖	✖	●	▲	
M (Rostfrei)				▲	✖			✖	✖	✖			●
K (Eisenguss)	●		▲					✖	✖		▲	▲	●
N (NE-Metalle, Alu)	▲												
S (Super Legierungen)								✖	✖	✖			●
H (Harte Werkstoffe)								▲	✖		●	▲	

Schnitte:

- kontinuierlich
- ▲ leicht unterbrochen
- ✖ stark unterbrochen

C=Cermet, H=Hartmetall		H		H	H	H	H	H	H	H	H	H	H	H	H								
ISO-Bezeichnung		K10		P20	P25	P35	P35	P30	P30	P30	P40	M35	M30	H01	H10	K10	K10	Abmessungen					
unbesch. Preis		H01	besch. Preis	NC5330	NCM325	NC5340	NCM335	PC3500	PC3600	PC5300	PC5400	PC3545	PC9530	PC2505	PC2510	PC6510	PC8110	l	d	t	r	d1	Geometrie

APMT-MM



060202PDSR-MM				■				□	□	■	■	■	□					6.0	4.24	2.60	0.2	2.0	
060208PDSR-MM				■				■	■	■	■	■	□		□			6.0	4.24	2.60	0.8	2.0	
0602PDSR-MM				■	□		□	□	□	■	■	■	■	□	■			6.0	4.24	2.60	0.4	2.0	
060212R-MM				■				□	□	■	□	■	□					6.0	4.24	2.60	1.2	2.0	
060216R-MM				□				□	□	■	■	■	□					6.0	4.24	2.60	1.6	2.0	
0903PDSR-MM				■	□		□	□	□	■	■	■	■	□	□			9.4	6.21	3.60	0.4	2.8	
090308PDSR-MM				■				□	□	■	■	■	□					9.4	6.21	3.60	0.8	2.8	
090312R-MM				□				□	□	■	□	■	□					9.4	6.21	3.60	1.2	2.8	
090316R-MM				□				□	□	■	■	■	□					9.4	6.21	3.60	1.6	2.8	
090320R-MM				□				■	■	■	□	■						9.2	6.21	3.60	2.0	2.8	
090332R-MM								□	□	■	■	■	□					9.2	6.21	3.60	3.2	2.8	
11T3PDSR-MM				■	■		■	□	□	■	■	■	■	□	■			11.2	6.467	3.60	0.5	2.85	
11T308PDSR-MM				■	■		□	□	□	■	■	■	■	□				11.2	6.467	3.60	0.8	2.85	
11T312PDSR-MM				■	■		■	□	□	■	■	■	■					11.2	6.467	3.60	1.2	2.85	
11T316R-MM				■	□		■	□	□	■	■	■	□					11.0	6.467	3.60	1.6	2.85	
11T318R-MM					□			□	■									11.0	6.467	3.60	1.8	2.85	
11T320R-MM								□	■									11.0	6.467	3.60	2.0	2.85	
11T324R-MM				■	□		□	■	■	■	■	□						11.0	6.467	3.60	2.4	2.85	
160404PDSR-MM									■	□								16.4	9.41	5.76	0.4	4.5	
1604PDSR-MM				■	■		■	□	□	■	■	■	■	□	■			16.4	9.41	5.76	0.8	4.5	
160410PDSR-MM				■	■			■	□	■	□	■						16.4	9.41	5.76	1.0	4.5	
160416PDSR-MM				■	■		■	■	□	■	□	■	□					16.4	9.41	5.76	1.6	4.5	
160420R-MM									□									16.0	9.41	5.76	2.0	4.5	
160424R-MM				■	□			□	□	■	■	■	□					16.0	9.41	5.76	2.4	4.5	
160430R-MM				□	□			■	□	■	■	■	□					16.0	9.41	5.76	3.0	4.5	
160432R-MM				■	■		□	□	□	■	■	■	□					16.0	9.41	5.76	3.2	4.5	
160450R-MM				■				□	□	■	□	■						16.0	9.41	5.76	5.0	4.5	
160464R-MM								□	□	■	■	■	□					16.0	9.41	5.76	6.4	4.5	
180604PDSR-MM									□									17.4	10.98	6.35	0.4	4.5	
1806PDSR-MM				□	□	□	□	□	□	■	■	■	■	□	■			17.4	10.98	6.35	0.8	4.5	
180612PDSR-MM				■	■			□	□	■	■	■	□					17.4	10.98	6.35	1.2	4.5	
180616PDSR-MM				□	□			□	□	■	■	■	□					17.4	10.98	6.35	1.6	4.5	
180620PDSR-MM				□				□	□	■								17.4	10.98	6.35	2.0	4.5	
180624PDSR-MM				□	□			■	□	■	■	□						17.4	10.98	6.35	2.4	4.5	
180630PDSR-MM									□									17.4	10.98	6.35	3.0	4.5	
180630R-MM				□				□	□	■								16.7	10.98	6.35	3.0	4.5	
180632R-MM				□	□			□	□	■	□	□						16.7	10.98	6.35	3.2	4.5	
180640R-MM				□	□			□	□	■	■	□						16.7	10.98	6.35	4.0	4.5	
180648R-MM				□	□			□	□	■								16.7	10.98	6.35	4.8	4.5	
180650R-MM				■				□	□	■	□							16.7	10.98	6.35	5.0	4.5	
180660R-MM				■														16.7	10.98	6.35	6.0	4.5	
180664R-MM				□	□			□	■	□								16.7	10.98	6.35	6.4	4.5	

