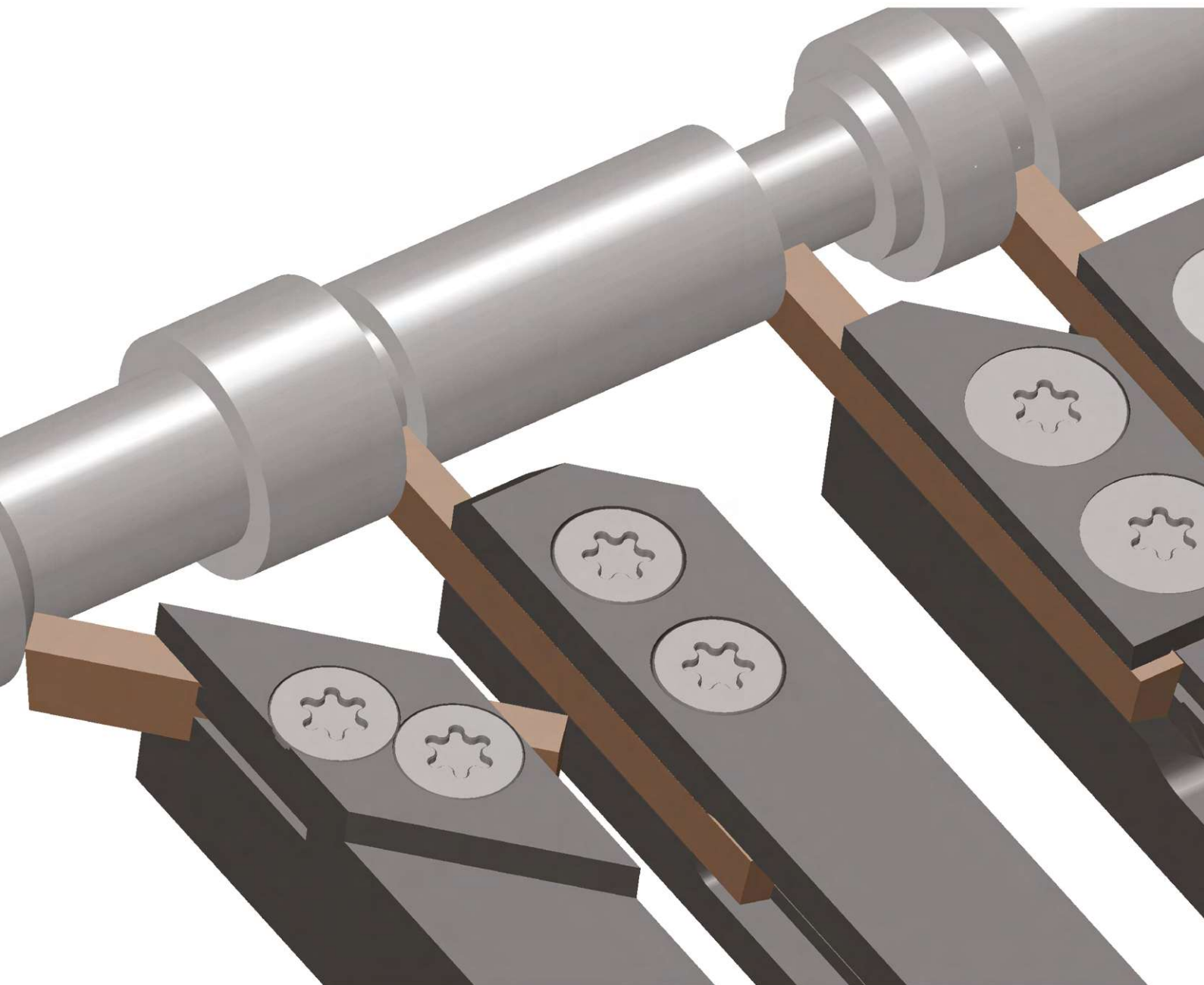


DIAMETAL

DIADec

Klingenprogramm für individuelle Nutzung
Einstechen und Drehen

*Customized program for grooving
and turning blades*



Swiss Cutting Tool

DIADEC

Inhaltsverzeichnis
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DIADEC

Kodierung von Klingen
Codification of blades

01	02	-	03	04	05	Art
KS	5	-	R	2.5x40	PKD	212173

01 Anwendung

Application

KS Stechen / Grooving

KD Drehen / Turning

02 Grösse

Size

5 Klinge 5mm / Blade 5mm

8 Klinge 8mm / Blade 8mm

03 Richtung

Direction

