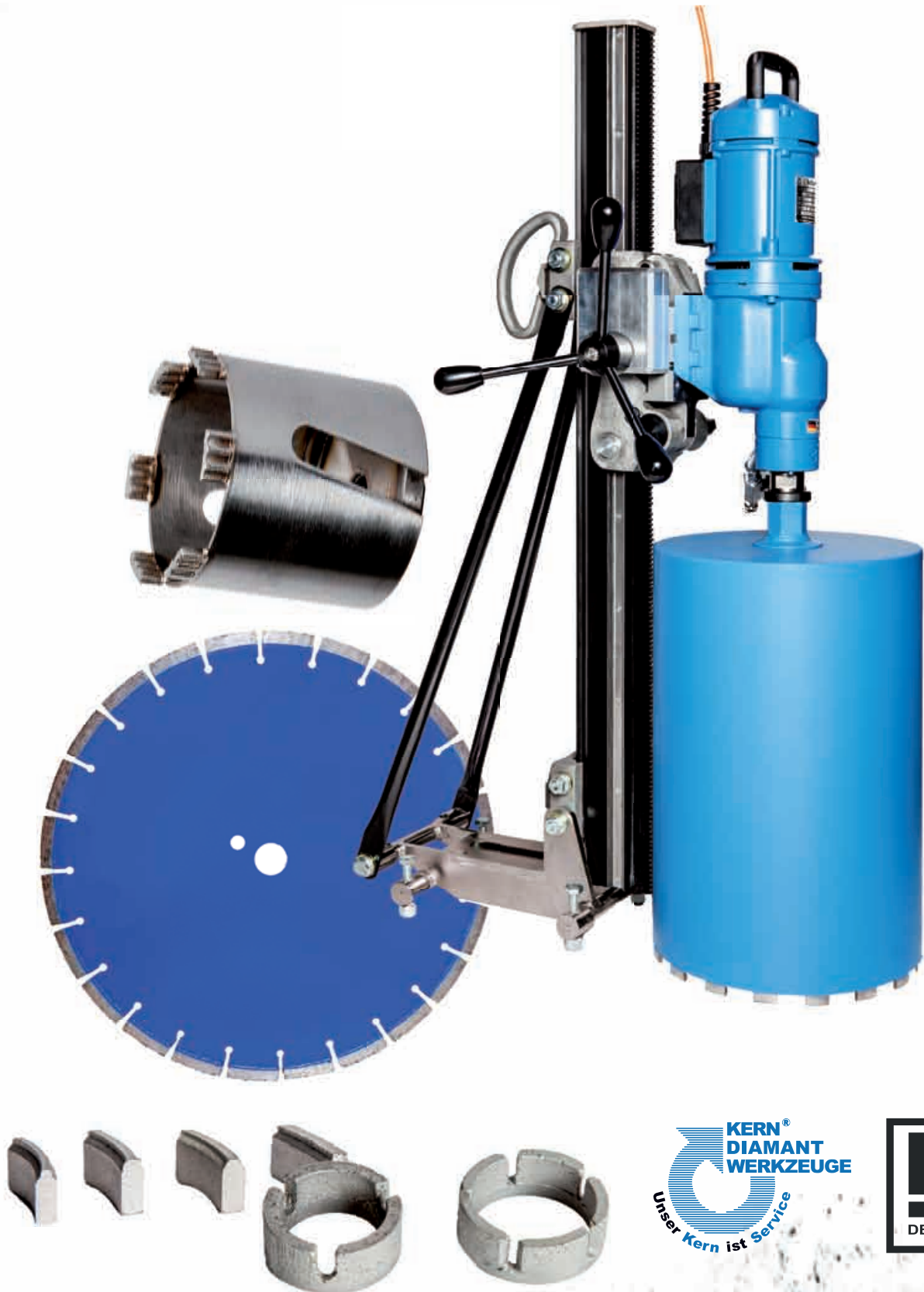


# CATALOGUE

# ONYX



**KERN<sup>®</sup>**  
**DIAMANT**  
**WERKZEUGE**  
Unser Kern ist Service



# TABLE OF CONTENTS



<b>diamond saw blades</b>	<b>4</b>
<b>diamond saw blades for angle grinders / wall chasers</b>	
GSL, GS , LC, TS-PLUS	5
HCG, VHCG, GSA, LD	6
TSL, TEC, TEC-F, FORZA	7
<b>diamond saw blades for electro power tools up to max. 2,5 kW</b>	
CSL, CC, CCP, CC-F	8
TEC, TEC-F, FORZA, reducers	9
<b>diamond saw blades for bench saws</b>	
TK123, SA, AG, DURON	10
refractory ZAC, refractory B, refractory A	11
<b>diamond saw blades for hand held cutters up to 4,5 kW</b>	
TS-PLUS, LC-PLUS, A45, TITAN	12
RAPID, TRACER	13
<b>diamond saw blades for hand held cutters over 4,5 kW</b>	
STB1	13
<b>diamond saw blades for floor saws up to 10 kW</b>	
FB-UNI, FB-502, FA-UNI, FA-ULTRA	14
FF-UNI, UNIVERSAL, X500, X800	15
<b>diamond saw blades for floor saws / flat saws with 30 Hp or more</b>	
CONCRETE LOOPING, ASPHALT LOOPING	16
BF1, AF1	16
<b>diamond saw blades for wall saws</b>	
ONYX, LUXOR	17
<b>diamond saw blades for precast concrete / hollow core slabs</b>	
SB-N8	18
<b>diamond grinding tools</b>	
cup grinder STANDARD, ABRASIVE, EB-HARD, EB-ABRASIVE, PREMIUM-HARD	19
cup grinder T-SHAPE, TURBO, PORCELAIN, LASER PCD, adaptor	20
grinding plate, grinding segments, grinding shoes, grinding pads	21
<b>special tools</b>	
ALLCUT AC, cutting ring, blades for windows groove cutters	22
mortar raking blades FS, cut-off wheels Impuls II, tile hand grinding pads	23
<b>dry core drills</b>	<b>24</b>
socket drill bits ECO, UNI, KSH, BE, TURBO M	25
accessories for socket drill bits	26
socket drill bits ECO SK20, KSH SK20, BE SK20, TURBO M SK20	27
dry core drills UNI SK20, dust extraction SK20 and accessories	28
dry core drills UNI SK1, dust extraction SK1 and accessories	29
<b>wet core drills</b>	<b>30</b>
wet core drills KBN Premium 1¼" UNC, single segments	31
wet core drills KBW Premium 1¼" UNC, single segments	32
wet core drills KBN Premium 3-hole-flange, wet core drills for taking core specimens	33
wet core drills KBN R 1/2", crowns, moduls, single segments	34
tile core drills KBF-P, set KBF, centering device	35
<b>drilling machines</b>	<b>36</b>
hand held drilling machines CARDI-TALPA	37
hand held drilling machines WEKA-DK, DB	38
accessories drilling machines	39
<b>KERN-drilling systems</b>	<b>40</b>
drill rig KDS130, KDS150 and sets	41
drill rig KDS200 and sets	42
drill rig KDS250 and sets	43
drill rig KDS400 and sets	44
drill rig BS620N, BS630N and accessories	45
drill rig KDS-XXL and accessories	46
overview drilling motors	47
accessories KERN-drilling systems	48
accessories KERN-drilling systems	49
accessories KERN-drilling systems	50
accessories KERN-drilling systems	51
<b>cutting machines</b>	<b>52</b>
wall chaser KF45, vacuum cleaner COMPACT M	53
hand saw SM 410 C, TP 400 A2, flush cut set, bench saw KDT350-E	54
floor saw KDF350-B/R, KDF450-B/R, KDF800-E	55
rpm and cutting speed, overview	56
promotion	57
terms & conditions of sales	<b>58-59</b>



## OUR KERN IS SERVICE

**KERN-DEUDIAM** Diamantwerkzeuge und Maschinen GmbH has been over 35 years one of the leading German diamond tool manufacturers with worldwide business relations and it is to sustain this leadership that we constantly search to improve our products and applied technology.

The brand **KERN**<sup>®</sup> for distribution points out straight away the **KERN (core)** competence in diamond tools for construction and machines.

Next to this we do have the brand **DEUDIAM**<sup>®</sup> to show that we are a production company in Germany - **DEU**tische **DIAM**antwerkzeuge (German diamond tools). Made in Germany production is very important for us as a mid-size company.

**KERN-DEUDIAM** handles the complete process of production for diamond tools, starting at the segment production up to the finished product incl. marking, design and packaging. Rational working processes, constant application of new materials, investing in the newest production equipment as well as intensive research and development are an absolute must in our strive for perfection.

At **KERN-DEUDIAM** quality is not just a word, it is something that can be seen and measured in our products, reason being for which we qualified for ISO 9001:2008.

Being a member of the associations VDS (Verband Deutscher Schleifmittelwerke e.V. – association of German grinding tool manufactures) and VDMA (Verband Deutscher Maschinen- und Anlagenbau e.V. – association of German equipment manufactures), we have the advantage to be one of the first for legal, norm and technical developments.

Our **KERN (core)** is Service – this is our company rule. It does not matter, how we work for you, either in developing special products or solving special requests or giving you information via phone or on site or simply by shipping items in correct quantity and in time, it is always **YOU** and **YOUR** needs are most important for us.

We hope we have raised your interest, being so, please do not hesitate to contact us:

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)

**KERN-DEUDIAM**  
Diamantwerkzeuge und Maschinen GmbH

Industriestraße 24  
D-33161 Hövelhof  
T: +49 (0) 5257-507-0  
F: +49 (0) 5257-507-40

[info@kern-deudiam.de](mailto:info@kern-deudiam.de)  
[www.kern-deudiam.de](http://www.kern-deudiam.de)





# DIAMOND SAW BLADES

At **KERN-DEUDIAM** we have just the right blade for you and your application. Our carefully elaborated catalogue displays our diamond saw blade range divided in levels of quality and cutting speed – all proven worldwide on building sites.

Depending on the application and material, you have the choice of several qualities and types of blades.

Next to this, we are also able to develop diamond tools exactly fitting your needs.

With exception of a few sintered blades that are imported, **KERN-DEUDIAM** manufactures the complete range of blades displayed on our catalogue, assuring with constant quality control throughout our production for the best of what “Made in Germany” can offer you.

Our standard product range is laser welded diamond saw blades from Ø 115 mm up to Ø 1200 mm and brazed diamond saw blades from Ø 300 mm up to Ø 2000 mm in different segment height, length and width. Next to standard diamond blades we also have noise reduced sandwich/ laminated blades.

**New** in our product range you will find i.e. diamond blades for hand held petrol cutters with high power (4,5 kW and more), diamond blades for fire proof materials and diamond blades for flat saws with 30 Hp and more. All new products are marked as “**NEW**”. Additional to this we enlarged the range of grinding tools i.e. on page 21.

