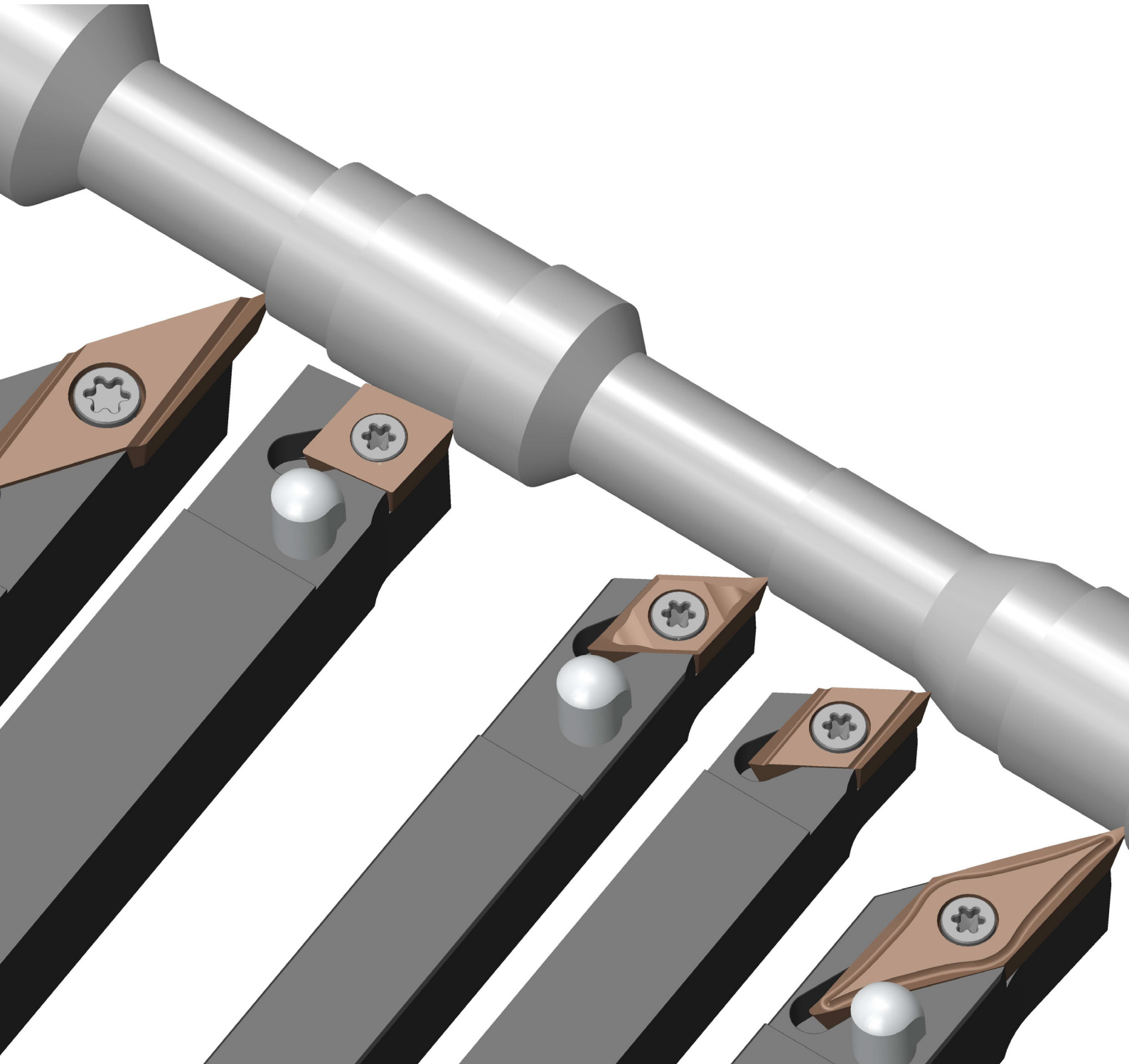


DIAMETAL®

ISO
DE·EN

ISO

ISO-Standard für
Aussen- und Innendrehen
*Standardized ISO-program
for exterior and interior turning*





ISO

Inhaltsverzeichnis
Table of contents

ISO

Kodierung
Codification

ISO

Anwendungen
Applications

ISO

Stärken
Strengths

SHAPE C

Werkzeughalter und Wendeschneidplatten C (80°)
Toolholders and inserts C (80°)

SHAPE D

Werkzeughalter und Wendeschneidplatten D (55°)
Toolholders and inserts D (55°)

SHAPE V

Werkzeughalter und Wendeschneidplatten V (35°)
Toolholders and inserts V (35°)