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen

CNHQ		CPMT		LNEX		LNMX											
P (Stahl)				●	▲	✖	✖	▲	▲	✖	✖	✖	✖	●	▲		
M (Rostfrei)					▲		✖			✖	✖	✖	✖				●
K (Eisenguss)		●		▲						✖	✖			▲	▲	●	
N (NE-Metalle, Alu)		▲															
S (Super Legierungen)										✖	✖	✖					●
H (Harte Werkstoffe)										▲	✖			●	▲		
C=Cermet, H=Hartmetall		H		H	H	H	H	H	H	H	H	H	H	H	H	H	
ISO-Bezeichnung		K10		P20	P25	P35	P35	P30	P30	P40	M35	M30	H01	H10	K10	K10	
unbesch. Preis		H01		NC5330	NC325	NC5340	NCM335	PC3500	PC3600	PC5300	PC5400	PC3545	PC9530	PC2505	PC2510	PC6510	PC8110
besch. Preis																	

LPMT			OFKT										ONHX									
			P (Stahl)		● ▲ ✕ ✕ ▲ ✕ ✕ ✕		● ▲						P (Stahl)		● ▲							
			M (Rostfrei)		▲ ✕				✕ ✕ ✕ ✕				M (Rostfrei)		●							
			K (Eisenguss)		●		▲		✕ ✕		▲ ▲		K (Eisenguss)		●							
			N (NE-Metalle, Alu)		▲								N (NE-Metalle, Alu)									
			S (Super Legierungen)						✕ ✕ ✕				S (Super Legierungen)		●							
			H (Harte Werkstoffe)						▲ ✕		● ▲		H (Harte Werkstoffe)									
			C=Cermet, H=Hartmetall		H		H H H H H H H H H H		H H H H H				C=Cermet, H=Hartmetall		H		H H H					
			ISO-Bezeichnung		K10		P20 P25 P35 P35 P30 P30 P40 M35 M30 H01 H10 K10 K10						ISO-Bezeichnung		K10							
			unbesch. Preis		H01		besch. Preis		NC5330 NC325 NC5340 NC335 PC3500 PC3600 PC5300 PC5400 PC3545 PC9530 PC2505 PC2510 PC6510 PC8110				unbesch. Preis		H01							

RDCT

RDHW

RDKT

RDKW

P (Stahl)				●	▲	✕	✕	▲	✕	✕	✕	✕		●	▲		
M (Rostfrei)					▲		✕			✕	✕	✕	✕				●
K (Eisenguss)	●			▲						✕	✕			▲	▲	●	
N (NE-Metalle, Alu)	▲																
S (Super Legierungen)										✕	✕	✕					●
H (Harte Werkstoffe)										▲	✕			●	▲		

Schnitte:

- *kontinuierlich*

▲ leicht unterbrochen

✕ stark unterbrochen

C=Cermet, H=Hartmetall H H H H H H H H H H H H H H H H

ISO-Bezeichnung

**unbesch.
Preis**

besch.
Preis

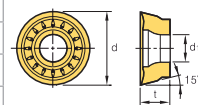
H	P20
H	P25
H	P35
H	P35
H	P30
H	P30
H	P30
H	P40
H	M35
H	M30
H	H01
H	H10
H	K10
H	K10

Abmessungen

l	d	t	r	e
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Geometrie

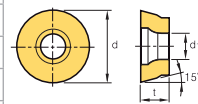
RDCT-MA

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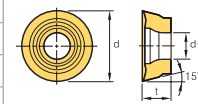
RDHW