Should you need different diameter, bore holes, applications, segment dimension to mention a few, please contact us, we are sure to find a good solution for you.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)



# DIAMOND SAW BLADES

ANGLE GRINDERS / WALL CHASERS

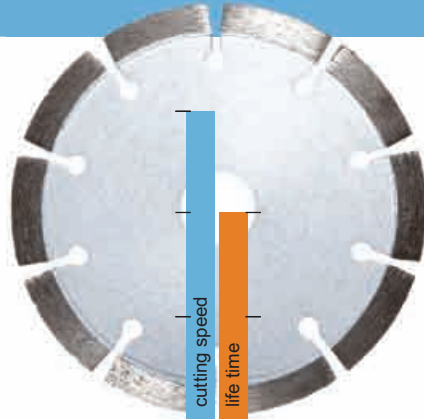


## GSL - SILVERLINE

APPLICATION: **brickwork**  
soft concrete, bricks and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: segmented



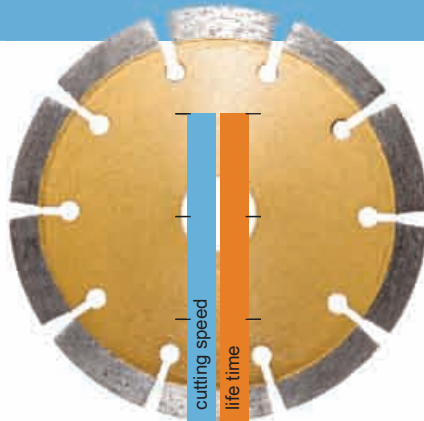
PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-301	115 x 22,23	8 mm high	6,80	M
24-302	125 x 22,23	8 mm high	8,00	M
24-304	180 x 22,23	8 mm high	17,50	M
24-305	230 x 22,23	10 mm high	22,80	M

## SINTER GS

APPLICATION: **concrete**  
brickwork, concrete stones and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: segmented



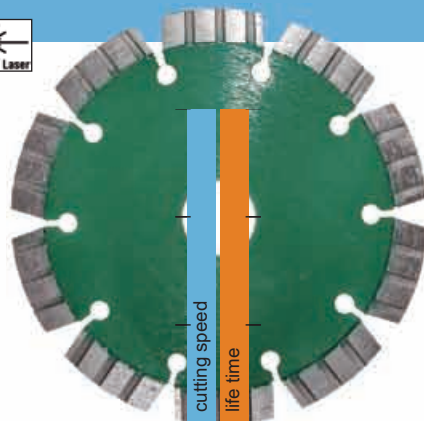
PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-101	115 x 22,23	10 mm high	9,70	M
24-102	125 x 22,23	10 mm high	11,20	M
24-108	130 x 22,23	10 mm high	16,30	M
24-110	135 x 22,23	7 mm high	17,40	M
24-11030	135 x 30,00	7 mm high	17,40	M
24-103	150 x 22,23	10 mm high	15,70	M
24-104	180 x 22,23	10 mm high	20,50	M
24-112	200 x 22,23	10 mm high	27,60	M
24-105	230 x 22,23	10 mm high	25,30	M

## LASER TS-PLUS

APPLICATION: **universal**  
for medium to very hard materials

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented Turbo



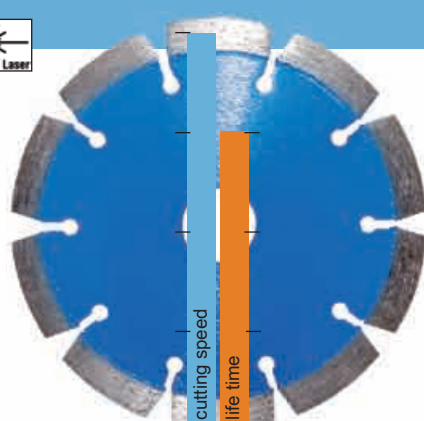
PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
23-030	115 x 22,23	10 mm high	18,50	M
23-031	125 x 22,23	10 mm high	20,00	M
23-032	150 x 22,23	10 mm high	23,50	M
23-033	180 x 22,23	10 mm high	31,50	M
23-034	230 x 22,23	10 mm high	42,00	M

## LASER LC

APPLICATION: **concrete**  
brickwork, concrete stones and similar materials

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
23-002	115 x 22,23	10 mm high	21,10	M
23-004	125 x 22,23	10 mm high	23,40	M
23-023	135 x 22,23	7 mm high	33,90	M
23-02330	135 x 30,00	7 mm high	33,90	M
23-006	150 x 22,23	10 mm high	28,80	M
23-008	180 x 22,23	10 mm high	37,10	M
23-012	230 x 22,23	10 mm high	46,70	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

ANGLE GRINDERS / WALL CHASERS



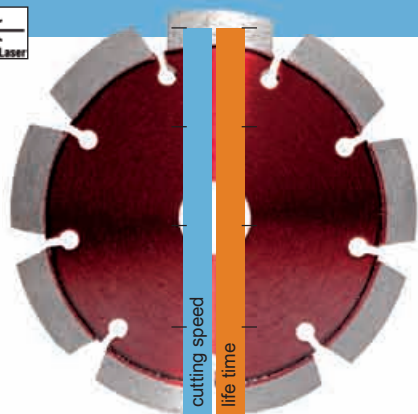
## LASER HCG



APPLICATION: **universal**  
medium to very hard materials,  
very good in hard artificial sandstone

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-050	115 x 22,23	10 mm high	29,90	M
25-05030	115 x 30,00	10 mm high	29,90	M
25-051	125 x 22,23	10 mm high	32,90	M
25-054	150 x 22,23	10 mm high	37,50	M
25-05430	150 x 30,00	10 mm high	37,50	M
25-052	180 x 22,23	10 mm high	41,50	M
25-05310	230 x 22,23	10 mm high	73,00	M

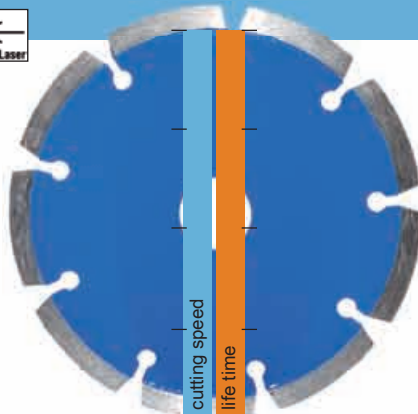
## LASER VHCG



APPLICATION: **universal hard**  
hard concrete, granite

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-040	115 x 22,23	10 mm high	36,60	M
25-041	125 x 22,23	10 mm high	40,90	M
25-044	150 x 22,23	10 mm high	56,50	M
25-042	180 x 22,23	10 mm high	62,40	M
25-043	230 x 22,23	10 mm high	89,70	M



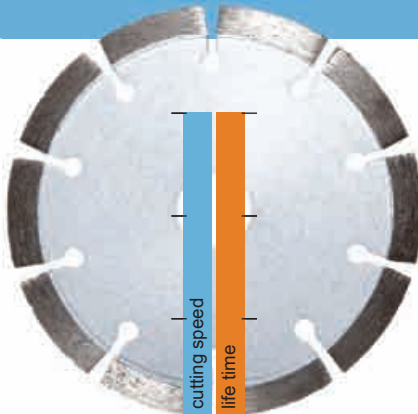
## SINTER GSA



APPLICATION: **artificial sandstone**  
limefloor, porous concrete and similar  
materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-201	115 x 22,23	10 mm high	9,70	M
24-202	125 x 22,23	10 mm high	11,20	M
24-208	130 x 22,23	10 mm high	16,30	M
24-210	135 x 22,23	7 mm high	17,40	M
24-21030	135 x 30,00	7 mm high	17,40	M
24-203	150 x 22,23	10 mm high	15,70	M
24-204	180 x 22,23	10 mm high	20,50	M
24-212	200 x 22,23	10 mm high	27,60	M
24-205	230 x 22,23	10 mm high	25,30	M

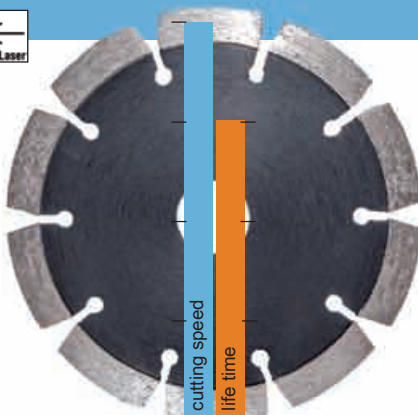
## LASER LD



APPLICATION: **artificial sandstone**  
limefloor, porous concrete and similar  
materials

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
23-060	115 x 22,23	10 mm high	21,10	M
23-061	125 x 22,23	10 mm high	23,40	M
23-062	150 x 22,23	10 mm high	28,80	M
23-063	180 x 22,23	10 mm high	37,10	M
23-064	230 x 22,23	10 mm high	46,70	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

ANGLE GRINDERS / WALL CHASERS

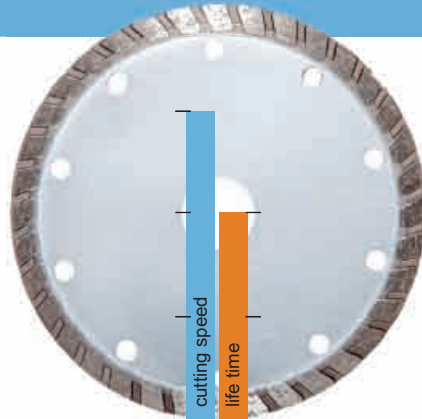


## TSL - SILVERLINE

APPLICATION: **concrete**  
bricks, hard artificial sandstone, granite,  
and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS:  
continuous rim Turbo



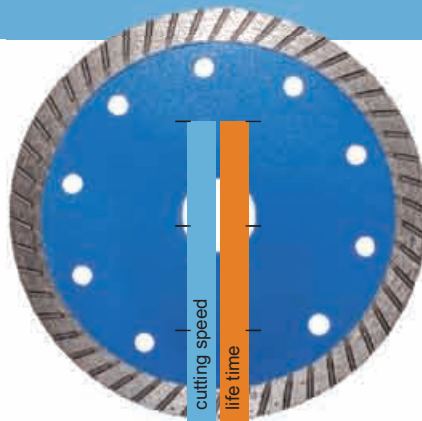
PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-311	115 x 22,23	8 mm high	10,50	M
24-312	125 x 22,23	8 mm high	11,20	M
24-314	180 x 22,23	8 mm high	18,20	M
24-315	230 x 22,23	10 mm high	23,10	M

## TURBO TEC

APPLICATION: **hard artificial sandstone**  
granite, marble (medium hard), roof tiles,  
concrete and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS:  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-019	105 x 22,23	10 mm high	22,30	M
24-01916	105 x 16,00	10 mm high	22,30	M
24-020	115 x 22,23	10 mm high	23,00	M
24-021	125 x 22,23	10 mm high	26,90	M
24-016	135 x 22,23	7 mm high	35,50	M
24-01630	135 x 30,00	7 mm high	35,50	M
24-017	140 x 22,23	7 mm high	38,50	M
24-01730	140 x 30,00	7 mm high	38,50	M
24-024	150 x 22,23	10 mm high	31,65	M
24-022	180 x 22,23	10 mm high	41,80	M
24-018	200 x 22,23	10 mm high	54,70	M
24-023	230 x 22,23	10 mm high	50,60	M

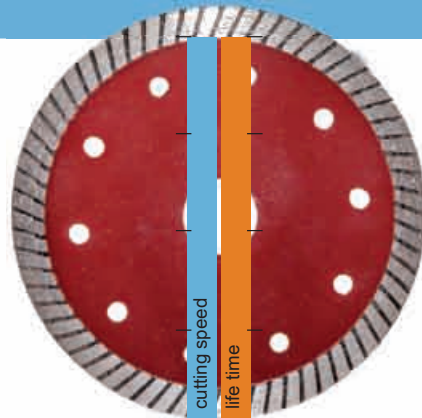
## TURBO TEC-F

APPLICATION: **universal hard**  
natural/ artificial stones, bricks, ceramics,  
concrete, plasterboard, hard artificial  
sandstone and similar materials