ISO

Ersatzteile und Zubehör
Spare parts and accessories

177

178

182

186

187

196

209

222

01	02	03	04	05	06	07	08	09	10	11	Art. N°
C	C	G	T	06	02	005	F	N	GB03	DWS	447429

01 Form
Shape



07 Radius
Radius



02 Freiwinkel
Clearance angle

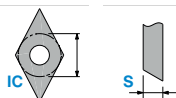


	C	B	P
α	7°	5°	11°

08 Ausführung der Schneide
Cutting edge execution



03 Toleranzklasse
Tolerance class



	E	G	M
IC	± 0.025	± 0.025	± 0.050
S	± 0.025	± 0.130	± 0.130

09 Richtung
Direction



04 Befestigung und Spanbrecher
Clamping and chipbreaker



10 Schneidengeometrie
Cutting geometry

05 Schneidenlänge
Cutting length



11 Nuance
Grade

06 Dicke
Thickness



01	02	03	04	05	06	07	08	09	10	Art. N°
S	C	L	C	R	10	10	J	06	C	447555

01 Klemmsystem
Locking system



07 Breite des Werkzeughalters
Toolholder width



02 Wendeschneidplattenform
Insert shape

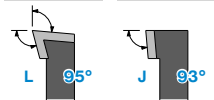


08 Länge des Werkzeughalters
Toolholder length



	J	X
L	110	Special

03 Anstellwinkel
Setting angle



09 Schneidenlänge
Cutting length

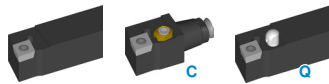


04 Freiwinkel
Clearance angle

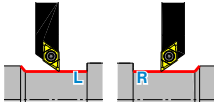


	C
α	7°

10 Ausführung
Execution



05 Richtung
Direction

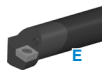


06 Höhe des Werkzeughalters
Toolholder height



01	02	03	04	05	06	07	08	09	Art. N°
E	08	K	S	C	L	C	L	06	450216

01 Werkzeughalter-Ausführung
Toolholder execution



Hartmetall mit Innenkühlung
Carbide with integrated coolant

07 Freiwinkel
Clearance angle

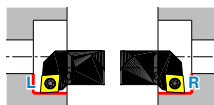


	C
α	7°

02 Durchmesser des Werkzeughalters
Toolholder diameter



08 Richtung
Direction



03 Länge des Werkzeughalters
Toolholder length



	K	M	Q
L	125	150	180

09 Schneidenlänge
Cutting length



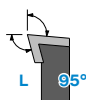
04 Klemmsystem
Locking system



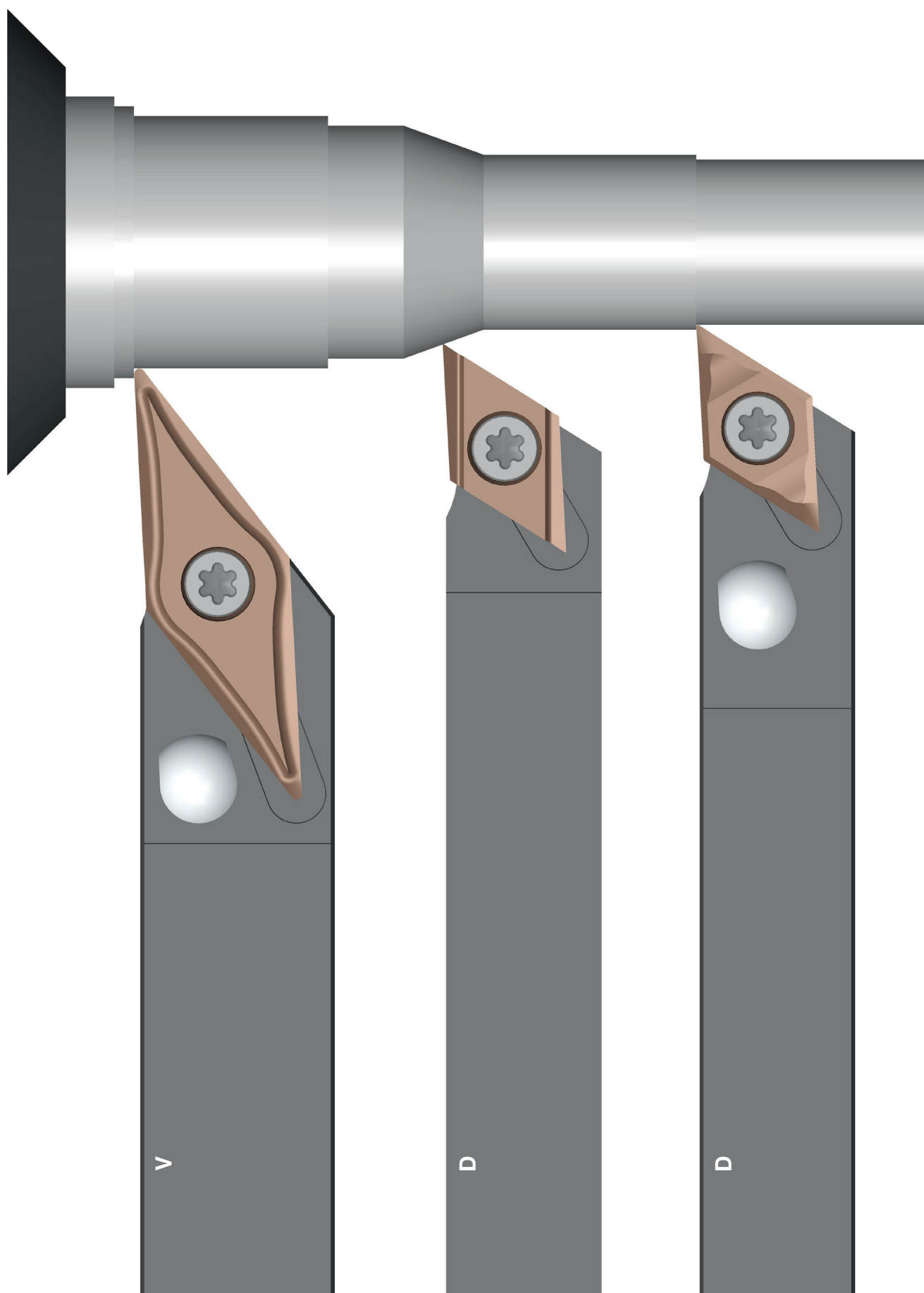
05 Wendeschneidplattenform
Insert shape

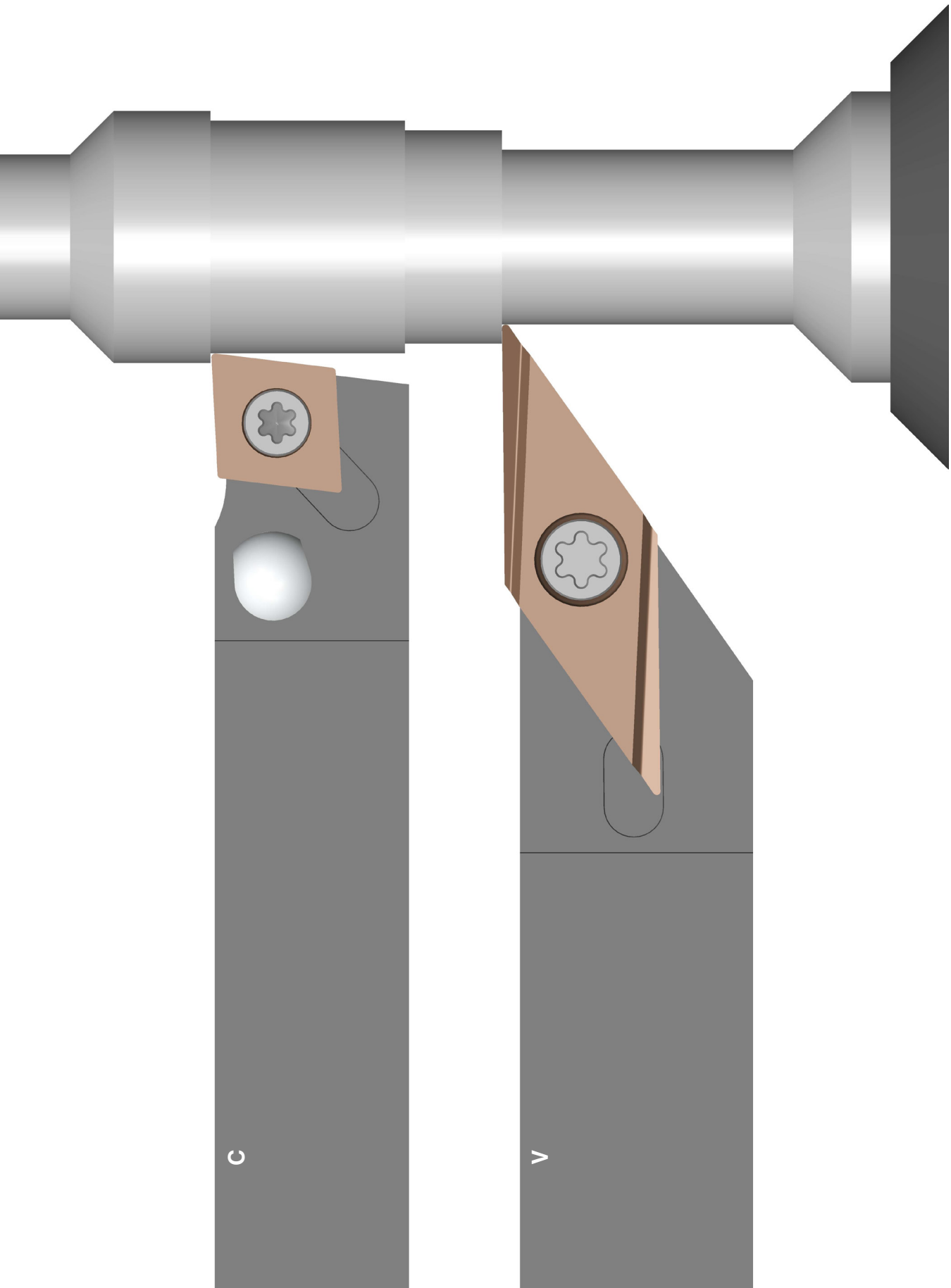


06 Anstellwinkel
Setting angle









Bezeichnung
Designation



Bezeichnung
Designation

GB03

GB12

GG19

GM15

GG30

Schruppen
Roughing

► ►

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-

Schlichten
Finishing

► ► ►

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Seite Form C
Page Form C

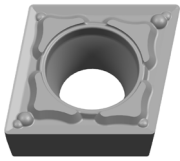
Seite Form D
Page Form D

Seite Form V
Page Form V

ISO	Werkstoffe Materials
P1	Automatenstahl Free-cutting steel
P2	Automatenstahl bleifrei Lead-free free-cutting steel
P3	Unlegierter Stahl (Rm < 800 N/mm ²) Unalloyed steel (Rm < 800 N/mm ²)
P4	Niedriglegierter Stahl (Rm < 900 N/mm ²) Low alloy steel (Rm < 900 N/mm ²)
P5	Hochlegierter Stahl (Rm < 1200 N/mm ²) High alloy steel (Rm < 1200 N/mm ²)
M1	Ferritischer rostfreier Stahl Ferritic stainless steel
M2	Martensitischer rostfreier Stahl Martensitic stainless steel
M3	Austenitischer rostfreier Stahl Austenitic stainless steel
K1	Gusseisen Cast iron
N1	Aluminiumguss Cast aluminum
N2	Aluminium Legierungen Aluminum alloys
N3	Messing, Bronze Brass, Bronze
N4	Messing bleifrei Lead-free brass
N5	Kupfer Copper
