

DIAMETAL®

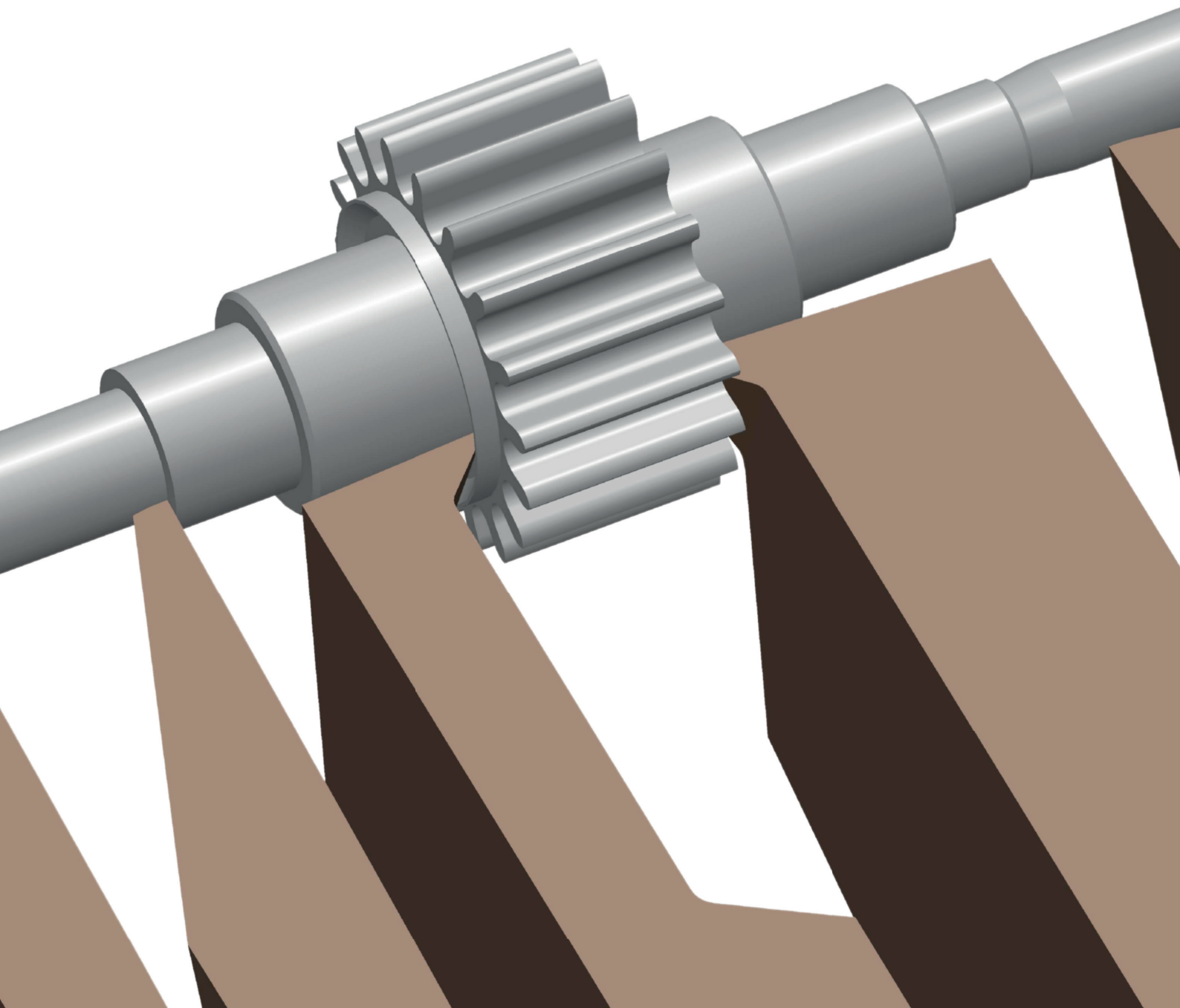
TURNDEC FINECUT

DE·EN

TURNDEC FINECUT

Komplettes Mikrodrehsystem für
Abstechen, Drehen, Gewindedrehen und
Einstiche

*Complete micromachining system for
parting off, turning, threading and groove*





TURNDEC FINECUT

Inhaltverzeichnis
Table of contents

TURNDEC FINECUT

Kodierung
Codification

TURNDEC FINECUT

Anwendungen
Applications

TURNDEC FINECUT

Stärken
Strengths

TURNDEC FINECUT

Werkzeughalter
Tool holder

E6

Ebauche
Blank

A6 FC

Abstechen
Parting off

DV6 FC

Vorwärts Drehen
Front turning

DH6 FC

Rückwärts Drehen
Back turning

SV6 FC

Fronteinstich
Front groove

SH6 FC

Rükeinstich
Back groove

GP6 FC

Gewindedrehen NIHS
NIHS threading

TURNDEC FINECUT

Ersatzteile und Zubehör
Spare parts and accessories

91

92

94

95

96

99

100

102

104

106

108

110

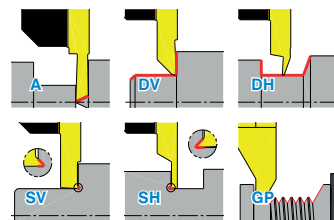
112

TURNDEC FINECUT

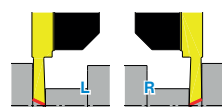
Kodierung von Wendeschneidplatte
Codification of inserts