N Neutral / Neutral

L Links / Left

R Rechts / Right

04 Dimensionen

Dimensions

05 Werkstoff

Material

DIADEC

Kodierung von Werkzeughaltern
Codification of toolholders

01	02	03	04	Art
L	S	5	12/14x12x120	207411

01 Richtung

Direction

- L** Links / Left
- R** Rechts / Right
- G** Links/Rechts / Left/Right

02 Typ

Type

- Standard 0° / Standard 0°
- S** Verstärkter Kopf 0° / Reinforced head 0°
- S90** 90°
- S45** 45°

03 Grösse

Size

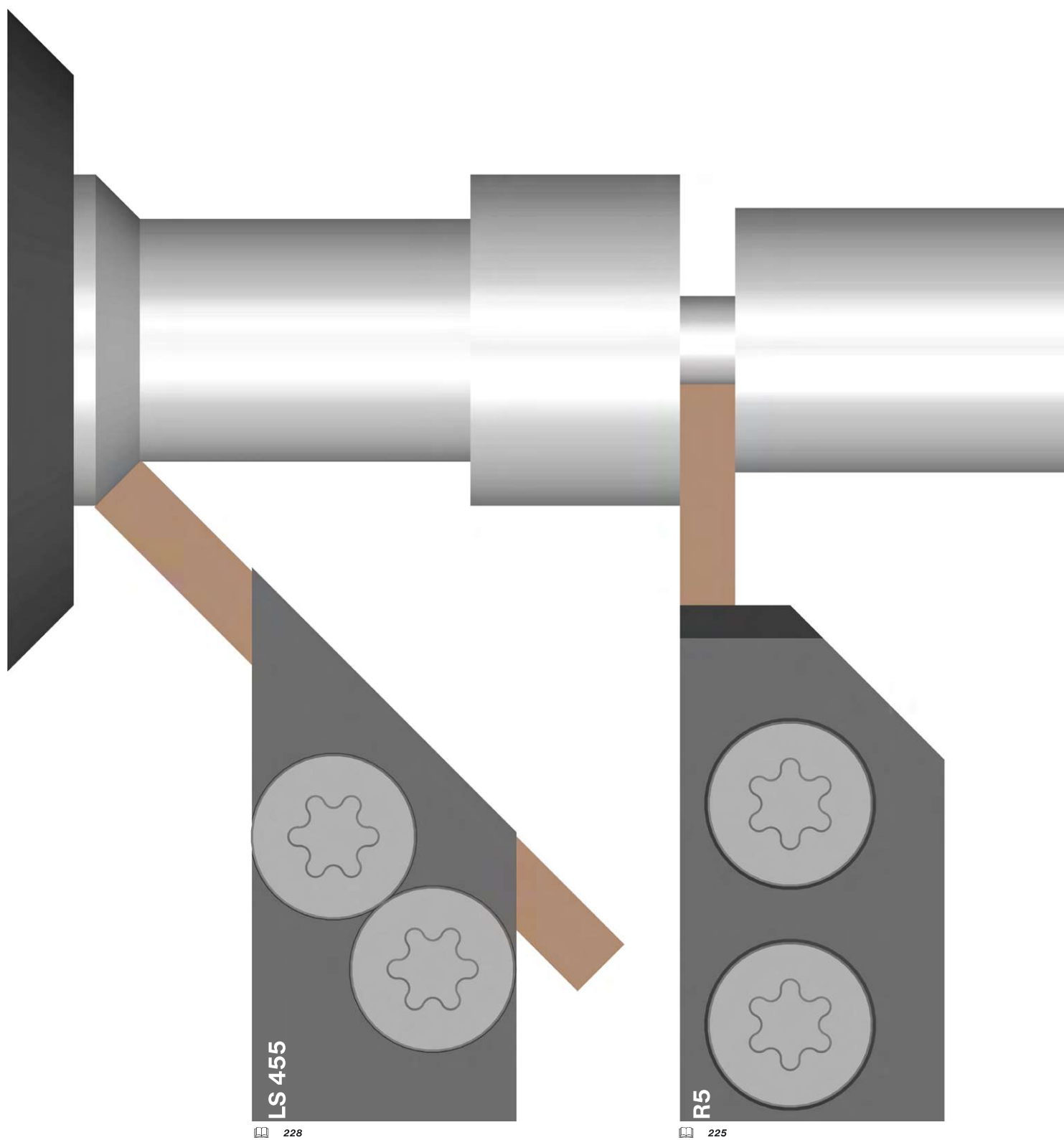
- 5** Klinge 5mm / Blade 5mm
- 8** Klinge 8mm / Blade 8mm

