

hard material matters



Hard metals for woodworking
Indexable knives and blanks for profiling



CERATIZIT – the parent companies



Headquarters and parent company in **MAMER** / Luxembourg

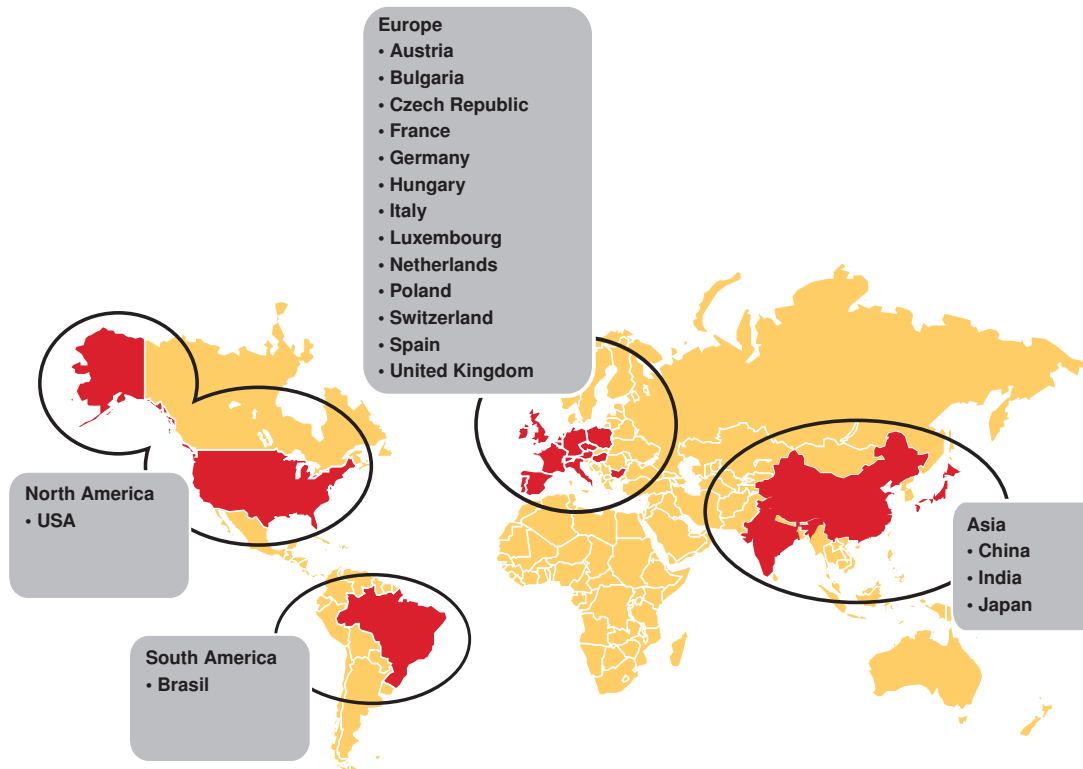


Parent company in **REUTTE** / Austria

Hard material matters – it is the core of our business. Through in-depth knowledge and highly flexible production facilities we strive to provide our business partners with direct competitive advantages in the field of hard materials for tooling solutions and wear parts. Our dedication to hard material matters creates intelligent solutions for tomorrow and time to come.

Production plants in the three main economic areas and a worldwide sales network of subsidiaries and distribution partners ensure a quick response to customer needs. In-house training courses and seminars guarantee that both business partners and employees share the latest information on our product range.

We promote intensive dialogue with our customers and strive for long-term business relations on a partnership basis. The CERATIZIT corporate value 'The focus and point of view of our business partners matters' is a guiding principle for all CERATIZIT employees worldwide.



Direct sales and distribution partners

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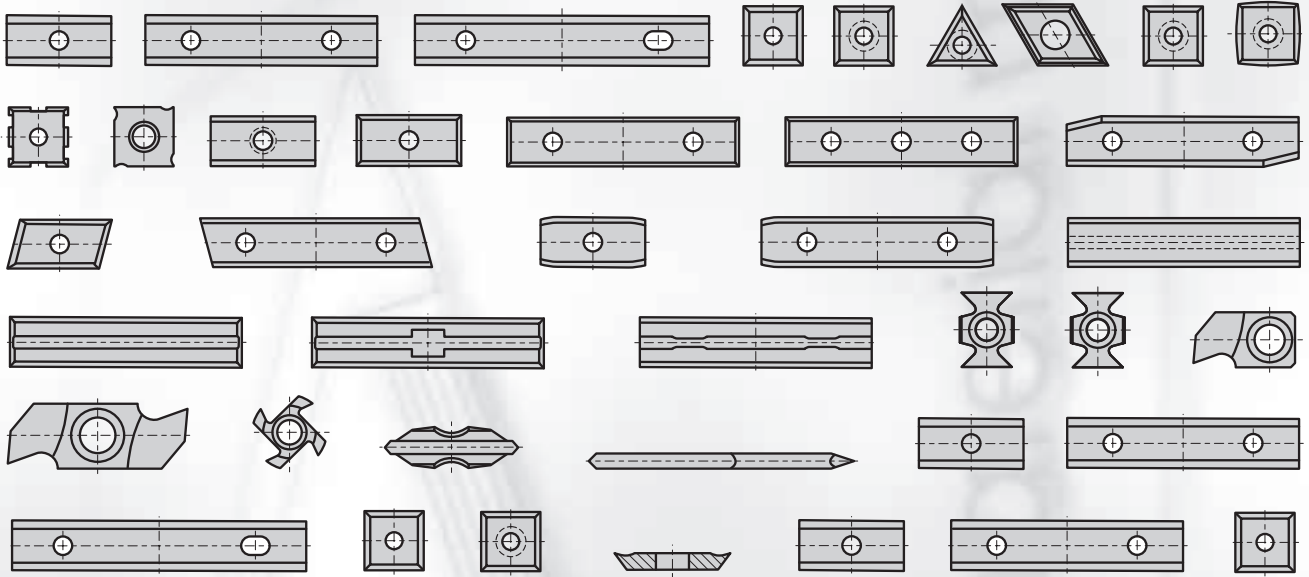
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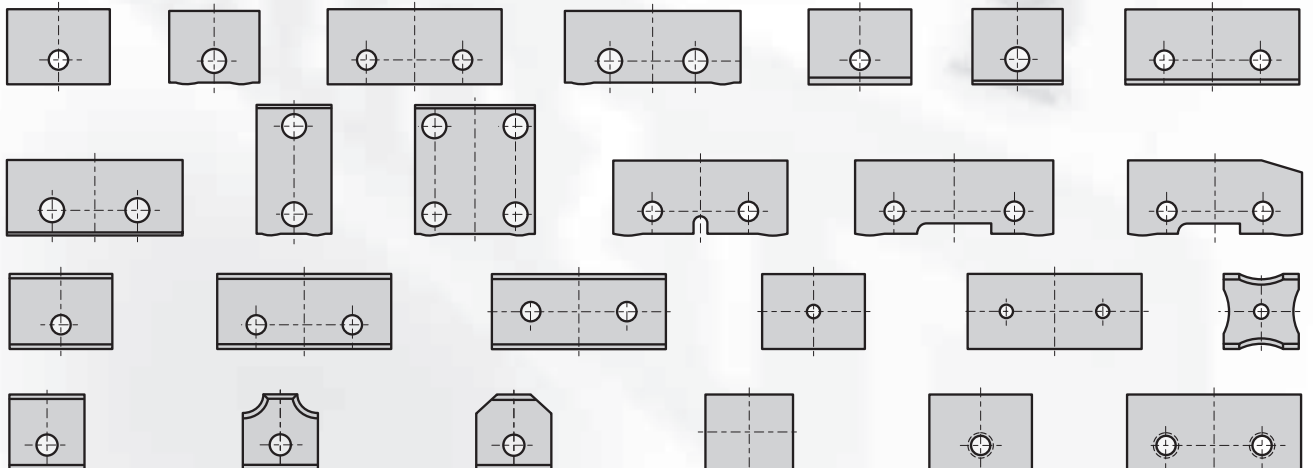
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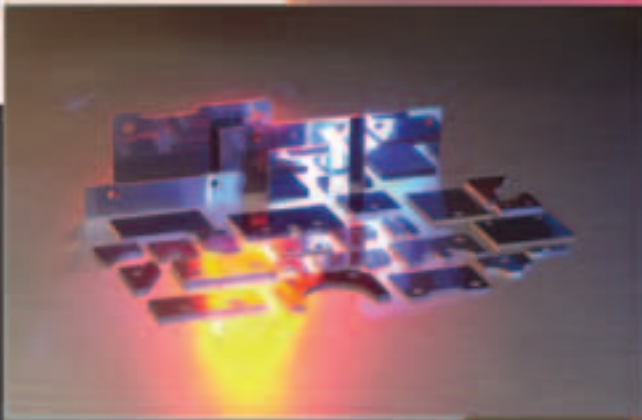
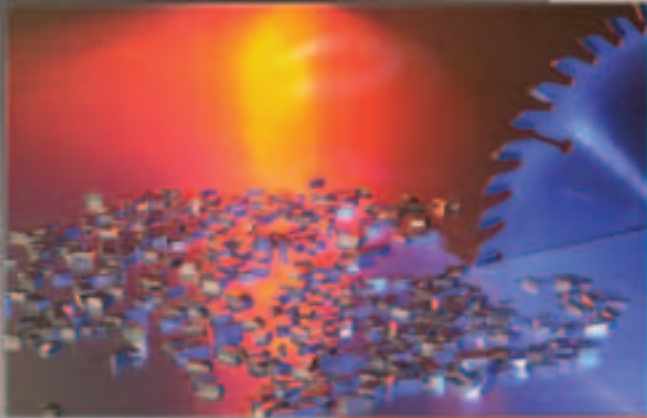
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Quality that leads the way







Grades - Composition and properties
Sorten - Zusammensetzung und Eigenschaften
Nuance - Composition et caractéristiques
Gradi - Composizione e caratteristiche
Calidades - Composicion y características



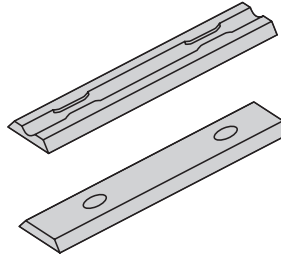
Grades		Code ISO	Code USA	Binder Binder Liant Legante Ligante (%)	Density Dichte Densité Densita Densidad g/cm ³	Hardness Härte Dureté Durezza Dereza			Transverse Rupture Strength Biegebruchfestigkeit Résistance à la rupture Resistenza alla rottura Resistencia a la ruptura transversal	
Current- Designation	Future-					HV10	HV30	HRA	MPa	P.S.I.
NANO GRADE										
UMG04	CTN04-HC	-	-	2	15.30	2550	2450	-	3200	464.000
ULTRAFINE GRADE										
SMG02	CTU05-HC	-	-	2.4	15.25	2300	2200	95.2	3500	508.000
SUBMICRON - CHROM GRADE										
KCR08	CTS08-KC	-	-	3.2	15.20	1920	1885	93.4	2300	334.000
SUBMICRON GRADES										
MG06	CTS06-HC	K01	C4	3.3	15.20	2020	1980	93.9	3300	479.000
MG18	CTS20-HC	K20	C2	10	14.45	1680	1660	92.3	3700	537.000
WC-COBALT GRADES										
HC05	CTF08-HC	K10	C3	4	15.15	1760	1730	92.9	2100	305.000
HC20	CTF12-HC	K20	C2	6	14.95	1640	1620	92.1	2300	334.000
HC27		K30	C1	7.5	14.70	1470	1450	91.0	2400	348.000
HC35	CTM18-HC	K30	C1	9	14.60	1400	1380	90.5	2800	406.000
NON COBALT GRADE										
HE40	CTU40-HE	>K40	-	20*	13.15	1250	1240	88.8	3500	508.000