01	6	02	FC	03	04	05	Art. N°
DV	6	R	FC	G	0.10 x 0.50 x 4.00	DWS	438475

01 Anwendung Application



02 Richtung Direction



03 Geschliffene Freiwinkel Ground clearance angles



04 Dimensionen Dimensions

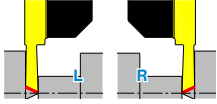
05 Beschichtung Coating

TURNDEC FINECUT

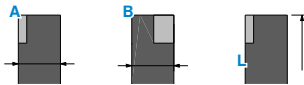
Kodierung Werkzeughalter
Codification tool holder

01	6	02	03	Art. N°
L	6	12 x 12 x 120	C	448002

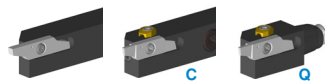
01 Richtung Direction



02 Dimensionen Dimensions



03 Ausführung Execution



TURNDEC FINECUT

Anwendungen
Applications

Anwendung Application	Abstechen Parting off	Vorwärts Drehen Front turning	Rückwärts Drehen Back turning	Front Einstich Front groove	Rück Einstich Back groove	Gewindedrehen Threading
Funktion Function						
Bezeichnung Designation	A6 FC	DV6 FC	DH6 FC	SV6 FC	SH6 FC	GP6 FC
						
Schruppen Roughing	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
Schlichten Finishing	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
Seite Page						

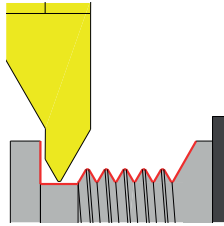
ISO	Werkstoffe Materials						
P1	Automatenstahl Free-cutting steel	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
P2	Automatenstahl bleifrei Lead-free free-cutting steel	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
P3	Unlegierter Stahl (Rm < 800 N/mm²) Unalloyed steel (Rm < 800 N/mm²)	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶	▶ ▶ ▶
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

Richtwerte
Indicative values

TURNDEC FINECUT

Stärken
Strengths



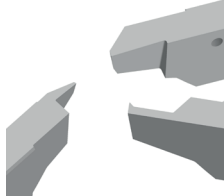
GP FC: Das neue Sortiment von Gewindedrehplatten nach NIHS

Die neue GP-Wendeschneidplatte ermöglicht Gewinde ab S0.3 nach der Norm NIHS 06-05 zu zerspanen.

GP FC: the new range of threading inserts according to NIHS

The new range of GP FC inserts allows threads from S0.3 according to NIHS 06-05.

Qualität der Schneidkanten



Dank der Expertise in der Entwicklung und Produktion von Schleifwerkzeuge beherrschen wir das Schleifen der Schneidkanten von Wendeschneidplatten perfekt.

Quality of sharp edges

Our experience in the development and production of abrasive tools allows us to master the quality of the edge, resulting in perfect cutting edges.

Bearbeitung der Schneidkanten nach dem Beschichten

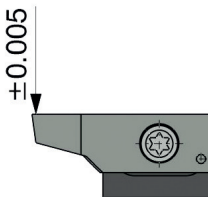


Um eine ultrascharfe Schneidkante zu garantieren, werden die Freiwinkel nach dem Beschichten geschliffen. Daraus folgt, dass eine höhere Zerspanungsgenauigkeit erlangt wird.

Machining sharp edges after coating

To ensure an ultra-sharp cutting edge and extreme machining precision, the edges can be ground after coating.

Zuverlässigkeit der Prozesse

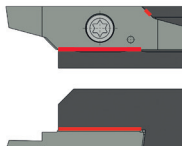


Da TURNDEC Werkzeughalter und Wendeschneidplatten geschliffen werden, sind die Kontinuität und Stabilität Ihrer Prozesse ohne Unterbruch beim Wechsel der Wendeschneidplatte garantiert.

Repeatability of the process

TURNDEC tool holders and inserts being ground, the continuity and stability of your processes are guaranteed without interruption during their replacement.