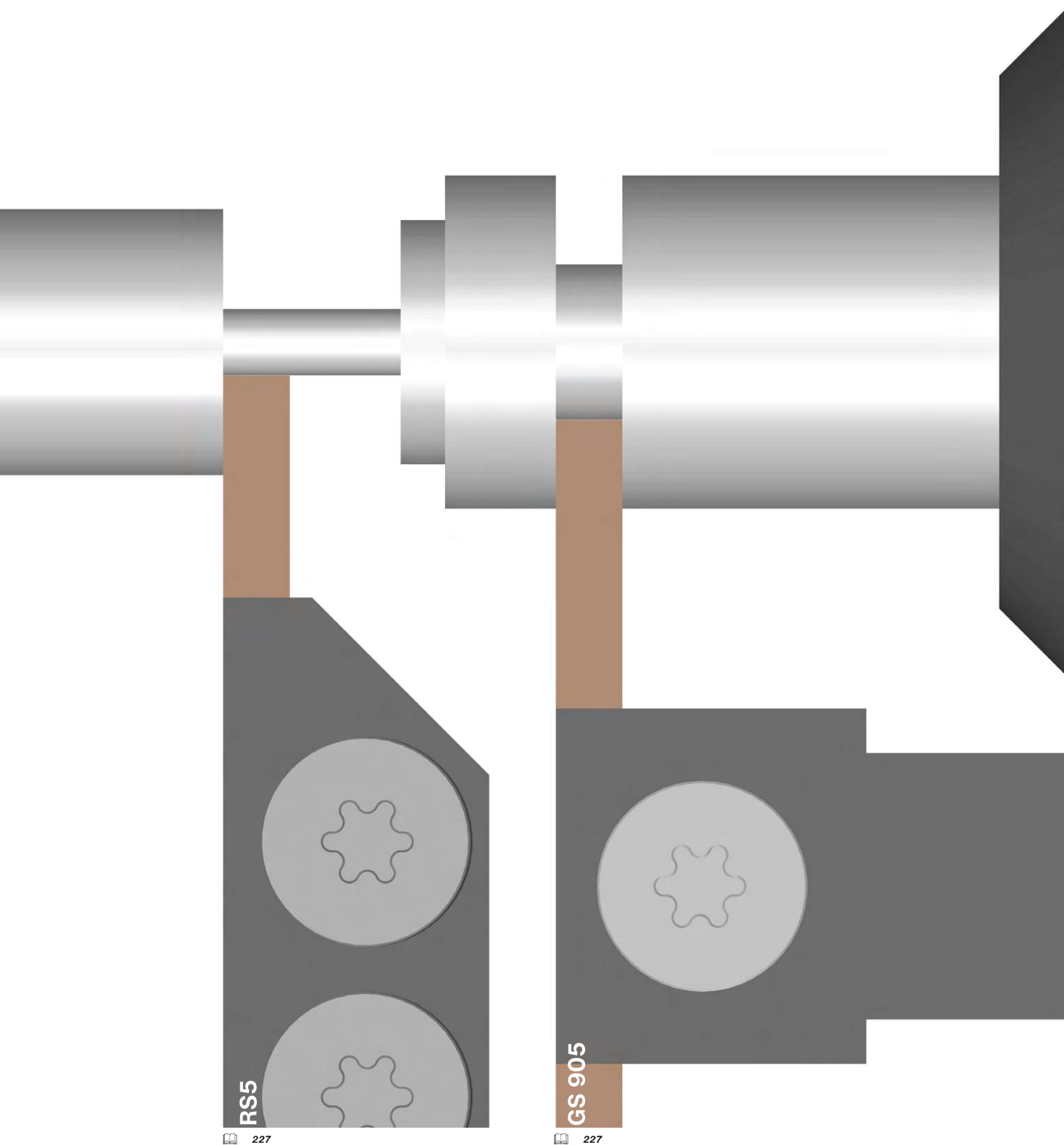
04 Dimensionen

Dimensions

DIADEC

Anwendungen
Applications



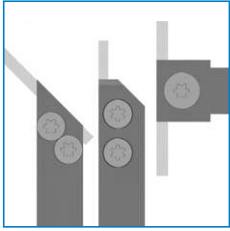


227

227

FEATURES

Stärken
Strengths

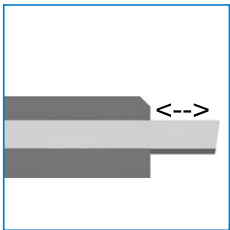


DIADEC: Extrem flexibel und wirtschaftlich

Da jede Klinge in jeden Werkzeughalter passt, ist das DIADEC-Programm sehr flexibel und wirtschaftlich.

DIADEC: an extremely flexible and economical product

As any blade can be mounted on any toolholder, the DIADEC range naturally proves to be highly flexible and economical.

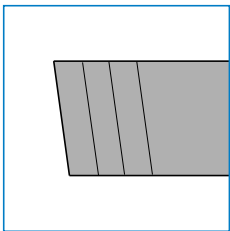


Klingen leicht einstellbar

Eine Stärke des DIADEC-Programms ist die einfache Einstellung der Klingenposition. Das ermöglicht eine flexible Arbeitsmethodik.

Easily adjustable blades

One of the strengths of the DIADEC programme is the simple and unlimited adjustment of the blade position, which allows extremely flexible working.



Einfaches Nachschärfen der Klingen

Das frontale Nachschärfen einer DIADEC-Klinge ist einfach und selbst machbar.

Easily regrindable blades

