

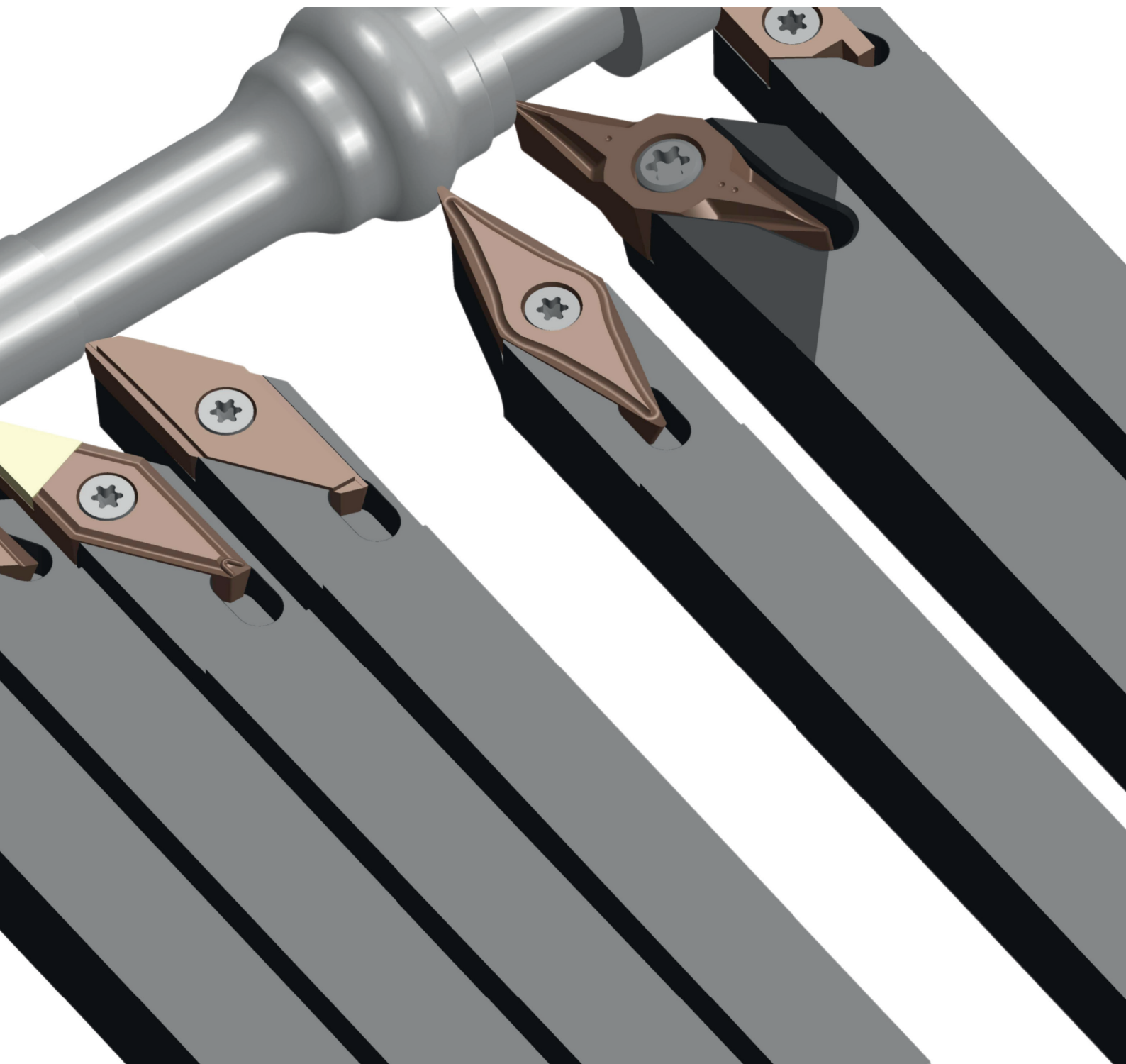
DIAMETAL®

TOPDEC
DE·EN

TOPDEC

Präzisionssystem für
Feinstdrehen Aussen- und Innen

*Precision system for
external and internal fine turning*





TOPDEC

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Toolholders and inserts D (55°)

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

DIASTECH

Werkzeughalter und Wendeschneidplatten DIASTECH
Toolholders and inserts DIASTECH

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Toolholders and inserts T (60°)

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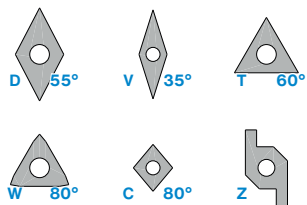
165

170

172

01	02	03	04	05	06	07	08	09	10	11	Art. N°
V	C	G	X	F	L	12	03	008	04E	DWS	440158

01 Form Shape



07 Schneidenlänge Cutting edge length



02 Freiwinkel Clearance angle



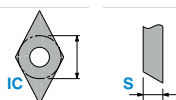
	C	N	D	O
α	7°	0°	15°	8°

08 Dicke Thickness



	01	02	03	04
S	1.10	2.20	3.00	4.98

03 Toleranzklasse Tolerance class



	G	H
IC	± 0.010	± 0.010
S	± 0.130	± 0.025

09 Radius Radius



04 Befestigung und Spanbrecher Clamping and chipbreaker



10 Zusätzliche Informationen Additional information

05 Ausführung der Schneide Cutting edge execution



11 Beschichtungen Coatings

06 Richtung Direction



TOPDEC

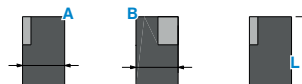
Kodierung von Werkzeughaltern
Codification of toolholders

01	02	03	04	05	06	07	08	Art. N°
S	V	J	C		L	10 x 10 x 120	C	452661

01 Klemmsystem Locking system



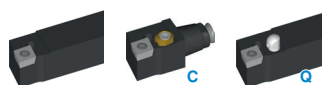
07 Dimensionen Dimensions



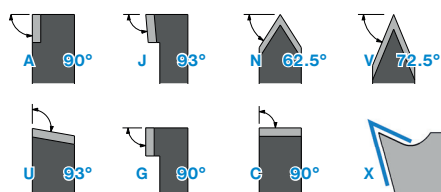
02 Plattenform Insert shape



08 Ausführung Execution



03 Anstellwinkel Setting angle



04 Freiwinkel Clearance angle

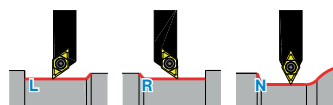


	C	N	D	O
α	7°	0°	15°	8°

05 Wendeschneidplattensitz Direction

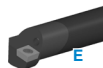
- Standard
3 Verstärkte Ausführung
Reinforced execution

06 Richtung Direction



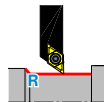
01	02	03	04	05	06	07	Art. N°
E	4 x 86	S	C	L	D	R	305364