1 Schraube, 3 Stützpunkte: einfach und stabil



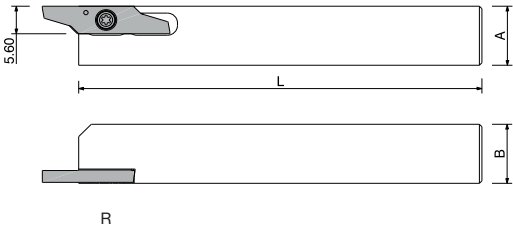
Das einzigartige TURNDEC 1-Schrauben-Spannsystem ermöglicht einen schnellen Wechsel der Wendeschneidplatte.

1 screw and 3 support points: speed and rigidity

The unique TURNDEC 1-screw clamping system allows for the rapid replacement of worn or damaged inserts.

TURNDEC FINECUT

Präzisions-Werkzeughalter für Mikrotechnik
Precision toolholder for microtechnics

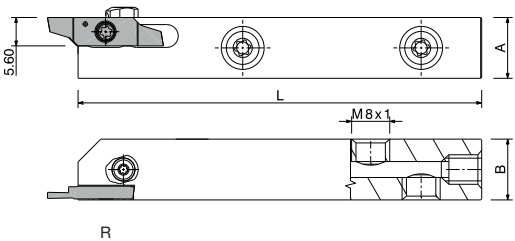


A x B x L	Dir. L Art. N°	Dir. R Art. N°
L6 & R6		
7 × 7 × 110	381932	381933
8 × 8 × 110	378819	378820
10 × 10 × 120	378813	378816
12 × 12 × 120	378814	378817
16 × 16 × 120	448000	404104

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

TURNDEC FINECUT

Präzisions-Werkzeughalter mit Innenkühlung
Precision toolholders with integrated coolant

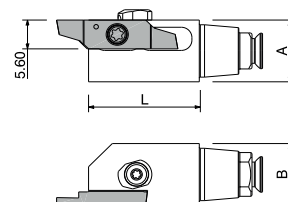
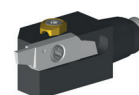


A x B x L		Dir. L Art. N°	Dir. R Art. N°
L6-C & R6-C			
10 x 10 x 120		448001	448004
12 x 12 x 120		448002	448005
16 x 16 x 120		448003	448006

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

TURNDEC FINECUT

Präzisions-Schnellwechselschneidköpfe mit Innenkühlung
Precision quick interchangeable heads with integrated coolant

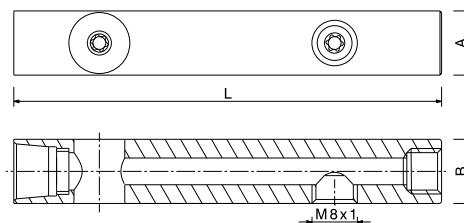


R

A x B x L	Dir. L Art. N°	Dir. R Art. N°
L6-Q & R6-Q		
10 x 10 x 21	448016	448019
12 x 12 x 21	448017	448020
16 x 16 x 21	448018	448021

Q

Grundhalter für Schnellwechselköpfe
Tool holder for quick interchangeable heads

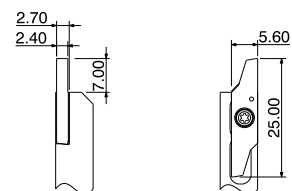
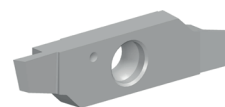


A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

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

E6Ebauche
Blank

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



E6-L

E6-R

Dir.	Unbeschichtet Uncoated Art. N°
E6-L	
L	444997
E6-R	
R	444998

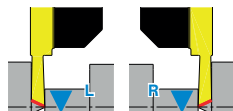
A6 FC

Abstechen
Parting off

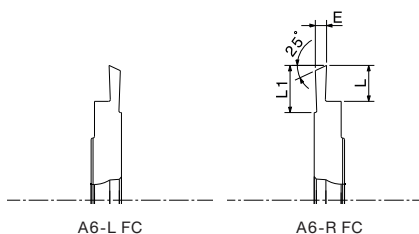


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	L1	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----	--------------------------------------	----------------	----------------	----------------

A6-L FC

L	0.50	3.00	4.00	449916	449857	449886	449915
L	0.80	3.00	4.00	437536	440509	426902	426905
L	1.00	3.00	4.00	437537	442754	426903	426906
L	1.20	3.00	4.00	437538	439319	426904	426907

A6-R FC

R	0.50	3.00	4.00	449917	449918	449919	449920
R	0.80	3.00	4.00	437533	442753	426962	426965
R	1.00	3.00	4.00	437534	440215	426963	426966
R	1.20	3.00	4.00	437535	439641	426964	426967

Weitere Ausführungen auf Anfrage
Other executions on request

A6 FC G

Abstechen mit geschliffenen Freiwinkeln nach der Beschichtung
Parting off with ground clearance angle after coating