CHARACTERISTIC: fine cutting

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS:  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-074	115 x 22,23	1,2 mm wide	24,00	M
24-075	125 x 22,23	1,2 mm wide	27,00	M
24-076	150 x 22,23	1,4 mm wide	34,50	M
24-077	180 x 22,23	1,6 mm wide	42,00	M
24-079	200 x 22,23	1,6 mm wide	56,00	M
24-078	230 x 22,23	1,8 mm wide	61,00	M

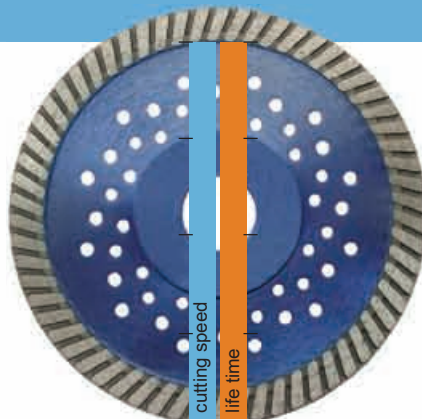
## TURBO FORZA

APPLICATION: **universal hard artificial sandstone**  
concrete, (hard) bricks, quadro  
and similar materials

CHARACTERISTIC:  
reduced noise, reinforced steel core

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS:  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-400	115 x 22,23	10 mm high	29,00	M
24-401	125 x 22,23	10 mm high	35,00	M
24-402	150 x 22,23	10 mm high	45,00	M
24-403	180 x 22,23	10 mm high	55,00	M
24-404	230 x 22,23	10 mm high	70,00	M



DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

ELECTRO POWER TOOLS UP TO MAX. 2,5 kW



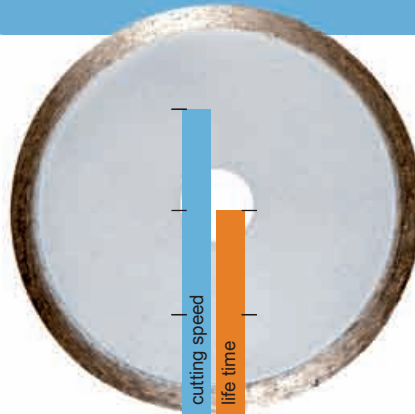
## CSL - SILVERLINE



APPLICATION: **tiles**  
marble, ceramics and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: continuous rim



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-321	115 x 22,23	8 mm high	5,30	M
24-322	125 x 22,23	8 mm high	7,00	M
24-324	180 x 22,23	8 mm high	15,80	M
24-325	230 x 22,23	10 mm high	19,30	M

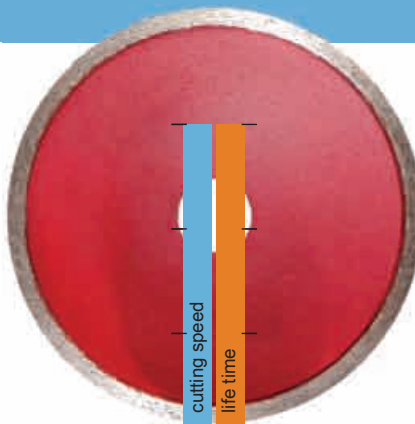
## CC



APPLICATION: **tiles**  
marble, ceramics and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: continuous rim



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-047	105 x 22,23	7 mm high	6,00	M
24-049	110 x 22,23	7 mm high	7,00	M
24-050	115 x 22,23	7 mm high	8,00	M
24-051	125 x 22,23	7 mm high	10,60	M
24-055	150 x 22,23	7 mm high	11,90	M
24-052	180 x 22,23	7 mm high	16,00	M
24-056	200 x 25,40	7 mm high	33,30	M
24-053	230 x 22,23	7 mm high	24,30	M
24-058	250 x 25,40	7 mm high	44,80	M
24-054	300 x 25,40	7 mm high	64,00	M
24-057	350 x 25,40	7 mm high	83,00	M

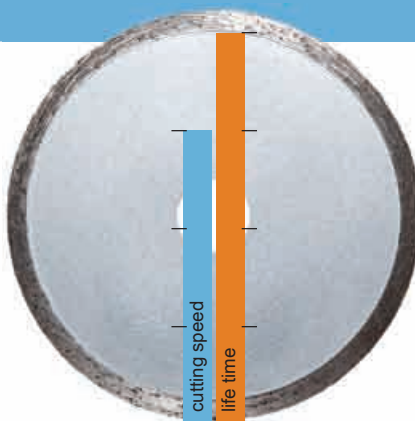
## CC PREMIUM



APPLICATION: **tiles**  
marble, ceramics and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: continuous rim



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-040	115 x 22,23	7 mm high	16,00	M
24-041	125 x 22,23	7 mm high	23,00	M
24-042	180 x 22,23	7 mm high	43,60	M
24-043	230 x 22,23	7 mm high	53,90	M

## CC-F

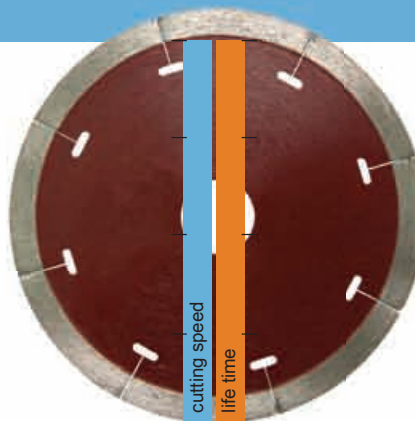


APPLICATION: **tiles**  
hard pressed tiles, ceramics, terracotta,  
granite, marble, glass and similar  
materials

CHARACTERISTIC: fine cutting

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: continuous rim



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-094	115 x 22,23	1,5 mm wide	19,50	M
24-095	125 x 22,23	1,5 mm wide	22,00	M
24-096	150 x 22,23	1,6 mm wide	34,50	M
24-097	180 x 22,23	1,6 mm wide	42,00	M
24-099	200 x 22,23	1,6 mm wide	50,00	M
24-098	230 x 22,23	1,6 mm wide	61,00	M
24-091	250 x 25,40	1,8 mm wide	60,00	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.



# DIAMOND SAW BLADES

ELECTRO POWER TOOLS UP TO MAX. 2,5 KW

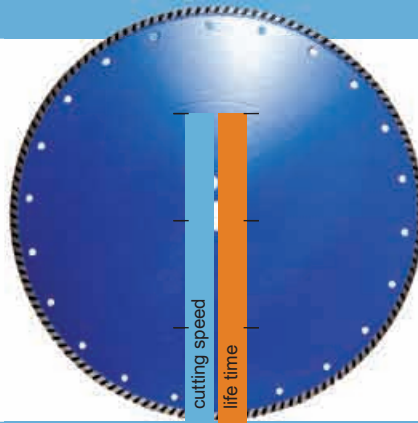


## TURBO TEC

**APPLICATION: hard artificial sandstone**  
granite, marble (medium hard), roof tiles, concrete and similar materials

**KIND OF PRODUCTION:** sintered

**TYPE OF SEGMENTS:**  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-022	180 x 22,23	7 mm high	41,80	M
24-018254	200 x 25,40	7 mm high	54,70	M
24-028	250 x 25,40	7 mm high	59,05	M
24-025	300 x 25,40	7 mm high	87,00	M
24-026	350 x 25,40	7 mm high	117,00	M

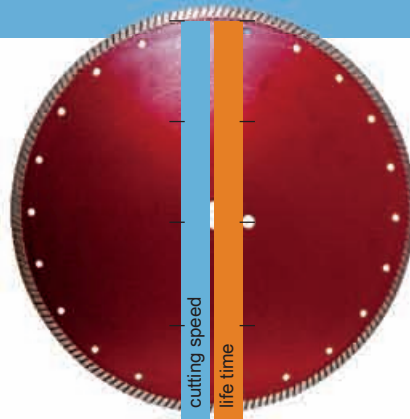
## TURBO TEC-F

**APPLICATION: universal hard**  
natural/ artificial stones, bricks, ceramics, concrete, hard artificial sandstone and similar materials

**CHARACTERISTIC:** fine cutting

**KIND OF PRODUCTION:** sintered

**TYPE OF SEGMENTS:**  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-077	180 x 22,23	1,6 mm wide	42,00	M
24-079254	200 x 25,40	1,6 mm wide	56,00	M
24-071	250 x 25,40	1,8 mm wide	68,00	M
24-072	300 x 25,40	2,0 mm wide	105,00	M
24-073	350 x 25,40	2,2 mm wide	121,00	M

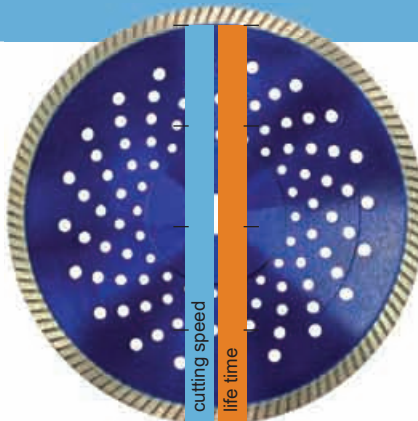
## TURBO FORZA

**APPLICATION: universal hard artificial sandstone**  
concrete, (hard) bricks, quadro and similar materials

**CHARACTERISTIC:**  
reduced noise, reinforced steel core

**KIND OF PRODUCTION:** sintered

**TYPE OF SEGMENTS:**  
continuous rim Turbo



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
24-405	300 x 20,00	10 mm high	125,00	M
24-406	350 x 25,40	10 mm high	175,00	M

**NEW**

## REDUCERS FOR DIAMOND SAW BLADES



PART-NO.:	from:	to:	PRICE:	PG:
25-952	Ø 25,40 mm	Ø 20,00 x 1,6 mm	5,70	M
25-951	Ø 22,23 mm	Ø 20,00 x 1,8 mm	5,70	M
25-953	Ø 25,40 mm	Ø 20,00 x 9,0 mm	5,70	M
25-95412	Ø 25,40 mm	Ø 22,23 x 1,2 mm	5,70	M
25-954	Ø 25,40 mm	Ø 22,23 x 1,6 mm	5,70	M
25-955	Ø 30,00 mm	Ø 20,00 x 1,8 mm	5,70	M
25-956	Ø 30,00 mm	Ø 22,23 x 1,8 mm	5,70	M
25-957	Ø 30,00 mm	Ø 25,40 x 1,6 mm	5,70	M
25-95725	Ø 30,00 mm	Ø 25,40 x 2,5 mm	5,70	M
25-959	Ø 60,00 mm	Ø 25,00 x 1,8 mm	5,70	M
25-95825	Ø 60,00 mm	Ø 35,00 x 2,5 mm	5,70	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

BENCH SAWS



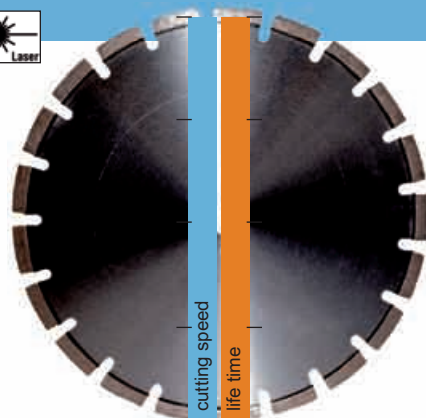
## LASER TK123



APPLICATION: **concrete very hard**

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-802	350 x 25,40	10 mm high	157,00	M
25-803	400 x 25,40	10 mm high	195,00	M
25-806	600 x 25,40	10 mm high	339,00	M
25-805	650 x 25,40	10 mm high	450,00	M
25-804	700 x 25,40	10 mm high	470,00	M
25-811	900 x 25,40	10 mm high	731,00	M

Above prices are with standard steel centre.  
Noise reduced steel centres on request.