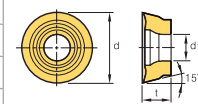
0501M0E														-	5.0	1.59	-	2.3
06T1M0E														-	6.0	1.98	-	2.5
0702M0E														-	7.0	2.38	-	2.8
0702M0S														-	7.0	2.38	-	2.8
0702M0T														-	7.0	2.38	-	2.8
0803M0E														-	8.0	3.18	-	3.4
0803M0T														-	8.0	3.18	-	3.4
1605M0F														-	16.0	5.56	-	5.5
1605M0S														-	16.0	5.56	-	5.5
2006M0F														-	20.0	6.35	-	5.5
2006M0S														-	20.0	6.35	-	5.5



RDKT-MA

[illegible]

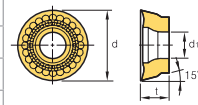
RDKT-MF

[illegible]

RDKT-MM



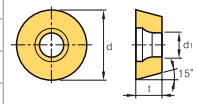
10T3M0-MM												-	10.0	3.97	-	3.85
1204M0-MM												-	12.0	4.76	-	4.5
1605M0-MM												-	16.0	5.56	-	5.5
2006M0-MM												-	20.0	6.35	-	5.5



RDKW



0501M0E						■	□				□	-	5.0	1.59	-	2.3	
06T1M0E						■	□				□	-	6.0	1.98	-	2.5	
0702M0E						■	□				□	□	-	7.0	2.38	-	2.8
0803M0E						■	□				□	□	-	8.0	3.18	-	3.4
10T3M0E											□	□	-	10.0	3.97	-	3.81
1204M0E											□	□	-	12.0	4.76	-	4.5



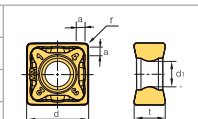
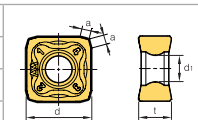
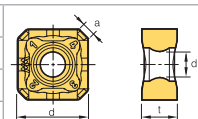
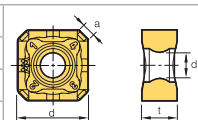
SDCN	SDET	SDKN	SDMT	SDXT
P (Stahl) ● ▲ ✕ ✕ ▲ ✕ ✕ ✕ ● ▲ M (Rostfrei) ▲ ✕ ✕ ✕ ✕ ✕ ● K (Eisenguss) ● ▲ ✕ ✕ ✕ ▲ ▲ ● N (NE-Metalle, Alu) ▲ S (Super Legierungen) ✕ ✕ ✕ ● H (Harte Werkstoffe) ▲ ✕ ● ▲				
Schnitte: ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen				
C=Cermet, H=Hartmetall				
ISO-Bezeichnung				
unbesch. Preis besch. Preis				
Abmessungen				
Geometrie				
SDCN				
1203AEEN-RH				
1203AESN				
1203AESN-RH				
1504AEEN-RH				
1504AESN				
1504AESN-RH				
SDET-MA				
09M402R-MA				
09M404R-MA				
09M405R-MA				
130504R-MA				
SDKN-SU				
1203AESN-SU				
1504AESN-SU				
SDMT-MM				
090308-MM				
SDXT-MA				
09M405R-MA				
130508R-MA				
SDXT-MF				
09M403R-MF				
09M405L-MF				
09M405R-MF				
130508R-MF				
SDXT-MM				
09M405L-MM				
09M405R-MM				
09M410R-MM				
130508L-MM				
130508R-MM				
130538-MM				

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

[illegible]

SNHT

Geometrie



SNKN		SNMX		SPCN																

SPFN			SPKN			SPMT			TNMX													
P (Stahl) M (Rostfrei) K (Eisenguss) N (NE-Metalle, Alu) S (Super Legierungen) H (Harte Werkstoffe)													Schnitte: ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen									
C=Cermet, H=Hartmetall ISO-Bezeichnung unbesch. Preis H01 besch. Preis NC5330 NCM325 NC5340 NCM335 PC3500 PC3600 PC5300 PC5400 PC3545 PC9530 PC2505 PC2510 PC6510 PC8110													Abmessungen l d t r d1 Geometrie									
SPFN			200-N 300-N 400-N										8.8 2.2 - 0.2 - ±0.05									
SPKN-MU			1203EDSR-MU 1504EDSR-MU										- 12.7 3.18 - -									
SPKN-SU			1203EDSL-SU 1203EDSR-SU 1504EDSL-SU 1504EDSR-SU										- 12.7 3.18 - -									
SPKR-MX			1203EDSL-MX 1203EDSR-MX 1204EDSR-MX 1504EDR-MX 1504EDSL-MX 1504EDSR-MX										- 12.7 3.18 - -									
SPMT			060304 120408										- 6.4 3.18 0.4 2.8									
SPMT-KC			110408-KC										- 11.5 4.80 0.8 4.5									
SPMT-MM			120408-MM 120508-MMN										- 12.7 4.76 0.8 5.6									
TNMX-NM			2710AZNL-NM 2710AZNR-NM 3012PNR-NM										27.0 2.63 15.88 10.0 0.8									