* FeNiCO-binder


 from stock
 Lagerstandard
 standard a magazzino
 produit standard
 producto standard


 limited stock or upon request
 limitierte Lagerhaltung bzw. auf Anfrage
 deposito limitato o a richiesta
 stock limité ou sur demande
 stock limitado o bajo consulta

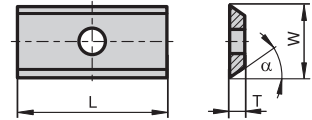
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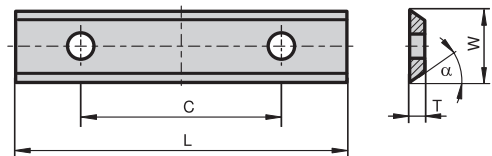
Symbol	Grade Sorte Nuance Gradi Calidad Current- Designation	Future- Designation	Softwood Weichholz Bois plein Legni teneri Maderas blandas	Hardwood Hartholz Bois dur Legni duri Maderas duras	MDF MDF MDF MDF MDF	HDF HDF HDF HDF HDF
NANO GRADE						
○○○○	UMG04	CTN04-HC				CTN04-HC
ULTRAFINE GRADE						
○○	SMG02	CTU05-HC			CTU05-HC	CTU05-HC
SUBMICRON - CHROM GRADE						
□	KCR08	CTS08-KC	CTS08-KC	CTS08-KC	CTS08-KC	CTS08-KC
SUBMICRON GRADES						
○	MG06	CTS06-HC			CTS06-HC	
○○	MG18	CTS20-HC		CTS20-HC		
WC-COBALT GRADES						
□	HC05	CTF08-HC	CTF08-HC	CTF08-HC	CTF08-HC	CTF08-HC
	HC20	CTF12-HC	CTF12-HC	CTF12-HC		
	HC35	CTM18-HC	CTM18-HC	CTM18-HC		
NON COBALT GRADE						
△	HE40	CTU40-HE	CTU40-HE			

Grain size definition	Average grain size range
N anograin	< 0,2 µm
U ltrafine	0,2 - < 0,5 µm
S ubmicron	0,5 - < 0,8 µm
F ine	0,8 - < 1,3 µm
M edium	1,3 - < 2,5 µm
C oarse	2,5 - 6,0 µm
E xtracoarse	> 6,0 µm

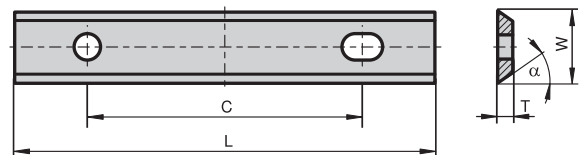
Indexable knives
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STYLE CTK ST ...					□	▭	◌	○○	○○○○						
[mm]					KCR08 CTS08-KC	HC05 CTF08-HC	MG06 CTS06-HC	SMG02 CTU05-HC	UMG04 CTN04-HC						
L	W	T	C	α	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code						
7.5	12	1.5		35°	360013	✓	330647	✓	239661	✓					
9.6	12	1.5			360014	✓	330652	✓	239662	✓	358956	✓			
10.5	12	1.5			360015	✓	239369	✓							
11	12	1.5			360016	✓	239370	✓							
13	12	1.5			360017	✓	239371	✓							
15	12	1.5			360018	✓	330640	✓	239664	✓	358308	✓			
15.7	12	1.5			360019	✓	239372	✓							
17	12	1.5			360020	✓	331564	✓							
18	12	1.5			360021	✓	239368	✓							
19	12	1.5			360022	✓	331565	✓							
20	12	1.5			358831	✓	330641	✓	239574	✓	330673	✓	358633	✓	
24.7	12	1.5			360023	✓	239680	✓	358950	✓					

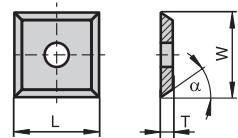


STYLE CTK ST ...					□	▭	◌	○○	○○○○						
24.7	12	1.5	14	35°	360024	✓	239681	✓	358952	✓					
30	12	1.5			358833	✓	330642	✓	239575	✓	330674	✓	358634	✓	
40	12	1.5	26		360025	✓	330649	✓	239667	✓	358316	✓			
50	12	1.5			358835	✓	330643	✓	239576	✓	330675	✓	358635	✓	
60	12	1.5			360026	✓	330644	✓	239577	✓	358317	✓			

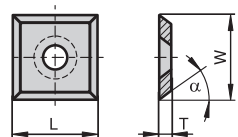


STYLE CTK ST ...					HC27										
80	13	2.2	60	35°	360069	■	239355	✓							
100	13	2.2			239356	✓									
120	13	2.2			239357	✓									
130	13	2.2			359031	■									

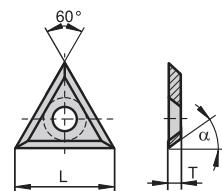
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Cuchillas reversibles



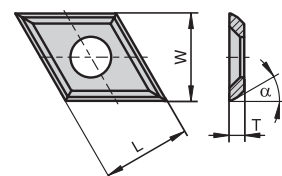
STYLE CTK FC ...				□	▭	◻	○	○
[mm]			α	KCR08 CTS08-KC	HC05 CTF08-HC	MG06 CTS06-HC	MG18 CTS20-HC	SMG02 CTU05-HC
L	W	T		Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
10.5	10.5	1.5	35°	360027 ✓	239385 ✓			
12.0	12.0	1.5		360030 ✓	330657 ✓	239663 ✓		358314 ✓
17.0	17.0	2.0		360028 ✓	239386 ✓	333665 ✓		
19.0	19.0	2.0		360029 ✓	239387 ✓			



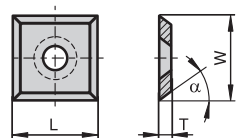
STYLE CTK SC ...				□	▭	◻	○	○
14.0	14.0	2.0	30°	359802 ✓	332394 ✓	332538 ✓	239725 ✓	332539 ✓



STYLE CTK SC ...				□	▭	◻	○	○
22.0	-	2.0	30°				239466 ✓	

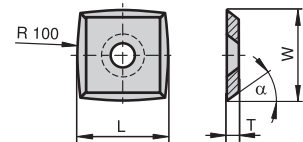


STYLE CTK SC ...				□	▭	◻	○	○
14.0	14.0	2.0	30°		332377 ✓			

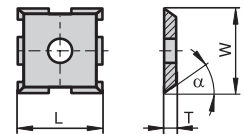


STYLE CTK SC ...				□	KCR08 CTS08-KC	HC20 CTF12-HC	HC27	HC35 CTM18-HC
10.5	10.5	1.5	35°				331889 ✓	
13.4	13.4	1.5						332547 ✓
13.6	13.6	2.0	45°					239418 ✓
14.0	14.0	1.2	30°					330669 ✓
14.0	14.0	1.7						331749 ✓
14.0	14.0	2.0		359802 ✓	332395 ✓			330668 ✓
14.3	14.3	2.5	35°		239421 ✓			

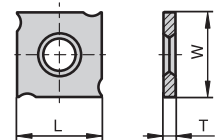
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Coltellini reversibili
Cuchillas reversibles



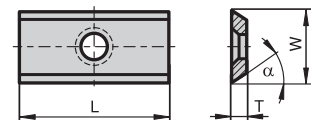
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[mm]			α	β	KCR08	HC20	HC27	HC35			
L	W	T			CTS08-KC	CTF12-HC	Ordering code	Ordering code	Ordering code	Ordering code	
14.0	14.0	2.0	30°	-					359039	✓	



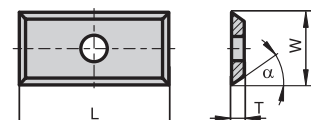
STYLE CTK FC ...										
L	W	T	α	β						
15.0	15.0	2.0	35°	-				239390	✓	



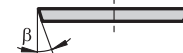
STYLE CTK GR ...					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	○○○○	○○		
[mm]			α	β	KCR08	HC05	HC20	MG06	UMG04	SMG02	
L	W	T			CTS08-KC	CTS08-HC	CTF12-HC	CTS06-HC	CTN04-HC	CTU05-HC	
14	14	2.00	-	-			359032	✓			
14	14	2.50					332764	✓			
14	14	3.00					359033	✓			
18	18	1.95					330658	✓			
18	18	2.50					330659	✓			
18	18	2.95					331492	✓			
18	18	3.70					239391	✓			
18	18	4.00					331493	✓			



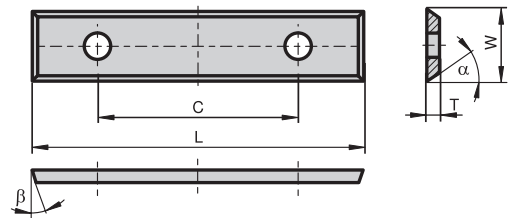
STYLE CTK FC ...										
L	W	T	α	β						
20	14.3	2.5	35°	-			239380	✓		



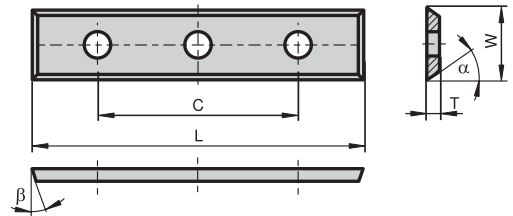
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L	W	T	α	β								
9.0	12	1.5			35°	15°		239376	✓			
10.0	12	1.5						239374	✓			
19.5	12	1.5					359053	✓		359075	✓	



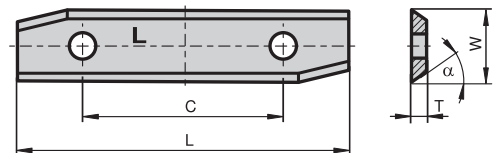
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STYLE CTK FC ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
[mm]				α	β	KCR08	HC05	HC20	MG06	UMG04	SMG02					
L	W	T	C			CTS08-KC	CTF08-HC	CTF12-HC	CTS06-HC	CTN04-HC	CTU05-HC					
						Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code					
29.0	12	1.5	14	35°	20°		330711	✓								
29.5	9	1.5				360081	■	331173	✓		359055	✓				
29.5	12	1.5				360082	■	331886	✓		359054	✓	359079	✓	359076	✓
49.5	9	1.5	26			360083	■	359034	✓		359056	✓				
49.5	12	1.5				360089	■	331887	✓		359057	✓	359080	✓	359077	✓
59.5	12	1.5						359035	✓		359058	✓			359078	✓

