

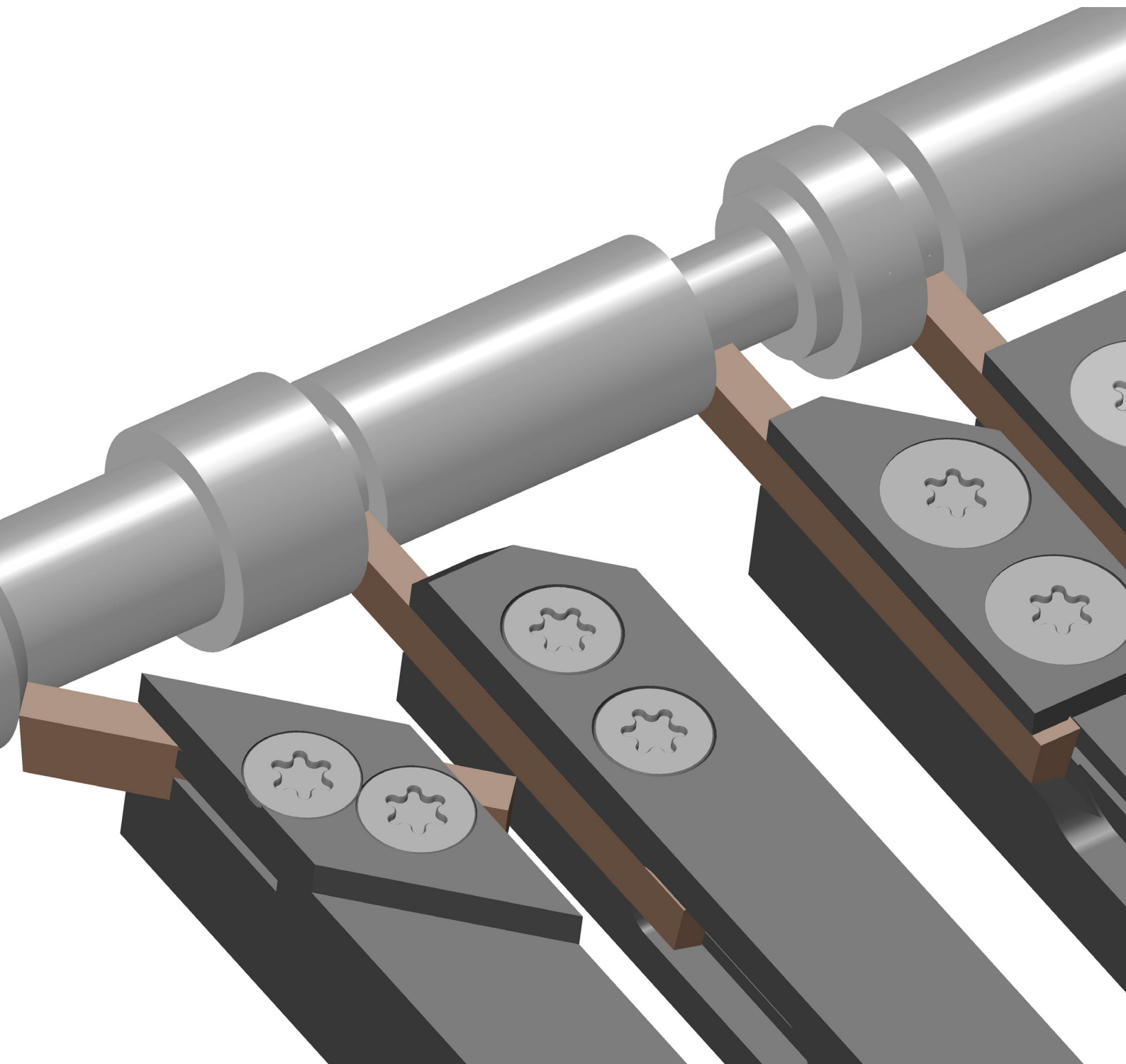
DIAMETAL®

DIADDEC
DE·EN

DIADEC

Klingenprogramm für individuelle Nutzung
Einstechen und Drehen

*Customized program for
grooving and turning blades*



DIADEC

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Werkzeughalter und Klingen 5mm
Toolholders and blades 5mm