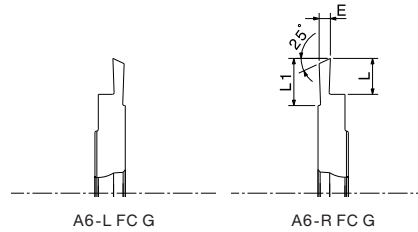
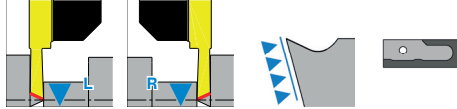


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	L1	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----	--------------------------------------	----------------	----------------	----------------

A6-L FC G

L	0.50	3.00	4.00	-	449929	449930	449931
L	0.80	3.00	4.00	-	442758	426908	426911
L	1.00	3.00	4.00	-	442760	426909	426912
L	1.20	3.00	4.00	-	442762	426910	426913

A6-R FC G

R	0.50	3.00	4.00	-	449932	449933	449934
R	0.80	3.00	4.00	-	442759	426968	426971
R	1.00	3.00	4.00	-	442761	426969	426972
R	1.20	3.00	4.00	-	442763	426970	426973

Weitere Ausführungen auf Anfrage
Other executions on request

DV6 FC

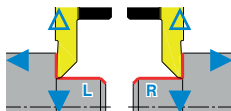
Vorwärts Drehen
Front turning



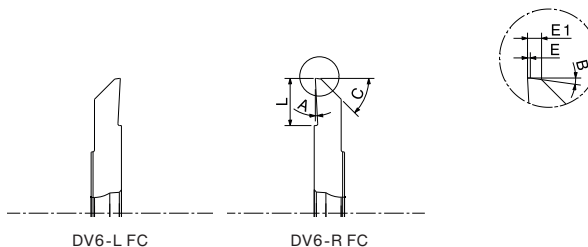
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2



Schruppen
Roughing



Schlichten
Finishing



Dir.	E	E1	L	A	B	C	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	----	---	---	---	---	--------------------------------------	----------------	----------------	----------------

DV6-L FC

L	0.03	-	4.00	3.0°	-	45.0°	437549	442764	426914	426918
L	0.10	-	4.00	3.0°	-	45.0°	437550	440243	426915	426919
L	0.03	0.10	4.00	3.0°	8.0°	45.0°	437551	436062	426916	426920
L	0.10	0.50	4.00	3.0°	8.0°	45.0°	437552	442770	426917	426921

DV6-R FC

R	0.03	-	4.00	3.0°	-	45.0°	437545	439657	426974	426978
R	0.10	-	4.00	3.0°	-	45.0°	437546	441054	426975	426979
R	0.03	0.10	4.00	3.0°	8.0°	45.0°	437547	436063	426976	426980
R	0.10	0.50	4.00	3.0°	8.0°	45.0°	437548	436061	426977	426981

Weitere Ausführungen auf Anfrage
Other executions on request

DV6 FC G

Vorwärts Drehen mit geschliffenen Freiwinkeln nach der Beschichtung
Front turning with ground clearance angle after coating

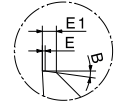
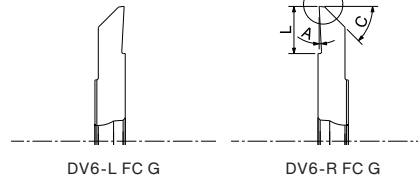
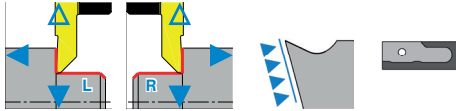


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	E1	L	A	B	C	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	----	---	---	---	---	--------------------------------------	----------------	----------------	----------------

DV6-L FC G

L	0.03	-	4.00	3.0°	-	45.0°	-	442774	426922	426926
L	0.10	-	4.00	3.0°	-	45.0°	-	440127	426923	426927
L	0.03	0.10	4.00	3.0°	8.0°	45.0°	-	442778	426924	426928
L	0.10	0.50	4.00	3.0°	8.0°	45.0°	-	442780	426925	426929

DV6-R FC G

R	0.03	-	4.00	3.0°	-	45.0°	-	442775	426982	426986
R	0.10	-	4.00	3.0°	-	45.0°	-	442777	426983	426987
R	0.03	0.10	4.00	3.0°	8.0°	45.0°	-	440128	426984	426988
R	0.10	0.50	4.00	3.0°	8.0°	45.0°	-	438475	426985	426989

Weitere Ausführungen auf Anfrage
Other executions on request

DH6 FC

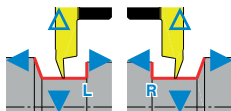
Rückwärts Drehen
Back turning



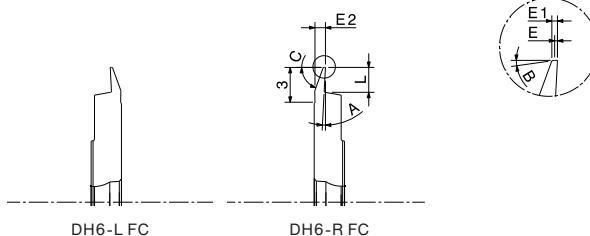
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2