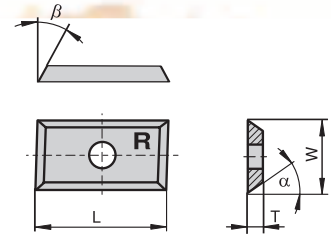


STYLE CTK FC ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L	W	T	C	α	β	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
50	12	1.7	37	35°	20°	358958	✓	419334	✓	359059	✓

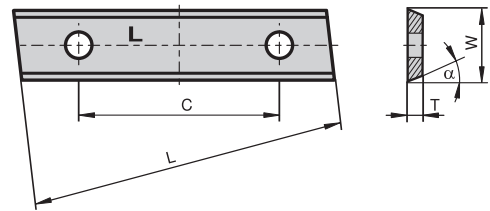


STYLE CTK FC ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[mm]				α	β	KCR08	HC05	MG06			
L	W	T	C			CTS08-KC	CTF08-HC	CTS06-HC			
						Ordering code	Ordering code	Ordering code			
29.5	12	1.5	14	35°	-	360070	■	239 365R	■	359064R	■
29.5	12	1.5				360071	■	330 648L	✓	359065L	■
49.5	12	1.5	26			360072	■	359 037R	✓	359066R	■
49.5	12	1.5				360073	■	359 036L	✓	359067L	■

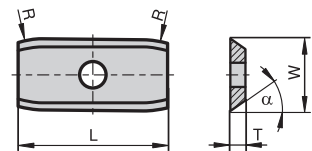
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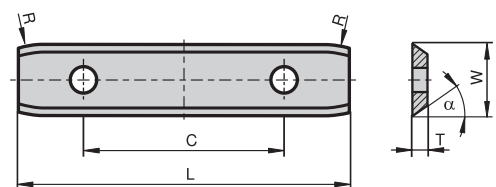
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[mm]						KCR08 CTS08-KC	HC05 CTF08-HC	MG06 CTS06-HC
L	W	T	C	α	β	Ordering code	Ordering code	Ordering code
19.4	12	1.5	-	35°	15°	360074	239 375L	359068
19.5	12	1.5			10°	360075	239 367L	359069
19.5	12	1.5			360076	239 366R	359070	



STYLE CTK FC ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L	W	T	C	α	β	Ordering code	Ordering code	Ordering code
29.5	12	1.5	14	35°	-	360077	330 646L	359071
29.5	12	1.5				360078	330 645R	359072
49.5	12	1.5	26			360079	239 361L	359073
49.5	12	1.5				360080	239 360R	359074



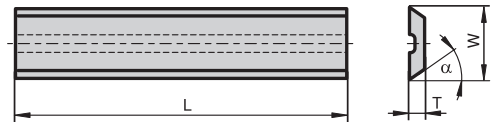
STYLE CTK ST ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[mm]						KCR08 CTS08-KC	HC05 CTF08-HC	MG06 CTS06-HC
L	W	T	C	α	β	Ordering code	Ordering code	Ordering code
20	12	1.5	-	35°	-		359038	



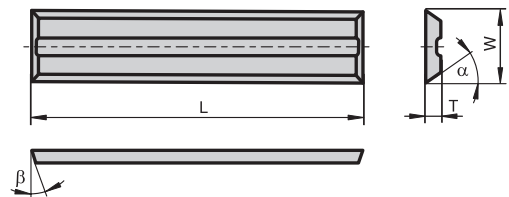
STYLE CTK ST ...						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L	W	T	C	α	β	Ordering code	Ordering code	Ordering code
30	12	1.5	14	35°	-		357890	
50	12	1.5	26				357892	

Indexable knives
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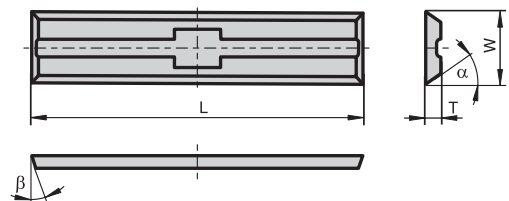
MINI



STYLE CTK MK ...							
[mm]			α	β		HC05	MG06
L	W	T				CTF08-HC	CTS06-HC
						Ordering code	Ordering code
12	5.5	1.1	35°	-		330662 BN ✓	
20	5.5	1.1					
30	5.5	1.1					
40	5.5	1.1					
50	5.5	1.1					
60	5.5	1.1					
82	5.5	1.1					



STYLE CTK MK ...						
L	W	T	α	β		
12	5.5	1.1	35°	20°		239398 RN ✓



STYLE CTK MK ...							
L	W	T	α	β			
20	4.1	1.1	35°	20°		331404 RN ✓	359060 ✓
20	5.5	1.1					
25	5.5	1.1					
30	5.5	1.1					
40	5.5	1.1					
50	5.5	1.1					

Indexable knives

Wendeplatten

Plaquettes réversibles

Coltellini reversibili

Cuchillas reversibles

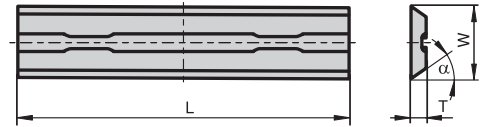
Handplaner machines

Handhobelmaschinen

Rabots portatifs

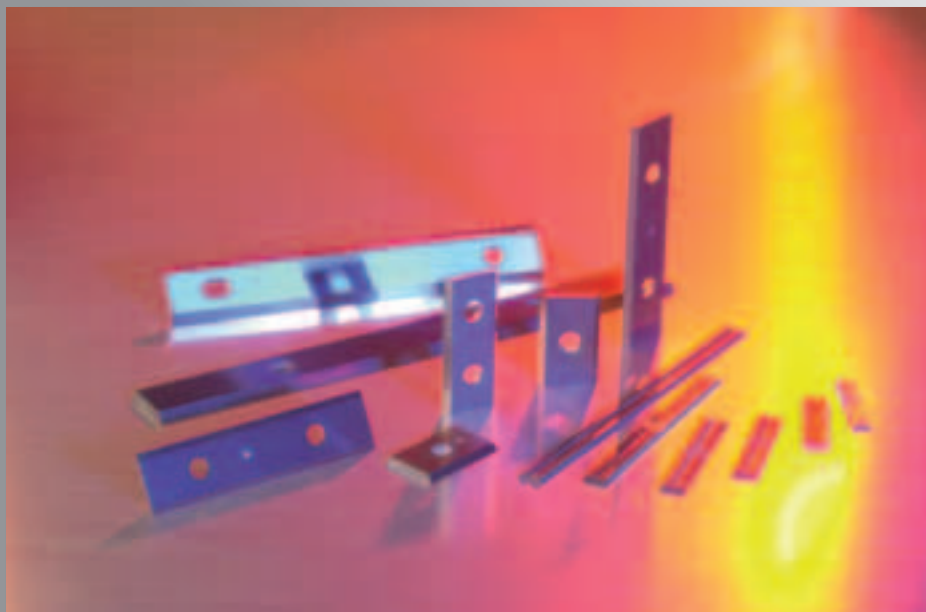
Pialle portativi

Cepillos portatiles

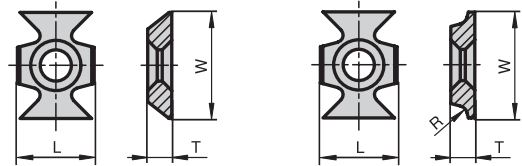


STYLE CTK PK ...

[mm]					HC35 CTM18-HC	
L	W	T	α		Ordering code	
56.0	5.5	1.1	35°		333440	✓
75.5	5.5	1.1			330664	✓
78.0	5.5	1.1			331436	✓
80.5	5.9	1.2	40°		330666	✓
82.0	5.5	1.1	35°		330665	✓
92.0	5.5	1.2			332144	✓
102.0	5.5	1.1			239410	✓

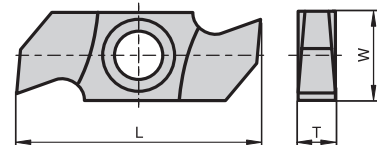


Chamfer breaking tip
Fasenkantenbrecher
Plaquette à biseautage
Coltelli per smussare
Chaflanadores



STYLE CTK CH ...

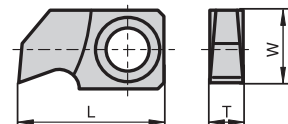
[mm]					HC20 CTF12-HC	HC27	HC35 CTM18-HC
L	W	T	R		Ordering code	Ordering code	Ordering code
16	22	5	45°		330575	✓	
16	22	5	1.0		359041	✓	
16	22	5	1.5		330576	✓	
16	22	5	2.0		330577	✓	
16	22	5	2.5		330579	✓	
16	22	5	3.0		330578	✓	
16	22	5	5.0		333980	✓	
16	22	5	6.0		359042	✓	



STYLE CTK GR ...

34	16	3.2/4.0					239830	✓
34	16	4.0					239831	✓
34	16	5.0					239832	✓
36	13	3.5			239425	✓		
40	13	5.5			239566	✓		
Ø 25	-	4.6 / 2.8			239567	✓		

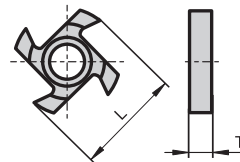
Grooving knife
Nutmesser
Couteaux à rainurer
Coltelli per incastri
Cuchillas para ranurar



STYLE CTK GR ...

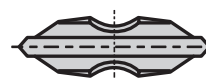
[mm]				HC20 CTF12-HC	MG18 CTS20-HC	HC35 CTM18-HC
L	W	T		Ordering code	Ordering code	Ordering code
24.5	13	4.0			357834	✓
24.5	13	5.0			358124	✓

Chamfer knives
Fasenmesser
Couteaux à chanfreiner
Coltelli per smussare
Chaflanadores



STYLE CTK CH ...				HC20 CTF12-HC	HC35 CTM18-HC
[mm]				Ordering code	Ordering code
L	W	T			
Ø 25	-	5		239424L ✓	
Ø 25	-	5		239423R ✓	

Scorer
Vorschneider
Traceurs
Incisore
Precortadores



STYLE CTK SC ...				HC20 CTF12-HC	HC35 CTM18-HC
[mm]				Ordering code	Ordering code
L	W	T			
18	6	3.5		360002 ✓	

Centering point
Zentrierspitze
Pointe de centrage
Punte per cerniere
Punta centradora

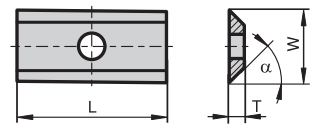


STYLE CTK CP ...				HC20 CTF12-HC	HC35 CTM18-HC
[mm]				Ordering code	Ordering code
L	W	T			
33.5	3	-			162624 ✓

Indexable knives
Wendepplatten
Plaquettes réversibles
Coltellini reversibili
Cuchillas reversibles