Frontal resharpening of a DIADEC blade is a very simple and quick operation to perform on your own.

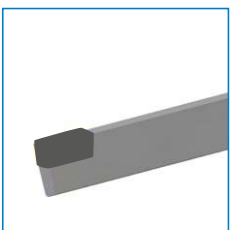


Individuelle Klingen nach Ihren Bedürfnissen

DIADEC-Klingen eignen sich sehr gut für die Profilierung von Sonderformen entsprechend Ihren Bedürfnissen und Anwendungen.

Blades that can be profiled according to your requirements

DIADEC blades can be profiled in special shapes according to your requirements and applications.



Klingen aus PKD verfügbar

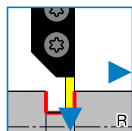
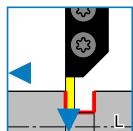
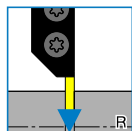
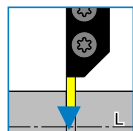
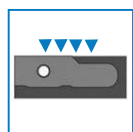
Die DIADEC-Klingen sind auch mit PKD verfügbar für die Bearbeitung von NE-Metallen wie Aluminium, Al-Si-Legierung, Kupfer, Messing, Bronze sowie Graphit, CFK/GFK, MMC, Hartmetall und Edelmetalle.

PCD blades

DIADEC blades are also available with PCD inserts for machining non-ferrous metals such as aluminum, Al-Si alloys, copper, brass, bronze as well as graphite, carbon fibre reinforced plastics, composite materials, hard and precious metals.