Schruppen
Roughing



Schlichten
Finishing



Dir.	E	E1	E2	L	A	B	C	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	----	----	---	---	---	---	--------------------------------------	----------------	----------------	----------------

DH6-L FC

L	0.10	-	0.80	2.20	3.0°	-	45.0°	437575	442782	426930	426938
L	0.03	-	0.80	2.20	3.0°	-	70.0°	437576	440300	426931	426939
L	0.10	-	0.80	2.20	3.0°	-	70.0°	437577	442786	426932	426940
L	0.03	0.10	0.80	2.20	3.0°	8.0°	70.0°	437578	442886	426933	426941
L	0.10	-	1.00	2.70	3.0°	-	45.0°	437579	440734	426934	426942
L	0.03	-	1.00	2.70	3.0°	-	70.0°	437580	440323	426935	426943
L	0.10	-	1.00	2.70	3.0°	-	70.0°	437581	442884	426936	426944
L	0.03	0.10	1.00	2.70	3.0°	8.0°	70.0°	437582	441023	426937	426945

DH6-R FC

R	0.10	-	0.80	2.20	3.0°	-	45.0°	437560	441975	426990	426998
R	0.03	-	0.80	2.20	3.0°	-	70.0°	437561	440723	426991	426999
R	0.10	-	0.80	2.20	3.0°	-	70.0°	437562	434797	426992	427000
R	0.03	0.10	0.80	2.20	3.0°	8.0°	70.0°	437563	438421	426993	427001
R	0.10	-	1.00	2.70	3.0°	-	45.0°	437564	439642	426994	427002
R	0.03	-	1.00	2.70	3.0°	-	70.0°	437565	442840	426995	427003
R	0.10	-	1.00	2.70	3.0°	-	70.0°	437566	440126	426996	427004
R	0.03	0.10	1.00	2.70	3.0°	8.0°	70.0°	437567	438422	426997	427005

Weitere Ausführungen auf Anfrage
Other executions on request

DH6 FC G

Rückwärts Drehen mit geschliffenen Freiwinkeln nach der Beschichtung
Back turning with ground clearance angle after coating

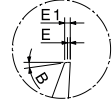
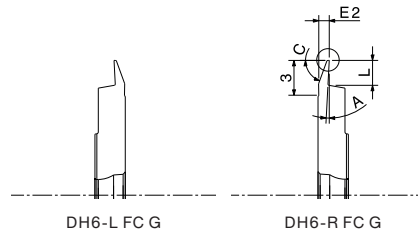
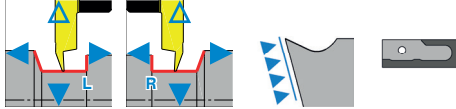


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	E1	E2	L	A	B	C	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	----	----	---	---	---	---	--------------------------------------	----------------	----------------	----------------

DH6-L FC G

L	0.10	-	0.80	2.20	3.0°	-	45.0°	-	442890	426946	426954
L	0.03	-	0.80	2.20	3.0°	-	70.0°	-	442892	426947	426955
L	0.10	-	0.80	2.20	3.0°	-	70.0°	-	442894	426948	426956
L	0.03	0.10	0.80	2.20	3.0°	8.0°	70.0°	-	442906	426949	426957
L	0.10	-	1.00	2.70	3.0°	-	45.0°	-	442896	426950	426958
L	0.03	-	1.00	2.70	3.0°	-	70.0°	-	442898	426951	426959
L	0.10	-	1.00	2.70	3.0°	-	70.0°	-	442900	426952	426960
L	0.03	0.10	1.00	2.70	3.0°	8.0°	70.0°	-	442908	426953	426961

DH6-R FC G

R	0.10	-	0.80	2.20	3.0°	-	45.0°	-	440214	427006	427014
R	0.03	-	0.80	2.20	3.0°	-	70.0°	-	442893	427007	427015
R	0.10	-	0.80	2.20	3.0°	-	70.0°	-	442895	427008	427016
R	0.03	0.10	0.80	2.20	3.0°	8.0°	70.0°	-	442907	427009	427017
R	0.10	-	1.00	2.70	3.0°	-	45.0°	-	442897	427010	427018
R	0.03	-	1.00	2.70	3.0°	-	70.0°	-	442899	427011	427019
R	0.10	-	1.00	2.70	3.0°	-	70.0°	-	442901	427012	427020
R	0.03	0.10	1.00	2.70	3.0°	8.0°	70.0°	-	438476	427013	427021