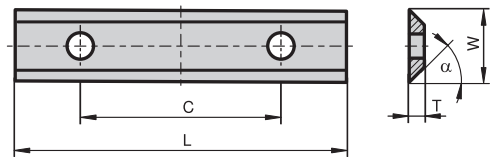
Softwood
Weichholz
Bois plein
Legni teneri
Para maderas blandas

microfinish



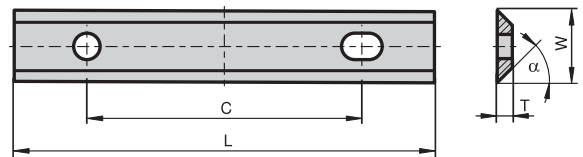
STYLE CTK ST ...					□	○○	△
[mm]					KCR08 CTS08-KC	MG18 CTS20-HC	HE40 CTU40-HE
L	W	T	C	α	Ordering code	Ordering code	Ordering code
9.6	12	1.5	-	45°		359051 ✓	359044 ■
15	12	1.5			330537 ✓	359045 ■	
20	12	1.5			330538 ✓	357973 ■	

microfinish



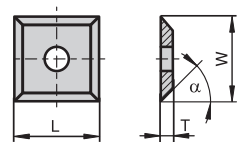
STYLE CTK ST ...					□	○○	△
30	12	1.5	14	45°		330539 ✓	357974 ■
40	12	1.5	26			330540 ✓	359046 ■
50	12	1.5				330541 ✓	357975 ■
60	12	1.5				330542 ✓	359047 ■

microfinish



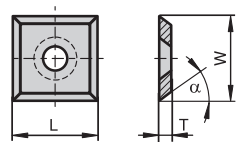
STYLE CTK ST ...					□	○○	△
80	13	2.2	60	45°		359052 ✓	359048 ■

microfinish



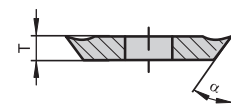
STYLE CTK ST ...					□	○○	△
12	12	1.5	-	45°		330536 ✓	359049 ■

microfinish



STYLE CTK ST ...					□	○○	△
14	14	2	-	30°		332257 ✓	359050 ■

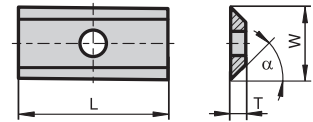
WITH CHIP BREAKER



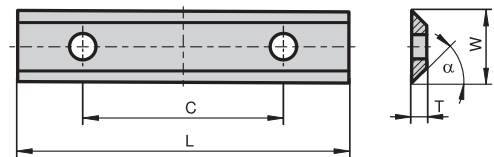
STYLE CTK ST ...					□	○○	△
20	12	1.5	-	35°			357984 ✓
30	12	1.5	14				357985 ✓
50	12	1.5	26				357986 ✓

Indexable knives
 Wendeplatten
 Plaquettes réversibles
 Coltellini reversibili
 Cuchillas reversibles

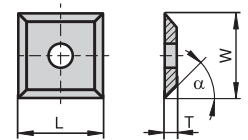
Hardwood
 Hartholz
 Bois dur
 Legni duri
 Para maderas duras



STYLE CTK ST ...					□	○ ○	
[mm]					KCR08 CTS08-KC	MG18 CTS20-HC	
L	W	T	C	α			Ordering code
7.5	12	1.5	-	45°		330520	✓
15	12	1.5				330522	✓
20	12	1.5				330523	✓



STYLE CTK ST ...					KCR08 CTS08-KC	MG18 CTS20-HC	
L	W	T	C	α			Ordering code
30	12	1.5	14	45°		330524	✓
40	12	1.5	26			330525	✓
50	12	1.5				330526	✓
60	12	1.5				330527	✓




STYLE CTK ST ...					KCR08 CTS08-KC	MG18 CTS20-HC	
L	W	T	C	α			Ordering code
12	12	1.5	-	45°		330521	✓




- Grades** - Composition and properties
Sorten - Zusammensetzung und Eigenschaften
Nuance - Composition et caractéristiques
Gradi - Composizione e caratteristiche
Calidades - Composicion y características

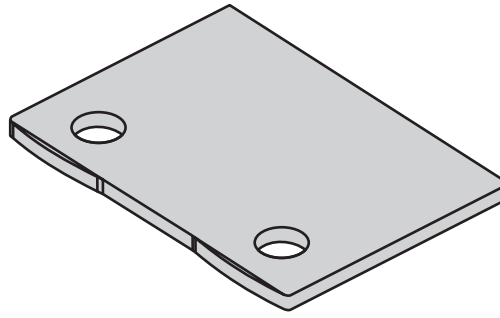
Grades		Code ISO	Code USA	Binder Binder Liant Legante Ligante (%)	Density Dichte Densité Densita Densidad g/cm ³	Hardness			Transverse Rupture Strength	
Current- Designation	Future-					HV10	HV30	HRA	MPa	P.S.I.
SUBMICRON - CHROM GRADE										
KCR08	CTS08-KC	-	-	3.2	15.20	1920	1885	93.4	2300	334.000
ULTRAFINE GRADE										
SMG02	CTU05-HC	-	-	2.4	15.25	2350	2250	95.4	3500	508.000
SUBMICRON GRADES										
MG06	CTS06-HC	K01	C4	3.3	15.20	2020	1980	93.9	3300	479.000
MG18	CTS20-HC	K20	C2	10	14.45	1680	1660	92.3	3700	537.000
WC-COBALT GRADES										
HC05	CTF08-HC	K10	C3	4.0	15.15	1760	1730	92.9	2100	305.000
NON COBALT GRADE										
HE40	CTU40-HE	>K40	-	20*	13.15	1250	1240	88.8	3500	508.000

* FeNiCO-binder


 from stock
 Lagerstandard
 standard a magazzino
 produit standard
 producto standard


 limited stock or upon request
 limitierte Lagerhaltung bzw. auf Anfrage
 deposito limitato o a richiesta
 stock limité ou sur demande
 stock limitado o bajo consulta

Application chart
Anwendungsgebiete
Domaines d'applications
Indice d'utilizzo
Campo de aplicacion

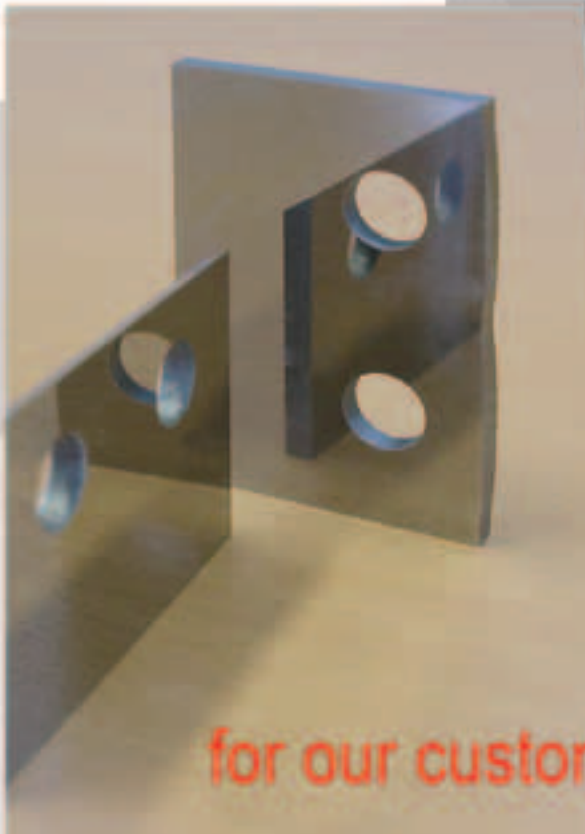


Symbol	Grade Sorte Nuance Gradi Calidad	Current- Designation	Future- Designation	Softwood Weichholz Bois plein Legni teneri Maderas blandas	Hardwood Hartholz Bois dur Legni duri Maderas duras	MDF MDF MDF MDF MDF	HDF HDF HDF HDF HDF
SUBMICRON - CHROM GRADE							
□	KCR08	CTS08-KC	CTS08-KC	CTS08-KC	CTS08-KC	CTS08-KC	CTS08-KC
ULTRAFINE GRADE							
○○	SMG02	CTU05-HC				CTU05-HC	CTU05-HC
SUBMICRON GRADES							
○	MG06	CTS06-HC				CTS06-HC	
○○	MG18	CTS20-HC		CTS20-HC			
WC-COBALT GRADE							
□	HC05	CTF08-HC	CTF08-HC	CTF08-HC	CTF08-HC	CTF08-HC	CTF08-HC
NON COBALT GRADE							
△	HE40	CTU40-HE	CTU40-HE				

Grain size definition	Average grain size range
N anograin	< 0,2 µm
U ltrafine	0,2 - < 0,5 µm
S ubmicron	0,5 - < 0,8 µm
F ine	0,8 - < 1,3 µm
M edium	1,3 - < 2,5 µm
C oarse	2,5 - 6,0 µm
E xtracoarse	> 6,0 µm

MULTI PURP

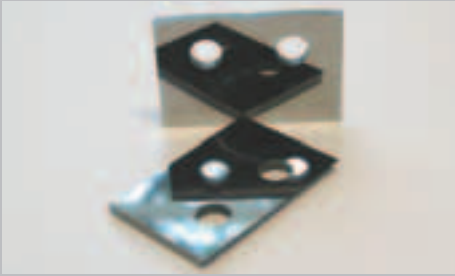
Profile - blank



The solution

for our customer's application

Surface -MICROFINISH



Surface microfinish $R_a < 0,025 \mu m$

- o very little sticking, so longer life for cutting edge
- o minimum friction on the surface gives optimal chip escape

Spiegelpolierte Spanfläche $R_a < 0,025 \mu m$

- o geringe Verharzung und dadurch höhere Standzeit der Schneidkante
- o minimale Reibung an der Spanfläche ergibt optimalen Spanablauf

Surface microfinish $R_a < 0,025 \mu m$

- o peu de collage, donc meilleure durée de vie de la coupe
- o friction minimale, donc un meilleur roulement du copeau

Superficie lappata $R_a < 0,025 \mu m$

- o minima adesione resinosa, e quindi superiore durata del filo tagliente
- o minimo attrito sulla superficie permette un ottimo scarico del truciolo

Lapeado superficial $R_a < 0,025 \mu m$

- o baja adherencia, que se traduce en una mayor vida en el filo
- o mínima fricción en la cara que da un óptimo escape de viruta du copea

2 precision contact points

- o for exact positioning of knives during grinding and inserting into cutter head

2 Präzisions-Anlagepunkte

- o für punktgenaues Referieren des Messers beim Schleifen des Profils und beim Einsatz im Messerkopf

2 points d'appuis

- o grande précision dans l'outil, ainsi que lors du profilage de la plaquette

2 Punti di Precisione per Appoggio

- o per perfetto posizionamento dei coltelli durante la rettifica del profilo ed inserimento nella testa

2 puntos de fijación de gran precision

- o para el exacto posicionamiento de la cuchilla durante su afilado y rectificado y su colocación en la herramienta

Contact -POINTS



Universal bore $\varnothing 5.2 \text{ mm}$

- o universally suitable for distances 5,5 to 6,5 mm
- o bore also suitable for screw fixing M5

Universal-Bohrung $\varnothing 5,2 \text{ mm}$

- o bei Abstandsmaßen 5,5 bis 6,5 mm individuell einsetzbar
- o Bohrung auch für Schraubenspannung M5 geeignet

Trou universel $\varnothing 5,2 \text{ mm}$

- o applicable pour l'entre-axe de 5,5 à 6,5 mm
- o applicable pour fixation avec vis - M5

Foro universale del $\varnothing 5,2 \text{ mm}$

- o applicabile per distanze da 5,5 a 6,5 mm
- o foro anche adatto per fissaggio con vite M5