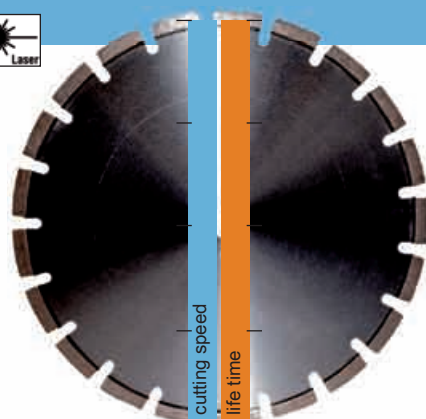
## LASER SA



APPLICATION: **abrasive material**  
artificial sandstone, sandstone and  
similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-573	350 x 25,40	10 mm high	157,00	M
25-574	400 x 25,40	10 mm high	195,00	M
25-577	600 x 25,40	10 mm high	339,00	M
25-579	650 x 25,40	10 mm high	450,00	M
25-580	700 x 25,40	10 mm high	470,00	M
25-582	900 x 25,40	10 mm high	731,00	M

Above prices are with standard steel centre.  
Noise reduced steel centres on request.

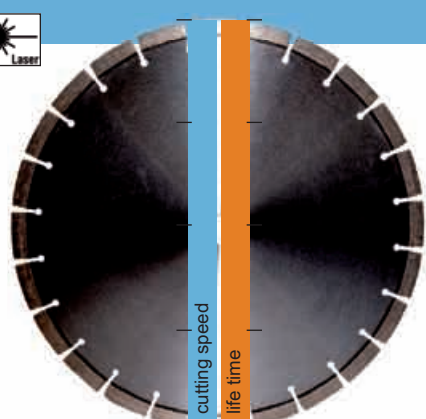
## LASER AG



APPLICATION: **granite**  
basalt, concrete products and similar  
materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

26-202	350 x 25,40	12 mm high	170,00	M
26-203	400 x 25,40	12 mm high	213,00	M
26-204	450 x 25,40	12 mm high	248,00	M

Above prices are with standard steel centre.

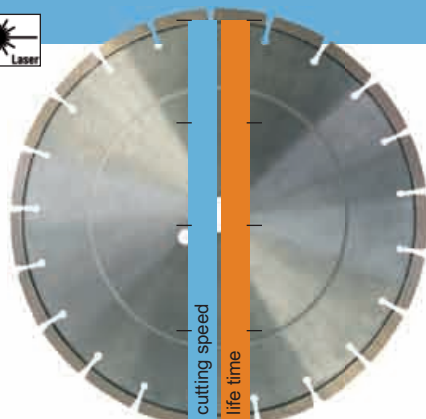
## LASER DURON



APPLICATION: **clinker, bricks**  
very hard clinker and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-022	350 x 25,40	10 mm high	170,00	M
25-023	400 x 25,40	10 mm high	213,00	M
25-024	450 x 25,40	10 mm high	248,00	M

Above prices are with standard steel centre.  
Noise reduced steel centres on request.

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

BENCH SAWS



## LASER REFRACTORY ZAC



APPLICATION:

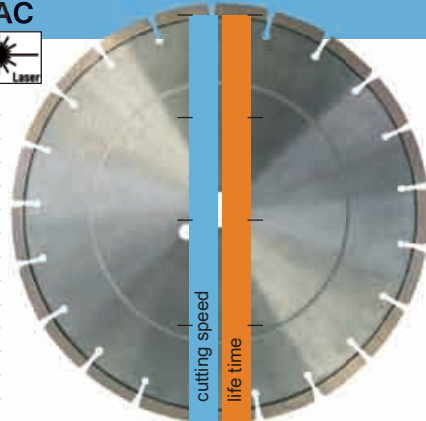
**hard to very hard**

non-oxide as silicon carbide,  
carborundum, graphite and electro-  
fused products

CHARACTERISTIC: noise-reduced

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

27-061	350 x 25,40	10 mm high	225,00	M
27-062	400 x 25,40	10 mm high	285,00	M
27-064	500 x 25,40	10 mm high	442,00	M
27-065	600 x 25,40	10 mm high	558,00	M
27-066	650 x 25,40	10 mm high	645,00	M
27-067	900 x 25,40	10 mm high	1.125,00	M

**NEW**

## LASER REFRACTORY B



APPLICATION:

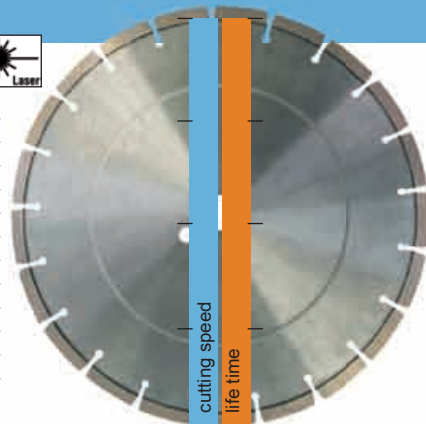
**medium hard to hard**

beauxite, alumina < 70 % - magnesite,  
chromite

CHARACTERISTIC: noise-reduced

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

27-041	350 x 25,40	10 mm high	198,00	M
27-042	400 x 25,40	10 mm high	252,00	M
27-044	500 x 25,40	10 mm high	389,00	M
27-045	600 x 25,40	10 mm high	490,00	M
27-046	650 x 25,40	10 mm high	567,00	M
27-047	900 x 25,40	10 mm high	989,00	M

**NEW**

## LASER REFRACTORY A



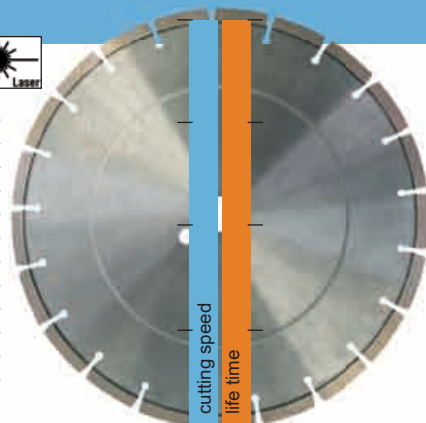
APPLICATION: **abrasive fireclay**

oxide - dolomite, tar, zirkona, silica,  
alumina > 70 % - mullite, beauxite,  
durital, rocal, zirmul

CHARACTERISTIC: noise-reduced

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

27-051	350 x 25,40	10 mm high	198,00	M
27-052	400 x 25,40	10 mm high	252,00	M
27-054	500 x 25,40	10 mm high	389,00	M
27-055	600 x 25,40	10 mm high	490,00	M
27-056	650 x 25,40	10 mm high	567,00	M
27-057	900 x 25,40	10 mm high	989,00	M

**NEW**

# DIAMOND SAW BLADES

HAND HELD CUTTERS UP TO 4,5 kW



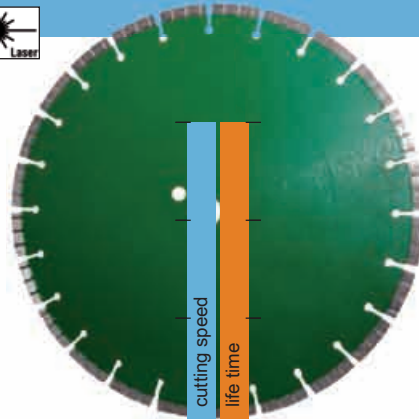
## LASER TS-PLUS



APPLICATION: **universal**  
for medium to very hard materials

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented  
Turbo



PART-NO.: DIMENSIONS in mm: PRICE: PG:

23-03520	300 x 20,00	10 mm high	64,00	M
23-035	300 x 25,40	10 mm high	64,00	M
23-03620	350 x 20,00	10 mm high	74,00	M
23-036	350 x 25,40	10 mm high	74,00	M
23-037	400 x 25,40	10 mm high	128,00	M
23-038	450 x 25,40	10 mm high	175,00	M
23-039	500 x 25,40	10 mm high	215,00	M

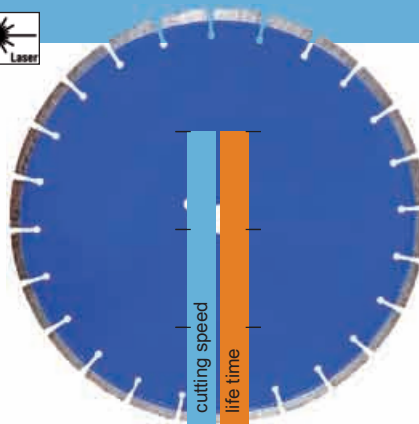
## LASER LC-PLUS



APPLICATION: **concrete**  
concrete stones, brickwork and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

23-04020	300 x 20,00	10 mm high	85,00	M
23-040	300 x 25,40	10 mm high	85,00	M
23-04120	350 x 20,00	10 mm high	99,00	M
23-041	350 x 25,40	10 mm high	99,00	M

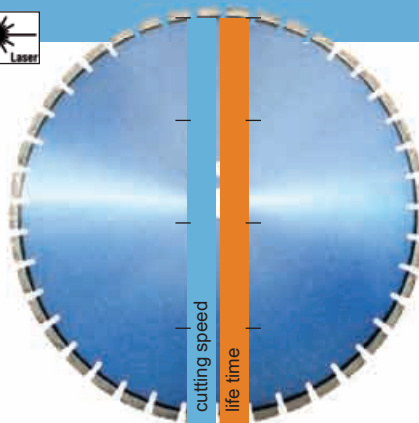
## LASER A45



APPLICATION: **concrete products**

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
short segments



PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-94120	350 x 20,00	8 mm high	110,00	M
25-941	350 x 25,40	8 mm high	110,00	M

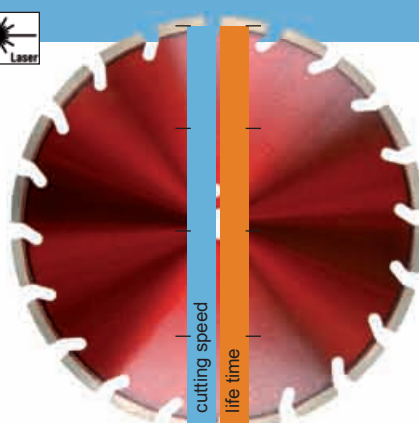
## LASER TITAN



APPLICATION: **universal**  
for medium to very hard materials,  
very good in hard artificial sandstone

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-06020	300 x 20,00	10 mm high	128,00	M
25-060	300 x 25,40	10 mm high	128,00	M
25-06120	350 x 20,00	10 mm high	155,00	M
25-061	350 x 25,40	10 mm high	155,00	M
25-062	400 x 25,40	10 mm high	195,00	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

HAND HELD CUTTERS UP TO 4,5 kW



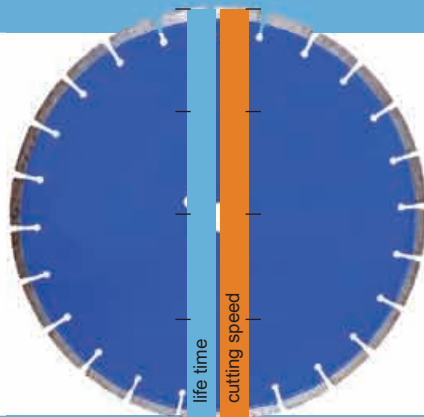
## LASER RAPID



APPLICATION: **reinforced concrete**  
concrete pipes, concrete pavement

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

26-401	300 x 25,40	10 mm high	135,00	M
26-402	350 x 25,40	10 mm high	159,00	M
26-403	400 x 25,40	10 mm high	190,00	M
26-404	450 x 25,40	10 mm high	239,00	M

## LASER TRACER



APPLICATION: **asphalt**

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted with undercut protection



PART-NO.: DIMENSIONS in mm: PRICE: PG:

26-411	300 x 25,40	10 mm high	135,00	M
26-412	350 x 25,40	10 mm high	159,00	M
26-413	400 x 25,40	10 mm high	190,00	M
26-414	450 x 25,40	10 mm high	239,00	M

New developed PREMIUM diamond saw blades for petrol hand held cutters with very high power of 4,5 kW and more, exactly developed for the technical details of the equipment, which means straight cutting.