Weitere Ausführungen auf Anfrage
Other executions on request

SV6 FC

Fronteinstich
Front groove

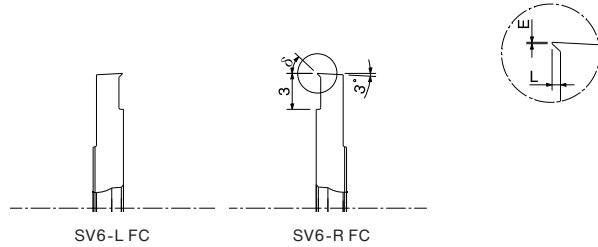


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	δ	$\varnothing$ min.	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----------	--------------------	--------------------------------------	----------------	----------------	----------------

SV6-L FC

L	0.03	0.20	45.0°	0.00	449959	449962	449965	449968
L	0.05	0.30	45.0°	0.00	449960	449963	449966	449969
L	0.08	0.50	45.0°	0.00	449961	449964	449967	449970
L	0.03	0.20	43.0°	0.00	450762	450763	450764	450765
L	0.05	0.30	43.0°	0.00	450766	450767	450768	450769
L	0.08	0.50	43.0°	0.00	450770	450771	450772	450773

SV6-R FC

R	0.03	0.20	45.0°	0.00	436497	436547	431711	431755
R	0.05	0.30	45.0°	0.00	436498	436548	431757	431758
R	0.08	0.50	45.0°	0.00	449971	449981	449991	450001
R	0.03	0.20	43.0°	0.00	450774	450775	450776	450777
R	0.05	0.30	43.0°	0.00	450778	450779	450780	450781
R	0.08	0.50	43.0°	0.00	450782	450783	450784	450785

Weitere Ausführungen auf Anfrage
Other executions on request

SV6 FC G

Fronteinstich mit geschliffenen Freiwinkeln nach der Beschichtung
Front groove with ground clearance angle after coating

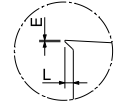
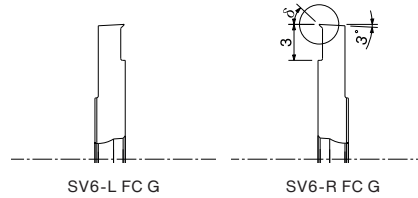
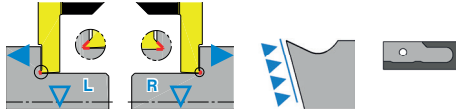


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	δ	$\varnothing$ min.	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----------	--------------------	--------------------------------------	----------------	----------------	----------------

SV6-L FC G

L	0.03	0.20	45.0°	0.00	-	449982	449992	450002
L	0.05	0.30	45.0°	0.00	-	449983	449993	450003
L	0.08	0.50	45.0°	0.00	-	449984	449994	450004
L	0.03	0.20	43.0°	0.00	-	450834	450835	450836
L	0.05	0.30	43.0°	0.00	-	450837	450838	450839
L	0.08	0.50	43.0°	0.00	-	450840	450841	450842

SV6-R FC G

R	0.03	0.20	45.0°	0.00	-	449985	449995	450005
R	0.05	0.30	45.0°	0.00	-	449986	449996	450006
R	0.08	0.50	45.0°	0.00	-	449987	449997	450007
R	0.03	0.20	43.0°	0.00	-	450843	450844	450845
R	0.05	0.30	43.0°	0.00	-	450846	450847	450848
R	0.08	0.50	43.0°	0.00	-	450849	450850	450851

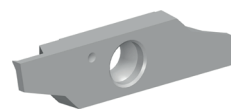
Weitere Ausführungen auf Anfrage
Other executions on request

SH6 FC

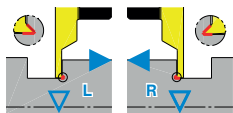
Rückeinstisch
Back groove



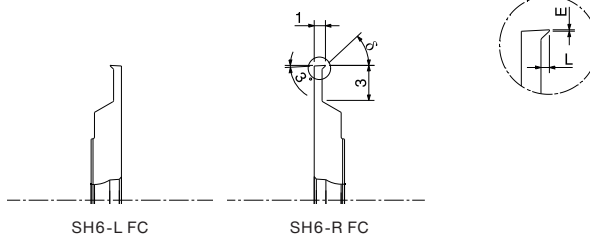
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			



Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	δ	$\varnothing$ min.	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----------	--------------------	--------------------------------------	----------------	----------------	----------------

SH6-L FC

L	0.03	0.20	45.0°	0.00	449978	449988	449998	450008
L	0.05	0.30	45.0°	0.00	449979	449989	449999	450009
L	0.08	0.50	45.0°	0.00	449980	449990	450000	450010
L	0.03	0.20	43.0°	0.00	450852	450853	450854	450855
L	0.05	0.30	43.0°	0.00	450856	450857	452960	452961
L	0.08	0.50	43.0°	0.00	452962	452963	452964	452965