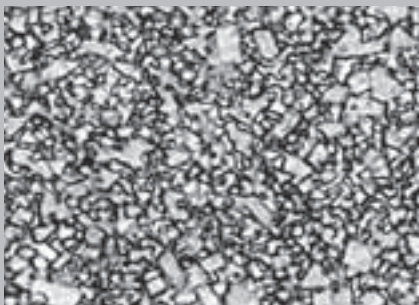
Agujero universal $\varnothing 5,2 \text{ mm}$

- o aplicable a distancias entre 5,5 y 6,5 mm
- o agujero utilizable para fijación por tornillo M5

Universal -BORE



Chromium -GRADE



New special chromium tungsten carbide grade KCR08 (CTS08-KC)

- o covers 99% of all applications
- o more precise cutting edge execution due to submicron grade
- o high corrosion resistance due to special powder mix

Neue Spezial Chrom-Hartmetall Sorte KCR08 (CTS08-KC)

- o deckt 99 % aller Anwendungsfälle ab
- o exaktere Schneidkantenausführung durch Submikron-Sorte herstellbar
- o hohe Korrosionsbeständigkeit durch Beimengung von Chrom

Nouvelle nuance spéciale : Chrome KCR08 (CTS08-KC)

- o applicable pour 99 % des matériaux
- o coupe très tranchante grâce à une nuance submicro grain
- o grande résistance à la corrosion

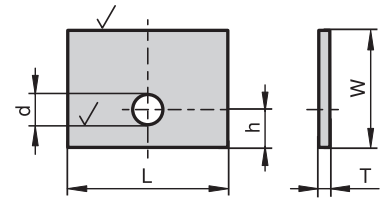
Grado speciale di Chromo Metallo Duro KCR08 (CTS08-KC)

- o copre 99% delle applicazioni lavorative
- o più precisione nell' esecuzione del tagliente a causa del grado in submicron
- o alta resistenza alla corrosione dovuta alla miscela speciale della polvere

Calidad KCR08 (CTS08-KC)

- o cubre el 99 % de todas las aplicaciones
- o filo más preciso debido a la calidad submicrograno
- o alta resistencia a la corrosión debido a la especial mezcla del polvo

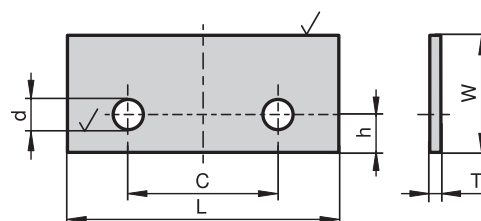
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL ST10- ...					□	▭	○○	◌	○○	△						
[mm]					KCR08 CTS08-KC d=4.5mm	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE						
L	W	T	h	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code						
10.0	20.3	2.0	6.0	4.2		300500	■									
12.0	20.3	2.0			301007	■	357650	✓								
15.1	20.3	2.0			301008	■	357651	✓								
16.2	20.3	2.0			301009	■	357652	✓								
16.2	25.3	2.0					300501	■								
18.0	18.3	2.0					168829	■								
18.2	18.3	2.0					300502	■								
18.2	25.3	2.0					300503	■								
18.2	36.3	2.0					300504	■								
20.0	20.5	2.0	6.5	4.5	301010	■	332772	✓	300514	■	300507	■				
20.0	25.5	2.0			301011	■						2015918	✓			
20.0	25.5	2.0					331500	✓	300515	■		300508	■			
20.0	25.5	2.0	6.0	4.2		168830	■									
20.0	30.5	2.0	6.5	4.5	301012	■		2008887	■							
20.0	30.5	2.0					357653	✓	300516	■	300521	■	300559	■	300509	■
20.0	35.5	2.0			301013	■	357654	✓								
20.2	20.3	2.0	6.0	4.2		357655	■									
20.2	25.3	2.0					357656	■								
20.2	30.3	2.0					357657	■								
22.2	25.3	2.0					357658	■								
24.0	28.3	2.0					168831	■								
24.2	20.3	2.0					300505	■								
24.2	28.3	2.0					300506	■								
24.4	28.5	2.0					357659	■								
25.0	20.5	2.0	6.5	4.2	301014	■	332964	✓								
25.0	25.5	2.0			301015	■	357660	✓	300517	■		300510	■			
25.0	30.5	2.0			301016	■	357661	✓	300518	■	300522	■	300560	■	300511	■
25.0	35.5	2.0			301017	■	357662	✓						358372	■	
30.0	20.5	2.0			301018	■	357664	✓	300519	■	300523	■	300561	■	300512	■
30.0	25.5	2.0			301019	■	357665	✓								
30.0	30.5	2.0			301020	■	357666	✓	300520	■		300562	■	300513	■	
30.0	35.5	2.0					332963	■		300524	■					
32.0	22.3	2.0	6.0			168832	■									
35.0	25.5	2.0	6.5	4.2		357667	■									
35.0	30.5	2.0			301021	■	332773	✓								
35.0	35.5	2.0					357668	■								
40.0	30.3	2.0	6.0			168833	■									

PG C4

Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar

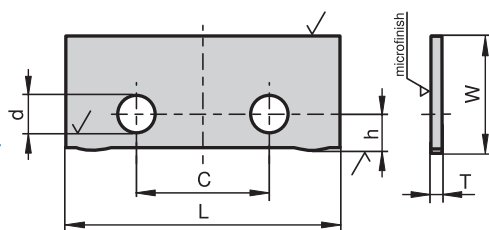


STYLE CTBL ST20- ...						□	▭	○○	◻	○○	△			
[mm]						KCR08 CTS08-KC d= 4.5mm	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE			
L	W	T	C	h	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code			
30	20.5	2.0	14	6.5	4.2	301022	331501	✓						
30	25.5	2.0				301023	331502	✓	300218			300201		
30	25.5	2.0	19	4.75		301024	2022668	✓						
30	30.5	2.0	14	6.5		301025	357669	✓	300219		300202			
30	30.5	2.0	19	4.75		301026	2002226	✓						
30	35.5	2.0	14	6.5		301027	357670	✓	300220	300235	300281	300203		
35	25.5	2.0				301028	357671	✓	300221			300204		
35	30.5	2.0				301029	300200	✓						
35	35.5	2.0				301030	357672	✓	300222	300236	300282	300205		
40	20.5	2.0	26			6.5	301031	332684	✓	300223			300206	
40	25.5	2.0					301032	357673	✓	300224			300207	
40	30.5	2.0					301033	331503	✓	300225	300237	300283	300208	
40	35.5	2.0					301034	357674	✓	300226			300209	
40	40.5	2.0	301035				357675	✓	300227	300238	300284	300210		
50	20.5	2.0	24				6.0	301036	357676	✓	300228			300211
50	25.5	2.0		301037				332578	✓	300229	300239	300285	300212	
50	30.5	2.0		301038				357677	✓					
50	32.3	2.0		301039				168834	✓					
50	35.5	2.0	26	6.5				301040	357678	✓	300230	300240	300286	300213
50	40.5	2.0						301041	357679	✓				
60	35.5	2.0			301042			357680	✓	300231			300214	
60	40.5	2.0			301043			357681	✓	300232	300241	300287	300215	
60	45.5	2.0	301044		357682		✓							
80	25.5	2.0	60		6.5		301045	357683	✓	300233			300216	
80	35.5	2.0					301046	357684	✓					
80	40.5	2.0					357685	■	300234	300242	■	300217		

PG C4

Blanks for profiling
 Blanketts zum Profilieren
 Plaquettes à profiler
 Coltelli a profilare
 Placas para perfilar

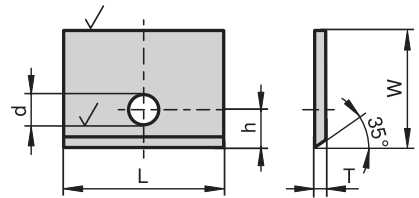
NEW GENERATION
MULTI PURP



STYLE CTBL MP20 ...								
Ordering code	[mm]						KCR08 CTS08-KC	
	L	W	T	C	h	d		
CTBL MP20-30020520	30	20.5	2.0	14	6.5	5.2	302012	✓
CTBL MP20-30025520	30	25.5	2.0				302013	✓
CTBL MP20-30025520 C=19	30	25.5	2.0				19	302014
CTBL MP20-30030520	30	30.5	2.0	14			302015	✓
CTBL MP20-30030520 C=19	30	30.5	2.0	19			302016	✓
CTBL MP20-30035520	30	35.5	2.0	14			302017	✓
CTBL MP20-35025520	35	25.5	2.0				302018	✓
CTBL MP20-35030520	35	30.5	2.0				302019	✓
CTBL MP20-35035520	35	35.5	2.0	302020			✓	
CTBL MP20-40020520	40	20.5	2.0	26			302021	✓
CTBL MP20-40025520	40	25.5	2.0				302022	✓
CTBL MP20-40030520	40	30.5	2.0				302023	✓
CTBL MP20-40035520	40	35.5	2.0				302024	✓
CTBL MP20-40040520	40	40.5	2.0				302025	✓
CTBL MP20-50020520	50	20.5	2.0				302026	✓
CTBL MP20-50025520	50	25.5	2.0	302027			✓	
CTBL MP20-50030520	50	30.5	2.0	302028			✓	
CTBL MP20-50032320	50	32.3	2.0	24			302029	✓
CTBL MP20-50035520	50	35.5	2.0	26			302030	✓
CTBL MP20-50040520	50	40.5	2.0				302031	✓
CTBL MP20-60035520	60	35.5	2.0		302032	✓		
CTBL MP20-60040520	60	40.5	2.0	302033	✓			
CTBL MP20-60045520	60	45.5	2.0	302034	✓			
CTBL MP20-80025520	80	25.5	2.0	60	302035	✓		
CTBL MP20-80035520	80	35.5	2.0		302036	✓		

PG C6

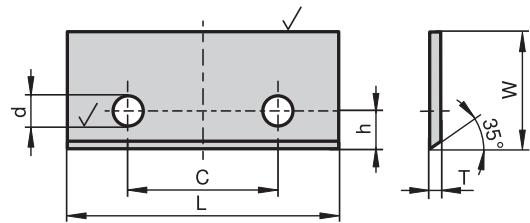
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL ST11- ...					□	▭	○○	◊	○○	△	
[mm]					KCR08 CTS08-KC d=4.5mm	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE	
L	W	T	h	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	
15	15.5	2.0	6.3	4.2	301047	357686	✓				
15	20.5	2.0			301048	357687	✓	300425			300401
15	25.5	2.0			301049	332287	✓	300426			300402
15	30.5	2.0			301050	357688	✓	300427	300449	300455	300403
20	20.5	2.0			301051	357689	✓	300428			300404
20	25.5	2.0			301052	332286	✓	300429			300405
20	30.5	2.0			301053	332289	✓	300430			300406
20	35.5	2.0			301054	357690	✓	300431	300450	300456	300407
25	20.5	2.0			301055	332288	✓	300432			300408
25	25.5	2.0			301056	357691	✓	300433			300409
25	30.5	2.0			301057	332290	✓	300434			300410
25	35.5	2.0			301058	357692	✓	300435	300451	300457	300411
30	20.5	2.0			301059	357693	✓	300436			300412
30	25.5	2.0			301060	332291	✓	300437			300413
30	30.5	2.0			301061	332292	✓	300438			300414
30	35.5	2.0			301062	357694	✓	300439			300415
30	40.5	2.0			301063	300400	✓	300440	300452	300458	300416
35	20.5	2.0			301064	357695	✓	300441			300417
35	25.5	2.0			301065	357696	✓	300442			300418
35	30.5	2.0			301066	357697	✓				2002624
35	35.5	2.0	301067	332990	✓	300443	300453	300459	300419		
35	40.5	2.0	301068	357698	✓						
40	25.5	2.0				357699					
40	30.5	2.0				357700					
40	35.5	2.0				357701					
40	40.5	2.0				357702					