01 Ausführung Werkzeughalter
Toolholder execution

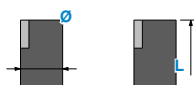


Hartmetall mit integrierter Kühlung
Carbide with integrated cooling

07 Richtung
Direction



02 Dimensionen
Dimension



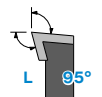
03 Klemmsystem
Locking system



04 Plattenform
Insert shape



05 Anstellwinkel
Setting angle

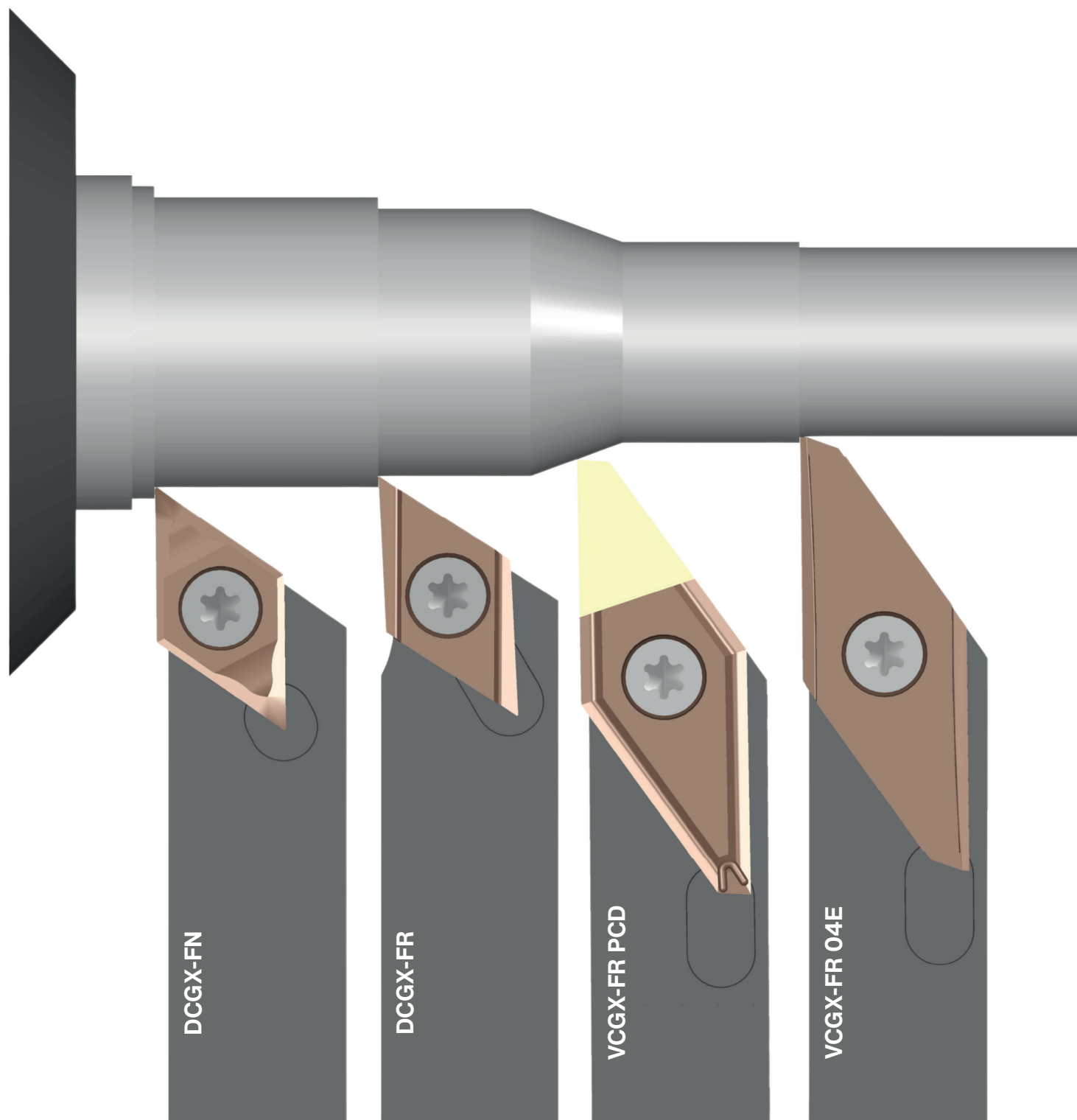


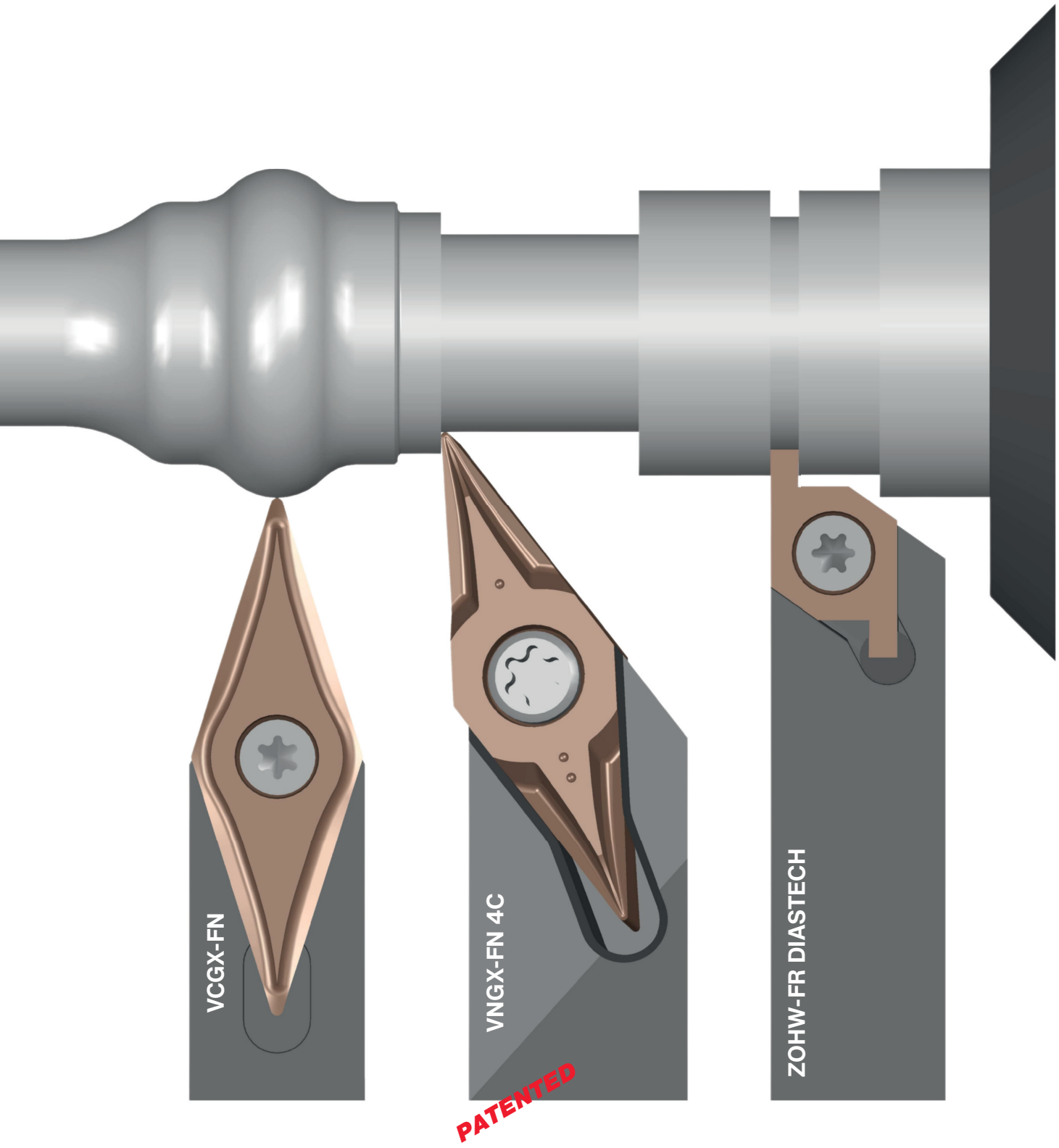
06 Freiwinkel
Clearance angle



	D
α	15°





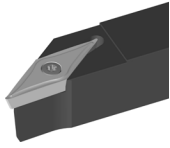


		Bezeichnung Designation	DCGX FL / FR	DCGX FN	DCGX FN ALU	DCGX PCD	VCGX FL / FR	VCGX FN	VCGX FL / FR P8
									
		Schruppen Roughing	▶	▶	▶	-	▶	▶	-
		Schlichten Finishing	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
		Seite Page							
ISO	Werkstoffe Materials								
P1	Automatenstahl Free-cutting steel	▶ ▶ ▶	▶ ▶ ▶				▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
P2	Automatenstahl bleifrei Lead-free free-cutting steel	▶ ▶ ▶	▶ ▶ ▶				▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
P3	Unlegierter Stahl (Rm < 800 N/mm²) Unalloyed steel (Rm < 800 N/mm²)	▶ ▶ ▶	▶ ▶				▶ ▶ ▶	▶ ▶	▶ ▶ ▶
P4	Niedriglegierter Stahl (Rm < 900 N/mm²) Low alloy steel (Rm < 900 N/mm²)	▶ ▶ ▶	▶ ▶				▶ ▶ ▶	▶ ▶	▶ ▶
P5	Hochlegierter Stahl (Rm < 1200 N/mm²) High alloy steel (Rm < 1200 N/mm²)	▶ ▶ ▶	▶ ▶				▶ ▶ ▶	▶ ▶	▶ ▶
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)	▶					▶		

▶ ▶ ▶ Optimal / Optimal ▶ ▶ Gut / Good ▶ Funktionell / Functional

	VCGX FL / FR 04	VCGX FL / FR 04E	VCGX PCD FL / FR/FN	VNGX FN 4C	ZOHW FR	TDHW FN	TDHX FL / FR	WDHW FN	CDHW FN
									
	-	-	-	▶▶	▶	-	▶	-	▶
	▶▶▶	▶▶▶	▶▶▶	▶▶▶	▶▶▶	▶▶▶	▶▶▶	▶▶▶	▶▶▶
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	▶▶	▶▶							

Richtwerte
Indicative values



Wiederhohlgenauigkeit und Prozesssicherheit

Die komplett geschliffene TOPDEC Wendeplatte in Kombination mit dem hochwertigen Werkzeughalter, erzielen eine hohe Wiederhohlgenauigkeit und Prozesssicherheit für die Zerspanung von hochpräzisen Drehteilen.