N6	Edelmetalle Precious metals
N7	Platin, Palladium Platinum, Palladium
N8	Kunststoffe Plastics
S1	Titan rein Pure Titanium
S2	Titan Legierungen Titanium alloys
S3	Super Legierungen (Cr, Co, Ni) Superalloys (Cr, Co, Ni)
H1	Gehärteter Stahl (< 55 HRC) Hardened steel (< 55 HRC)
H2	Gehärteter Stahl (> 55 HRC) Hardened steel (> 55 HRC)

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GP15	GA25	DG15	DS15	DN12	DR12	DV15
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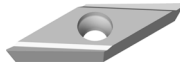


Schruppen bis Schlichten

Mit den unterschiedlichen Radien und Spanbrechern an den Wendeschneidplatten, sind alle Operationen vom Schruppen bis zum Schlichten möglich.

From roughing to superfinishing

The different radius and chipbreakers of the inserts allow all machining operations from roughing to superfinishing.



Geschliffene oder gesinterte Spanbrecher: immer die beste Wahl

Das ISO-Programm bietet Wendeschneidplatten mit gesinterten sowie geschliffenen Spanbrechern an. Es ermöglicht eine vielfältige Auswahl für die Fertigung von verschiedenen Materialien.

Ground or rough chipbreakers: always the most appropriate choice

The ISO program offers inserts with sintered and ground chipbreaker, so that the best solution for machining different materials can always be found.



Aussen- und Innenbearbeitung

Das ISO-Programm bietet Werkzeughalter für die Aussenbearbeitung sowie Bohrstangen aus Hartmetall ab Ø8 mm für die Innenbearbeitung an.

External and internal turning

The ISO program offers both toolholders for external turning and carbide boring bars from Ø8 mm for internal machining.

CERMET

Schlichten mit Cermet-Wendeschneidplatten

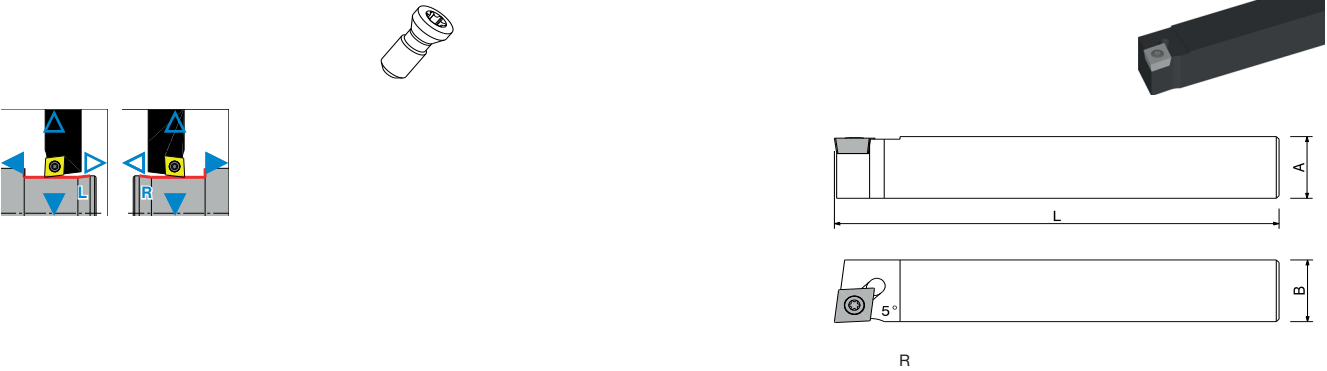
Das ISO-Programm bietet verschiedene Cermet-Wendeschneidplatten, die sich besonders für Feinbearbeitungen, bei denen eine sehr hohe Oberflächengüte in Kohlenstoff- und niedrig legierten Stählen erforderlich ist.

Finishing with cermet inserts

The ISO program offers various cermet inserts, particularly suitable for finishing operations requiring very high surface quality on carbon and low-alloy steels.

SCLC

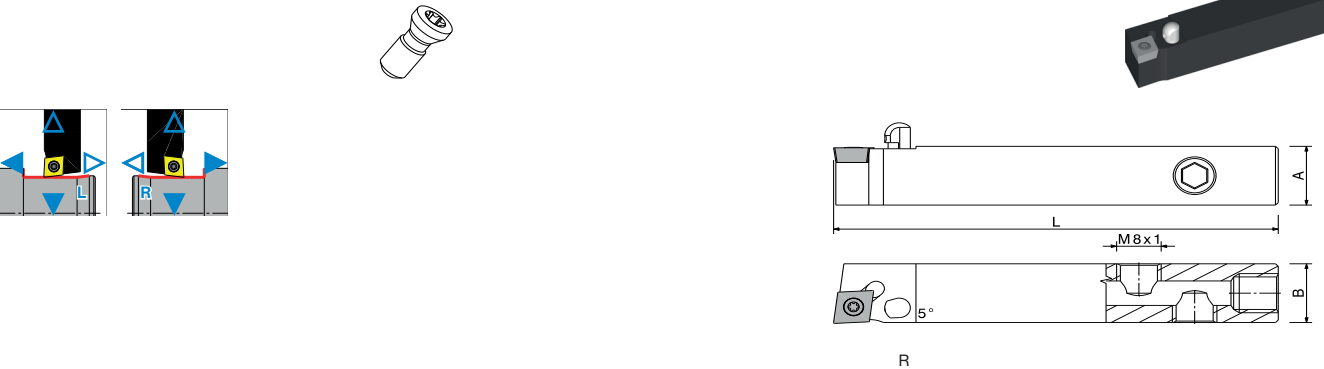
Werkzeughalter für C-Wendeschneidplatten
Toolholder for C inserts



Wendeschneidplatten <i>Inserts</i>	Bezeichnung <i>Designation</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL				
CC**0602**	SCLCL/R 0808X 06	8 x 8 x 115	447515	447550
CC**0602**	SCLCL/R 1010X 06	10 x 10 x 115	447557	447551
CC**0602**	SCLCL/R 1212X 06	12 x 12 x 130	447558	447552
SCLCR				
CC**09T3**	SCLCL/R 1212X 09	12 x 12 x 130	447559	447553
CC**09T3**	SCLCL/R 1616X 09	16 x 16 x 130	447560	447554

SCLC-C

Werkzeughalter für C-Wendeschneidplatten mit Innenkühlung
Toolholder for C inserts with integrated coolant



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL-C				
CC**0602**	SCLCL/R 1010J 06-C	10 x 10 x 110	447672	447555
CC**0602**	SCLCL/R 1212J 06-C	12 x 12 x 110	447673	447556
SCLCR-C				
CC**09T3**	SCLCL/R 1212J 09-C	12 x 12 x 110	447674	447618
CC**09T3**	SCLCL/R 1616J 09-C	16 x 16 x 110	447675	447619