PG C4

Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar

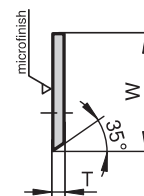
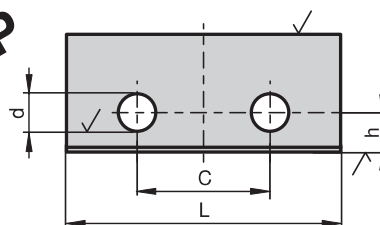


STYLE CTBL ST21- ...						□	▭	○○	◌	○○	△	
[mm]						KCR08 CTS08-KC d=4.5mm	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE	
L	W	T	C	h	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	
30	20.5	2.0	14	6.3		301069	2009340					
30	25.5	2.0				301070	357703					
30	30.5	2.0				301071	357704					
30	35.5	2.0				301072	357705					
35	25.5	2.0				301073	357706					
35	30.5	2.0				301074	357707					
35	35.5	2.0				301075	357708					
40	20.5	2.0				26	5.5	4.2		357709		
40	20.5	2.0	6.0		168838							
40	20.5	2.0	6.3	301076	331496		300619					300600
40	25.5	2.0	5.5		333079		300620					300601
40	25.5	2.0	6.3	301077	357710		300621					300602
40	30.5	2.0	5.5		333078		300622					300603
40	30.5	2.0	6.3	301078	357711		300623					300604
40	35.5	2.0	5.5		357712		300624				300645	300605
40	35.5	2.0	6.3	301079	357713		300625					300606
40	40.5	2.0	5.5		357714							
40	40.5	2.0	6.3	301080	357715		300626		300638	300646		300607
50	20.5	2.0	5.5		301081		331497		300627			300608
50	25.5	2.0	6.3				331621					
50	25.5	2.0	6.0	301082	357716							2015962
51	26.5	2.0	5.5				357717					
51	26.5	2.0	6.3				357718					
50	30.5	2.0	6.3	301083	357719		300628		300639	300647		300609
50	35.5	2.0		301084	357720							300610
50	40.5	2.0		301085	357721		300629		300640	300648		300611
52	27.5	2.0	6.0				168839					
60	25.5	2.0	6.3	301086	331498	300630				300612		
60	30.5	2.0	6.3	301087	357722	300631	300641	300649		300613		
60	35.5	2.0		301088	357723	300632						
60	39.5	2.0	44	6.0	301089	168840				300614		
60	40.5	2.0	26		301090	331499	300634	300643	300651	300615		
60	40.5	2.0	44				300633	300642	300650			
70	25.5	2.0	26	6.3	301091	357724						
70	30.5	2.0			301092	357725					2002516	
70	35.5	2.0			301093	357726	300635	300644			300616	
70	35.5	2.0			44	301094	2018987					
80	25.5	2.0	60		301095	357727				2002633		
80	30.5	2.0			301096	357728						
80	35.5	2.0			301097	357729	300636				300617	
80	40.5	2.0			301098	357730	300637				300618	

PG C4

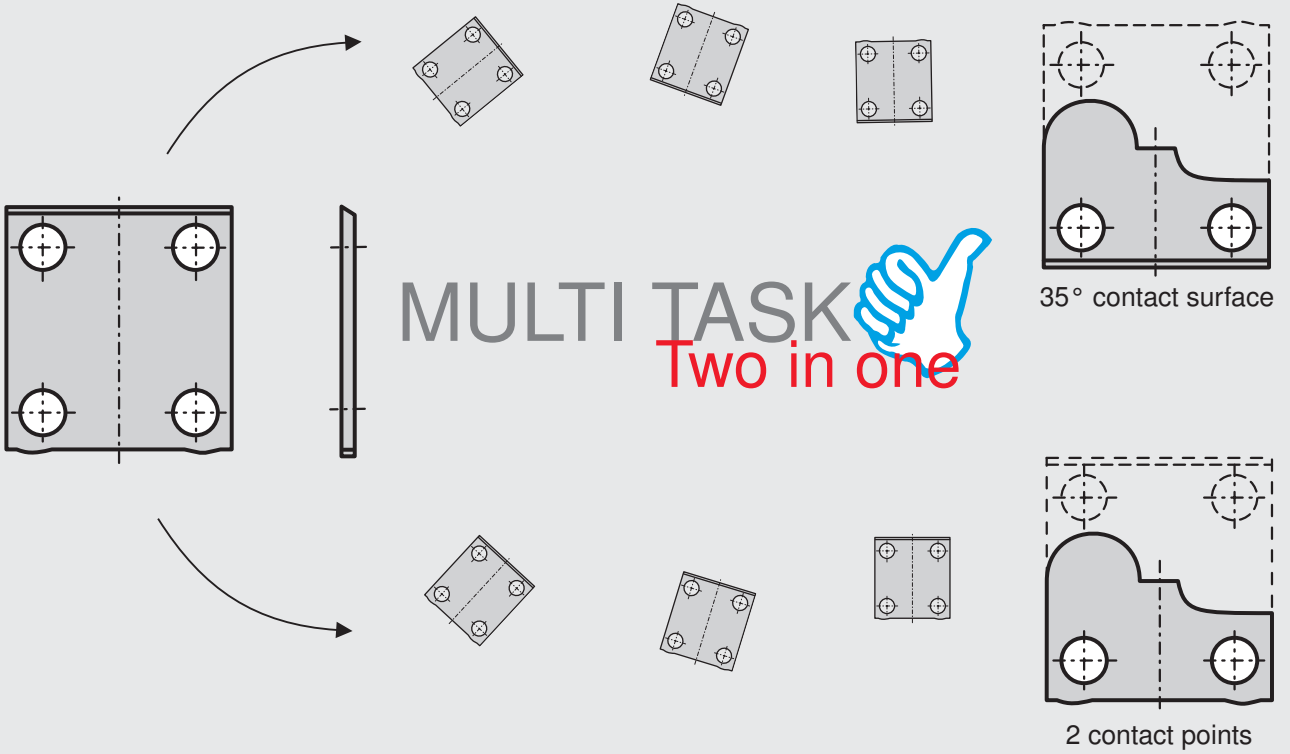
Blanks for profiling
 Blanketts zum Profilieren
 Plaquettes à profiler
 Coltelli a profilare
 Placas para perfilar

NEW GENERATION
MULTI PURP



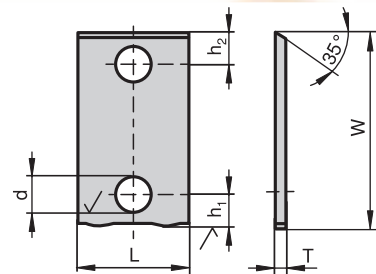
STYLE CTBL MP21 ...								
<i>microfinish</i>	[mm]						KCR08 CTS08-KC	
	Ordering code	L	W	T	C	h		d
CTBL MP21-30020520	30	20.5	2.0	14	5.9	5.2	302055	✓
CTBL MP21-30025520	30	25.5	2.0				302056	✓
CTBL MP21-30030520	30	30.5	2.0				302057	✓
CTBL MP21-30035520	30	35.5	2.0				302058	✓
CTBL MP21-35025520	35	25.5	2.0				302059	✓
CTBL MP21-35030520	35	30.5	2.0				302060	✓
CTBL MP21-35035520	35	35.5	2.0				302061	✓
CTBL MP21-40020520	40	20.5	2.0	26	5.9	5.2	302062	✓
CTBL MP21-40025520	40	25.5	2.0				302063	✓
CTBL MP21-40030520	40	30.5	2.0				302064	✓
CTBL MP21-40035520	40	35.5	2.0				302065	✓
CTBL MP21-40040520	40	40.5	2.0				302066	✓
CTBL MP21-50020520	50	20.5	2.0				302067	✓
CTBL MP21-50025520	50	25.5	2.0				302068	✓
CTBL MP21-50030520	50	30.5	2.0				302069	✓
CTBL MP21-50035520	50	35.5	2.0				302070	✓
CTBL MP21-50040520	50	40.5	2.0				302071	✓
CTBL MP21-60025520	60	25.5	2.0	44	5.9	5.2	302072	✓
CTBL MP21-60030520	60	30.5	2.0				302073	✓
CTBL MP21-60035520	60	35.5	2.0				302074	✓
CTBL MP21-60039520	60	39.5	2.0				302075	✓
CTBL MP21-60040520	60	40.5	2.0				302076	✓
CTBL MP21-70025520	70	25.5	2.0	26	5.9	5.2	302077	✓
CTBL MP21-70030520	70	30.5	2.0				302078	✓
CTBL MP21-70035520	70	35.5	2.0				302079	✓
CTBL MP21-70035520 C=44	70	35.5	2.0				44	302080
CTBL MP21-80025520	80	25.5	2.0	60	5.9	5.2	302081	✓
CTBL MP21-80030520	80	30.5	2.0				302082	✓
CTBL MP21-80035520	80	35.5	2.0				302083	✓
CTBL MP21-80040520	80	40.5	2.0				302084	✓

PG C7



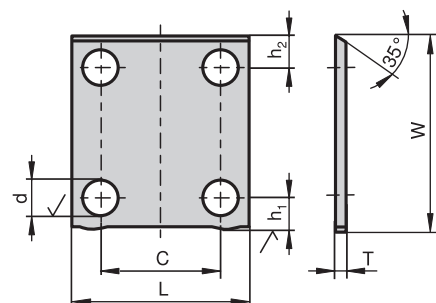
Blanks for profiling
 Blanketts zum Profilieren
 Plaquettes à profiler
 Coltelli a profilare
 Placas para perfilar

NEW GENERATION
MULTI TASK

STYLE CTBL MT11 ...								
Ordering code	[mm]						KCR08 CTS08-KC	
	L	W	T	h ₁	h ₂	d		
CTBL MT11-20040520	20	40.5	2.0	6.5	5.9	5.2	301300	■
CTBL MT11-25045520	25	45.5	2.0				301301	■
CTBL MT11-30040520	30	40.5	2.0				301302	■

PG B8

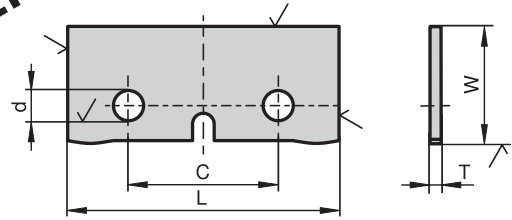


STYLE CTBL MT21 ...									
Ordering code	[mm]						KCR08 CTS08-KC		
	L	W	T	C	h ₁	h ₂		d	
CTBL MT21-30040520	30	40.5	2.0	14	6.5	5.9	5.2	301303	■
CTBL MT21-40040520	40	40.5	2.0	26				301304	■
CTBL MT21-50040520	50	40.5	2.0					301305	■