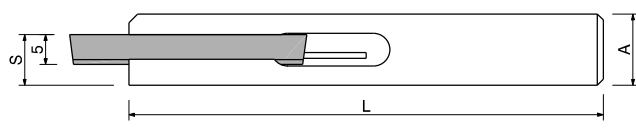
DIADEC 5

Präzisions-Werkzeughalter für KS5- und KD5-Klingen
Precision toolholder for KS5 and KD5 blades



KS5

KD5



R

A x B x L	S	Dir L Art. N°	Dir R Art. N°
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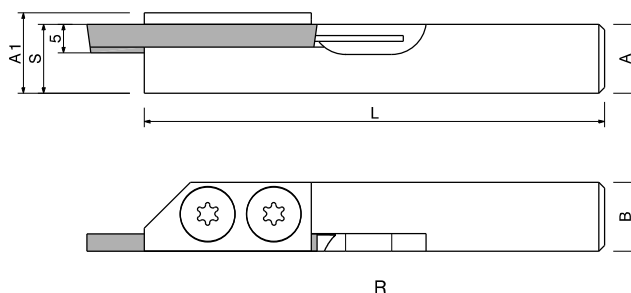
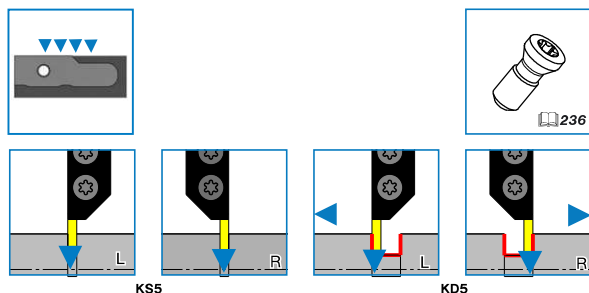
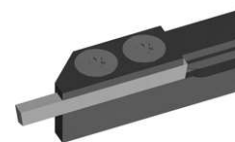
L5 & R5

7 x 7 x 110	6.00	201034	201035
8 x 8 x 110	6.50	201036	201037
10 x 10 x 120	7.50	201038	201039
12 x 12 x 120	8.50	201040	201041
14 x 14 x 120	10.50	201042	201043

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

DIADec S5

Präzisions-Werkzeughalter mit verstärktem Kopf für KS5- und KD5-Klingen
Precision toolholder with reinforced head for KS5 and KD5 blades



A/A1 x B x L	S	Dir L Art. N°	Dir R Art. N°
--------------	---	------------------	------------------

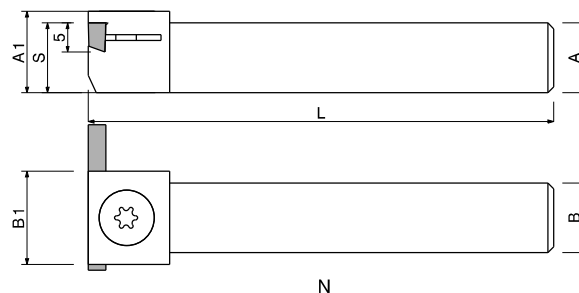
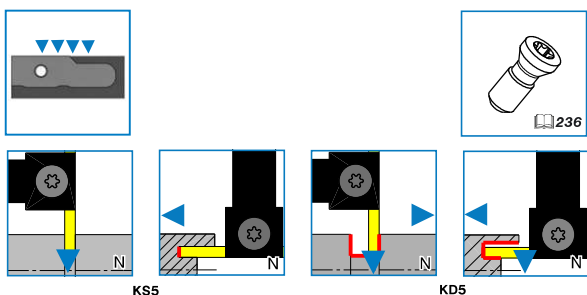
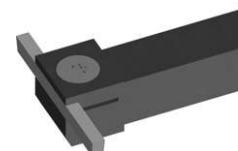
LS5 & RS5

8/10 x 8 x 120	8.00	207415	207416
10/12 x 10 x 120	10.00	207413	207414
12/14 x 12 x 120	12.00	207411	207412
16/18 x 16 x 120	16.00	214597	212616

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

DIADEC GS905

90° Präzisions-Werkzeughalter für KS5 und KD5 Klingen
 90° precision toolholder for KS5 and KD5 blades