SIZE 8

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Toolholders and blades 8 mm

DIADEC

Ersatzteile und Zubehör
Spare parts and accessories

233

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247

250

01	02	03	04	05	Art. N°
KS	5	R	2.5 x 40	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 Dimension

05 Werkstoff Material

DIADEC

Kodierung von Werkzeughaltern
Codification of toolholders

01	02	03	04	Art. N°
L	S	5	12/14 x 12 x 120	207411

01 Anwendung Application

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

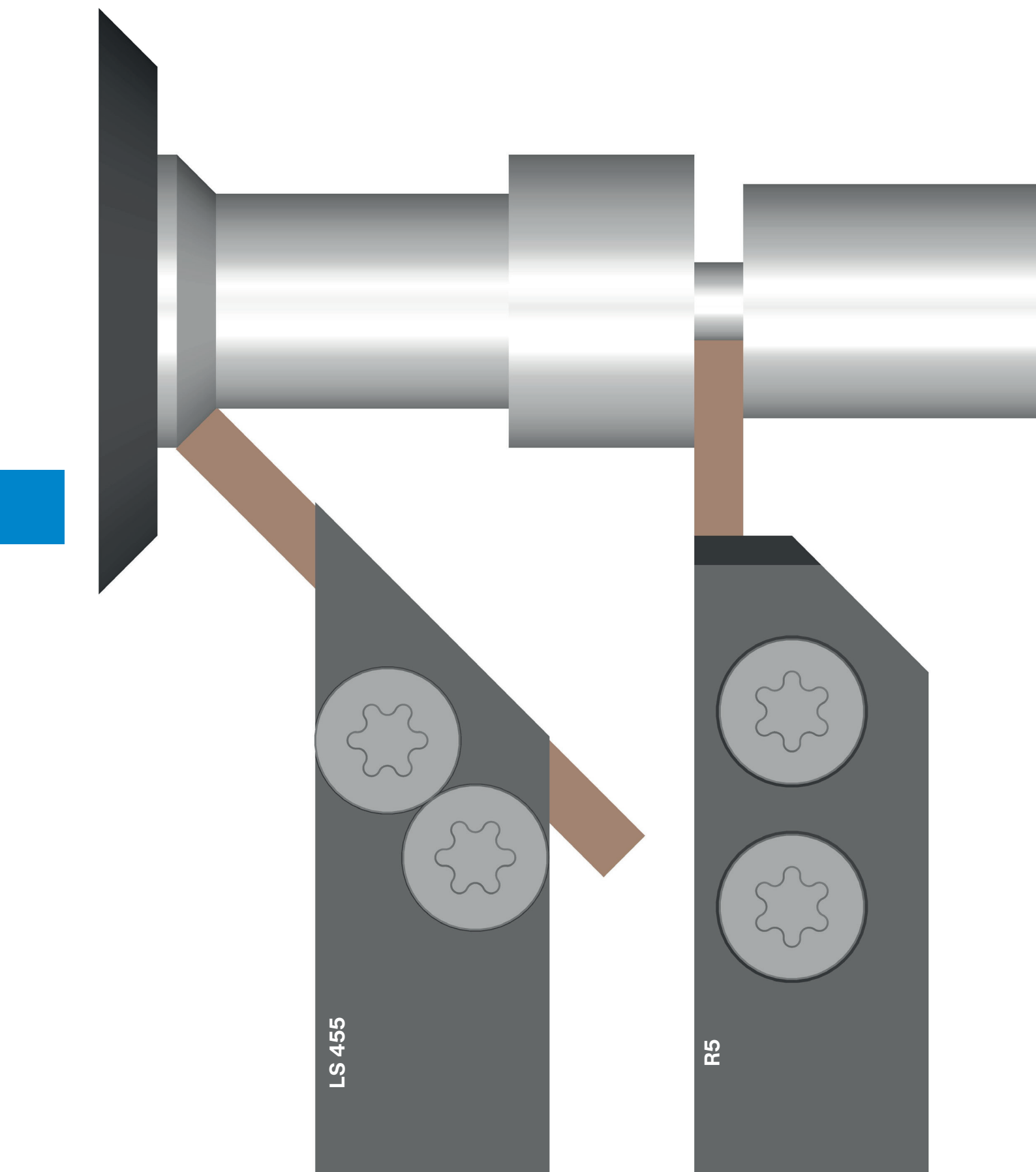
02 Typ Type

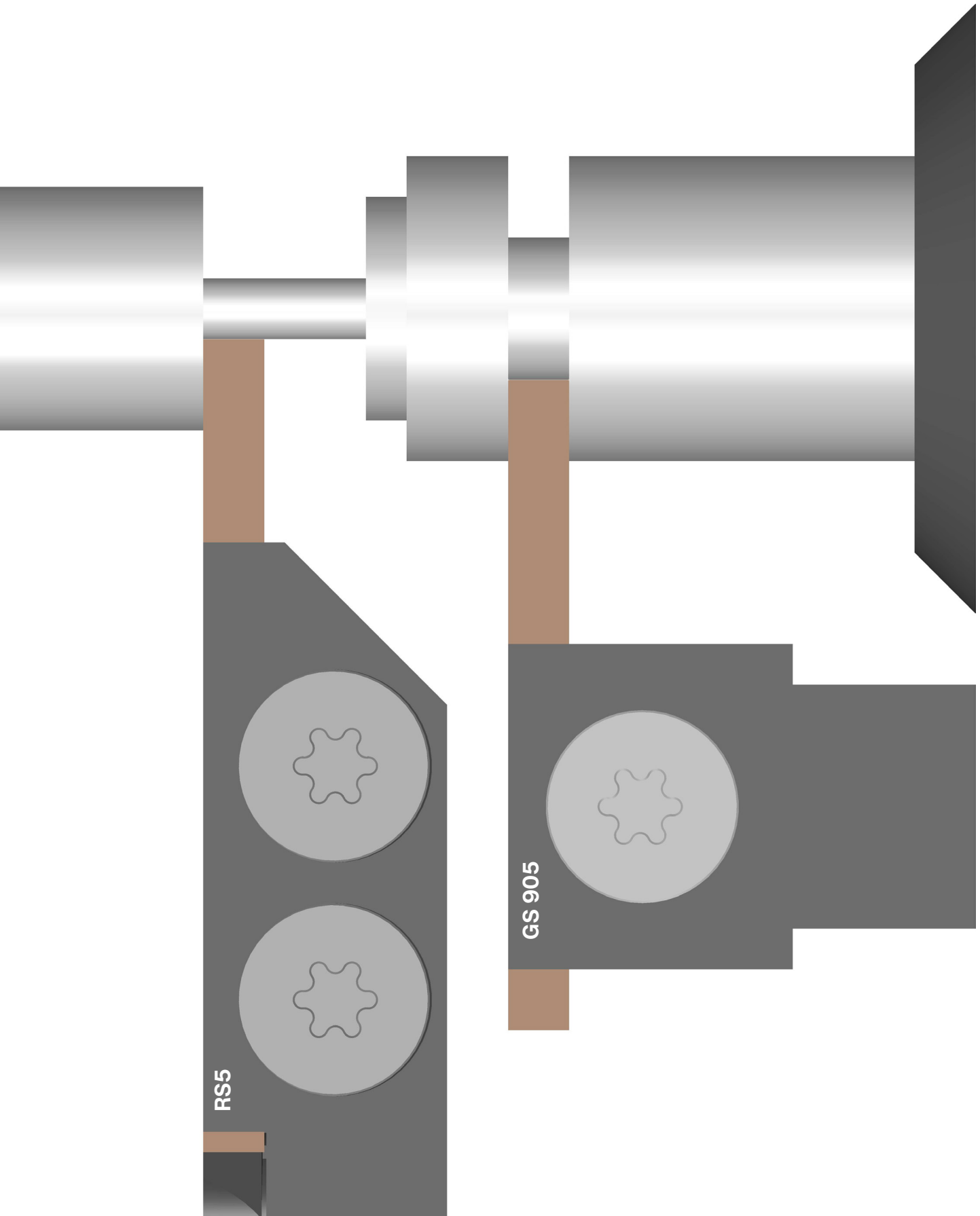
-
Standart 0°
Standart 0°
S
Verstärkter Kopf 0°
Reinforced Head 0°
S90
90°
S45
45°

03 Grösse Size

5
Klinge 5mm
Blade 5mm
8
Klinge 8mm
Blade 8mm

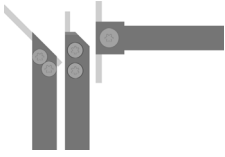
04 Dimensionen Dimension





FEATURES

Stärken
Strengths

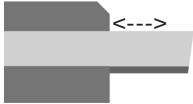


DIADEC: Extrem flexibel und wirtschaftlich

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 program 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