Process repeatability and reliability

The fully ground TOPDEC inserts, combined with the ultra-precision toolholder, ensure extremely high process repeatability and reliability for turning high-precision parts.



Mikroradien

Dank unserem Know-How im Schleifverfahren als Schleifwerkzeug Hersteller sind wir in der Lage, Mikroradien ab 0.005mm auf Wendschneidplatten zu fertigen.

Micro-radius

As a manufacturer of abrasive tools, our grinding expertise enables us to machine 0.005 mm micro-radius on our inserts.

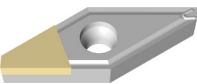


TOPDEC 4C: Ein Diametal Patent

TOPDEC 4C Wendschneidplatte verdoppelt die Anzahl der Schneiden und garantiert die einzigartige DIAMETAL Oberflächenqualität.

TOPDEC 4C: A Diametal patent

The TOPDEC 4C insert doubles the number of cutting edges and guarantees the unique DIAMETAL surface quality.



Wendeplatten mit PKD und MKD bestückt

Die TOPDEC Wendschneidplatten gibt es auch mit PKD oder MKD Ausführung. Dies dient insbesondere für die Bearbeitung von NE-Metallen wie Aluminium, Al-Si-Legierung, Kupfer, Messing, Bronze sowie Graphit, CFK/GFK, MMC, Hartmetall und Edelmetalle.

PCD and MCD inserts

TOPDEC inserts are also available in PCD and MCD versions. They are mainly recommended for machining non-ferrous metals such as aluminum, Al-Si alloys, copper, brass, bronze as well as graphite, carbon fibre reinforced plastics, composites, hard metals and precious metals.



Schwingungsdämpfende Bohrstangen

Der Hartmetallkörper der TOPDEC Bohrstangen, ermöglicht eine extreme Stabilität und eine aussergewöhnliche Präzision beim Ausdrehen ab Durchmessern von 4.5 mm.

Anti-vibration boring bars

The carbide body of TOPDEC boring bars ensures extreme stability and exceptional precision when boring holes from Ø4.5 mm.

SDAC 90°

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning

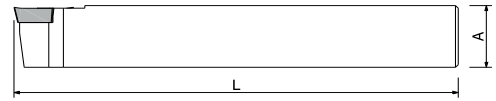
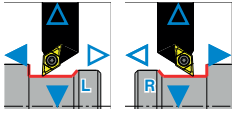


A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDACL & SDACR		
8 x 8 x 120	234238	234242
10 x 10 x 120	234239	234243
12 x 12 x 120	234240	234244
16 x 16 x 120	234241	234245

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

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

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



R

A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL & SDJCR		
8 x 8 x 120	300782	300781
10 x 10 x 120	300784	300783
12 x 12 x 120	300786	300785
16 x 16 x 120	300788	300787
20 x 20 x 120	399643	388077

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

SDJC-C 93°

Hochpräzisions-Werkzeughalter mit Innenkühlung für Feinstdrehen
High precision toolholders with integrated coolant for fine turning



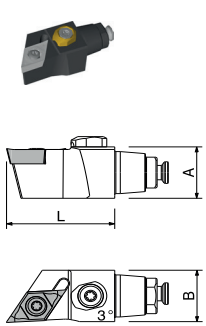
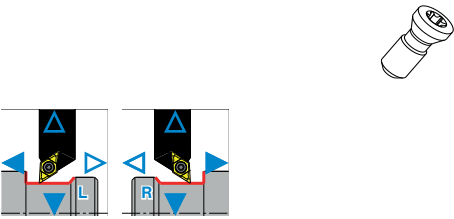
A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL-C & SDJCR-C		
10 x 10 x 120	452290	452352
12 x 12 x 120	452350	452353
16 x 16 x 120	452351	452354

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

SDJC-Q 93°

Hochpräzisions-Schnellwechselschneidköpfe mit Innenkühlung
High-precision quick interchangeable heads with integrated coolant

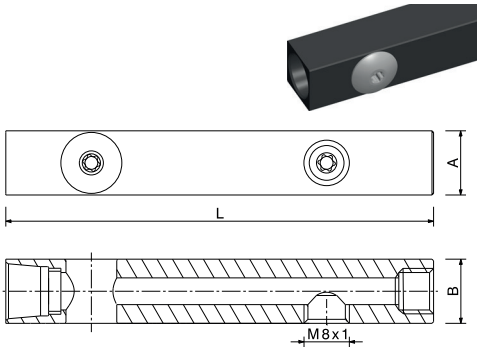


R

A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL-Q & SDJCR-Q		
10 x 10 x 20	452296	452299
12 x 12 x 20	452297	452300
16 x 16 x 25	452298	452301

Q

Grundhalter für Schnellwechselköpfe
Tool holder for quick interchangeable heads



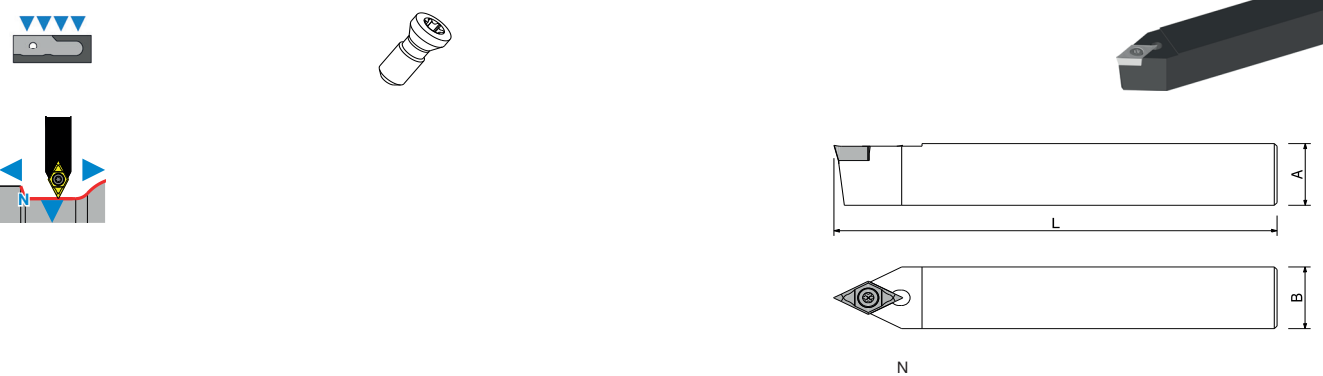
A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

Werkzeughalter inklusive Schraube und Schraubenzieher
Toolholder supplied with screw and screwdriver

Ein R-Werkzeughalter erfordert R- oder N-Wendeschneidplatten
An R toolholder requires R or N inserts

SDNC

Hochpräzisions-Werkzeughalter für Kopierdrehen
High-precision toolholder for profiling

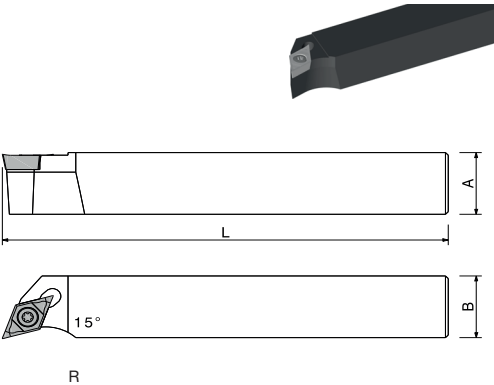
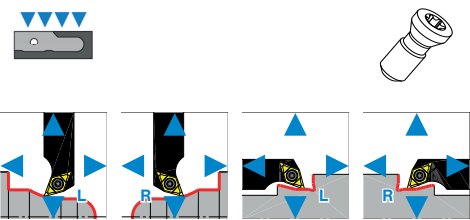