A/A1 x B/B1 x L	S	Dir N Art. N°
-----------------	---	------------------

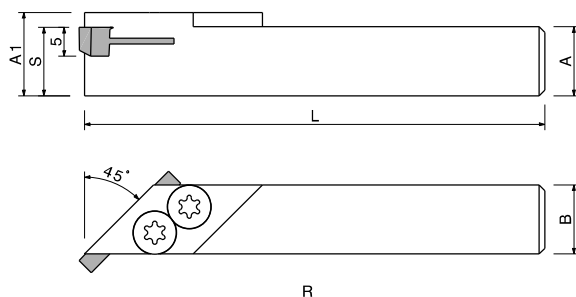
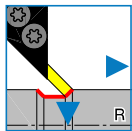
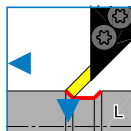
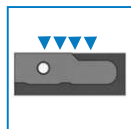
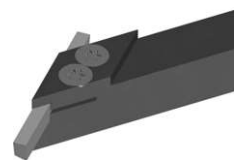
GS905

8/10 x 8/14 x 120	8.00	214440
10/12 x 10/14 x 120	10.00	214441
12/14 x 12/14 x 120	12.00	214442
14/16 x 14 x 120	14.00	212009
16/18 x 16 x 120	16.00	212010
20/22 x 20 x 120	20.00	212011

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

DIADEC S455

45° Präzisions-Werkzeughalter für KS5 und KD5 Klingen
 45° precision toolholder for KS5 and KD5 blades



R

A/A1 x B x L	S	Dir L Art. N°	Dir R Art. N°
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LS455 & RS455

12/14 x 12 x 140	12.00	214443	214444
14/16.5 x 14 x 140	14.00	212004	212003
16/18.5 x 16 x 140	16.00	212005	212006
20/22.5 x 20 x 140	20.00	212008	212007

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

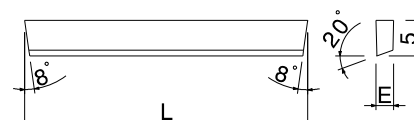
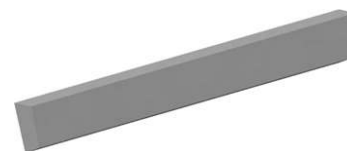
KS5

Stechklingen 5 mm
Parting blades 5 mm



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	▶ ▶ ▶				



E x L	K10/20 Art. N°	MG6 Art. N°	MG7.5 Art. N°	MG10 Art. N°	HSS Art. N°
-------	-------------------	----------------	------------------	-----------------	----------------

KS5-N

2.00 x 20				215229	
2.50 x 20				215230	
3.00 x 20				215231	
0.60 x 40			397178		
0.70 x 40		398845			
0.80 x 40	307125	217408	374843	355178	355179
0.90 x 40		217409			
1.00 x 40	201108	201107	201110	212084	211652
1.10 x 40		217410			
1.20 x 40		217411			
1.30 x 40		217412			
1.40 x 40		217413			
1.50 x 40	201112	201111	201114	212085	207604
1.60 x 40		217414			
1.70 x 40		217415			
1.80 x 40		217416			
1.90 x 40		217417			
2.00 x 40	201116	201115	201118	208447	207605
2.20 x 40		224766			
2.50 x 40	201120	201119	201124	212086	207606
3.00 x 40	201126	201125	201128	212087	207607
4.00 x 40	201130	201129	201132	212088	212860
5.00 x 40		373680			

Andere Ausführungen auf Anfrage
Other executions on request

KS5 PKD

PKD Stechklingen 5 mm

PCD Parting blades 5 mm



N1 N2

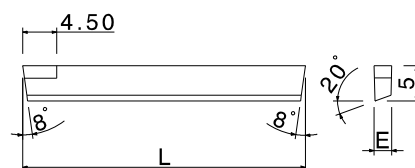
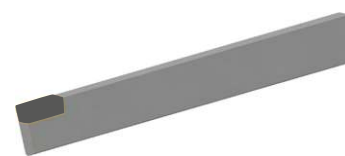
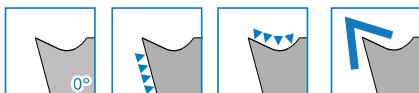
N3 N4 N5 N6 N7 N8 S1 S2