SH6-R FC

R	0.03	0.20	45.0°	0.00	436499	436549	431760	431761
R	0.05	0.30	45.0°	0.00	436500	436550	431763	431764
R	0.08	0.50	45.0°	0.00	450011	450062	450113	450164
R	0.03	0.20	43.0°	0.00	452966	452967	452968	452969
R	0.05	0.30	43.0°	0.00	452970	452971	452972	452973
R	0.08	0.50	43.0°	0.00	452974	452975	452976	452977

Weitere Ausführungen auf Anfrage
Other executions on request

SH6 FC G

Rückeinstisch mit geschliffenen Freiwinkeln nach der Beschichtung
Back groove with ground clearance angle after coating

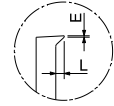
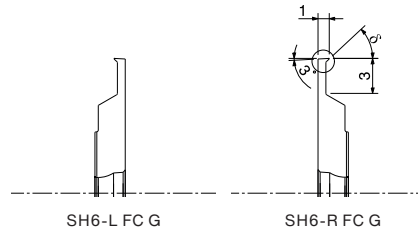
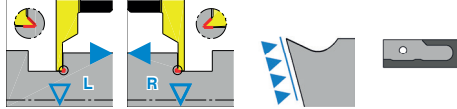


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Schruppen
Roughing



Schlichten
Finishing



Dir.	E	L	δ	$\varnothing$ min.	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---	---	----------	--------------------	--------------------------------------	----------------	----------------	----------------

SH6-L FC G

L	0.03	0.20	45.0°	0.00	-	450063	450114	450165
L	0.05	0.30	45.0°	0.00	-	450064	450115	450166
L	0.08	0.50	45.0°	0.00	-	450065	450116	450167
L	0.03	0.20	43.0°	0.00	-	452978	452979	452980
L	0.05	0.30	43.0°	0.00	-	452981	452982	452983
L	0.08	0.50	43.0°	0.00	-	452984	452985	452986

SH6-R FC G

R	0.03	0.20	45.0°	0.00	-	450066	450117	450168
R	0.05	0.30	45.0°	0.00	-	450067	450118	450169
R	0.08	0.50	45.0°	0.00	-	450068	450119	450170
R	0.03	0.20	43.0°	0.00	-	452987	452988	452989
R	0.05	0.30	43.0°	0.00	-	452990	452991	452992
R	0.08	0.50	43.0°	0.00	-	452993	452994	452995

Weitere Ausführungen auf Anfrage
Other executions on request

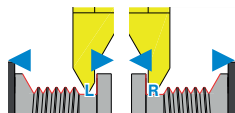
GP6 FC

Gewindedrehen NIHS
Threading NIHS

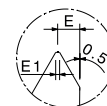
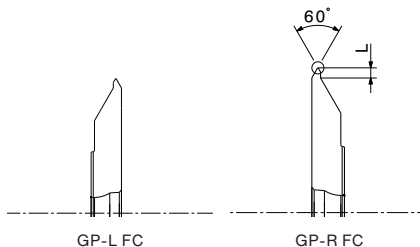


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	Gewindedrehen Threading S	Steigung Pitch P	E	E1	L	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---------------------------------	------------------------	---	----	---	--------------------------------------	----------------	----------------	----------------

GP6-L FC

L	S0.30	0.080	0.050	0.015	0.60	450018	450069	450120	450171
L	S0.35	0.090	0.050	0.015	0.60	450019	450070	450121	450172
L	S0.40	0.100	0.050	0.015	0.60	450020	450071	450122	450173
L	S0.50	0.125	0.075	0.020	0.80	450021	450072	450123	450174
L	S0.60	0.150	0.075	0.020	0.80	450022	450073	450124	450175
L	S0.70	0.175	0.125	0.030	1.20	450023	450074	450125	450176
L	S0.80	0.200	0.125	0.030	1.20	450024	450075	450126	450177
L	S0.90	0.225	0.125	0.030	1.20	450025	450076	450127	450178
L	S1.00	0.250	0.125	0.030	1.20	450026	450077	450128	450179
L	S1.20	0.250	0.125	0.030	1.20	450027	450078	450129	450180
L	S1.40	0.300	0.225	0.040	1.80	450028	450079	450130	450181

GP6-R FC

R	S0.30	0.080	0.050	0.015	0.60	450029	450080	450131	450182
R	S0.35	0.090	0.050	0.015	0.60	450030	450081	450132	450183
R	S0.40	0.100	0.050	0.015	0.60	450031	450082	450133	450184
R	S0.50	0.125	0.075	0.020	0.80	450032	450083	450134	450185
R	S0.60	0.150	0.075	0.020	0.80	450033	450084	450135	450186
R	S0.70	0.175	0.125	0.030	1.20	450034	450085	450136	450187
R	S0.80	0.200	0.125	0.030	1.20	450035	450086	450137	450188
R	S0.90	0.225	0.125	0.030	1.20	450036	450087	450138	450189
R	S1.00	0.250	0.125	0.030	1.20	450037	450088	450139	450190
R	S1.20	0.250	0.125	0.030	1.20	450038	450089	450140	450191
R	S1.40	0.300	0.225	0.040	1.80	450039	450090	450141	450192