PG B8

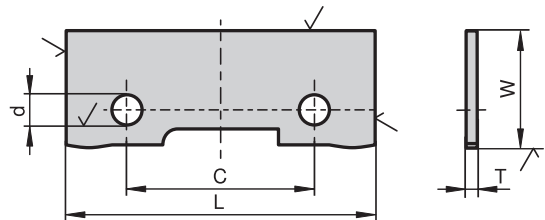
Blanks for profiling
 Blanketts zum Profilieren
 Plaquettes à profiler
 Coltelli a profilare
 Placas para perfilar

SUPERPROFILER



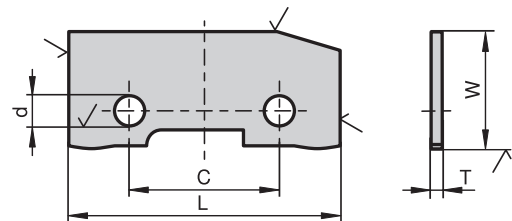
STYLE CTBL SP20- ...					□	▭	○		○○	△
[mm]					KCR08 CTS08-KC	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE
L	W	T	C	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
30.8	25.5	1.5	20	4.0		171167	330712			

PG C8



STYLE CTBL SP20- ...					□	▭	○		○○	△							
50.7	34.5	1.5	35	4.0		171145											
40.6	28.2	1.5	28		301115	✓	166732	✓	330307	■	300312	■	300316	✓	300302	✓	
40.6	28.2	2.0		301116	✓	300300	✓	330308	■	300313	■	300317	■	300317	■	300303	✓
40.6	40.6	2.0		5.0			330853	■	330852	■					358651	■	
60.8	30.2	1.5	48	4.0	301117	✓	166733	✓	330309	■	300314	■	300318	■	300304	✓	
60.6	30.2	2.0					300301	■	330310	■	300315	■	300319	■	300305	✓	
60.6	45.6	2.0	45	5.0	301118	✓	167058	✓	330311	■				300306	✓		
80.6	45.6	2.0	65	6.0	301119	✓	167987	✓	167988	■							

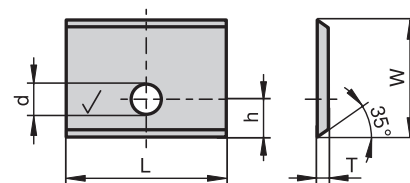
PG C8



STYLE CTBL SP20- ...					□	▭	○		○○	△
50.3	45.6	2.0	35	5.0		171142				

PG C8

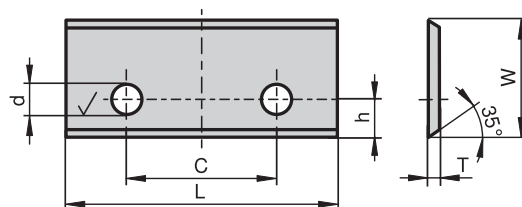
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL ST12- ...															
[mm]					HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE						
L	W	T	h	d	Ordering code		Ordering code		Ordering code						
15	20	2.0	6.3	4.2	357731	■	300710	■			300700	■			
15	30	2.0							300720	■	300730	■			
20	20	2.0					357732	■	300711	■			300701	■	
20	25	2.0									300726	■			
20	30	2.0					357733	■	300712	■			300702	■	
20	35	2.0							300721	■					
25	20	2.0					357734	■	300713	■			300703	■	
25	25	2.0					357735	■	300714	■			300704	■	
25	30	2.0					357736	■	300715	■			300705	■	
25	35	2.0							300722	■	300727	■			
30	25	2.0					357737	■	300716	■			300706	■	
30	35	2.0					357738	■	300717	■			300707	■	
30	40	2.0							300723	■	300728	■			
35	30	2.0					357739	■	300718	■	300724	■	300708	■	
35	35	2.0					357740	■	300719	■		300729	■	300709	■

PG C5

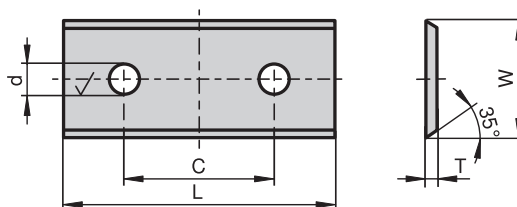
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL ST22- ...											
[mm]						HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE	
L	W	T	C	h	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	
40	20	2.0	26	5.5	4.2	357741 ■					
40	20	2.0		6.3		300800 ■					
40	25	2.0		5.5		300801 ■					
40	25	2.0		6.3			300834 ■	300847 ■	300854 ■	300821 ■	
40	25.4	2.0		6.0		357746 ■	300833 ■				300820 ■
40	30	2.0		5.5		357743 ■					
40	30	2.0		6.3			300835 ■	300848 ■	300855 ■	300822 ■	
40	32	2.0		6.3		300802 ■					
40	35	2.0		5.5		357744 ■	300836 ■	300849 ■	300856 ■	300823 ■	
40	35	2.0		6.3		300803 ■	300837 ■	300850 ■	300857 ■	300824 ■	
40	40	2.0		5.5		300804 ■					
40	40	2.0		6.3		300805 ■	300839 ■				300825 ■
45	35	2.0		5.5		300806 ■					
45	35	2.0		6.3		300807 ■					
50	25	2.0		5.5		357745 ■					
50	25	2.0		6.3		300808 ■					
50	30	2.0	300809 ■		300840 ■				300826 ■		
50	35	2.0	300810 ■								
50	40	2.0	300811 ■	300841 ■	300851 ■	300858 ■	300827 ■				
51	26	2.0	300812 ■								
60	18	2.0	5.5	300813 ■							
60	20	2.0		300814 ■							
60	20	2.0	44	300815 ■							
60	25	2.0	26	6.3	300816 ■	300842 ■			300828 ■		
60	25	2.0		5.5	300817 ■						
60	30	2.0		6.3	300818 ■	300843 ■				300829 ■	
60	35	2.0	300819 ■	300844 ■					300830 ■		
60	40	2.0	44	6.0	357747 ■						
60	40	2.0		6.3		300846 ■	300853 ■	300860 ■	300832 ■		
60	40	2.0	26	6.3		300845 ■	300852 ■	300859 ■	300831 ■		
60	40	2.0		6.5	357748 ■						

PG C5

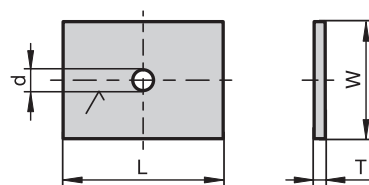
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL RV22- ...					□	▭	○○	▭	○○	△
[mm]					KCR08 CTS08-KC d=4.5mm	HC05 CTF08-HC	MG18 CTS20-HC	MG06 CTS06-HC	SMG02 CTU05-HC	HE40 CTU40-HE
L	W	T	C	d	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code	Ordering code
30	25	2.0		20		168871 ■	300933 ■	300944 ■		300921 ■
40	30	2.0			301099 ✓	168872 ✓				1103810 ■
40	30	2.0	26							300950 ■
40	32.6	2.0		20		300900 ■				
40	35	2.0				300901 ■				
40	35	2.0	26		301100 ✓	300902 ✓	300934 ■	300945 ■		300922 ■
40	37.8	2.0		20		300903 ■				
40	42.9	2.0			301101 ✓	300904 ✓				
42	32	2.0		26		300905 ■				
45	35	2.0				300906 ■				
50	16	2.0				300907 ■				
50	20	2.0				300908 ■	300935 ■			300923 ■
50	25	2.0				300909 ■	300936 ■			300924 ■
50	30	2.0			301102 ✓	300910 ✓	300937 ■	300946 ■		300925 ■
50	30	2.0				300911 ■	300938 ■			300926 ■
50	40	2.0			34		300912 ■	300939 ■		
50	45	2.0				168873 ■	300940 ■	300947 ■		300928 ■
51	26	2.0	26			300913 ■				
52	34	2.0	24			168828 ■				
60	20	2.0	26		301103 ✓	300914 ✓				
60	19	2.0	44			168835 ■				
60	25	2.0	26		301104 ✓	168836 ✓				
60	25	2.0	44			300915 ■				
60	30	2.0	26			300916 ■				
60	30	2.0	44			300917 ■	300941 ■	300948 ■		300930 ■
60	32.6	2.0	20			300918 ■				
60	35	2.0	26		301105 ✓	357749 ✓				
60	35	2.0	44		301106 ✓	168837 ✓	300942 ■			300931 ■
60	37.8	2.0	20			300919 ■				
60	40	2.0	44			300999 ■	300943 ■	300949 ■		300932 ■
60	42.9	2.0	20			300920 ■				

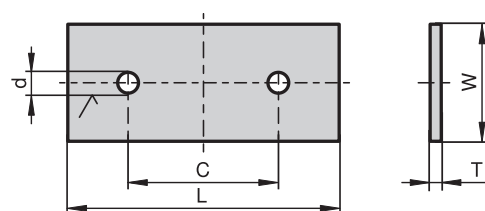
PG C5

Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL RV10- ...										
[mm]										
L	W	T	C	d		KCR08 CTS08-KC d=4.5mm		HC05 CTF08-HC		
						Ordering code		Ordering code		
24	22	2.0	-	4.2		301107	✓	168821	■	
28	24	2.0							168822	■
32	24	2.0							168823	■
36	28	2.0		4.1		301108	✓	168824	■	
40	26	2.0		4.2				168825	■	

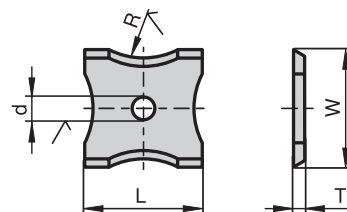
PG C5



STYLE CTBL RV20- ...									
L	W	T	C	d					
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42	32	2.0	24					168826	■
48	36	2.0							168827
52	34	2.0		4.1				168828	■

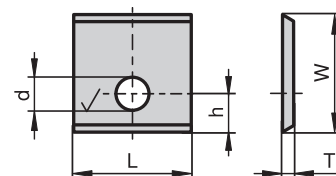
PG C5

Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



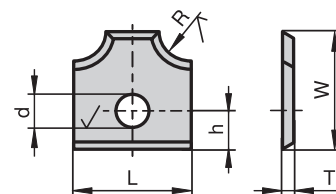
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[mm]									
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20	21	2.0	8			Ordering code	Ordering code		
26	24	2.0	12			301109	✓	239778	✓
						301110	✓	239775	✓
						301111	✓	239776	✓

PG C5



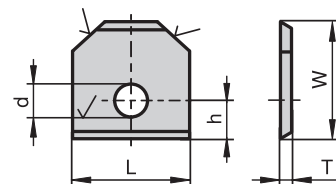
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16	17.5	2.0	-	6.5	4.5	301112	✓	300725	✓