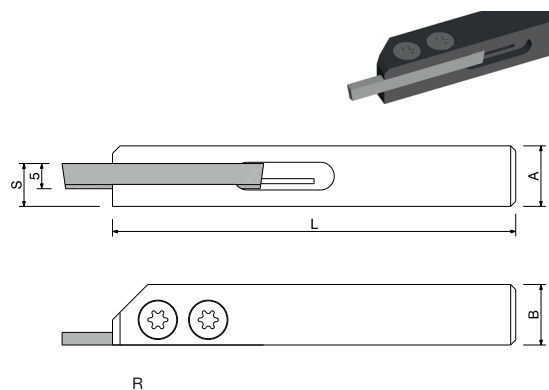
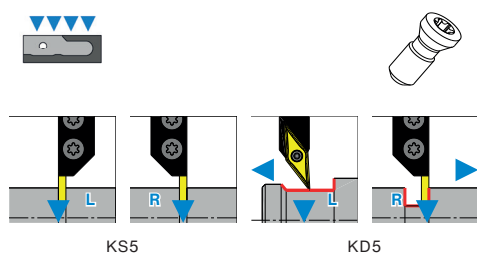
Die DIADEC-Klingen sind auch mit PKD verfügbar für die Bearbeitung von NE-Metallen wie Aluminium, Al-Si-Legierung, Kupfer, Messing, Bronze sowie Graphit, CFK/GFK, MMC, Hartmetall und Edelmetalle.

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

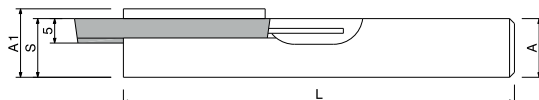
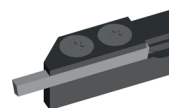
Präzisions-Werkzeughalter für KS5- und KD5-Klingen
Precision toolholder for KS5 and KD5 blades



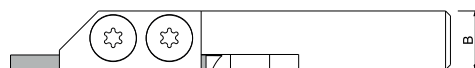
A x B x L	S	Dir L Art. N°	Dir R Art. N°
L5 & R5			
7 x 7 x 110	6.00	201034	201035
8 x 8 x 110	6.50	201036	201037
10 x 10 x 120	7.50	201038	201039
12 x 12 x 120	8.50	201040	201041
14 x 14 x 120	10.50	201042	201043

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

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



KD5



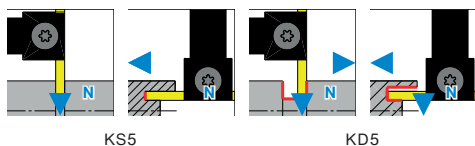
R

LS5 & RS5

240

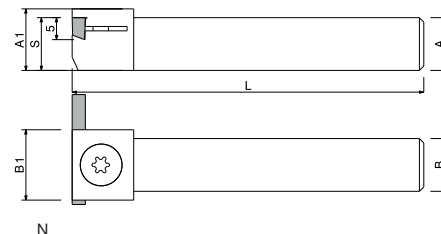
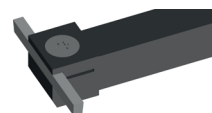
DIADEC GS905