SCLC-Q

Schnellwechselköpfe für C-Wendeschneidplatten mit Innenkühlung
Toolholder with quick-change heads and integrated coolant for C inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL-Q				
CC**0602**	SCLCL/R 1010X 06-Q	10 x 10 x 20	447676	447620
CC**0602**	SCLCL/R 1212X 06-Q	12 x 12 x 20	447677	447621
SCLCR-Q				
CC**09T3**	SCLCL/R 1212X 09-Q	12 x 12 x 25	447678	447622
CC**09T3**	SCLCL/R 1616X 09-Q	16 x 16 x 25	447679	447623

Q

Grundhalter für Schnellwechselköpfe
Tool holder for quick interchangeable heads



A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

E SCLC

Hartmetall-Bohrstangen für C-Wendeschneidplatten mit Innenkühlung
Carbide boring bars with integrated coolant for C inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
E SCLCL						
CC**0602**	E08K SCLCL/R 06	8 x 125	9.0	5.0	450216	450220
CC**0602**	E10M SCLCL/R 06	10 x 150	12.0	7.0	450218	450222
CC**0602**	E12Q SCLCL/R 06	12 x 180	15.0	9.0	450219	450223
E SCLCR						
CC**09T3**	E12Q SCLCL/R 09	12 x 180	15.0	9.0	450224	450225

Werkzeughalter mit Schraube & Schraubenzieher geliefert
Toolholder provided with screw & screwdriver

CCGT FN-GB03

Vielseitig einsetzbare Wendeschneidplatten mit hochfesten Schneidkanten
Multi-purpose inserts with high-strength cutting edges

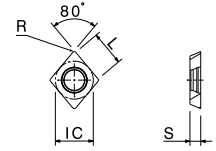
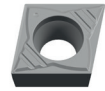
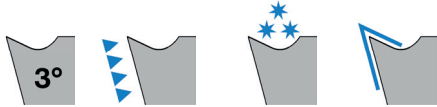


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	IC	L	S	R	DWS Art. N°
----------------------------	----	---	---	---	----------------

CCGT FN-GB03

CCGT 0602005 FN-GB03	6.350	6.50	2.38	0.05	447429
CCGT 060201 FN-GB03	6.350	6.50	2.38	0.10	447430
CCGT 060202 FN-GB03	6.350	6.50	2.38	0.20	447431
CCGT 09T301 FN-GB03	9.525	9.70	3.97	0.10	447432
CCGT 09T302 FN-GB03	9.525	9.70	3.97	0.20	447433
CCGT 09T304 FN-GB03	9.525	9.70	3.97	0.40	447434

CCGT FN-GB12

Wendeschneidplatten mit scharfer Schneidkante und Spankontrolle
Inserts with sharp cutting edge and chip control

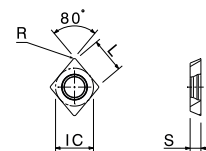


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	IC	L	S	R	DWS Art.N°
----------------------------	----	---	---	---	---------------

CCGT FN-GB12

CCGT 0602005 FN-GB12	6.350	6.50	2.38	0.05	447435
CCGT 060201 FN-GB12	6.350	6.50	2.38	0.10	447436
CCGT 060202 FN-GB12	6.350	6.50	2.38	0.20	447437
CCGT 09T301 FN-GB12	9.525	9.70	3.97	0.10	447438
CCGT 09T302 FN-GB12	9.525	9.70	3.97	0.20	447440
CCGT 09T304 FN-GB12	9.525	9.70	3.97	0.40	447441

CCGT EN-GG19

Schrupp-Wendeschneidplatten mit verstärkten Schneidkanten
Roughing inserts with reinforced cutting edges

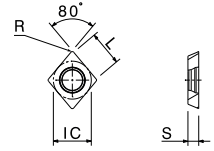
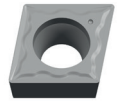
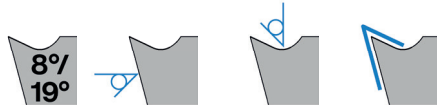


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung <i>Designation</i>	IC	L	S	R	DWX Art. N°
-----------------------------------	----	---	---	---	----------------

CCGT EN-GG19

CCGT 060202 EN-GG19	6.350	6.50	2.38	0.20	447447
CCGT 060204 EN-GG19	6.350	6.50	2.38	0.40	447448
CCGT 060208 EN-GG19	6.350	6.50	2.38	0.80	447449
CCGT 09T301 EN-GG19	9.525	9.70	3.97	0.10	447450
CCGT 09T302 EN-GG19	9.525	9.70	3.97	0.20	447451
CCGT 09T304 EN-GG19	9.525	9.70	3.97	0.40	447452
CCGT 09T308 EN-GG19	9.525	9.70	3.97	0.80	447453

CCMT EN-GM15

Hochleistungs-Schruppwendeschneidplatten
High-performance roughing inserts

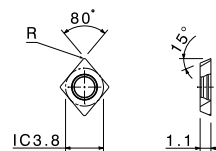
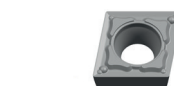
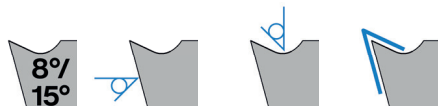


P1	P2	P3	P4	P5	M1	M2	M3	N1	N2
N3	N4	N5	N6	N7		S1	S2		

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	IC	L	S	R	DWX Art. N°
----------------------------	----	---	---	---	----------------

CCMT EN-GM15

CCMT 060202 EN-GM15	6.350	6.50	2.38	0.20	447461
CCMT 060204 EN-GM15	6.350	6.50	2.38	0.40	447462
CCMT 060208 EN-GM15	6.350	6.50	2.38	0.80	447463
CCMT 09T302 EN-GM15	9.525	9.70	3.97	0.20	447464
CCMT 09T304 EN-GM15	9.525	9.70	3.97	0.40	447465
CCMT 09T308 EN-GM15	9.525	9.70	3.97	0.80	447466

CCGX FN-GA25

Polierte Wendeschneidplatten für die Bearbeitung von Aluminiumlegierungen
Polished inserts for machining aluminum alloys



N1 N2

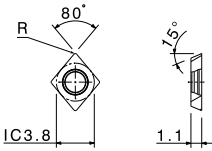
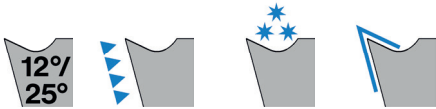
N3 N4 N5 N6 N7 N8 S1 S2 S3

Schruppen
Roughing

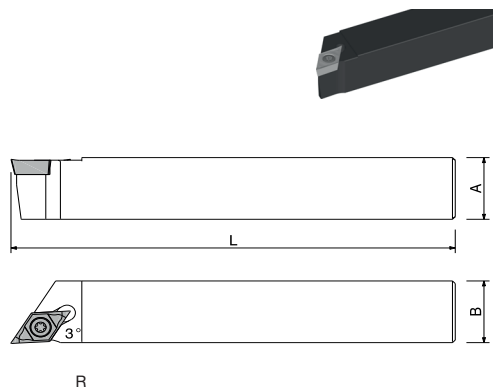
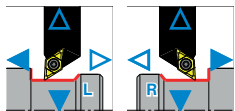
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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	Unbeschichtet Uncoated Art. N°
CCGX FN-GA25					
CCGX 060202 FN-GA25	6.350	6.50	2.38	0.20	439653
CCGX 060204 FN-GA25	6.350	6.50	2.38	0.40	438946
CCGX 060208 FN-GA25	6.350	6.50	2.38	0.80	447516
CCGX 09T302 FN-GA25	9.525	9.70	3.97	0.20	447517
CCGX 09T304 FN-GA25	9.525	9.70	3.97	0.40	440765
CCGX 09T308 FN-GA25	9.525	9.70	3.97	0.80	447518