[illegible]

WDKT

WNGX

WNMX

P (Stahl)				●	▲	✖	✖	▲	✖	✖	✖		●	▲	
M (Rostfrei)					▲	✖			✖	✖	✖	✖			●
K (Eisenguss)	●			▲					✖	✖			▲	▲	●
N (NE-Metalle, Alu)	▲														
S (Super Legierungen)									✖	✖	✖				●
H (Harte Werkstoffe)									▲	✖			●	▲	

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✖ stark unterbrochen

C=Cermet, H=Hartmetall	H			H	H	H	H	H	H	H	H	H	H	H	H				
ISO-Bezeichnung	K10			P20	P25	P35	P35	P30	P30	P30	P40	M35	M30	H01	H10	K10	K10		
unbesch. Preis	H01			NC5330	NCM325	NC5340	NCM335	PC3500	PC3600	PC5300	PC5400	PC3545	PC9530	PC2505	PC2510	PC6510	PC8110		
besch. Preis																			
Abmessungen																			
Geometrie																			

WDKT-MH



080316ZDSR-MH																			
10T320ZDSR-MH																			
130520ZDSR-MH																			
150625ZDSR-MH																			

WNGX-MA



040304PNFR-MA																			
040312PNFR-MA																			
080604PNFR-MA																			
080608PNFR-MA																			

WNGX-ML



040304PNER-ML																			
040312PNER-ML																			
080604PNER-ML																			
080608PNER-ML																			

WNGX-MM



040304PNSR-MM																			
040312PNSR-MM																			
080604PNSR-MM																			
080608PNSR-MM																			

WNMX-MF



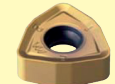
060312ZNN-MF																			
09T316ZNN-MF																			
130520ZNN-MF																			
160720ZNN-MF																			

WNMX-ML



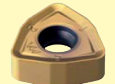
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09T316ZNN-ML																			
130520ZNN-ML																			
160720ZNN-ML																			

WNMX-MM



060312ZNN-MM																			
09T316ZNN-MM																			
130520ZNN-MM																			
160720ZNN-MM																			

WNMX-MR



09T316ZNN-MR																			
130520ZNN-MR																			

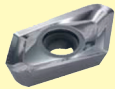
XEKT ZDMT ZPET ZPMT

P (Stahl)			●	▲	✖	✖	▲	✖	✖	✖	●	▲		
M (Rostfrei)				▲	✖			✖	✖	✖				●
K (Eisenguss)	●		▲					✖	✖		▲	▲	●	
N (NE-Metalle, Alu)	▲													
S (Super Legierungen)								✖	✖	✖				●
H (Harte Werkstoffe)								▲	✖		●	▲		

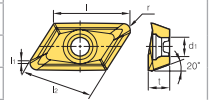
Schnitte:
● kontinuierlich
▲ leicht unterbrochen
✖ stark unterbrochen

C=Cermet, H=Hartmetall	H		H	H	H	H	H	H	H	H	H	H	H	H			
ISO-Bezeichnung	K10		P20	P25	P35	P35	P30	P30	P30	P40	M35	M30	H01	H10	K10	K10	
unbesch. Preis	H01	besch. Preis	NC5330	NCM325	NC5340	NCM335	PC3500	PC3600	PC5300	PC5400	PC3545	PC9530	PC2505	PC2510	PC6510	PC8110	
Abmessungen																	
Geometrie																	
l d t r d1																	