# DIAMOND SAW BLADES

HAND HELD CUTTERS OVER 4,5 kW

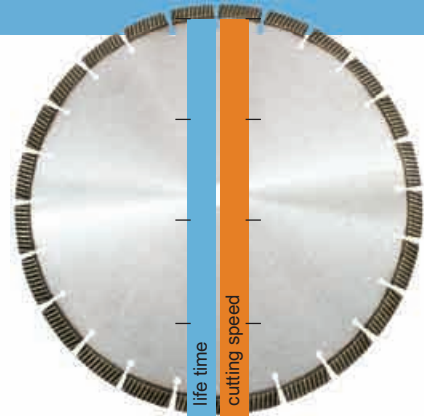
## LASER STB1



APPLICATION: **reinforced concrete**  
concrete tube, road curb

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: arrow-head  
segments, narrow slotted



PART-NO.: DIMENSIONS in mm: PRICE: PG:

26-35120	350 x 20,00	11 mm high	199,00	M
26-35220	400 x 20,00	11 mm high	265,00	M

**NEW**

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

FLOOR SAWS UP TO 10 KW



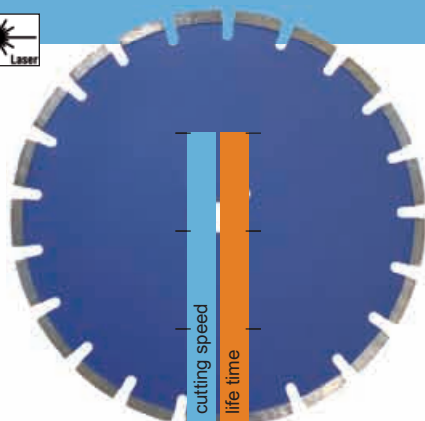
## LASER FB-UNI



APPLICATION: **concrete**  
and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-251	300 x 25,40	10 mm high	128,00	M
25-252	350 x 25,40	10 mm high	155,00	M
25-253	400 x 25,40	10 mm high	205,00	M
25-254	450 x 25,40	10 mm high	248,00	M
25-255	500 x 25,40	10 mm high	356,00	M
25-256	600 x 25,40	10 mm high	480,00	M

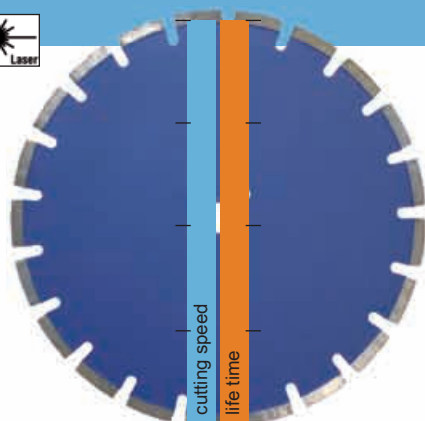
## LASER FB-502



APPLICATION: **concrete**  
**also hard concrete**  
fire proof stones, very hard bricks  
and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-703	300 x 25,40	10 mm high	164,00	M
25-704	350 x 25,40	10 mm high	175,00	M
25-705	400 x 25,40	10 mm high	236,00	M
25-706	450 x 25,40	10 mm high	279,00	M
25-701	500 x 25,40	10 mm high	379,00	M
25-702	600 x 25,40	10 mm high	598,00	M

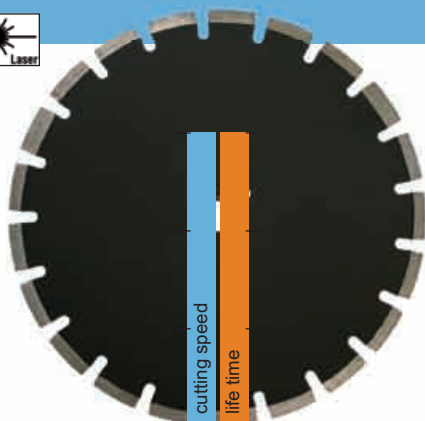
## LASER FA-UNI



APPLICATION: **asphalt**  
and similar abrasive materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
with undercut protection



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-202	300 x 25,40	10 mm high	128,00	M
25-203	350 x 25,40	10 mm high	155,00	M
25-204	400 x 25,40	10 mm high	205,00	M
25-205	450 x 25,40	10 mm high	248,00	M
25-206	500 x 25,40	10 mm high	356,00	M
25-207	600 x 25,40	10 mm high	480,00	M

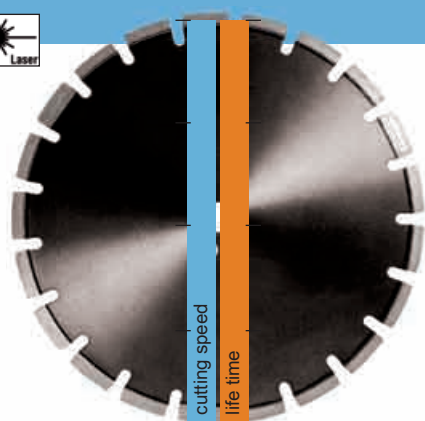
## LASER FA-ULTRA



APPLICATION: **asphalt**  
and similar abrasive materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
with undercut protection



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
25-720	300 x 25,40	10 mm high	146,00	M
25-721	350 x 25,40	10 mm high	165,00	M
25-722	400 x 25,40	10 mm high	220,00	M
25-723	450 x 25,40	10 mm high	263,00	M

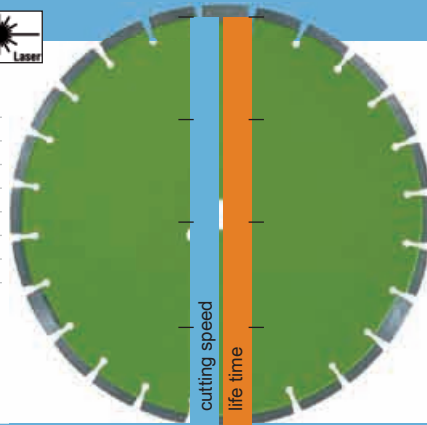
DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

FLOOR SAWS UP TO 10 KW



## LASER FF-UNI



APPLICATION: **green concrete**  
max. 36 hours old

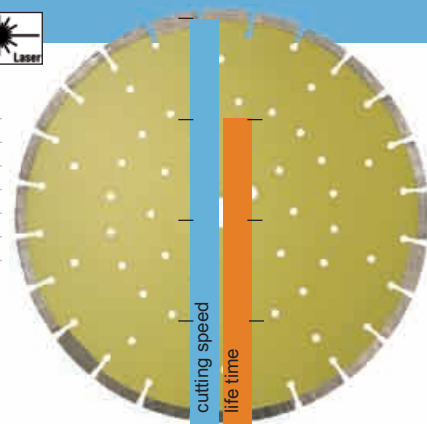
KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted with undercut protection

PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-211	300 x 25,40	10 mm high	214,00	M
25-212	350 x 25,40	10 mm high	253,00	M
25-213	400 x 25,40	10 mm high	339,00	M
25-214	450 x 25,40	10 mm high	408,00	M

## LASER UNIVERSAL



APPLICATION: **concrete and asphalt**

KIND OF PRODUCTION: laser welded,  
Made in Germany

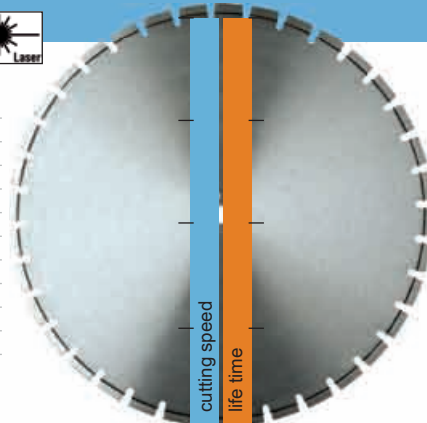
TYPE OF SEGMENTS: segmented,  
narrow slotted with undercut protection

PART-NO.: DIMENSIONS in mm: PRICE: PG:

25-350	300 x 25,40	10 mm high	137,00	M
25-351	350 x 25,40	10 mm high	165,00	M
25-352	400 x 25,40	10 mm high	217,00	M
25-353	450 x 25,40	10 mm high	260,00	M

## FLOOR SAWS BETWEEN 7,5 - 20 kW

### LASER X500



APPLICATION: **concrete**  
old concrete, reinforced concrete and  
similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

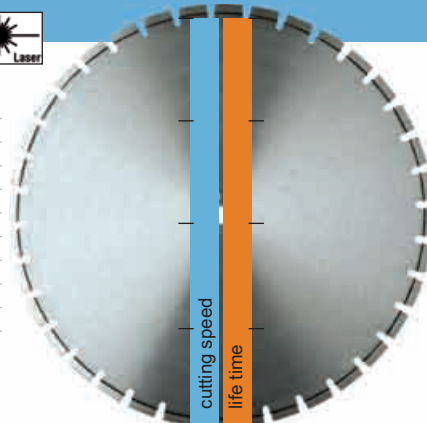
TYPE OF SEGMENTS: segmented

Please name the bore hole size when  
placing an order.

PART-NO.: Ø: DIMENSIONS NO: PRICE: PG:  
in mm: l x w x h

25-774	500	40 x 3,8 x 9	30	310,00	M
25-770	600	40 x 3,8 x 9	36	388,00	M
25-775	600	40 x 4,8 x 9	36	497,00	M
25-779	650	40 x 3,8 x 9	39	547,00	M
25-771	700	40 x 3,8 x 9	40	562,00	M
25-777	700	40 x 4,5 x 9	40	626,00	M
25-778	750	40 x 4,5 x 9	44	683,00	M
25-772	800	40 x 4,5 x 9	46	786,00	M
25-776	900	40 x 4,5 x 9	50	903,00	M
25-773	1000	40 x 4,5 x 9	54	1.062,00	M

### LASER X800



APPLICATION: **asphalt**  
and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented

Please name the bore hole size when  
placing an order.