Schruppen
Roughing

-

Schlichten
Finishing

► ► ►



R

E x L	PCD Dir. L Art. N°	PCD Dir. R Art. N°
-------	--------------------------	--------------------------

KS5-L PCD & KS5-R PCD

1.00 x 40	407257	379361
1.50 x 40	399701	380083
2.50 x 40	212173	212172

Andere Ausführungen auf Anfrage
Other executions on request

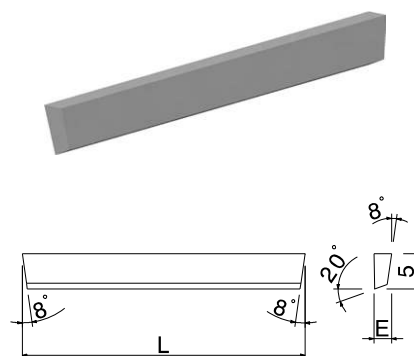
KD5

Drehklingen 5 mm
Turning blades 5 mm



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	▶ ▶ ▶				



E x L	K10/20	MG6	MG7.5	MG10	HSS
	Art. N°	Art. N°	Art. N°	Art. N°	Art. N°

KD5-N

2.50 x 40	201046	201045	201048	212081
3.00 x 40	201050	201049	201052	212082
4.00 x 40	201054	201053	201056	212083

Andere Ausführungen auf Anfrage
Other executions on request

KD5 PKD

PKD Drehklingen 5 mm
PCD Turning blades 5 mm

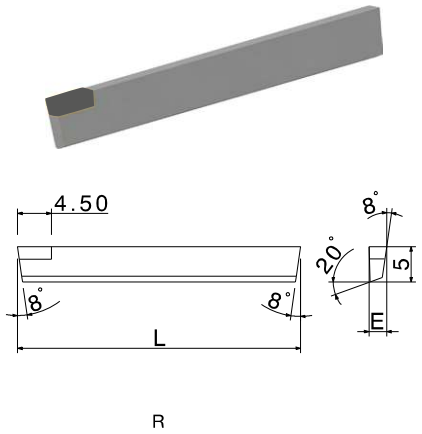


Schruppen Roughing	-				
Schlichten Finishing	▶▶▶				

E x L	PCD Dir. L Art. N°	PCD Dir. R Art. N°
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KD5-L PCD & KD5-R PCD

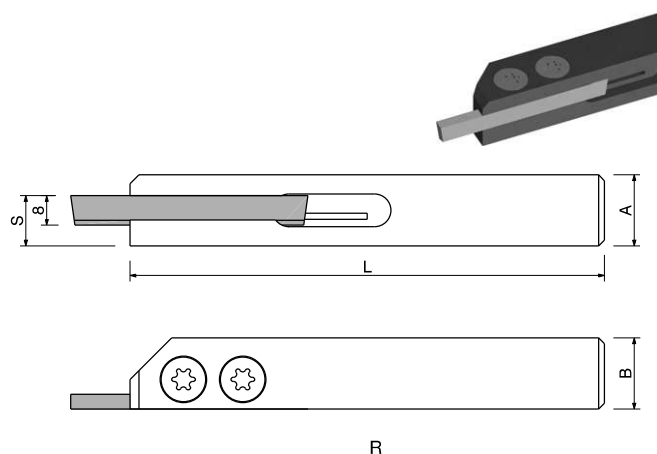
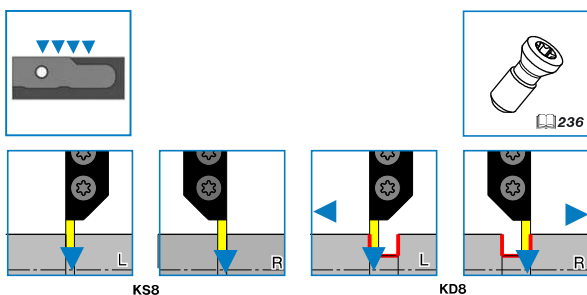
2.50 x 40	212170	212171
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Andere Ausführungen auf Anfrage
Other executions on request