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL & SDJCR				
DC**0702**	SDJCL/R 0808X 07	8 x 8 x 115	447680	447628
DC**0702**	SDJCL/R 1010X 07	10 x 10 x 115	447681	447629
DC**0702**	SDJCL/R 1212X 07	12 x 12 x 130	447682	447630
DC**11T3**	SDJCL/R 1212X 11	12 x 12 x 130	447683	447631
DC**11T3**	SDJCL/R 1616X 11	16 x 16 x 130	447684	447632

SDJC-C

Werkzeughalter für D-Wendeschneidplatten mit Innenkühlung
Toolholder with integrated coolant for D inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
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SDJCL-C & SDJCR-C

DC**0702**	SDJCL/R 1010J 07-C	10 x 10 x 110	447685	447633
DC**0702**	SDJCL/R 1212J 07-C	12 x 12 x 110	447686	447634
DC**11T3**	SDJCL/R 1212J 11-C	12 x 12 x 110	447687	447635
DC**11T3**	SDJCL/R 1616J 11-C	16 x 16 x 110	447688	447636

SDJC-Q

Schnellwechselköpfe für D-Wendeschneidplatten mit Innenkühlung
 Toolholder with quick-change heads and integrated coolant for D inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
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SDJCL-Q & SDJCR-Q

DC**0702**	SDJCL/R 1010X 07-Q	10 x 10 x 20	447689	447637
DC**0702**	SDJCL/R 1212X 07-Q	12 x 12 x 20	447690	447638
DC**11T3**	SDJCL/R 1212X 11-Q	12 x 12 x 25	447691	447639
DC**11T3**	SDJCL/R 1616X 11-Q	16 x 16 x 25	447692	447640

Q

Grundhalter für Schnellwechselköpfe
 Tool holder for quick interchangeable heads



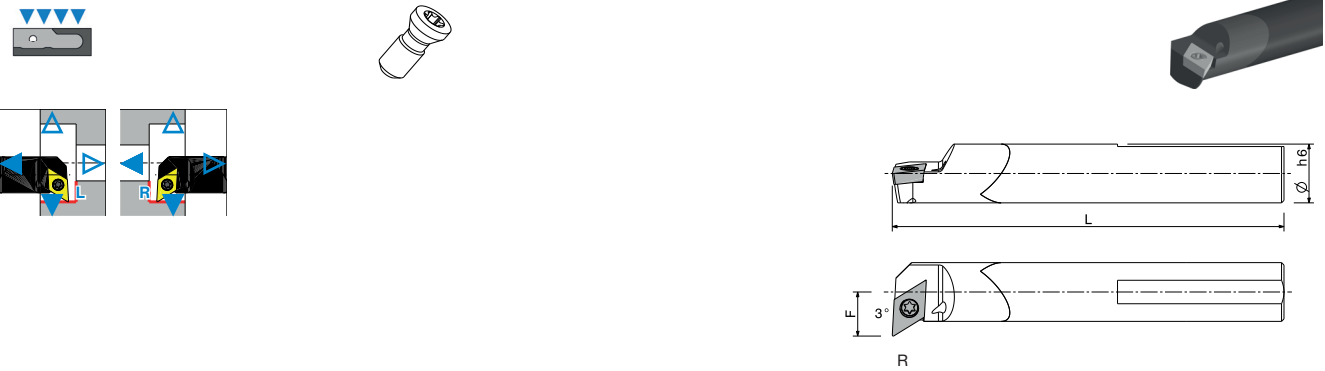
A x B x L	Art. N°
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Q

10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

E SDUC

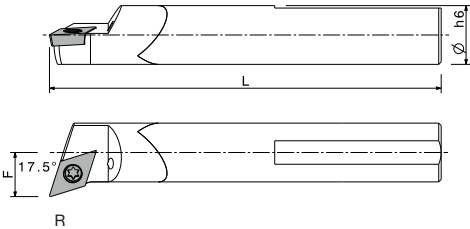
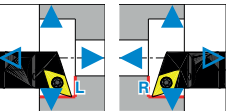
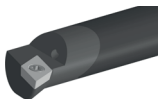
Hartmetall-Bohrstangen für D-Wendeschneidplatten mit Innenkühlung
Carbide boring bars with integrated coolant for D inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
E SDUCL & E SDUCR						
DC**0702**	E10M SDUCL/R 07	10 x 150	12.5	7.0	450226	450228
DC**0702**	E12Q SDUCL/R 07	12 x 180	15.5	9.0	450227	450229

E SDQC

Hartmetall-Bohrstangen für D-Wendeschneidplatten mit Innenkühlung
Carbide boring bars with integrated coolant for D inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
E SDQCL & E SDQCR						
DC**0702**	E08K SDQCL/R 07	8 x 125	11.5	6.5	450230	450233
DC**0702**	E10M SDQCL/R 07	10 x 150	12.5	7.0	450231	450234
DC**0702**	E12Q SDQCL/R 07	12 x 180	15.5	9.0	450232	450235

Werkzeughalter mit Schraube & Schraubenzieher geliefert
Toolholder provided with screw & screwdriver

DCGT FN-GB03

Vielseitig einsetzbare Wendeschneidplatten mit hochfesten Schneidkanten
Multi-purpose inserts with high-strength sharp edges

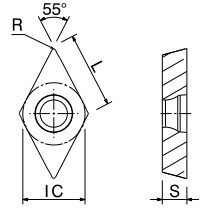
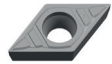
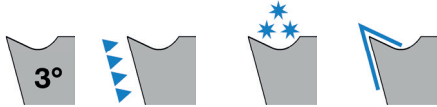


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	IC	L	S	R	DWS Art. N°
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DCGT FN-GB03

DCGT 070201 FN-GB03	6.350	7.80	2.38	0.10	447467
DCGT 070202 FN-GB03	6.350	7.80	2.38	0.20	447468
DCGT 070204 FN-GB03	6.350	7.80	2.38	0.40	447469
DCGT 11T301 FN-GB03	9.525	11.60	3.97	0.10	447470
DCGT 11T302 FN-GB03	9.525	11.60	3.97	0.20	447473
DCGT 11T304 FN-GB03	9.525	11.60	3.97	0.40	447474

DCGT FN-GB12

Wendeschneidplatten mit scharfer Schneidkante und Spankontrolle
Inserts with sharp cutting edge and chip control

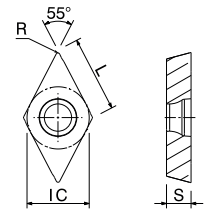
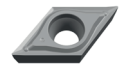


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	IC	L	S	R	DWS Art. N°
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DCGT FN-GB12

DCGT 070201 FN-GB12	6.350	7.80	2.38	0.10	443164
DCGT 070202 FN-GB12	6.350	7.80	2.38	0.20	447481
DCGT 11T301 FN-GB12	9.525	11.60	3.97	0.10	447482
DCGT 11T302 FN-GB12	9.525	11.60	3.97	0.20	447483
DCGT 11T304 FN-GB12	9.525	11.60	3.97	0.40	447484

DCGT EN-GG19

Schrupp-Wendescheidplatten mit verstärkten Schneidkanten
Roughing inserts with reinforced cutting edges

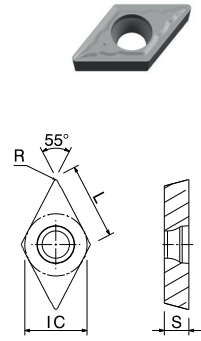
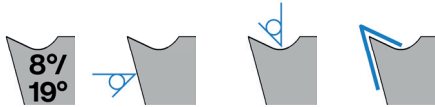