XEKT-MA



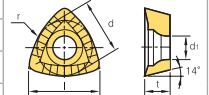
19M504FR-MA		■															18.0	1.4	-	5.0	0.4
19M508FR-MA		■															18.0	1.0	-	5.0	0.8
19M512FR-MA		■															18.0	0.6	-	5.0	1.2
19M516FR-MA		■															17.5	0.5	-	5.0	1.
19M518FR-MA		■															17.5	0.5	-	5.0	1.8
19M520FR-MA		■															17.5	0.5	-	5.0	2.0
19M525FR-MA		■															17.25	0.5	-	5.0	2.5
19M530FR-MA		■															17.0	0.7	-	5.0	3.0
19M532FR-MA		■															17.0	0.5	-	5.0	3.2
19M540FR-MA		■															16.5	0.5	-	5.0	4.0
19M550FR-MA		■															16.0	0.4	-	5.0	5.0
250604FR-MA		■															24.5	1.5	-	6.35	0.4
250608FR-MA		■															24.5	1.2	-	6.35	0.8
250612FR-MA		■															24.5	0.8	-	6.35	1.2
250630FR-MA		■															23.7	0.6	-	6.35	3.0
250640FR-MA		■															22.8	1.2	-	6.35	4.0
250650FR-MA		■															22.7	0.4	-	6.35	5.0



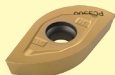
ZDMT-MM



080310R-MM							■	□	□								8.4	-	6.73	3.2	10.0
110312.5R-MM							■	□	□								10.6	-	8.50	3.65	12.5
130416R-MM							■	□	□								13.2	-	10.50	4.76	16.0

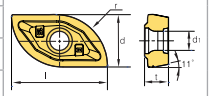


ZPET-M-MM



innen

080M-MM							■	□									16.0	8.0	3.50	8.0	2.9
100M-MM							■	□	□					□			19.0	10.4	4.50	10.0	3.4
125M-MM							■	□	□					□			24.0	12.9	5.30	12.5	4.5
150M-MM							■	□	□					□			28.0	15.4	7.00	15.0	5.6
160M-MM							■	□	□					□	□		28.5	16.4	7.00	16.0	5.6
200M-MM							■	□	□					□	□		38.0	20.7	8.00	20.0	6.6
250M-MM							■	□	□					□	□		48.0	25.9	9.50	25.0	8.6

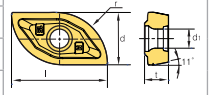


ZPET-S-MM



aussen

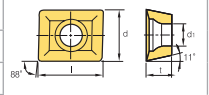
080S-MM							■	□									15.0	6.6	3.10	8.0	2.9
100S-MM							■	□	□					□			15.5	8.4	3.80	10.0	3.4
125S-MM							■	□	□					□			20.5	10.7	4.50	12.5	4.5
150S-MM							■	□	□					□			25.0	12.4	6.50	15.0	5.6
160S-MM							■	□	□					□	□		26.0	13.4	6.50	16.0	5.6
200S-MM							■	□	□					□	□		32.0	16.7	7.00	20.0	6.6
250S-MM							■	□						□	□		40.0	20.7	8.50	25.0	8.6



ZPMT-MM



1504PPSR-MM							■	□	□		□						15.9	12.7	4.76	-	5.6
1505PPSR-MMN									□								15.9	12.7	5.76	-	5.6
160520R-MM							■	□	□						□		16.1	12.7	5.56	20.0	5.6
160525R-MM							■	□	□						□		16.9	12.7	5.56	25.0	5.6
160531.5R-MM							■	□	□								17.6	12.7	5.56	31.5	5.6



■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✖ stark unterbrochen

LBH

LBS

P (Stahl)		✕	●	▲	✕
M (Rostfrei)		▲		●	▲
K (Eisenguss)		✕	●	▲	✕
N (NE-Metalle, Alu)		●			●
S (Super Legierungen)		●			●
H (Harte Werkstoffe)		✕	●	▲	✕

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✕ stark unterbrochen

<i>H=Hartmetall</i>		H	H	H	H					Geometrie
<i>ISO-Bezeichnung</i>		K15	H05	H10	H15	<i>Abmessungen</i>				
	<i>besch. Preis</i>	PC210F	PC2005	PC2010	PC2015	l	d	t	r	

LBH



080		■				7.0	8.0	2.4	4.0	
100		■				8.5	10.0	2.6	5.0	
110		□				9.0	11.0	2.6	5.5	
120		■				10.0	12.0	3.0	6.0	
160		■				12.0	16.0	4.0	8.0	
200		■				15.0	20.0	5.0	10.0	
250		■				18.5	25.0	6.0	12.5	
300		■				22.5	30.0	7.0	15.0	
320		■				23.5	32.0	7.0	16.0	