DIADEC 8

Präzisions-Werkzeughalter für KS8 und KD8 Klingen
Precision toolholder for KS8 and KD8 blades



A x B x L	S	Dir L	Dir R
		Art. N°	Art. N°

L8 & R8

16 x 16 x 120	12.50	220797	220799
20 x 20 x 120	16.00	220798	220800

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

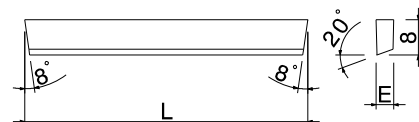
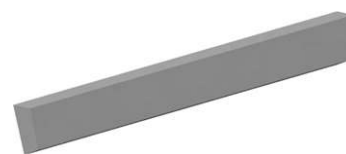
KS8

Stechklingen 8mm
Parting blades 8mm



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	►►►				



E x L	K10/20 Art. N°	MG6 Art. N°	MG7.5 Art. N°	MG10 Art. N°	HSS Art. N°
-------	-------------------	----------------	------------------	-----------------	----------------

KS8-N

0.70 x 50				403607	
1.00 x 50				351190	
1.50 x 50		357523		302175	357226
2.00 x 50		357527		222706	357229
2.50 x 50		431908			
3.00 x 50		357528		220804	357230
4.00 x 50		357530		220805	

Andere Ausführungen auf Anfrage
Other executions on request

KD8

Drehklingen 8mm

Turning blades 8mm



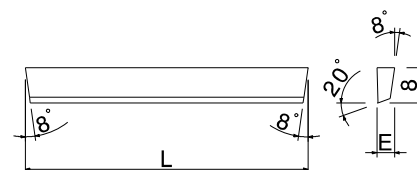
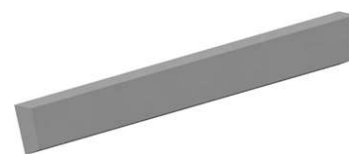
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen Roughing	▶ ▶ ▶				
Schlichten Finishing	▶ ▶ ▶				

E x L	K10/20	MG6	MG7.5	MG10	HSS
	Art. N°	Art. N°	Art. N°	Art. N°	Art. N°

KD8-N

4.00 x 50	220801
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Andere Ausführungen auf Anfrage
Other executions on request

DIADEC

Ersatzteile und Zubehör

Spare parts and accessories

Bezeichnung
Designation

Schraube und Schraubenzieher für Klingen

Screw and screwdriver for inserts

*5 7x7	T10 M3.0 x 6.8	201139	T10	201136
*5 8x8	T10 M3.0 x 7.5	201140	T10	201136
*5 10x10	T20 M4.0 x 9.5	201141	T20	201137
*5 12x12	T25 M5.0 x 11.5	201142	T25	201138
*5 14x14	T25 M5.0 x 11.5	201142	T25	201138
*S5 8/10x8	T10 M3.0 x 7.5	201140	T10	201136
*S5 10/12x10	T20 M4.0 x 9.5	201141	T20	201137
*S5 12/14x12	T25 M5.0 x 11.5	201142	T25	201138
*S5 16/18x16	T25 M5.0 x 11.5	201142	T25	201138
GS905 8/10x8/14	T20 M4.0 x 9.5	201141	T20	201137
GS905 10/12x10/14	T25 M5.0 x 11.5	201142	T25	201138
GS905 12/14x12/14	T25 M5.0 x 11.5	201142	T25	201138
GS905 14/16x14	T25 M5.0 x 11.5	201142	T25	201138
GS905 16/18x16	T25 M5.0 x 11.5	201142	T25	201138
GS905 20/22x20	T25 M5.0 x 11.5	201142	T25	201138
LS455 12/14x12	T10 M3.0 x 7.5	201140	T10	201136
LS455 14/16.5x14	T20 M4.0 x 9.5	201141	T20	201137
LS455 16/18.5x16	T20 M4.0 x 9.5	201141	T20	201137
LS455 20/22.2x20	T25 M5.0 x 11.5	201142	T25	201138
*8 16x16	T25 M5.0 x 15.0	221542	T25	201138
*8 20x20	T30 M6.0 x 16.0	221543	T30	221544