A x B x L		Dir. N Art. N°
SDNCN		
8 x 8 x 120		305373
10 x 10 x 120		305374
12 x 12 x 120		305375
16 x 16 x 120		305376

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

SDXC

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



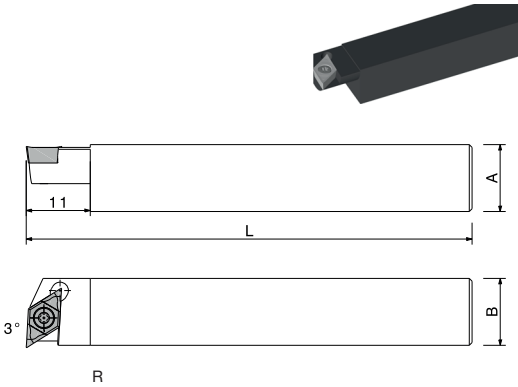
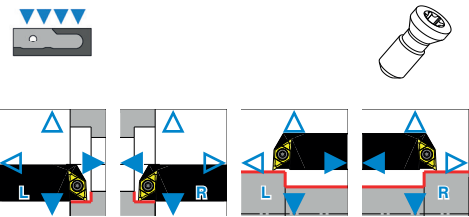
A x B x L		Dir. L Art. N°	Dir. R Art. N°
SDXCL & SDXCR			
12 x 12 x 120		305372	305371
20 x 20 x 120			446449

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

Ein R-Werkzeughalter benötigt eine L- oder N-Wendeschneidplatte
An R toolholder requires L or N inserts

SDUC

Hochpräzisions-Werkzeughalter für Innen- und Aussendrehen
High-precision toolholder for internal and external turning



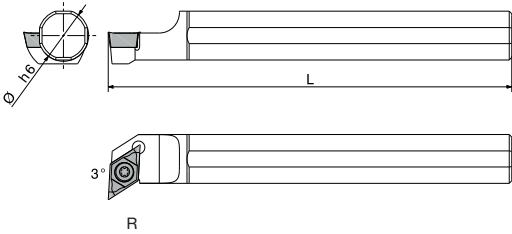
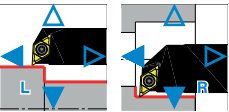
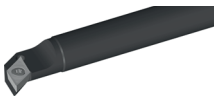
A x B x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
SDUCL & SDUCR			
12 x 12 x 80	16.0	304874	304873

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

Ein R-Werkzeughalter benötigt eine L- oder N-Wendeschneidplatte
An R toolholder requires L or N inserts

SDUC Ø

Hochpräzisions-Werkzeughalter für Innen- und Aussendrehen
High-precision toolholder for internal and external turning



Ø x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
SDUCL & SDUCR			
Ø 10 x 80	12.5		395101
Ø 16 x 120	16.5		395102

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

Ein R-Werkzeughalter benötigt eine L- oder N-Wendeschneidplatte
An R toolholder requires L or N inserts

DCGX

Wendeschneidplatten für Feinstdrehen
Inserts for fine turning

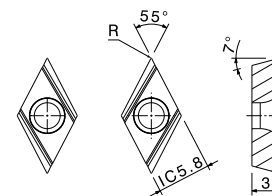
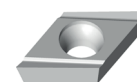


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



L

R

Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°	Cermet Art. N°
DCGX-FL								
DCGX-FL 0703003	0.03	437960	438024	434440	370856	375448	375457	
DCGX-FL 070301	0.10	432799	438025	236136	234223	236154	444237	358919
DCGX-FL 070302	0.20	408832	437873	236137	234224	236155	391129	358920
DCGX-FL 070304	0.40	438026	438027	236138	234225	236156		358921
DCGX-FL 070305	0.50	453083				404681		
DCGX-FR								
DCGX-FR 0703000	0.00	381211	438093					
DCGX-FR 0703002	0.02	354948	440133				443925	
DCGX-FR 0703003	0.03	438034	438036		369885	375454	375456	
DCGX-FR 0703005	0.05	453924	438092		419073			
DCGX-FR 070301	0.10	432798	438037	236145	234220	236157	390950	358916
DCGX-FR 0703015	0.15	453922		379624				
DCGX-FR 070302	0.20	422841	437883	236146	234221	236158	375024	358917
DCGX-FR 070303	0.30	453925			370463			
DCGX-FR 070304	0.40	418993	438038	236147	234222	236159	401586	358918

Weitere Ausführungen auf Anfrage
Other executions on request

DCGX

Wendeschneidplatten für Feinstdrehen
Inserts for fine turning

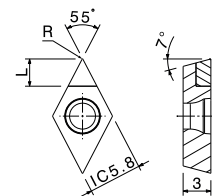
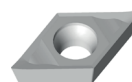


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen
Roughing



Schlichten
Finishing



N

Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°	Cermet Art. N°
DCGX-FN								
DCGX-FN 0703003	0.03	438028	438029			431033	443969	-
DCGX-FN 0703005	0.05	414039	438030			431032	443970	-
DCGX-FN 070301	0.10	438031	437834	305339	305341	305343	443844	-
DCGX-FN 070302	0.20	438032	438033	305340	305342	305344	441774	-

Weitere Ausführungen auf Anfrage
Other executions on request

DCGX ALU

Polierte Wendeschneidplatten für Feinstdrehen von Aluminium
Polished inserts for fine turning of aluminum



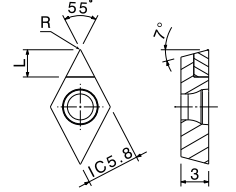
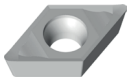
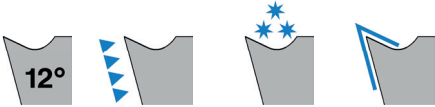
N1 N2

N3 N4 N5 N6 N7 N8 S1 S2 S3

Schruppen
Roughing



Schlichten
Finishing



N

Bezeichnung <i>Designation</i>	R	Unbeschichtet <i>Uncoated</i> Art. N°
DCGX-FN ALU		
DCGX-FN 070302 ALU	0.20	370687
DCGX-FN 070304 ALU	0.40	372822

DCGX PKD

Diamant-Wendeschneidplatten für Feinst drehen von Nichteisenmetalle
 Diamond inserts for fine turning of non-ferrous materials



N3

N4

N5

N6

N7

N8

S1

S2

N1

N2

Schruppen

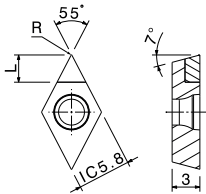
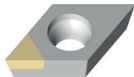
Roughing

-

Schlichten

Finishing

▶▶▶



Bezeichnung Designation	R	L	PCD Art. N°
DCGX-FN PCD			
DCGX-FN 0703005	0.05	4.0	371910
DCGX-FN 070301	0.10	4.0	371909
DCGX-FN 070302	0.20	4.0	371903
DCGX-FN 070304	0.40	4.0	371908

SVAC 90°

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



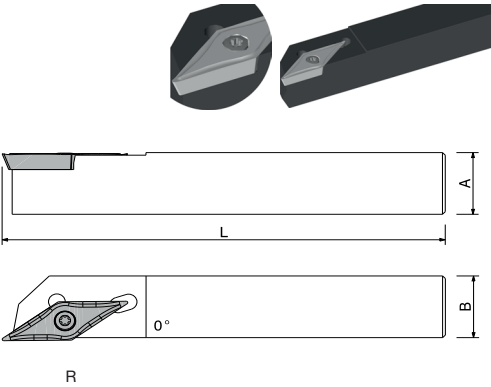
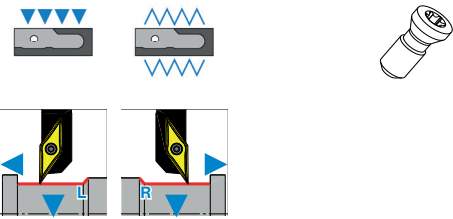
A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVACL & SVACR		
8 x 8 x 120	234226	234233
10 x 10 x 120	234227	234234
12 x 12 x 120	234228	234235
16 x 16 x 120	234229	234236