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung <i>Designation</i>	IC	L	S	R	DWX Art. N°
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DCGT EN-GG19					
DCGT 070201 EN-GG19	6.350	7.80	2.38	0.10	447485
DCGT 070202 EN-GG19	6.350	7.80	2.38	0.20	447486
DCGT 070204 EN-GG19	6.350	7.80	2.38	0.40	447487
DCGT 070208 EN-GG19	6.350	7.80	2.38	0.80	447488
DCGT 11T302 EN-GG19	9.525	11.60	3.97	0.20	447490
DCGT 11T304 EN-GG19	9.525	11.60	3.97	0.40	447491
DCGT 11T308 EN-GG19	9.525	11.60	3.97	0.80	447492

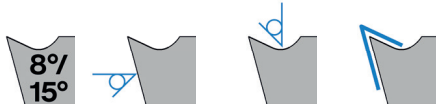
DCMT EN-GM15

Hochleistungs-Schruppwendeplatten
High-performance roughing inserts



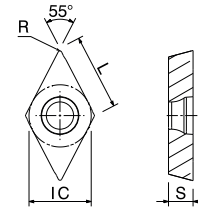
P1	P2	P3	P4	P5	M1	M2	M3	N1	N2
N3	N4	N5	N6	N7		S1	S2		

Schruppen
Roughing



Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	DWX Art. N°
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DCMT EN-GM15

DCMT 070202 EN-GM15	6.350	7.80	2.38	0.20	447493
DCMT 070204 EN-GM15	6.350	7.80	2.38	0.40	446545
DCMT 070208 EN-GM15	6.350	7.80	2.38	0.80	446546
DCMT 11T302 EN-GM15	9.525	11.60	3.97	0.20	447496
DCMT 11T304 EN-GM15	9.525	11.60	3.97	0.40	447497
DCMT 11T308 EN-GM15	9.525	11.60	3.97	0.80	447498

DCGT FL/FR-GP15

Superfinish-Wendeschneidplatten für geringe Schnittiefen
Superfinishing inserts for low cutting depths



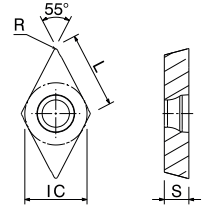
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing

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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	DWS Art. N°	Cermet Art. N°
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DCGT FL-GP15 & DCGT FR-GP15

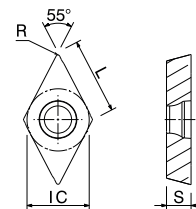
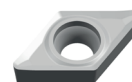
DCGT 11T3005 FL-GP15	9.525	11.60	3.97	0.05	447520	447524
DCGT 11T301 FL-GP15	9.525	11.60	3.97	0.10	445025	438924
DCGT 11T302 FL-GP15	9.525	11.60	3.97	0.20	447521	447525
DCGT 11T3005 FR-GP15	9.525	11.60	3.97	0.05	447522	447526
DCGT 11T301 FR-GP15	9.525	11.60	3.97	0.10	445024	438510
DCGT 11T302 FR-GP15	9.525	11.60	3.97	0.20	447523	447527

DCGX FN-GA25

Polierte Wendeschneidplatten für die Bearbeitung von Aluminiumlegierungen
Polished inserts for machining aluminum alloys



N1 N2



N3 N4 N5 N6 N7 N8 S1 S2 S3

Schruppen
Roughing

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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	Unbeschichtet Uncoated Art. N°
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DCGX FN-GA25

DCGX 070202 FN-GA25	6.350	7.80	2.38	0.20	440033
DCGX 070204 FN-GA25	6.350	7.80	2.38	0.40	438945
DCGX 070208 FN-GA25	6.350	7.80	2.38	0.80	447528
DCGX 11T302 FN-GA25	9.525	11.60	3.97	0.20	438376
DCGX 11T304 FN-GA25	9.525	11.60	3.97	0.40	440753
DCGX 11T308 FN-GA25	9.525	11.60	3.97	0.80	447529

DCET FL/FR-DG15

Vielseitige Wendeschneidplatten zum Superfinishing
Multi-purpose superfinishing inserts



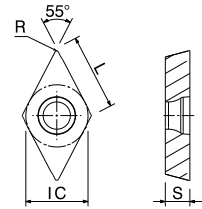
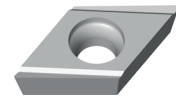
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing

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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	D20 Art. N°	D60 Art. N°
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DCET FL-DG15 & DCET FR-DG15

DCET 0702003 FL-DG15	6.350	7.80	2.38	0.03	418229	418251
DCET 070201 FL-DG15	6.350	7.80	2.38	0.10	418230	418252
DCET 070202 FL-DG15	6.350	7.80	2.38	0.20	418231	418253
DCET 070204 FL-DG15	6.350	7.80	2.38	0.40	418232	418254
DCET 0702003 FR-DG15	6.350	7.80	2.38	0.03	418233	418255
DCET 070201 FR-DG15	6.350	7.80	2.38	0.10	418234	418256
DCET 070202 FR-DG15	6.350	7.80	2.38	0.20	418235	418257
DCET 070204 FR-DG15	6.350	7.80	2.38	0.40	418236	418258
DCET 11T3005 FL-DG15	9.525	11.60	3.37	0.05	418237	418259
DCET 11T301 FL-DG15	9.525	11.60	3.37	0.10	418238	418260
DCET 11T302 FL-DG15	9.525	11.60	3.37	0.20	418239	418261
DCET 11T304 FL-DG15	9.525	11.60	3.37	0.40	418240	418262
DCET 11T308 FL-DG15	9.525	11.60	3.37	0.80	418241	418263
DCET 11T3005 FR-DG15	9.525	11.60	3.37	0.05	418242	418264
DCET 11T301 FR-DG15	9.525	11.60	3.37	0.10	418243	418265
DCET 11T302 FR-DG15	9.525	11.60	3.37	0.20	418244	418266
DCET 11T304 FR-DG15	9.525	11.60	3.37	0.40	418245	418267
DCET 11T308 FR-DG15	9.525	11.60	3.37	0.80	418246	418268

DCGT FN-DS15

Vielseitige Schrapp- und Semifinish-Wendeschneidplatten
Multi-purpose roughing and semi-finishing inserts

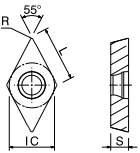
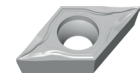
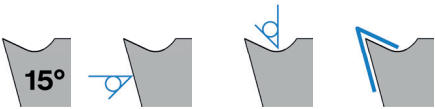


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schrappen
Roughing



Schlichten
Finishing

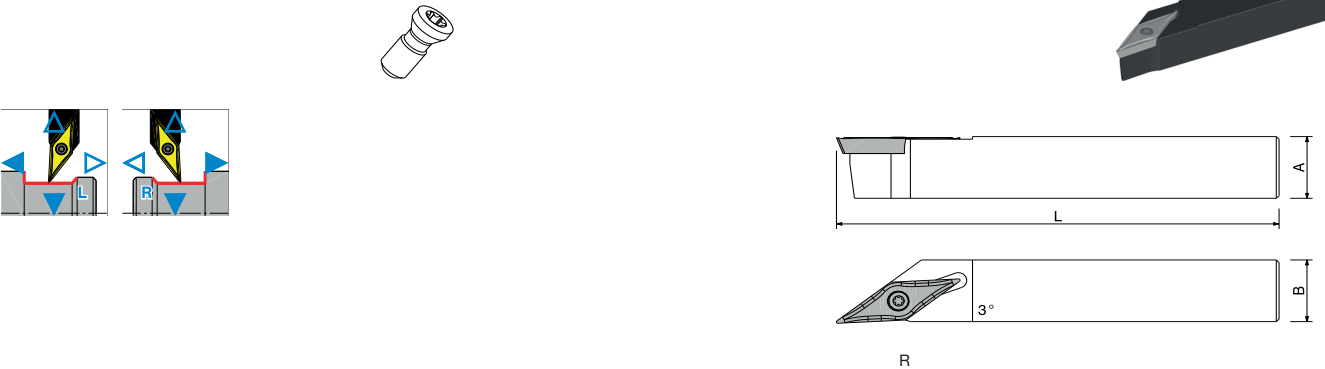


Bezeichnung Designation	IC	L	S	R	D20 Art. N°	D30 Art. N°	D60 Art. N°
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DCGT EN-DS15							
DCGT 11T302 EN-DS15	9.525	11.60	3.37	0.20	427451	427452	427453