LBH-KF



080-KF				■		7.0	8.0	2.4	4.0	
100-KF				■		8.5	10.0	2.6	5.0	
120-KF				■		10.0	12.0	3.0	6.0	
130-KF				■		20.5	13.0	3.0	6.5	
160-KF				■		12.0	16.0	4.0	8.0	
170-KF				■		12.5	17.0	4.0	8.5	
200-KF				■		15.0	20.0	5.0	10.0	
250-KF				■		18.5	25.0	6.0	12.5	
300-KF				■		22.5	30.0	7.0	15.0	

LBH-KH



080-KH			■	■		7.0	8.0	2.4	4.0	
100-KH			■	■		8.5	10.0	2.6	5.0	
120-KH			■	■		10.0	12.0	3.0	6.0	
130-KH			□	■		20.5	13.0	3.0	6.5	
160-KH			■	■		12.0	16.0	4.0	8.0	
170-KH			■	■		12.5	17.0	4.0	8.5	
200-KH			■	■		15.0	20.0	5.0	10.0	
210-KH			□	■		15.5	21.0	5.0	10.5	
250-KH			■	■		18.5	25.0	6.0	12.5	
260-KH			□	■		19.0	26.0	6.0	13.0	
300-KH			■	□		22.5	30.0	7.0	15.0	
320-KH			□	■		23.5	32.0	7.0	16.0	

LBS



080		□				7.0	8.0	2.4	4.0	
100		□				8.5	10.0	2.6	5.0	
120		■				10.0	12.0	3.0	6.0	
160		■				12.0	16.0	4.0	8.0	
200		■				15.0	20.0	5.0	10.0	
250		□				18.5	25.0	6.0	12.5	
300		□				22.5	30.0	7.0	15.0	
320		□				23.5	32.0	7.0	16.0	

■ ab Lager □ kurzfristig lieferbar ● kontinuierlich ▲ leicht unterbrochen ✕ stark unterbrochen

LCF

LFH

LRH

P (Stahl)		✕	●	▲	✕
M (Rostfrei)		▲	●	▲	▲
K (Eisenguss)		✕	●	▲	✕
N (NE-Metalle, Alu)		●	●	●	●
S (Super Legierungen)		●	●	●	●
H (Harte Werkstoffe)		✕	●	▲	✕

Schnitte:

● kontinuierlich

▲ leicht unterbrochen

✕ stark unterbrochen

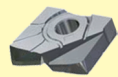
<i>H=Hartmetall</i>		<i>H</i>	<i>H</i>	<i>H</i>	<i>H</i>					Geometrie
		<i>K15</i>	<i>H05</i>	<i>H10</i>	<i>H15</i>					
<i>ISO-Bezeichnung</i>		<i>K15</i>	<i>H05</i>	<i>H10</i>	<i>H15</i>	<i>Abmessungen</i>				
	<i>besch.</i> <i>Preis</i>	<i>PC210F</i>	<i>PC2005</i>	<i>PC2010</i>	<i>PC2015</i>	<i>l</i>	<i>d</i>	<i>t</i>	<i>r</i>	

LCF



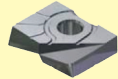
160-D90		■				13.7	16.0	4.0	-	
200-D90		■				17.0	20.0	5.0	-	
250-D90		■				21.5	25.0	6.0	-	

LFH



100		■				8.5	10.0	2.6	1.0	
120		■				10.0	12.0	3.0	1.0	
160		■				12.0	16.0	4.0	1.5	
200		□				15.0	20.0	6.0	1.5	
250		□				18.5	25.0	6.0	2.0	
300		□				22.5	30.0	7.0	2.0	
320		□				23.5	32.0	7.0	2.0	