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

SVAC3 90°

Verstärkte Hochpräzisions-Werkzeughalter für Feinstdrehen
 Reinforced high-precision toolholder for fine turning



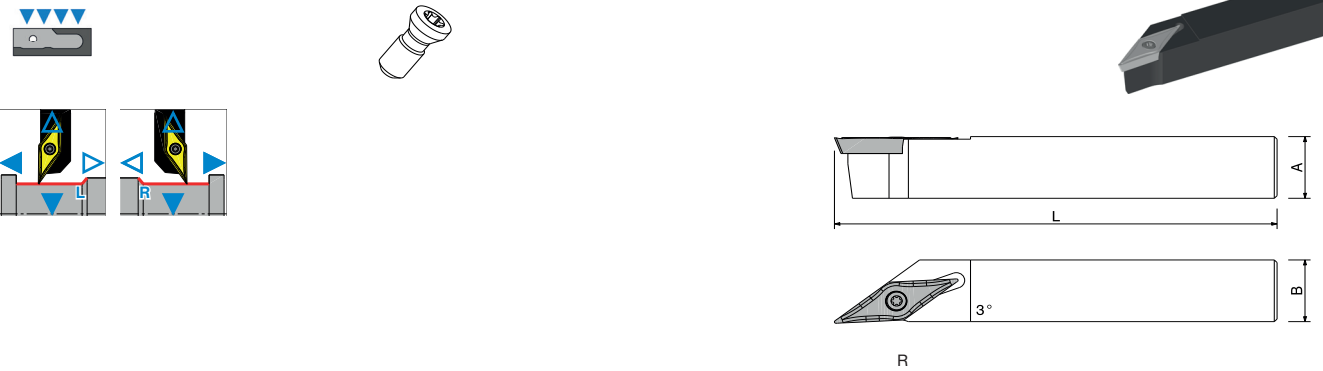
	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVAC3L & SVAC3R			
	8 x 10 x 120	382991	392278
	10 x 10 x 120	442974	399129
	12 x 12 x 120	373976	392279
	16 x 16 x 120	442982	442983

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschnidplatte
 An R toolholder requires R or N inserts

SVJC 93°

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL & SVJCR		
8 x 10 x 120	358497	358496
10 x 10 x 120	300774	300773
12 x 12 x 120	300776	300775
16 x 16 x 120	300778	300777
20 x 20 x 120	300780	300779

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

SVJC-C 93°

Hochpräzisions-Werkzeughalter mit Innenkühlung für Feinstdrehen
High precision toolholders with integrated coolant for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-C & SVJCR-C		
10 x 10 x 120	452661	452664
12 x 12 x 120	452662	452665
16 x 16 x 120	452663	452666

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendescheidplatte
An R toolholder requires R or N inserts

SVJC-Q 93°

Hochpräzisions-Schnellwechselschneidköpfe mit Innenkühlung
High-precision quick interchangeable heads with integrated coolant



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-Q & SVJCR-Q		
10 x 10 x 30	452308	452311
12 x 12 x 30	452309	452312
16 x 16 x 30	452310	452313

Q

Grundhalter für Schnellwechselköpfe
Tool holder for quick interchangeable heads



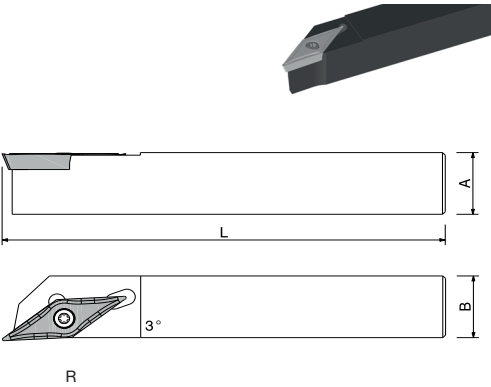
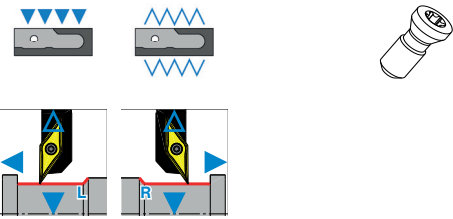
A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

SVJC3 93°

Verstärkte Hochpräzisions-Werkzeughalter für Feinstdrehen
Reinforced high-precision toolholder for fine turning



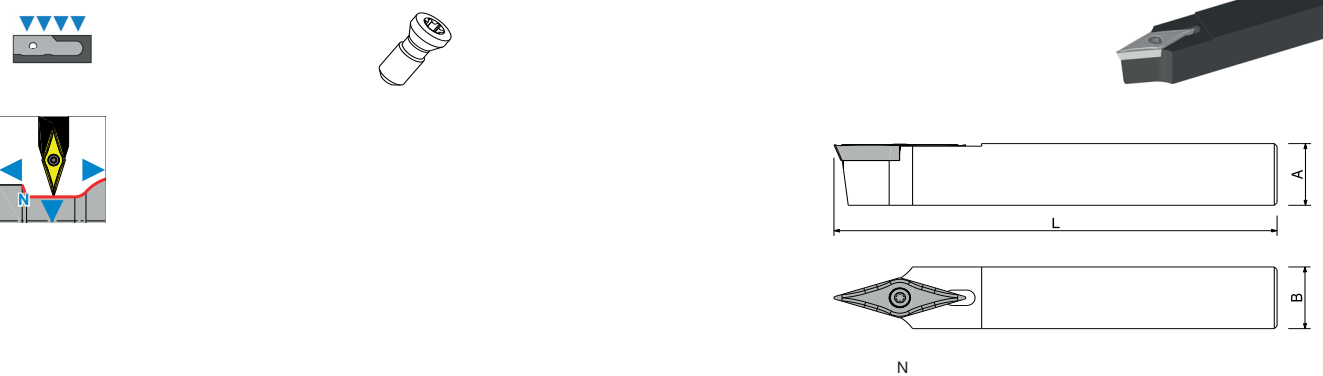
A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJC3L & SVJC3R		
8 x 10 x 120	440055	440056
10 x 10 x 120	440057	440058
12 x 12 x 120	440059	440060

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendescheidplatte
An R toolholder requires R or N inserts

SVVC

Hochpräzisions-Werkzeughalter für Kopierdrehen
High-precision toolholder for profiling

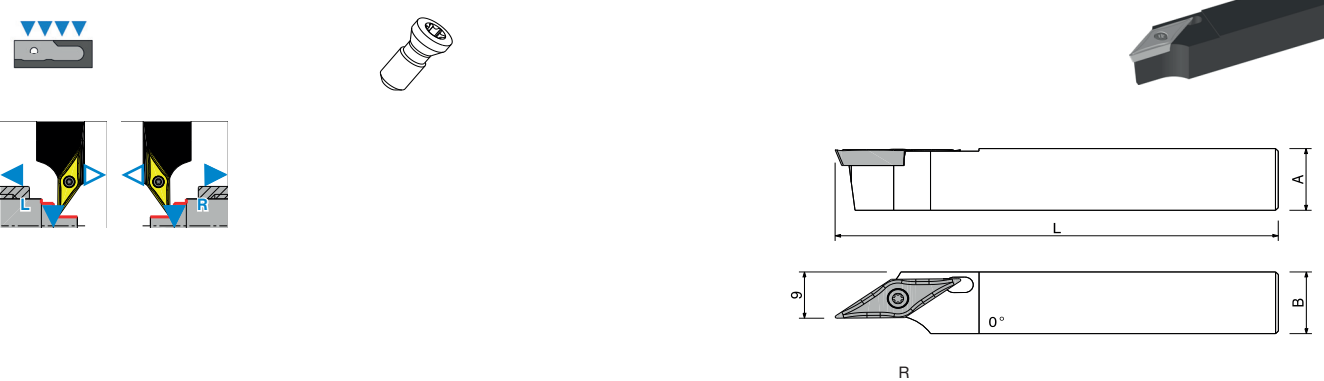


A x B x L		Dir. N Art. N°
SVVCN		
8 x 8 x 120		234246
10 x 10 x 120		234247
12 x 12 x 120		234248
16 x 16 x 120		234249