SVJC

Werkzeughalter für V-Wendeschneidplatten
Toolholder for V inserts



Wendeschneidplatten <i>Inserts</i>	Bezeichnung <i>Designation</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL & SVJCR				
VC**1103**	SVJCL/R 0808X 11	8 x 8 x 115	447693	447644
VC**1103**	SVJCL/R 1010X 11	10 x 10 x 115	447694	447645
VC**1103**	SVJCL/R 1212X 11	12 x 12 x 130	447695	447646
VC**1303**	SVJCL/R 1010X 13	10 x 10 x 115	447696	447647
VC**1303**	SVJCL/R 1212X 13	12 x 12 x 130	447697	447648
VC**1303**	SVJCL/R 1616X 13	16 x 16 x 130	447698	447649
VC**1604**	SVJCL/R 1212X 16	12 x 12 x 130	453510	453512
VC**1604**	SVJCL/R 1616X 16	16 x 16 x 130	453511	453513

SVJC-C

Werkzeughalter für V-Wendeschneidplatten mit Innenkühlung
Toolholder with integrated coolant for V inserts



Wendeschneidplatten Inserts	Bezeichnung Designation	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-C & SVJCR-C				
VC**1103**	SVJCL/R 1010J 11-C	10 x 10 x 110	447699	447650
VC**1103**	SVJCL/R 1212J 11-C	12 x 12 x 110	447700	447651
VC**1303**	SVJCL/R 1010J 13-C	10 x 10 x 110	447701	447652
VC**1303**	SVJCL/R 1212J 13-C	12 x 12 x 110	447702	447653
VC**1303**	SVJCL/R 1616J 13-C	16 x 16 x 110	447703	447654
VC**1604**	SVJCL/R 1212J 16-C	12 x 12 x 110	453514	453516
VC**1604**	SVJCL /R 1616J 16-C	16 x 16 x 110	453515	453517

SVJC-Q

Schnellwechselköpfe für V-Wendeschneidplatten mit Innenkühlung
Toolholder with quick-change heads and integrated coolant for V inserts



Wendeschneidplatten <i>Inserts</i>	Bezeichnung <i>Designation</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-Q & SVJCR-Q				
VC**1103**	SVJCL/R 1010X 11-Q	10 x 10 x 25	447704	447655
VC**1103**	SVJCL/R 1212X 11-Q	12 x 12 x 25	447705	447656
VC**1303**	SVJCL/R 1212X 13-Q	12 x 12 x 30	447706	447657
VC**1303**	SVJCL/R 1616X 13-Q	16 x 16 x 30	447707	447658
VC**1604**	SVJCL/R 1616X 16-Q	16 x 16 x 35	453518	453519

Q

Grundhalter für Schnellwechselköpfe
Tool holder for quick interchangeable heads



A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

VCGT FN-GB03

Vielseitig einsetzbare Wendeschneidplatten mit hochfesten Schneidkanten
Multi-purpose inserts with high-strength sharp edges

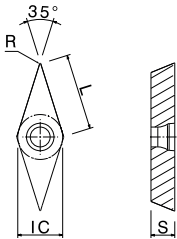
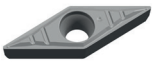
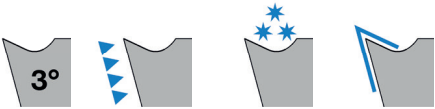


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung <i>Designation</i>	IC	L	S	R	DWS Art. N°
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VCGT FN-GB03					
VCGT 110301 FN-GB03	6.350	11.20	3.18	0.10	447508
VCGT 110302 FN-GB03	6.350	11.20	3.18	0.20	447509

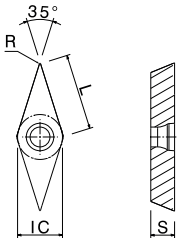
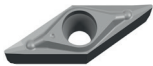
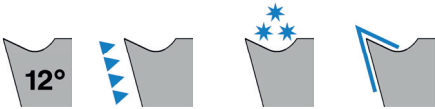
VCGT FN-GB12

Wendescheidplatten mit scharfer Schneidkante und Spankontrolle
Inserts with sharp cutting edge and chip control



P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen Roughing
» »
Schlichten Finishing
» »



Bezeichnung Designation	IC	L	S	R	DWS Art. N°
VCGT FN-GB12					
VCGT 110301 FN-GB12	6.350	11.20	3.18	0.10	447510
VCGT 110302 FN-GB12	6.350	11.20	3.18	0.20	447511

VPGT EL/ER-GG30

Schlicht-Wendeplatten für grosse Schnitttiefen
Finishing inserts for large cutting depths



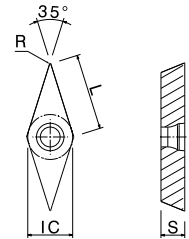
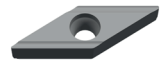
P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Schruppen
Roughing

-

Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VPGT FL-GG30						
VPGT 1103005 FL-GG30	6.350	11.20	3.18	0.05	447512	
VPGT 110301 FL-GG30	6.350	11.20	3.18	0.10	447513	
VPGT FR-GG30						
VPGT 1103005 FR-GG30	6.350	11.20	3.18	0.05	447514	
VPGT 110301 FR-GG30	6.350	11.20	3.18	0.10	447533	447542
VPGT 110302 FR-GG30	6.350	11.20	3.18	0.20	447534	447543

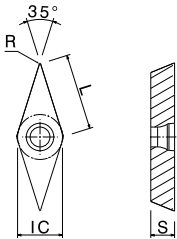
VBGT EL/ER-GG30

Schlicht-Wendeplatten für grosse Schnitttiefen
Finishing inserts for large cutting depths



P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Schruppen Roughing
-
Schlichten Finishing
▶ ▶ ▶



Bezeichnung Designation	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VBGT FL-GG30						
VBGT 1103005 FL-GG30	6.350	11.20	3.18	0.05	447535	
VBGT 110301 FL-GG30	6.350	11.20	3.18	0.10	447536	
VBGT FR-GG30						
VBGT 1103005 FR-GG30	6.350	11.20	3.18	0.05	438638	
VBGT 110301 FR-GG30	6.350	11.20	3.18	0.10	438639	447544
VBGT 110302 FR-GG30	6.350	11.20	3.18	0.20	447537	447545

VPGT FL/FR-GP15

Superfinish-Wendeschneidplatten für geringe Schnitttiefen
Superfinishing inserts for low cutting depths



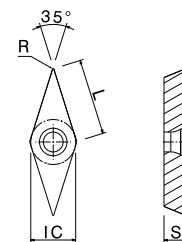
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing

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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VPGT FL-GP15						
VPGT 110301 FL-GP15	6.350	11.20	3.18	0.10	447538	447546
VPGT 110302 FL-GP15	6.350	11.20	3.18	0.20	447539	447547
VPGT FR-GP15						
VPGT 110301 FR-GP15	6.350	11.20	3.18	0.10	447540	447548
VPGT 110302 FR-GP15	6.350	11.20	3.18	0.20	447541	447549