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



KS5

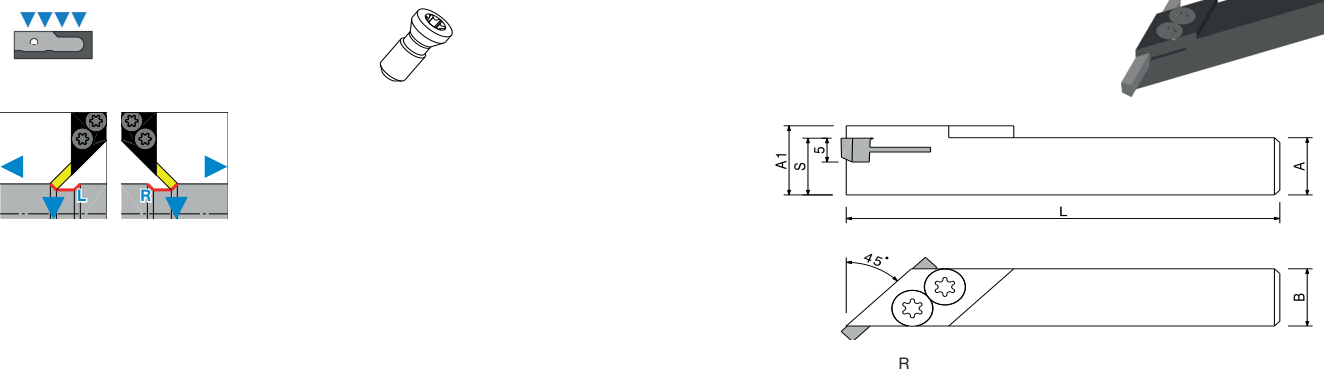
KD5



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

DIAMETAL S455

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



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 5mm
Parting blades 5mm

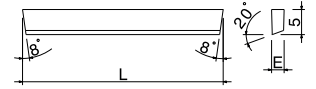
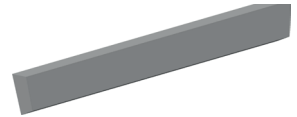


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



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

Weitere Ausführungen auf Anfrage
Other executions on request

KS5 PKD

PKD Stechklingen 5mm
PCD Parting blades 5mm



N1 N2

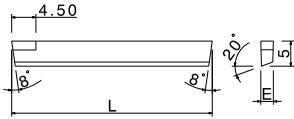
N3 N4 N5 N6 N7 N8 S1 S2

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

Weitere Ausführungen auf Anfrage
Other executions on request

KD5

Drehklingen 5mm
Turning blades 5mm

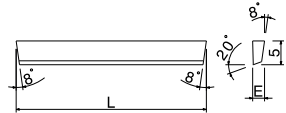


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



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

Weitere Ausführungen auf Anfrage
Other executions on request

KD5 PKD

PKD Drehklingen 5mm
PCD Turning blades 5mm



N1 N2

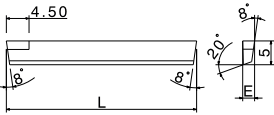
N3 N4 N5 N6 N7 N8 S1 S2

Schruppen
Roughing

-

Schlichten
Finishing

▶ ▶ ▶



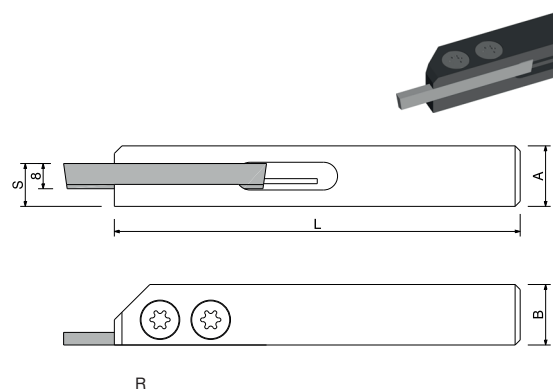
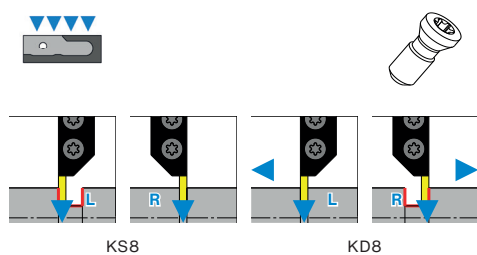
R

E x L	PCD Dir. L Art. N°	PCD Dir. R Art. N°
KD5-L PCD & KD5-R PCD		
2.50 x 40	212170	212171

Weitere 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 Art. N°	Dir R 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

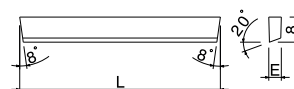


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

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	

Weitere Ausführungen auf Anfrage
Other executions on request

KD8

Drehklingen 8mm
Turning blades 8mm

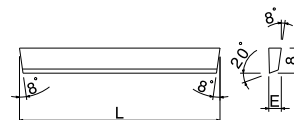


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Schruppen
Roughing



Schlichten
Finishing



E x L	K10/20 Art. N°	MG6 Art. N°	MG7.5 Art. N°	MG10 Art. N°	HSS Art. N°
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KD8-N

4.00 x 50

220801

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



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