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

SVXC

Versetzte Hochpräzisions-Werkzeughalter für Feinstdrehen
Offset high-precision toolholder for fine turning



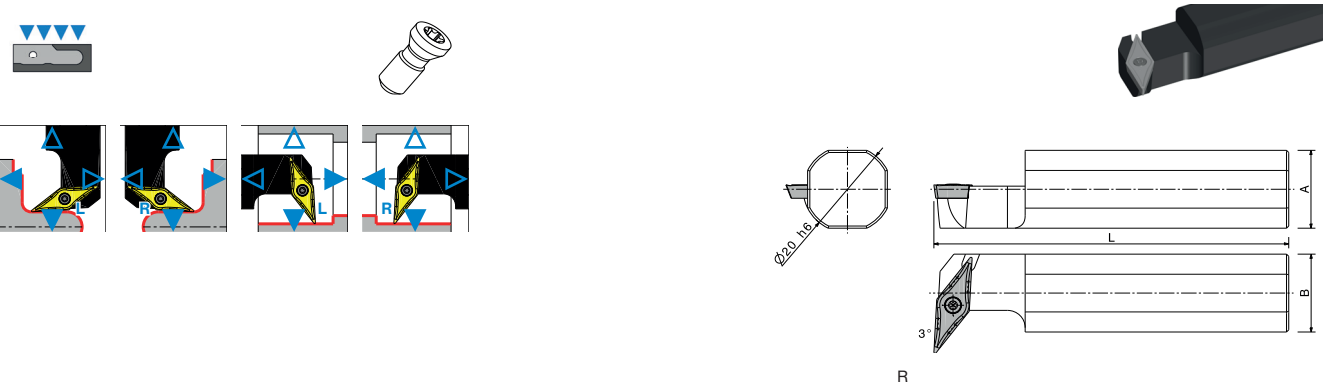
A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVXCL & SVXCR		
10 x 10 x 120	377867	377863
12 x 12 x 120	377866	377862
16 x 16 x 120	377865	377861
20 x 20 x 120	377864	377860

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendescheidplatte
An R toolholder requires R or N inserts

SVUC 93°

Hochpräzisions-Werkzeughalter für Innen- und Aussendrehen
High-precision toolholder for internal and external turning



A x B x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
SVUCL & SVUCR			
18 x 18 x 80	23.5	443624	443325

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

Ein R-Werkzeughalter benötigt eine L- oder N-Wendeschneidplatte
An R toolholder requires L or N inserts

VCGX

Wendeschneidplatten für Feinstdrehen
Inserts for fine turning

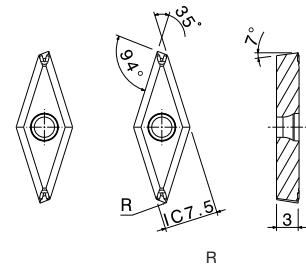
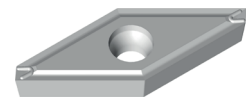
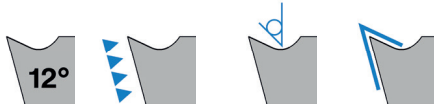


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°	Cermet Art. N°
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VCGX-FL

VCGX-FL 1203000	0.00	382859	438039	236148	234216	236160	405907	301473
VCGX-FL 1203008	0.08	397401	438041	236149	234217	236161	387959	301474
VCGX-FL 120302	0.20	440087	440136				403409	

VCGX-FR

VCGX-FR 1203000	0.00	416177	434839	236152	234214	236164	392368	301471
VCGX-FR 1203003	0.03	440137	437062		412450	437061	442663	
VCGX-FR 1203008	0.08	356571	438051	236153	234215	236165	383574	301472
VCGX-FR 120302	0.20	438052	438053	427625	361749	441040	387788	

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX

Wendeschneidplatten für Feinstdrehen
Inserts for fine turning



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

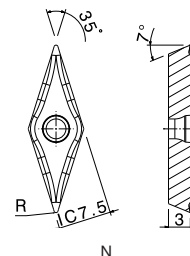
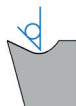
Schruppen
Roughing



Schlichten
Finishing



12°



Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°	Cermet Art. N°
VCGX-FN								
VCGX-FN 1203003	0.03	440139	440138		406853		422708	
VCGX-FN 1203005	0.05	437821	438044		381258	431420	401859	430844
VCGX-FN 1203008	0.08	438045	438046	367805	367806	367807	400494	
VCGX-FN 120301	0.10	440140	444433		387892		432908	
VCGX-FN 120302	0.20	357910	434731	236150	234218	236162	388948	384543
VCGX-FN 120304	0.40	361990	438049	236151	234219	236163	386354	371948

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX P8

Wendeschneidplatten für Feinstdrehen von kleinen Durchmessern
Inserts for fine turning for small diameters



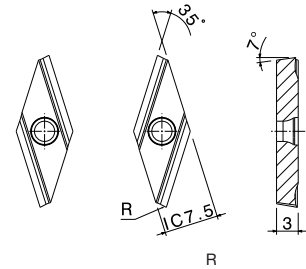
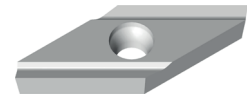
P1	P2	P3	P4	P5	M1	M2	M3	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2		

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°
VCGX-FL P8						
VCGX-FL 1203000 P8	0.00	440142	440141		365208	
VCGX-FL 1203008 P8	0.08	440145	440143	369299	364924	
VCGX-FR P8						
VCGX-FR 1203000 P8	0.00	440147	440146		364501	364508
VCGX-FR 1203008 P8	0.08	428726	440148	369300	368858	

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX 04

Wendeschneidplatten für Feinstdrehen von kleinen Durchmessern
Inserts for fine turning for small diameters



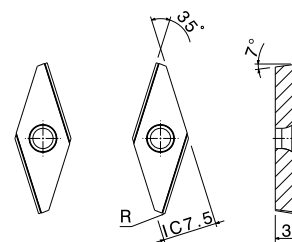
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



L

R

Bezeichnung <i>Designation</i>	R	Unbeschichtet <i>Uncoated</i> Art. N°	DWS Art. N°	D20 Art. N°
VCGX-FL 04				
VCGX-FL 1203000 04	0.00	440150	440149	361353
VCGX-FL 1203008 04	0.08	440152	440151	361354
VCGX-FR 04				
VCGX-FR 1203000 04	0.00	440154	440153	361352
VCGX-FR 1203008 04	0.08	440156	440155	361351

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX 04E

Wendeschneidplatten für Feinstdrehen von kleinen Durchmessern
Inserts for fine turning for small diameters



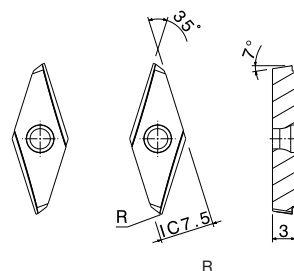
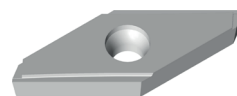
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing

-

Schlichten
Finishing

▶ ▶ ▶



Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D20 Art. N°
VCGX-FL-04E				
VCGX-FL 1203000 04E	0.00	403668	440157	367835
VCGX-FL 1203008 04E	0.08	440159	440158	367653
VCGX-FR-04E				
VCGX-FR 1203000 04E	0.00	440161	440160	368914
VCGX-FR 1203008 04E	0.08	440163	440162	368916

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX PKD

Diamant-Wendeschneidplatten für Feinstdrehen von Nichteisenmetallen
Diamond inserts for fine turning of non-ferrous metals



N1 N2

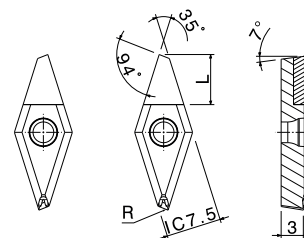
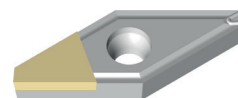
N3 N4 N5 N6 N7 N8 S1 S2