LRH



100-R05		■				8.5	10.0	2.6	0.5	
100-R10		■				8.5	10.0	2.6	1.0	
100-R20		□				8.5	10.0	2.6	2.0	
110-R05		□				9.0	11.0	2.6	0.5	
120-R05		■				10.0	12.0	3.0	0.5	
120-R10		■				10.0	12.0	3.0	1.0	
120-R20		■				10.0	12.0	3.0	2.0	
120-R40		□				10.0	12.0	3.0	4.0	
130-R05		□				10.5	13.0	3.0	0.5	
160-R05		■	□	□		12.0	16.0	4.0	0.5	
160-R10		■	□	□		12.0	16.0	4.0	1.0	
160-R20		■				12.0	16.0	4.0	2.0	
160-R30		■				12.0	16.0	4.0	3.0	
160-R50		■				12.0	16.0	4.0	5.0	
170-R05		□		□		12.5	17.0	4.0	0.5	
200-R05		■				15.0	20.0	5.0	0.5	
200-R10		■				15.0	20.0	5.0	1.0	
200-R20		■				15.0	20.0	5.0	2.0	
200-R30		■		□		15.0	20.0	5.0	3.0	
210-R05		□				15.5	21.0	5.0	0.5	
250-R05		□				18.5	25.0	6.0	0.5	
250-R10		□				18.5	25.0	6.0	1.0	
250-R20		□				18.5	25.0	6.0	2.0	
250-R30		□				18.5	25.0	6.0	3.0	
260-R05		□		□		19.0	26.0	6.0	0.5	
300-R10		□				22.5	30.0	7.0	1.0	
300-R20		□				22.5	30.0	7.0	2.0	
300-R30		□				22.5	30.0	7.0	3.0	
310-R05		□				23.0	31.0	7.0	0.5	
320-R10		□				23.5	32.0	7.0	1.0	
320-R20		□				23.5	32.0	7.0	2.0	
320-R30		□				23.5	32.0	7.0	3.0	

SPMT

WCMT

P (Stahl)			●	●	●	●	●	●
M (Rostfrei)			●	▲	▲	●	●	
K (Eisenguss)			▲	▲			●	●
N (NE-Metalle, Alu)	●							
S (Super Legierungen)				▲	●	●		
H (Harte Werkstoffe)								

Schnitte:

● Hauptanwendung

▲ Nebenanwendung

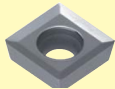
✖ leicht unterbrochen

C=Cermet, H=Hartmetall	H		H	H	H	H	H	H							
ISO-Bezeichnung	K10		P25	P30	P30	P35	M30	K10							
unbesch. Preis	H01	besch. Preis	NCM325	PC3500	NC5330	PC5335	PC5300	PC6510							

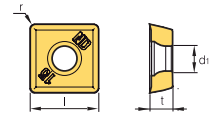
Abmessungen

Geometrie

SPET-ND



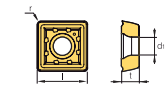
040204-ND		■							4.7	-	2.4	0.4	2.3
050204-ND		■							5.1	-	2.4	0.4	2.3
060205-ND		■							6.2	-	2.5	0.5	2.5
07T208-ND		■							7.5	-	2.8	0.7	2.8
090308-ND		■							9.2	-	3.3	0.8	3.4
11T308-ND		■							11	-	4.0	0.8	4.0
130410-ND		■							13	-	4.5	1.0	4.5
15M510-ND		■							15.2	-	5.0	1.0	5.5
180510-ND		■							18.2	-	5.5	1.0	6.0



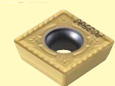
SPMT-LD



060205-LD						■			6.2	-	2.5	0.5	2.5
07T208-LD						■			7.5	-	2.8	0.7	2.8
090308-LD						■			9.2	-	3.3	0.8	3.4
11T308-LD						■			11	-	4.0	0.8	4.0
130410-LD						■			13	-	4.5	1.0	4.5
15M510-LD						■			15.2	-	5.0	1.0	5.5
180510-LD						■			18.2	-	5.5	1.0	6.0



SPMT-PD



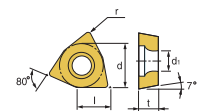
040204-PD				■	■		■	■	4.7	-	2.4	0.4	2.3
050204-PD				■	■		■	■	5.1	-	2.4	0.4	2.3
060205-PD				■	■		■	■	6.2	-	2.5	0.5	2.5
07T208-PD				■	■		■	■	7.5	-	2.8	0.7	2.8
090308-PD				■	■		■	■	9.2	-	3.3	0.8	3.4
11T308-PD				■	■		■	■	11	-	4.0	0.8	4.0
130410-PD				■	■		■	■	13	-	4.5	1.0	4.5
15M510-PD				■	■		■	■	15.2	-	5.0	1.0	5.5
180510-PD				■	■		■	■	18.2	-	5.5	1.0	6.0



WCMT-C21N



030204-C21N						□			3.8	5.56	2.38	0.4	2.8
040204-C21N						□			4.3	6.3	2.38	0.4	3.0
040208-C21N						□			4.3	6.35	2.38	0.8	3.0
050308-C21N						□			5.4	7.94	3.18	0.8	3.4
06T308-C21N						□			6.5	9.53	3.97	0.8	3.7
080408-C21N						□			8.7	12.7	4.76	0.8	4.3
080412-C21N						□			8.7	12.7	4.76	1.2	4.3