PART-NO.: Ø: DIMENSIONS NO: PRICE: PG:  
in mm: l x w x h

25-784	500	40 x 3,8 x 9	30	310,00	M
25-780	600	40 x 3,8 x 9	36	388,00	M
25-785	600	40 x 4,8 x 9	36	497,00	M
25-789	650	40 x 3,8 x 9	39	547,00	M
25-781	700	40 x 3,8 x 9	40	562,00	M
25-787	700	40 x 4,5 x 9	40	626,00	M
25-788	750	40 x 4,5 x 9	44	683,00	M
25-782	800	40 x 4,5 x 9	46	786,00	M
25-786	900	40 x 4,5 x 9	50	903,00	M
25-783	1000	40 x 4,5 x 9	54	1.062,00	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND SAW BLADES

FLOOR SAWS / FLAT SAWS OVER AS 30 Hp / 22 kW

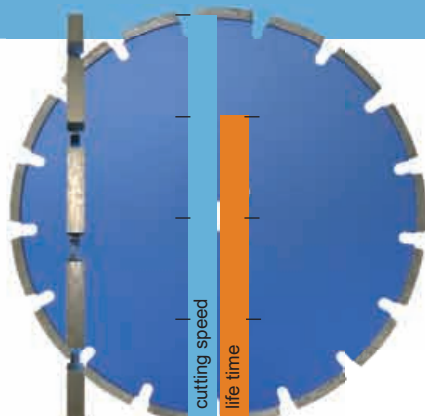


## CONCRETE LOOPING

APPLICATION: **concrete**

KIND OF PRODUCTION: brazed,  
Made in Germany

TYPE OF SEGMENTS: segmented



floor saw 10 - 50 kW

PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
26-500	350 x 25,40	6 mm wide	310,00	M
26-501	350 x 25,40	8 mm wide	384,00	M
26-502	350 x 25,40	10 mm wide	441,00	M
26-503	350 x 25,40	12 mm wide	479,00	M
26-504	350 x 25,40	14 mm wide	516,00	M

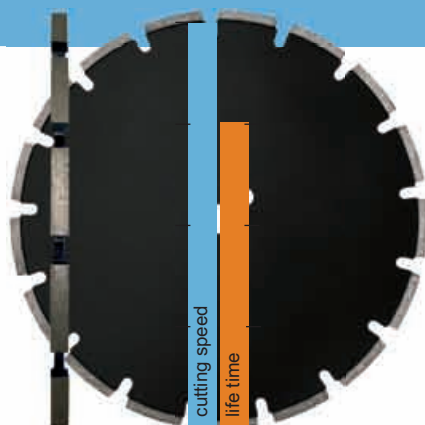
Other diameters up to 1500 mm on request.

## ASPHALT LOOPING

APPLICATION: **asphalt**

KIND OF PRODUCTION: brazed,  
Made in Germany

TYPE OF SEGMENTS: segmented



floor saw 10 - 50 kW

PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
26-510	350 x 25,40	6 mm wide	310,00	M
26-511	350 x 25,40	8 mm wide	384,00	M
26-512	350 x 25,40	10 mm wide	441,00	M
26-513	350 x 25,40	12 mm wide	479,00	M
26-514	350 x 25,40	14 mm wide	516,00	M

Other diameters up to 1500 mm on request.

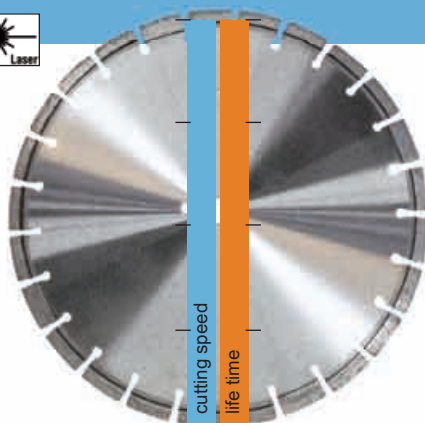
## LASER BF 1



APPLICATION: **concrete**  
old concrete and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted with undercut protection



floor saw over 30 Hp / 22 kW

PART-NO.:	Ø:	SEGMENTS	PRICE:	PG:
		l x w x h in mm		
28-001	450 x 25,40	40 x 3,5 x 11	398,00	M
28-002	500 x 25,40	40 x 4,2 x 11	481,00	M
28-003	600 x 25,40	40 x 3,5 x 11	592,00	M
28-004	600 x 25,40	40 x 4,2 x 11	748,00	M
28-005	700 x 25,40	40 x 4,2 x 11	887,00	M
28-006	800 x 25,40	40 x 4,2 x 9	1.068,00	M
28-008	1000 x 25,40	40 x 4,2 x 9	1.484,00	M
28-009	1200 x 25,40	40 x 4,2 x 9	1.832,00	M

**NEW**

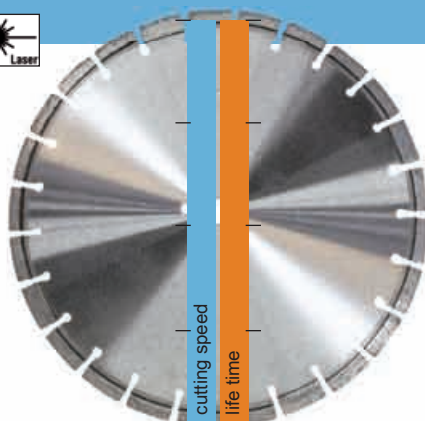
## LASER AF 1



APPLICATION: **asphalt**  
and similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted with undercut protection



floor saw over 30 Hp / 22 kW

PART-NO.:	Ø:	SEGMENTS	PRICE:	PG:
		l x w x h in mm		
28-021	450 x 25,40	40 x 3,5 x 11	398,00	M
28-022	500 x 25,40	40 x 4,2 x 11	481,00	M
28-023	600 x 25,40	40 x 3,5 x 11	592,00	M
28-024	600 x 25,40	40 x 4,2 x 11	748,00	M
28-025	700 x 25,40	40 x 4,2 x 11	887,00	M
28-026	800 x 25,40	40 x 4,2 x 9	1.068,00	M
28-028	1000 x 25,40	40 x 4,2 x 9	1.484,00	M
28-029	1200 x 25,40	40 x 4,2 x 9	1.832,00	M

**NEW**

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.



# DIAMOND SAW BLADES

WALL SAWS



## ONYX

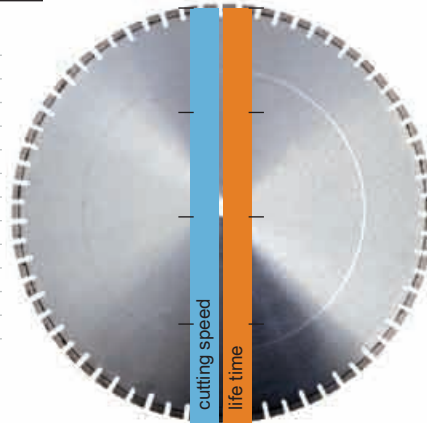


APPLICATION: **universal**  
concrete, brickwork and  
similar materials

KIND OF PRODUCTION: laser welded,  
from 1500 mm brazed,  
Made in Germany

TYPE OF SEGMENTS: segmented  
20 mm version up to 1200 mm

Please name the bore hole size when  
placing an order



PART-NO.: Ø: SEGMENTS: NUMBER: PRICE: PG:

l x w x h in mm					
25-842	450	20 x 3,8 x 12	52	352,00	M
25-841	450	20 x 4,8 x 12	52	386,00	M
25-830	500	20 x 3,8 x 12	60	423,00	M
25-831	600	20 x 3,8 x 12	66	487,00	M
25-832	600	20 x 4,8 x 12	66	576,00	M
25-844	650	20 x 4,8 x 12	70	602,00	M
25-833	700	20 x 3,8 x 12	76	629,00	M
25-834	700	20 x 4,5 x 12	76	685,00	M
25-835	750	20 x 4,5 x 12	82	750,00	M
25-836	800	20 x 4,5 x 12	88	810,00	M
25-837	900	20 x 4,5 x 12	98	993,00	M
25-838	1000	20 x 4,5 x 12	104	1.108,00	M
25-839	1200	20 x 4,5 x 12	128	1.516,00	M
25-840	1500	40 x 4,5 x 12	75	2.260,00	M

## LUXOR



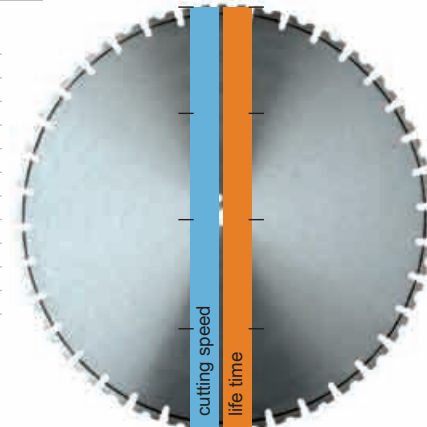
APPLICATION: **universal**  
concrete, brickwork and  
similar materials

KIND OF PRODUCTION: laser welded,  
Made in Germany

TYPE OF SEGMENTS: segmented  
U-shape

Please name the bore hole size when  
placing an order

**NEW**



PART-NO.: Ø: SEGMENTS: NUMBER: PRICE: PG:

l x w x h in mm					
28-832	600	40 x 4,8 x 10	36	597,00	M
28-836	800	40 x 4,5 x 10	46	845,00	M
28-838	1000	40 x 4,5 x 10	54	1.165,00	M
28-839	1200	40 x 4,5 x 10	70	1.579,00	M

# DIAMOND SAW BLADES

HOLLOW CORE CUTTING SAW



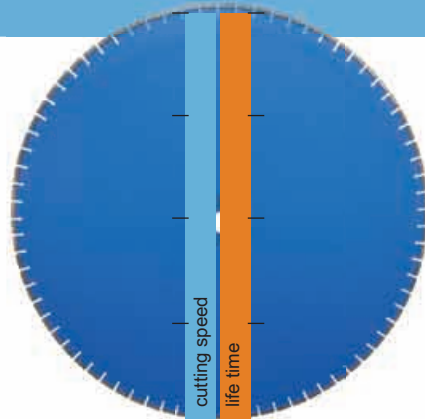
## HOLLOW CORE SLABS

APPLICATION: **hollow core slabs**  
precast concrete

KIND OF PRODUCTION: laser welded,  
from Ø 1300 mm brazed,  
Made in Germany

TYPE OF SEGMENTS: segmented,  
narrow slotted

Please name the bore hole size when  
placing an order (see drawing)

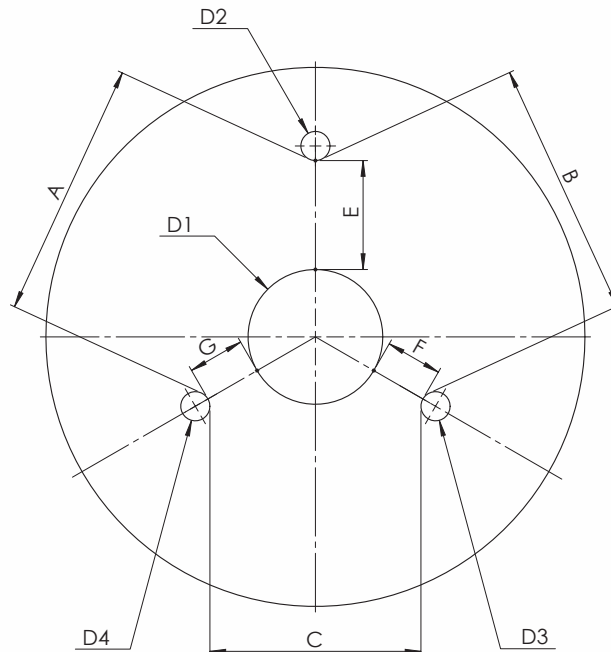


PART-NO.: Ø: SEGMENTS: NUMBER: PRICE: PG:

l x w x h in mm					
27-105	800	40 x 7,5 x 11	57	1.199,00	M
27-100	900	40 x 7,5 x 11	64	1.525,00	M
27-101	1000	40 x 7,5 x 11	68	1.715,00	M
27-102	1100	40 x 7,5 x 11	74	2.081,00	M
27-103	1200	40 x 7,5 x 11	80	2.333,00	M
27-104	1300	40 x 7,5 x 11	88	2.614,00	M
27-106	1400	40 x 7,5 x 11	92	2.725,00	M

Above prices are with standard steel centre.  
Noise reduced steel centres on request.