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



L

R

Bezeichnung Designation	R	L	PCD Art. N°
VCGX-FL PCD			
VCGX-FL 1203005	0.05	5.0	375426
VCGX-FR PCD			
VCGX-FR 1203000	0.00	5.0	416622
VCGX-FR 1203005	0.05	5.0	392922
VCGX-FR 120302	0.20	6.0	433860

Weitere Ausführungen auf Anfrage
Other executions on request

VCGX PKD

Diamant-Wendeschneidplatten für Feinstdrehen von Nichteisenmetallen
Diamond inserts for fine turning of non-ferrous metals



N1 N2

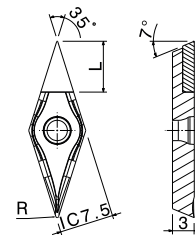
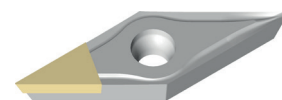
N3 N4 N5 N6 N7 N8 S1 S2

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



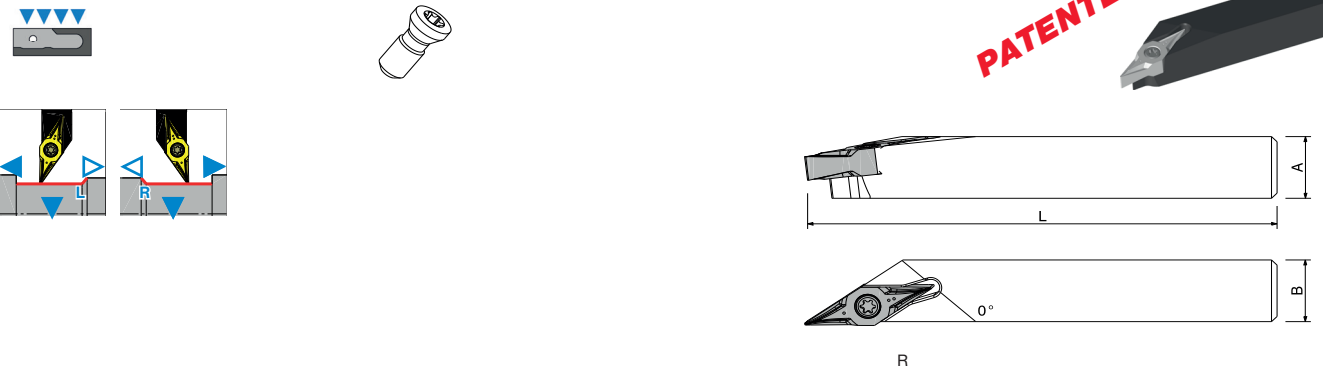
N

Bezeichnung Designation	R	L	PCD Art. N°
VCGX-FN PCD			
VCGX-FN 1203000	0.00	6.0	416580
VCGX-FN 1203005	0.05	6.0	443684
VCGX-FN 1203008	0.08	6.0	371916
VCGX-FN 120302	0.20	6.0	371913
VCGX-FN 120304	0.40	6.0	371912

Weitere Ausführungen auf Anfrage
Other executions on request

SVAN 90°

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVANL & SVANR		
10 x 10 x 120		434058
12 x 12 x 120		434059
16 x 16 x 120		434060
20 x 20 x 120		434061

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

SVAN-C 90°

Hochpräzisions-Werkzeughalter mit Innenkühlung für Feinstdrehen
High precision toolholders with integrated coolant for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVANL-C & SVANR-C		
10 x 10 x 120		
12 x 12 x 120		
16 x 16 x 120		
20 x 20 x 120		

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

SVAN-Q 90°

Hochpräzisions-Schnellwechselschneidköpfe mit Innenkühlung
High-precision quick interchangeable heads with integrated coolant



A x B x L		Dir. L Art. N°	Dir. R Art. N°
SVANL-Q & SVANR-Q			
10 x 10 x 120			
12 x 12 x 120			
16 x 16 x 120			
20 x 20 x 120			

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

SVJN 93°

Hochpräzisions-Werkzeughalter für Feinstdrehen
High-precision toolholder for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJNL & SVJNR		
10 x 10 x 120		436621
12 x 12 x 120		436622
16 x 16 x 120		436623
20 x 20 x 120		436624

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

SVJN-C 93°

Hochpräzisions-Werkzeughalter mit Innenkühlung für Feinstdrehen
High precision toolholders with integrated coolant for fine turning



A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJNL-C & SVJNR-C		
10 x 10 x 120		
12 x 12 x 120		
16 x 16 x 120		
20 x 20 x 120		

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

SVJN-Q 93°

Hochpräzisions-Schnellwechselschneidköpfe mit Innenkühlung
High-precision quick interchangeable heads with integrated coolant



A x B x L		Dir. L Art. N°	Dir. R Art. N°
SVJNL-Q & SVJNR-Q			
10 x 10 x 120			
12 x 12 x 120			
16 x 16 x 120			
20 x 20 x 120			

VNGX 4C

Wendeschneidplatten mit 4 Schneidkanten für Feinstdrehen
Inserts with 4 cutting edges for fine turning

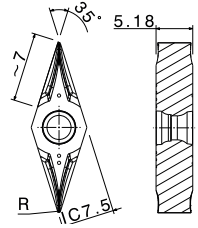
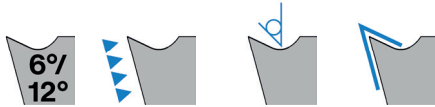


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Schruppen
Roughing



Schlichten
Finishing



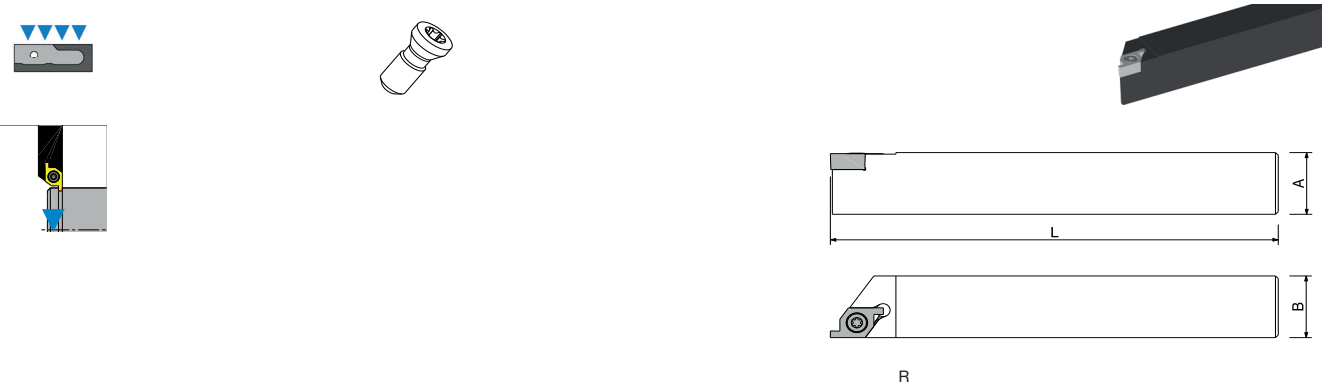
N

Bezeichnung <i>Designation</i>	R	Unbeschichtet <i>Uncoated</i> Art. N°	DWS Art. N°	D60 Art. N°
VNGX-FN 4C				
VNGX-FN 1204008 4C	0.08	433984	436615	433653
VNGX-FN 120402 4C	0.20	436039	436620	436619

Weitere Ausführungen auf Anfrage
Other executions on request

SDCO DIASTECH

Hochpräzisions-Werkzeughalter für radiales Einstechen
High-precision toolholder for radial grooving



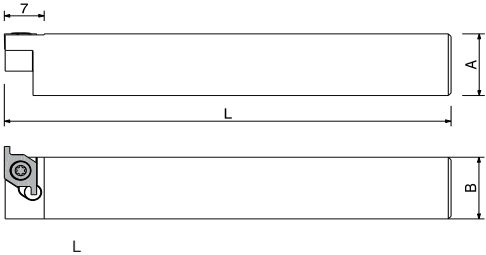
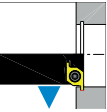
A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDCOL & SDCOR		
8 x 8 x 120		358862
10 x 10 x 120		358863
12 x 12 x 120		358865

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

Ein R-Werkzeughalter benötigt eine R Wendeschneidplatte
An R toolholder requires R inserts