PG C5



STYLE CTBL PF12- ...									
16	17.5	2.0	4.5	5.8	4.5	301113	✓	239724	✓

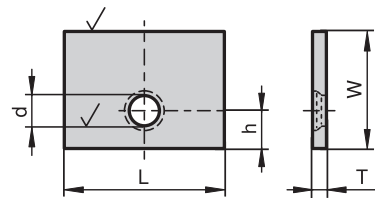
PG C5



STYLE CTBL PF12- ...									
16	17.5	2.0	-	5.5	4.2	301114	✓	332492	✓

PG C5

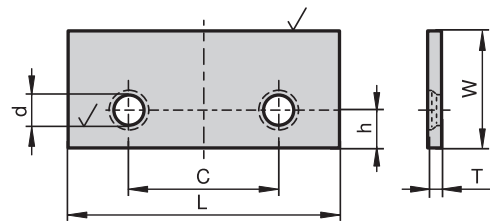
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL CH10- ...					□	○	○			
[mm]					KCR08 CTS08-KC	MG18 CTS20-HC	MG06 CTS06-HC			
L	W	T	h	d	Ordering code	Ordering code	Ordering code			
20	20.5	3.0	7.0	4.5	301120	✓	300542	■	300525	■
20	25.5	3.0			301121	✓	300543	■	300526	■
20	30.5	3.0			301122	✓	300544	■	300527	■
20	35.5	3.0			301123	✓	300545	■	300528	■
20	40.5	3.0			301124	✓	300546	■	300529	■
25	25.5	3.0			301125	✓	300547	■	300530	■
25	30.5	3.0			301126	✓	300548	■	300531	■
25	35.5	3.0			301127	✓	300549	■	300532	■
25	40.5	3.0			301128	✓	300550	■	300533	■
30	25.5	3.0			301129	✓	300551	■	300534	■
30	30.5	3.0			301130	✓	300552	■	300535	■
30	35.5	3.0			301131	✓	300553	■	300536	■
30	40.5	3.0			301132	✓	300554	■	300537	■
35	25.5	3.0			301133	✓	300555	■	300538	■
35	30.5	3.0			301134	✓	300556	■	300539	■
35	35.5	3.0			301135	✓	300557	■	300540	■
35	40.5	3.0	301136	✓	300558	■	300541	■		

PG B7

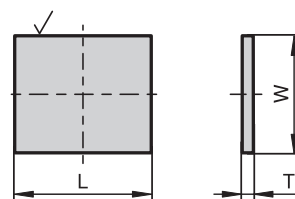
Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL CH20- ...						<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>				
[mm]						KCR08 CTS08-KC	MG18 CTS20-HC	MG06 CTS06-HC				
L	W	T	C	h	d	Ordering code	Ordering code	Ordering code				
40	20.5	3.0	28	7.0	4.5	301137	✓	300243	■	300262	■	
40	25.5	3.0				301138	✓	300244	■	300263	■	
40	30.5	3.0				301139	✓	300245	■	300264	■	
45	25.5	3.0				301140	✓	300246	■	300265	■	
45	30.5	3.0				301141	✓	300247	■	300266	■	
45	35.5	3.0				301142	✓	300248	■	300267	■	
55	25.5	3.0	41	6.0		301143	✓	300249	■	300268	■	
55	30.5	3.0				301144	✓	300250	■	300269	■	
55	35.5	3.0				301145	✓	300251	■	300270	■	
55	40.5	3.0				301146	✓	300252	■	300271	■	
65	20.5	3.0	28			6.0	301155	✓	300253	■	300272	■
65	25.5	3.0					301147	✓	300254	■	300273	■
65	30.5	3.0					301148	✓	300255	■	300274	■
65	35.5	3.0					301149	✓	300256	■	300275	■
65	40.5	3.0					301150	✓	300257	■	300276	■
80	25.5	3.0					66	301151	✓	300258	■	300277
80	30.5	3.0	301152					✓	300259	■	300278	■
80	35.5	3.0	301153					✓	300260	■	300279	■
80	40.5	3.0	301154	✓	300261			■	300280	■		

PG B7

Blanks for profiling
Blanketts zum Profilieren
Plaquettes à profiler
Coltelli a profilare
Placas para perfilar



STYLE CTBL WH00- ...				<input type="checkbox"/>	<input type="checkbox"/>		
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L	W	T		Ordering code	Ordering code		
15	15.5	2.0			300000	■	
15	20.5	2.0			300001	■	
20	20.5	2.0			300002	■	
20	25.5	2.0			300003	■	
20	30.5	2.0		301000	✓	300004	■
20	35.5	2.0			300005	■	
25	20.5	2.0			300006	■	
25	25.5	2.0			300007	■	
25	30.5	2.0			300008	■	
25	35.5	2.0		301001	✓	300009	■
30	20.5	2.0			300010	■	
30	25.5	2.0			300011	■	
30	30.5	2.0			300012	■	
30	35.5	2.0		301002	✓	300013	■
30	40.5	2.0			300014	■	
35	20.5	2.0			300015	■	
35	25.5	2.0			300016	■	
35	35.5	2.0			300017	■	
35	40.5	2.0			300018	■	
40	20.5	2.0			300019	■	
40	25.5	2.0			300020	■	
40	30.5	2.0			300021	■	
40	35.5	2.0			300022	■	
40	40.5	2.0		301003	✓	300023	■
45	30.5	2.0			300024	■	
45	35.5	2.0			300025	■	
50	20.5	2.0			300026	■	
50	25.5	2.0			300027	■	
50	30.5	2.0		301004	✓	300028	■
50	40.5	2.0			300029	■	
50	45.5	2.0			300030	■	
60	20.5	2.0			300031	■	
60	25.5	2.0			300032	■	
60	30.5	2.0			300033	■	
60	35.5	2.0			300034	■	
60	40.5	2.0		301005	✓	300035	■
80	25.5	2.0			300036	■	
80	35.5	2.0		301006	✓	300037	■
80	45.5	2.0			300038	■	

PG C4

Headquarters: CERATIZIT S.A.

Main site Luxembourg
CERATIZIT Luxembourg Sarl
Route de Holzem, B.P. 51
L-8201 Mamer
Tel.: +352 312 085-1
Fax: +352 311 911
E-Mail: info@ceratizit.com

Main site Austria
CERATIZIT Austria Gesellschaft m.b.H.
A-6600 Reutte/Tyrol
Tel.: +43 (5672) 200-0
Fax: +43 (5672) 200-502
E-Mail: info.austria@ceratizit.com



www.ceratizit.com

Sales Companies**Austria**

CERATIZIT Austria Gesellschaft m.b.H.
A-6600 Reutte/Tyrol
Tel.: +43 (5672) 200-0
Fax: +43 (5672) 200-502
E-Mail: info.austria@ceratizit.com

Bulgaria

CERATIZIT Bulgaria AG
Boulevard Stoletov 157
BG-5301 Gabrovo
Tel: +359 (66) 803-811
Fax: +359 (66) 801 608
E-Mail: info.bulgaria@ceratizit.com

China

CERATIZIT China Ltd.
Room 1201-1204
Hollywood Centre
233 Hollywood Rd., Sheung Wan
Hong Kong
Tel.: +852 (2542)-1838
Fax: +852 (2854) 3777
E-Mail: info.china@ceratizit.com.hk

France

CERATIZIT France Sarl
Office Pontoise
20, Rue Lavoisier
F-95300 Pontoise
Tel.: +33 (1) 3433-3180
Fax: +33 (1) 3030-9339
E-Mail: info.france@ceratizit.com

CERATIZIT France Sarl
Office Lyon
Parc de L'Artillerie
5, Espace Henri Vallée
F-69007 Lyon
Tel.: +33 (4) 72 76 86 50
Fax: +33 (4) 72 76 86 51
E-Mail: info.lyon@ceratizit.com

Germany

CERATIZIT Deutschland GmbH
Office Langenfeld
Hans-Böckler-Straße 10
D-40764 Langenfeld
Tel.: +49 (2173) 97 25-0
Fax: +49 (2173) 97 25-25
E-Mail: info.deutschland@ceratizit.com

CERATIZIT Deutschland GmbH
Büro Dettingen
Karlstraße 80
D-72581 Dettingen
Tel.: +49 (7123) 9201-0
Fax: +49 (7123) 9201-210
E-Mail: info.dettingen@ceratizit.com

CERATIZIT Horb GmbH
Stadionstraße
D-72160 Horb
Tel.: +49 (7451) 522 0
Fax: +49 (7451) 522 288
E-Mail: info.horb@ceratizit.com

CERATIZIT Logistik GmbH
Daimlerstraße 70
D-87437 Kempten
Tel.: +49 (831) 570 11-0
Fax: +49 (831) 570 11-3811
E-Mail: info.logistik@ceratizit.com

Great Britain

CERATIZIT UK Ltd.
Cliff Lane
Grappenhall
Warrington WA4 3JX
Tel.: +44 (1925) 261-161
Fax: +44 (1925) 267-933
E-Mail: info.uk@ceratizit.com

India

CERATIZIT India Pvt. Ltd.
58, Motilal Gupta Road
Barisha
IN-700 008 Kolkata
Tel.: +91 (33) 2494-5435
Fax: +91 (33) 2494-1472
Telex: 021 8142 ihm in
E-Mail: info.india@ceratizit.com

Italy

CERATIZIT Italia SpA
Piazza F. Martelli, 7
I-20162 Milano
Tel.: +39 (02) 6441-111
Fax: +39 (02) 6611-6040
E-Mail: info.italia@ceratizit.com

Japan

CERATIZIT Japan Ltd.
3-13-9, Mizuho
Shizuoka 421 – 0115
Tel.: +81 (54) 268 1060
Fax: +81 (54) 257 8181
E-Mail: info.japan@ceratizit.com

Luxembourg

CERATIZIT Luxembourg Sarl
Route de Holzem, B.P. 51
L-8201 Mamer
Tel.: +352 312 085-1
Fax: +352 311 911
E-Mail: info@ceratizit.com

Netherlands

CERATIZIT Nederland B.V.
Bergrand 22A
NL-4707 AT Roosendaal
Tel.: +31 (165) 55 08 00
Fax: +31 (165) 55 61 76
E-Mail: info.nederland@ceratizit.com

Spain

CERATIZIT Ibérica SL
Office Pozuelo
Vía de las Dos Castillas, 9c
Portal 2, Bajo B
E-28224 Pozuelo (Madrid)
Tel.: +34 (91) 351-0609
Fax: +34 (91) 351-2813
E-Mail: info.iberica@ceratizit.com

CERATIZIT Ibérica SL
Office Bilbao
Avda. Mazarredo 41 1 Izqda.
E-48009 Bilbao
Tel.: +34 (944) 23 71 18
Fax: +34 (944) 23 97 18
E-Mail: info.bilbao@ceratizit.com

Switzerland

CERATIZIT Schweiz AG
Solithurnstrasse 68
CH-2504 Biel
Tel.: +41 (32) 344 93 93
Fax: +41 (32) 344 93 94
E-Mail: info.schweiz@ceratizit.com

USA

CERATIZIT USA Inc.
777 Old Clemson Road
Columbia
South Carolina 29229
Toll free: +1 (800) 334 1165
Tel.: +1 (803) 736 1900
Fax: +1 (803) 736 1902
E-Mail: info.usa@ceratizit.com



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hard material matters



We reserve the right to make technical changes for improvement of the product.

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