VCGX FN-GA25

Polierte Wendeschneidplatten für die Bearbeitung von Aluminiumlegierungen
Polished inserts for machining aluminum alloys



N1 N2

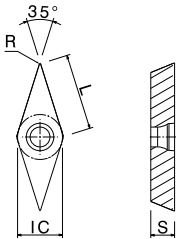
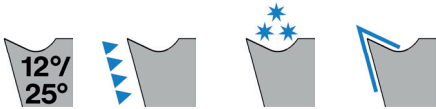
N3 N4 N5 N6 N7 N8 S1 S2 S3

Schruppen
Roughing

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Schlichten
Finishing

►►►



Bezeichnung <i>Designation</i>	IC	L	S	R	Unbeschichtet <i>Uncoated</i> Art. N°
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VCGX FN-GA25					
VCGX 110302 FN-GA25	6.350	11.20	3.18	0.20	441152
VCGX 110304 FN-GA25	6.350	11.20	3.18	0.40	447236
VCGX 110308 FN-GA25	6.350	11.20	3.18	0.80	447530
VCGX 160402 FN-GA25	9.525	16.60	4.76	0.20	447531
VCGX 160404 FN-GA25	9.525	16.60	4.76	0.40	438947
VCGX 160408 FN-GA25	9.525	16.60	4.76	0.80	447532

VCET FL/FR-DG15

Vielseitige Superfinish-Wendeschneidplatten
Multi-purpose superfinishing inserts



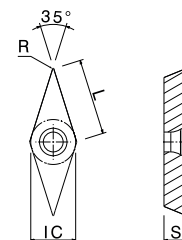
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing

-

Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	D20 Art. N°	D60 Art. N°
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VCET FL-DG15

VCET 130302 FL-DG15	7.940	14.00	3.18	0.20	424480	424486
VCET 130304 FL-DG15	7.940	14.00	3.18	0.40	424481	424487
VCET 130308 FL-DG15	7.940	14.00	3.18	0.80	424482	424488

VCET FR-DG15

VCET 130302 FR-DG15	7.940	14.00	3.18	0.20	424483	424489
VCET 130304 FR-DG15	7.940	14.00	3.18	0.40	424484	424490
VCET 130308 FR-DG15	7.940	14.00	3.18	0.80	424485	424491

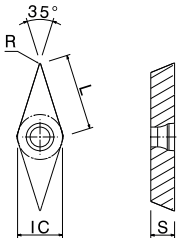
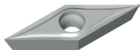
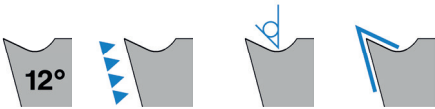
VCGT FN-DN12

Vielseitig einsetzbare Schlicht-Wendeschneidplatten
Multi-purpose finishing inserts



P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen <i>Roughing</i>
-
Schlichten <i>Finishing</i>
▶ ▶ ▶



Bezeichnung <i>Designation</i>	IC	L	S	R	D20 Art N°	D30 Art N°	D60 Art N°
VCGT FN-DN12							
VCGT 1103005 FN-DN12	6.350	11.20	3.18	0.05	418247		418269
VCGT 1103008 FN-DN12	6.350	11.20	3.18	0.08	418248		418270
VCGT 110302 FN-DN12	6.350	11.20	3.18	0.20	418249	427450	418271

VCGT FL/FR-DR12

Vielseitig einsetzbare Schlicht-Wendeschneidplatten
Multi-purpose finishing inserts



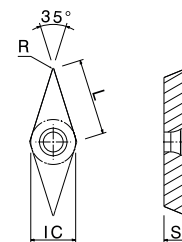
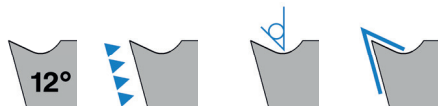
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing

-

Schlichten
Finishing

▶ ▶ ▶



Bezeichnung Designation	IC	L	S	R	D20 Art N°	D30 Art N°	D60 Art N°
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VCGT FL-DR12

VCGT 1103000 FL-DR12	6.350	11.20	3.18	0.00	423685	423691	423697
VCGT 1103008 FL-DR12	6.350	11.20	3.18	0.08	423686	423692	423698
VCGT 110302 FL-DR12	6.350	11.20	3.18	0.20	423687	423693	423699

VCGT FR-DR12

VCGT 1103000 FR-DR12	6.350	11.20	3.18	0.00	423688	423694	423700
VCGT 1103008 FR-DR12	6.350	11.20	3.18	0.08	423689	423695	423701
VCGT 110302 FR-DR12	6.350	11.20	3.18	0.20	423690	423696	423702

VCGX FN-DV15

Polierte Wendeschneidplatten für die Bearbeitung von Aluminiumlegierungen
Polished inserts for machining aluminum alloys



N1 N2

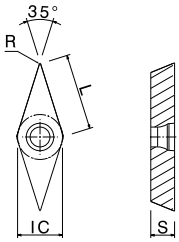
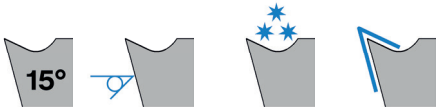
N3 N4 N5 N6 N7 N8 S1 S2 S3

Schruppen
Roughing

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Schlichten
Finishing

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Bezeichnung Designation	IC	L	S	R	Unbeschichtet Uncoated Art. N°	D90 Art. N°
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VCGX EN-DV15						
VCGX 1103008 EN-DV15	6.350	11.20	3.18	0.08	427448	427449
VCGX 110302 EN-DV15	6.350	11.20	3.18	0.20	427446	427447

Bezeichnung Designation		
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Schraube und Schraubenzieher für Wendeschneidplatten
Screw and screwdriver for inserts

SCLC* ***** 06	T8 M2.5 x 7.8	450437	T8	450440
SCLC* ***** 09	T15 M4.0 x 9.0	450438	T15	450441
SDJC* ***** 07	T8 M2.5 x 7.8	450437	T8	450440
SDJC* ***** 11	T15 M4.0 x 9.0	450438	T15	450441
SVJC* ***** 11	T8 M2.5 x 7.8	450437	T8	450440
SVJC* ***** 13	T8 M3.0 x 7.3	450439	T8	450440
SVJC* ***** 16	T15 M4.0 x 9.0	450438	T15	450441
E*** SCLC* 06	T8 M2.5 x 5.5	450280	T8	450440
E*** SCLC* 09	TP15 M3.5 x 8.3	450281	TP15	436801
E*** SD*C* 07	T8 M2.5 x 5.5	450280	T8	450440

Bezeichnung Designation			
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Ersatzteile für Werkzeughalter mit Innenkühlung
Parts for toolholders with integrated coolant

S**CL 1010* **-C	450445	450451
S**CL 1212* **-C	450446	450451
S**CL 1616* **-C	450447	450451
S**CR 1010* **-C	450448	450451
S**CR 1212* **-C	450449	450451
S**CR 1616* **-C	450450	450451

Bezeichnung Designation			
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Ersatzteile für Schnellwechselköpfe mit Innenkühlung
Parts for toolholders with quick-change heads function and integrated coolant

S**C* 10x10x120-Q	450436	T6	305184	450442
S**C* 12x12x120-Q	450436	T6	305184	450443
S**C* 16x16x120-Q	450436	T6	305184	450444

Bezeichnung Designation				
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Ersatzteile für Grundhalter der Schnellwechselköpfe
Parts for quick-change toolholder heads

Q10	450453	450456	450459	450451
Q12	450454	450457	450459	450451
Q16	450455	450458	450460	450451



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