SDGO 90° DIASTECH

Hochpräzisions-Werkzeughalter für Inneneinstechen
High-precision toolholder for internal grooving

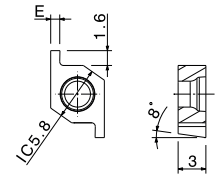


A x B x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
SDGOL & SDGOR			
10 x 10 x 80	15	358867	
12 x 12 x 80	15	358868	

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

Ein L-Werkzeughalter benötigt eine R Wendeschneidplatte
An L toolholder requires R inserts

Wendeschneidplatten für Einstechen *Grooving Inserts*



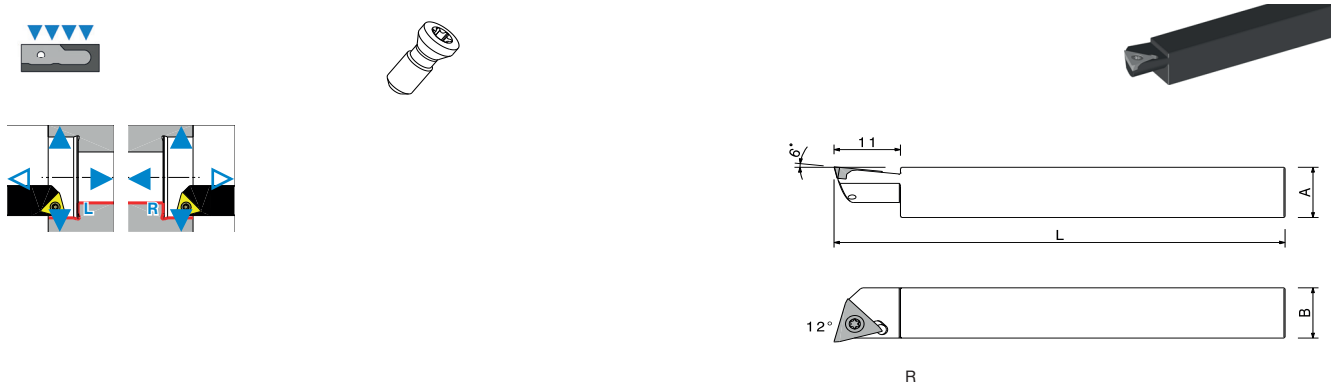
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Weitere Ausführungen auf Anfrage
Other executions on request

STXD

Hochpräzisions-Werkzeughalter für Innenausdrehen
High-precision toolholder for internal turning



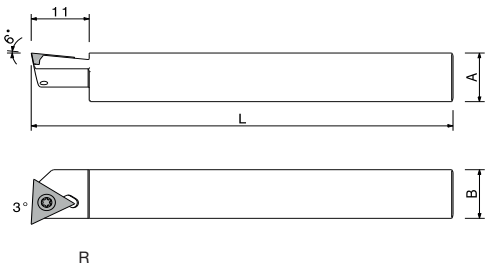
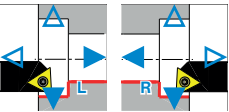
A x B x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
STXDL & STXDR			
10 x 10 x 80	15	396494	396496
12 x 12 x 80	15	396495	396497
20 x 20 x 90	15	393790	393792

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendeschneidplatte
An R toolholder requires R or N inserts

STUD

Hochpräzisions-Werkzeughalter für Innenausdrehen
High-precision toolholder for internal turning



A x B x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
STUDL & STUDR			
10 x 10 x 80	15	304876	304875
12 x 12 x 80	15	304878	304877

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

Ein R-Werkzeughalter benötigt eine R- oder N-Wendescheidplatte
An R toolholder requires R or N inserts

TDHW

Wendeschneidplatten für Feinstdrehen
Inserts for fine internal turning



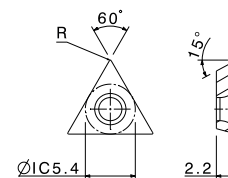
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6		N8	S1	S2	S3		

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



N

Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°
TDHW-FN							
TDHW-FN 0902005	0.05	430105	440164	305345	305350	305355	443802
TDHW-FN 090201	0.10	440166	440165		368917	368224	443803

Weitere Ausführungen auf Anfrage
Other executions on request

TDHX

Wendeschneidplatten für Feinstdrehen
Inserts for fine internal turning

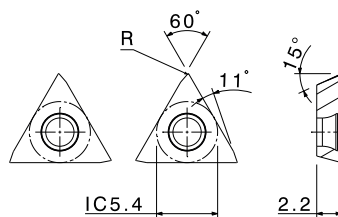


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6		N8	S1	S2	S3		

Schruppen
Roughing



Schlichten
Finishing



L

R

Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°
TDHX-FL						
TDHX-FL 0902005	0.05	440169	440167	305346	305351	305356
TDHX-FL 090202	0.20	440171	440170	305347	305352	305357
TDHX-FR						
TDHX-FR 0902005	0.05	440173	440172	305348	305353	305358
TDHX-FR 090202	0.20	440175	440174	305349	305354	305359

Weitere Ausführungen auf Anfrage
Other executions on request

WDHW

Wendeschneidplatten für Feinstdrehen
Inserts for fine internal turning



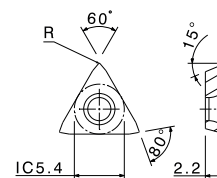
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6		N8	S1	S2	S3		

Schruppen
Roughing

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Schlichten
Finishing

► ► ►



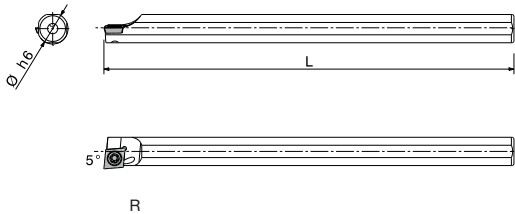
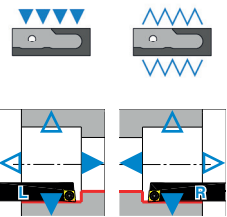
N

Bezeichnung Designation	R	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D10 Art. N°	D20 Art. N°	D30 Art. N°	D60 Art. N°
WDHW-FN							
WDHW-FN 0902005	0.05	440177	440176	400866	400867	400868	400869
WDHW-FN 090201	0.10	399923	440178	400862	400863	400864	400865

Weitere Ausführungen auf Anfrage
Other executions on request

E SCLD

Bohrstangen aus Vollhartmetall mit Innenkühlung
Carbide boring bars with integrated coolant



Ø x L	Ø min.	Dir. L Art. N°	Dir. R Art. N°
E SCLDL & E SCLDR			
4 x 86	4.5		305364
6 x 108	6.5		355938

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

CDHW

Wendeschneidplatten für Innenausdrehen
Inserts for internal turning

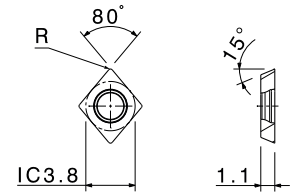


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Schruppen
Roughing



Schlichten
Finishing



N

Bezeichnung Designation	R	D10 Art. N°	PCD Art. N°
CDHW-FN			
CDHW-FN 0401000	0.00	305360	
CDHW-FN 0401005	0.05	305361	403178
CDHW-FN 040101	0.10	305362	400937
CDHW-FN 040102	0.20	305363	403179

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

SD*C*	TP7 M2.2 x 6.5	234212	TP7	436799
SV*C*	TP7 M2.5 x 6.5	381683	TP7	436799
SV*N*	TP9 M3.0 x 7.6	431981	TP9	436800
SD*O* DIASTECH	TP7 M2.2 x 6.5	234212	TP7	436799
ST*D*	TP7 M2.2 x 5.0	305377	TP7	436799
E SC*D*	T6 M2.0 x 2.5	350815	T6	305184

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

S**C* 10x10x120-C	455331 / 456568	T6	305184	450451
S**C* 12x12x120-C	455331 / 456569	T6	305184	450451
S**C* 16x16x120-C	455331 / 455037	T6	305184	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* 10x10x*-Q	455331 / 456568	T6	305184	450442
S**C* 12x12x*-Q	455331 / 456569	T6	305184	450443
S**C* 16x16x*-Q	455331 / 455037	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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