## BORE HOLE DRAWING



A		mm
B		
C		
D1		
D2		
D3		
D4		
E		
F		
G		
<b>Please fill in all measurements</b>		

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND GRINDING TOOLS

ANGLE GRINDERS / GRINDING MACHINES



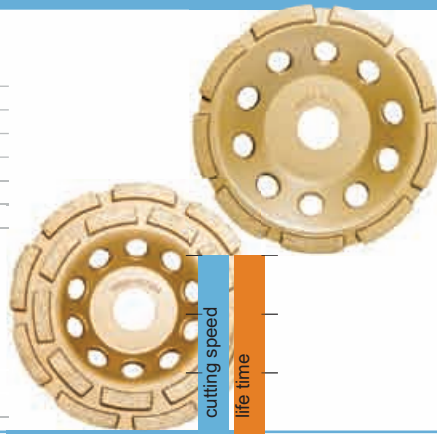
## CUP GRINDER TS STANDARD

APPLICATION: **concrete**  
natural and artificial stones and similar materials

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:		Ø x HEIGHT:	PRICE:	PG:
		in mm		
29-101	100 x 20,00	single row	39,20	M
29-100	110 x 20,00	single row	71,00	M
29-102	125 x 20,00	single row	73,00	M
29-103	180 x 30,00	single row	120,00	M
29-104	100 x 20,00	double row	71,20	M
29-111	110 x 20,00	double row	105,80	M
29-128	115 x 20,00	double row	106,50	M
29-105	125 x 25,00	double row	107,00	M
29-121	150 x 30,00	double row	125,00	M
29-106	180 x 30,00	double row	149,00	M
29-10625	180 x 25,00	double row	149,00	M
29-112	230 x 31,50	double row	268,50	M

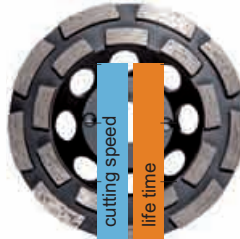
## CUP GRINDER TS ABRASIVE

APPLICATION: **abrasive materials**  
roughcast, lime floor, sandstone and similar materials

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:		Ø x HEIGHT:	PRICE:	PG:
		in mm		
29-124	110 x 22,00	double row	105,80	M
29-123	125 x 22,00	double row	107,00	M
29-119	150 x 24,00	double row	125,00	M
29-120	180 x 30,00	double row	149,00	M

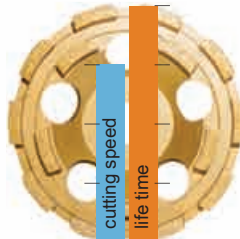
## CUP GRINDER TS EB-HARD

APPLICATION: **concrete**  
natural / artificial stones and similar materials  
Bosch / Eibenstock machines

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:		Ø x HEIGHT:	PRICE:	PG:
		in mm		
29-115	125 x 22,00	double row	118,50	M

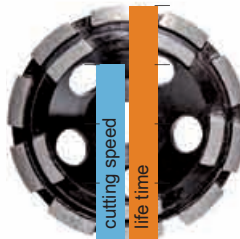
## CUP GRINDER TS EB-ABRASIVE

APPLICATION: **abrasive materials**, roughcast, limefloor, sandstone and similar materials  
Bosch / Eibenstock machines

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:		Ø x HEIGHT:	PRICE:	PG:
		in mm		
29-116	125 x 22,00	double row	118,50	M

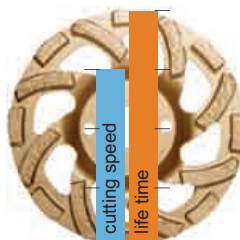
## CUP GRINDER TS PREMIUM-HARD

APPLICATION: **concrete**  
natural / artificial stones and similar materials  
Hilti machines

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:		Ø x HEIGHT:	PRICE:	PG:
		in mm		
29-117	125 x 22,00	double row	118,50	M
29-127	150 x 22,00 *	double row	130,00	M
29-118	180 x 30,00	double row	158,00	M

\* bore hole 19,00 mm + 5 beside hole

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND GRINDING TOOLS

ANGLE GRINDERS / GRINDING MACHINES



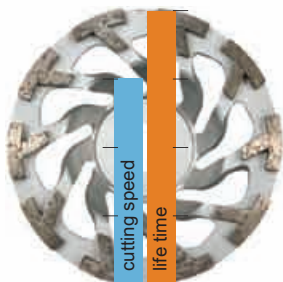
## CUP GRINDER TS T-SHAPE

APPLICATION: **concrete**  
natural / artificial stones and similar materials

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:	Ø x HEIGHT:		PRICE:	PG:
	in mm			
29-10401	100 x 20,00	T-segment	95,50	M
29-10701	115 x 20,00	T-segment	106,50	M
29-10501	125 x 20,00	T-segment	118,50	M
29-12101	150 x 28,00	T-segment	175,80	M
29-10601	180 x 31,00	T-segment	214,50	M

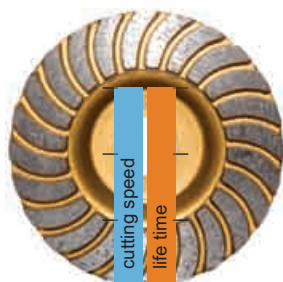
## CUP GRINDER TS TURBO

APPLICATION: **concrete**  
natural / artificial stones and similar materials

KIND OF PRODUCTION: sintered

TYPE OF SEGMENTS: continuous rim Turbo

BORE HOLE: 22,23 mm



PART-NO.:	Ø x HEIGHT:		PRICE:	PG:
	in mm			
29-130	100 x 28,00 *	Turbo	89,00	M
29-107	100 x 18,00	Turbo	89,00	M
29-125	125 x 20,00	Turbo	118,50	M
29-125B28	125 x 20,00 **	Turbo	118,50	M

\* M14-thread , aluminium-body  
\*\* bore hole 28,00 mm

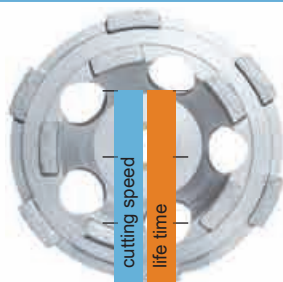
## CUP GRINDER TS PORCELAIN

APPLICATION: **porcelain**,  
hard tiles

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented

BORE HOLE: 22,23 mm



PART-NO.:	Ø x HEIGHT:		PREIS:	PG:
	in mm			
29-150	125 x 19,00	double row	118,50	M



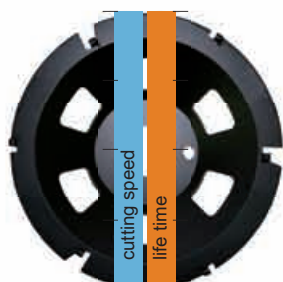
## CUP GRINDER TS LASER PCD

APPLICATION: **colors, glues**,  
thermoplastic paints, floorcover  
floor, tileglues,  
concrete without reinforcement

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: PCD

BORE HOLE: 22,23 mm



PART-NO.:	Ø x HEIGHT:		PRICE:	PG:
	in mm			
29-160	125 x 18,00	6 PCD	255,00	M
29-162	150 x 18,00	6 PCD	295,00	M
29-161	180 x 18,00	8 PCD	355,00	M



## ADAPTOR FOR CUP GRINDERS



PART-NO.:	ADAPTOR:		PRICE:	PG:
	from	to		
29-201	Ø 22,23 mm	M 14-thread	17,50	M

DIFFERENT DIAMETERS, DIFFERENT BORE HOLES ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

## GRINDING PLATE

APPLICATION: **floor grinding**

KIND OF PRODUCTION: brazed

TYPE OF SEGMENTS: segmented



PART-NO.:	DIMENSIONS in mm:	PRICE:	PG:
29-301	Ø 16 Segm. at 40 x 10 x 10	195,00	M
29-302	250 20 Segm. at 40 x 10 x 10	287,00	M

## GRINDING SEGMENTS

APPLICATION: **floor grinding**  
underground preparation, roughening

KIND OF PRODUCTION: sintered



PART-NO.:	l x w x h in mm	GRIT:	MATERIAL:	PRICE:	PG:
30-131	40 x 10 x 10	18 / 20	very hard	30,00	M
30-132	40 x 10 x 10	30 / 40	very hard	30,00	M
30-141	40 x 10 x 10	18 / 20	medium hard	30,00	M
30-142	40 x 10 x 10	30 / 40	medium hard	30,00	M

We develop and manufacture grinding segments in different sizes, shapes and grits.

## GRINDING SHOES / PLATES / PADS

APPLICATION: **floor grinding**  
underground preparation, roughening

KIND OF PRODUCTION: brazed



PART-NO.:	NO. x l x w x h in mm	GRIT:	MATERIAL:	PRICE:	PG:
30-231	2x 40 x 10 x 10	18 / 20	very hard	81,00	M
30-232	2x 40 x 10 x 10	30 / 40	very hard	81,00	M
30-241	2x 40 x 10 x 10	18 / 20	medium hard	81,00	M
30-242	2x 40 x 10 x 10	30 / 40	medium hard	81,00	M

We develop and manufacture grinding shoes / plates / pads in different sizes, shapes, no. of segments and grits.

# DIAMOND SAW BLADES

SPECIAL TOOLS

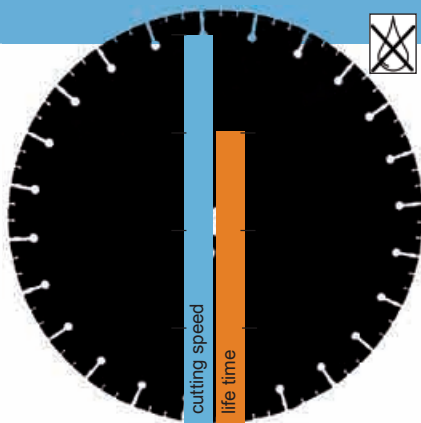


## ALLCUT AC

APPLICATION: **universal**  
concrete, natural / artificial stones, metal,  
plastics, carbon fiber, wood a.s.m.