XOET

XOMT

P (Stahl)			●	●	●	●	●	●
M (Rostfrei)			●	▲	▲	●	●	
K (Eisenguss)			▲	▲			●	●
N (NE-Metalle, Alu)	●							
S (Super Legierungen)				▲	●	●		
H (Harte Werkstoffe)								

Schnitte:

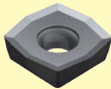
● Hauptanwendung

▲ Nebenanwendung

✕ leicht unterbrochen

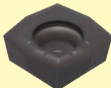
C=Cermet, H=Hartmetall		H		H	H	H	H	H	H						Geometrie
ISO-Bezeichnung		K10		P25	P30	P30	P35	M30	K10	Abmessungen					
unbesch. Preis	H01	besch. Preis	NCM325	PC3500	NC5330	PC5335	PC5300	PC6510	l	d	t	r	d1		

XOET-ND



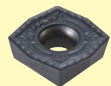
040204-ND		■								4.3	4.9	2.4	0.4	2.3	
050204-ND		■								4.8	5.4	2.4	0.4	2.3	
060204-ND		■								5.8	6.6	2.5	0.4	2.5	
07T205-ND		■								6.9	7.8	2.8	0.5	2.8	
090305-ND		■								8.4	9.6	3.3	0.5	3.4	
11T306-ND		■								10	11.4	4.0	0.6	4.0	
130406-ND		■								11.9	13.6	4.5	0.6	4.5	
15M508-ND		■								13.9	15.9	5.0	0.8	5.5	
180508-ND		■								16.5	18.9	5.5	0.8	6.0	

XOMT-LD



060204-LD							■			5.8	6.6	2.5	0.4	2.5	
07T205-LD							■			6.9	7.8	2.8	0.5	2.8	
090305-LD							■			8.4	9.6	3.3	0.5	3.4	
11T306-LD							■			10	11.4	4.0	0.6	4.0	
130406-LD							■			11.9	13.6	4.5	0.6	4.5	
15M508-LD							■			13.9	15.9	5.0	0.8	5.5	
180508-LD							■			16.5	18.9	5.5	0.8	6.0	

XOMT-PD



040204-PD								■		4.3	4.9	2.4	0.4	2.3	
050204-PD								■		4.8	5.4	2.4	0.4	2.3	
060204-PD								■		5.8	6.6	2.5	0.4	2.5	
07T205-PD								■		6.9	7.8	2.8	0.5	2.8	
090305-PD								■		8.4	9.6	3.3	0.5	3.4	
11T306-PD								■		10	11.4	4.0	0.6	4.0	
130406-PD								■		11.9	13.6	4.5	0.6	4.5	
15M508-PD								■		13.9	15.9	5.0	0.8	5.5	
180508-PD								■		16.5	18.9	5.5	0.8	6.0	

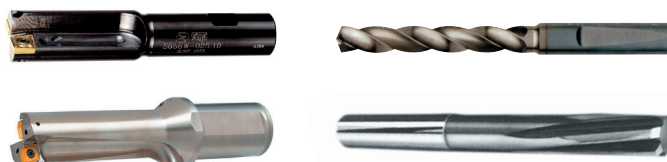
Drehen *Tournage*



Fräsen *Fraisage*



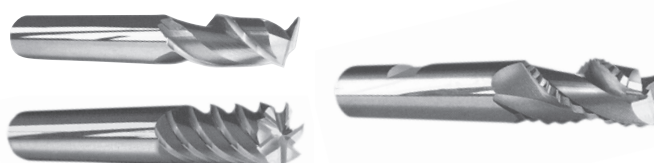
Bohren *Perçage*



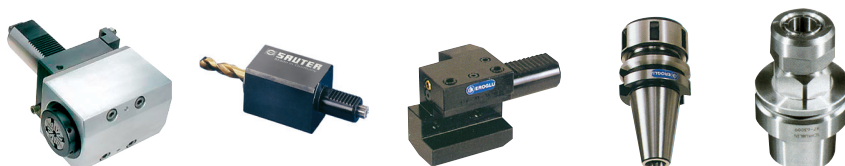
Wendeplatten *Plaquettes*



Vollhartmetall-, Pulver-HSS- und HSS-Werkzeuge *Outils en carbure monobloc, HSS et HSS fritté*



Werkzeugaufnahmen *Porte-outils*



Spannmittel *Moyen de serrage*



Geräte *Appareils*