Weitere Ausführungen auf Anfrage
Other executions on request

GP6 FC G

Gewindedrehen NIHS mit geschliffenen Freiwinkeln nach der Beschichtung
Threading NIHS with ground clearance angle after coating

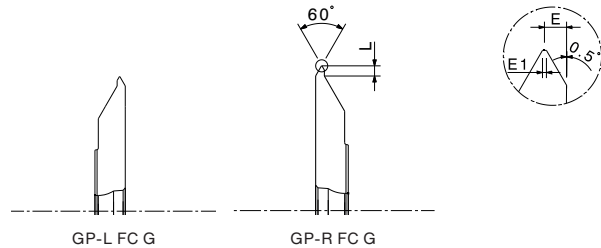
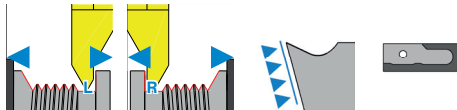


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



Dir.	Gewindedrehen Threading S	Steigung Pitch P	E	E1	L	Unbeschichtet Uncoated Art. N°	DWS Art. N°	D30 Art. N°	D60 Art. N°
------	---------------------------------	------------------------	---	----	---	--------------------------------------	----------------	----------------	----------------

GP6-L FC G

L	S0.30	0.080	0.050	0.015	0.60	-	450091	450142	450193
L	S0.35	0.090	0.050	0.015	0.60	-	450092	450143	450194
L	S0.40	0.100	0.050	0.015	0.60	-	450093	450144	450195
L	S0.50	0.125	0.075	0.020	0.80	-	450094	450145	450196
L	S0.60	0.150	0.075	0.020	0.80	-	450095	450146	450197
L	S0.70	0.175	0.125	0.030	1.20	-	450096	450147	450198
L	S0.80	0.200	0.125	0.030	1.20	-	450097	450148	450199
L	S0.90	0.225	0.125	0.030	1.20	-	450098	450149	450200
L	S1.00	0.250	0.125	0.030	1.20	-	450099	450150	450201
L	S1.20	0.250	0.125	0.030	1.20	-	450100	450151	450202
L	S1.40	0.300	0.225	0.040	1.80	-	450101	450152	450203

GP6-R FC G

R	S0.30	0.080	0.050	0.015	0.60	-	450102	450153	450204
R	S0.35	0.090	0.050	0.015	0.60	-	450103	450154	450205
R	S0.40	0.100	0.050	0.015	0.60	-	450104	450155	450206
R	S0.50	0.125	0.075	0.020	0.80	-	450105	450156	450207
R	S0.60	0.150	0.075	0.020	0.80	-	450106	450157	450208
R	S0.70	0.175	0.125	0.030	1.20	-	450107	450158	450209
R	S0.80	0.200	0.125	0.030	1.20	-	450108	450159	450210
R	S0.90	0.225	0.125	0.030	1.20	-	450109	450160	450211
R	S1.00	0.250	0.125	0.030	1.20	-	450110	450161	450212
R	S1.20	0.250	0.125	0.030	1.20	-	450111	450162	450213
R	S1.40	0.300	0.225	0.040	1.80	-	450112	450163	450214

Weitere Ausführungen auf Anfrage
Other executions on request

TURNDEC FINECUT

Ersatzteile und Zubehör
Spare parts and accessories

Bezeichnung Designation		
----------------------------	---	---

Schraube und Schraubenzieher für Wendeschneidplatten
Screw and screwdriver for inserts

L6 & R6	TP7 M2.5 x 6.5	381683	TP7	436799
---------	----------------	---------------	-----	---------------

Bezeichnung Designation				
----------------------------	---	---	---	---

Ersatzteile für Werkzeughalter mit Innenkühlung
Parts for toolholders with integrated coolant

L6 & R6-C 10x10x120-C	455311 / 456568	T6	305184	450451
L6 & R6-C 12x12x120-C	455331 / 456569	T6	305184	450451
L6 & R6-C 16x16x120-C	455331 / 455037	T6	305184	450451

Bezeichnung Designation				
----------------------------	---	---	---	---

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

L6 & R6-C 10x10x21-Q	455311 / 456568	T6	305184	450442
L6 & R6-C 12x12x21-Q	455331 / 456569	T6	305184	450443
L6 & R6-C 16x16x21-Q	455331 / 455037	T6	305184	450444

Bezeichnung Designation				
----------------------------	--	--	--	--

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



www.diametal.com