KIND OF PRODUCTION:  
vacuum brazed

TYPE OF SEGMENTS: segmented



PART-NO.: DIMENSIONS in mm: PRICE: PG:

24-451	115 x 22,23	39,00	M
24-452	125 x 22,23	49,00	M
24-453	180 x 22,23	85,00	M
24-454	230 x 22,23	89,00	M
24-456	300 x 25,40	145,00	M
24-457	350 x 25,40	185,00	M
24-458	400 x 25,40	255,00	M

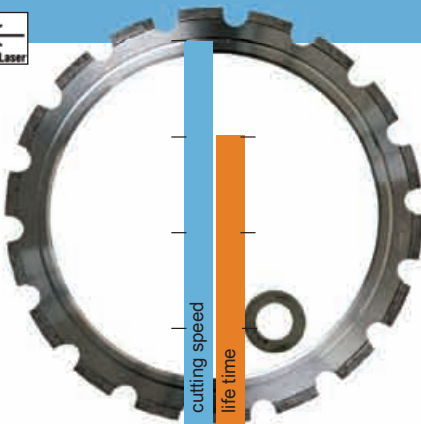
## CUTTING RING

APPLICATION: **universal**  
reinforced concrete, concrete, hard  
brickwork and similar materials

KIND OF PRODUCTION: laser welded

TYPE OF SEGMENTS: segmented

CONTENTS OF DELIVERY:



PART-NO.: MACHINE: PRICE: PG:

55-011	K3500 / K3600 18 segm. 40 x 4,3 x 9 mm	198,00	M
--------	---	--------	---

## DIAMOND SAW BLADES FOR WINDOWS GROOVE CUTTERS

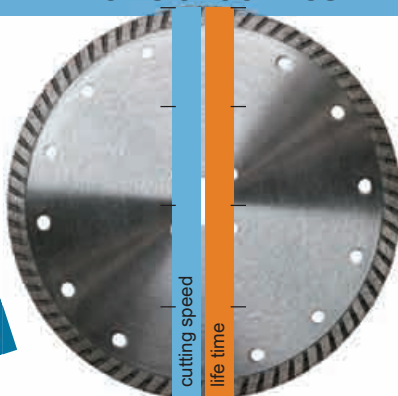
APPLICATION: **universal**  
middle hard to very hard materials

KIND OF PRODUCTION:  
sintered / laser welded

PRACTICE:

Ø 150 mm - BEPO FFS 150 - 151  
Ø 180 mm - Fein MF, Lamello Delta  
Tanga  
Ø 200 mm - Lamello Delta Tanga

**NEW**



PART-NO.: DIMENSIONS in mm: PRICE: PG:

Laser SF - segmented			
25-089	150 x 25,80 + 2 peg holes	82,50	M
25-088	180 x 22,23 + 4 peg holes	99,80	M
Turbo SF - continuous rim Turbo			
24-089	150 x 25,80 + 2 peg holes	54,70	M
24-088	180 x 22,23 + 4 peg holes	70,00	M
24-087	200 x 22,23 + 4 peg holes	82,50	M

## MORTAR RAKING BLADES FS



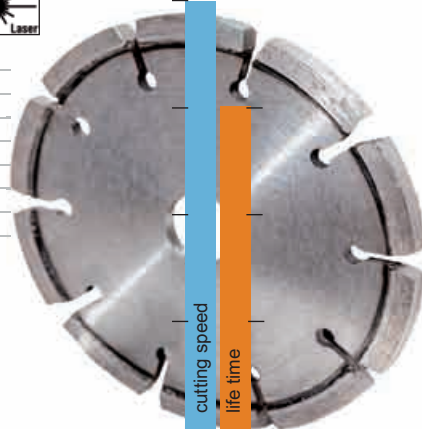
APPLICATION: **abrasive materials**

mortar, roughcast, brickwork  
and similar materials

KIND OF PRODUCTION:

brazed / laser welded

TYPE OF SEGMENTS: segmented



PART-NO.: DIMENSIONS in mm: PRICE: PG:

29-001	115 x 22,23	4,5 mm wide	86,00	M
29-004-6	115 x 22,23	6,0 mm wide	99,00	M
29-004	115 x 22,23	6,4 mm wide	104,00	M
29-009	115 x 22,23	8,0 mm wide	146,00	M

29-002	125 x 22,23	4,5 mm wide	90,00	M
29-005-6	125 x 22,23	6,0 mm wide	106,00	M
29-005	125 x 22,23	6,4 mm wide	115,00	M
29-010	125 x 22,23	10,0 mm wide	175,00	M

29-011	150 x 22,23	6,4 mm wide	125,00	M
--------	-------------	-------------	--------	---

29-006	180 x 22,23	6,4 mm wide	176,00	M
--------	-------------	-------------	--------	---

## CUT-OFF WHEELS IMPULS II

APPLICATION: **A60S-BF-INOX**

metal and stainless steel

CHARACTERISTICS:

extremely fast cutting,  
without iron, sulfur, chlorine

KIND OF PRODUCTION:

Made in Germany



PART-NO.: DIMENSIONS in mm: PRICE: PG:

30-001	115 x 22,23	1,0 mm wide	1,15 / pc.	M
--------	-------------	-------------	------------	---

30-002	125 x 22,23	1,0 mm wide	1,25 / pc.	M
--------	-------------	-------------	------------	---

packaging unit (PU = 25 pc)

## TILE HAND GRINDING PADS

APPLICATION: **tiles**

stoneware, terracotta, ceramics,  
natural stones and similar materials

PRACTICE:

smoothen the cutting edge

KIND OF PRODUCTION: electroplated



PART-NO.: DIMENSIONS in mm: PRICE: PG:

30-101	90 x 55 x 38	grit K 100 black	19,00	M
--------	--------------	------------------	-------	---

30-102	90 x 55 x 38	grit K 200 red	19,00	M
--------	--------------	----------------	-------	---

**NEW**



# DRY DRILL BITS

All our dry drill bits at **KERN-DEUDIAM** are made in our plant in Hövelhof, a true “Made in Germany” product. Quality assured and controlled throughout our production to offer you the best results.

Making use of the latest technology and carefully selected raw material for our production, we offer you the best drilling speed and tool life.

Research and development hand in hand with the professional user at the building site, we have developed the ultimate dry diamond segmented core drill for you.

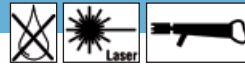
You can find our standard program displayed in our catalogue, but should you need special sizes, length, connection or segment sizes, please do not hesitate to contact us.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)





### DRILL BIT FOR SOCKET HOLES LASER ECO



APPLICATION: **brickwork medium hard**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

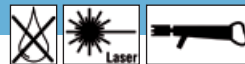
TYPE OF SEGEMENTS: roof top segments

CONNECTION: M 16



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
	Ø:	s-No. x l x b x h		
10-050	68	4 x 20 x 4,0 x 8	43,00	E
10-05001	72	4 x 20 x 4,0 x 8	69,00	E
10-051	82	5 x 20 x 4,0 x 8	56,00	E

### DRILL BIT FOR SOCKET HOLES LASER UNI



APPLICATION: **brickwork medium hard**

CHARACTERISTIC: vert long lifetime

KIND OF PRODUCTION:  
laser welded, Made in Germany

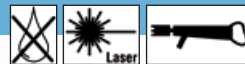
TYPE OF SEGEMENTS: roof top segments

CONNECTION: M 16



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
	Ø:	s-No. x l x w x h		
10-003	50	3 x 15 x 3,0 x 7	85,00	E
10-005	68	4 x 20 x 4,0 x 8	74,00	E
10-007	82	5 x 20 x 4,0 x 8	84,00	E
10-009	110	6 x 20 x 4,0 x 8	151,00	E
10-010	130	6 x 20 x 4,0 x 8	166,00	E

### DRILL BIT FOR SOCKET HOLES LASER KSH



APPLICATION: **brickwork hard, hard artificial sandstone**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

TYPE OF SEGEMENTS: roof top segments

CONNECTION: M 16



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
	Ø:	s-No. x l x w x h		
10-052	68	4 x 20 x 4,0 x 8	74,00	E
10-053	82	5 x 20 x 4,0 x 8	84,00	E

### DRILL BIT FOR SOCKET HOLES LASER BE



APPLICATION: **concrete stones hard artificial sandstone, old bricks**

CHARACTERISTIC: fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

TYPE OF SEGEMENTS: short segments

CONNECTION: M 16



PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
	Ø:	s-No. x l x w x h		
10-056	68	7 x 15 x 3,5 x 7	115,00	E
10-057	82	10 x 15 x 3,5 x 7	135,00	E

### DRILL BIT FOR SOCKET HOLES LASER TURBO M



APPLICATION: **universal - concrete, hard artificial sandstone, clinkers**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

TYPE OF SEGEMENTS: Turbo segments

CONNECTION: M 16



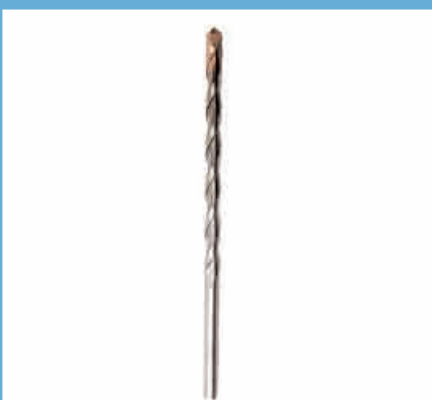
PART-NO.:	DIMENSIONS in mm:		PRICE:	PG:
	Ø:	s-No. x l x w x h		
10-065	68	5 x 16 x 4,0 x 9	74,00	E
10-066	82	6 x 16 x 4,0 x 9	84,00	E

## CONNECTIONS FOR DRY DRILL BITS FOR SOCKET HOLES M16



PART-NO.:	MACHINE CONNECTION:	DRILL BIT CONNECTION:	e.g. MACHINE	PRICE:	PG:
11-00108	1/2" female	M16 male	Metabo, DeWalt	25,00	D
11-00208	5/8" female	M16 male	Bosch	25,00	D
11-00308	M18 female	M16 male	KERN, Eibenstock, Cardi, Makita, Baier	25,00	D
11-008	drill chuck	M16 male		18,00	D
11-011	SDS-Plus	M16 male		25,00	D
11-016	SDS-Max	M16 male		49,50	D
13-075	1 1/4" UNC female	M16 male		49,00	H
13-078	R 1/2" male	M16 male		49,00	H
13-083	6 slots	M16 male		84,00	H

### CENTERING DRILL



PART-NO.:	DIMENSIONS:	PRICE:	PG:
	in mm		
11-010	Ø 8 x 130	5,00	D

### COPPER WASHER



PART-NO.:	DIMENSIONS:	PRICE:	PG:
	in mm		
11-020	Ø 20	0,50	D

### EXTENSION RODS M16



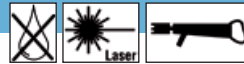
PART-NO.:	DIMENSIONS:	PRICE:	PG:
	in mm		
11-012	100 - SW24	28,00	D
11-013	200 - SW24	33,00	D
11-014	300 - SW24	44,00	D

**KERN-DEUDIAM** dry drill bits for socket holes are mainly used with connection M16. On request we can also manufacture with connection M18 x 1,5; M18 x 2,5; M22; M30 or 1/2" BSP back end. Also we can manufacture with bayonet connection (to samples).

For connections others than M16 we require longer delivery times and higher prices.

Generally the connection to different drilling machines is via inserts, which are also to hold the centering drill. For each machine connection we can deliver the correct insert, even if we have to produce the insert to customer wishes.

## DRILL BIT FOR SOCKET HOLES LASER ECO SK20



APPLICATION : **brickwork medium hard**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

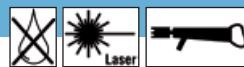
TYPE OF SEGEMENTS: roof top segments

CONNECTION: M 16  
with holes for dust extraction SK20



PART-NO.:	DIMENSIONS in mm:	PRICE:	PG:
	Ø: s-No. x l x w x h		
10-601	68 4 x 20 x 4,0 x 8	61,00	E
10-602	82 5 x 20 x 4,0 x 8	74,00	E

## DRILL BIT FOR SOCKET HOLES LASER KSH SK20



APPLICATION : **brickwork hard, hard artificial sandstone**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

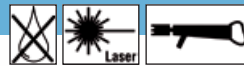
TYPE OF SEGEMENTS: roof top segments

CONNECTION: M 16  
with holes for dust extraction SK20



PART-NO.:	DIMENSIONS in mm:	PRICE:	PG:
	Ø: s-No. x l x w x h		
10-621	68 4 x 20 x 4,0 x 8	99,00	E
10-622	82 5 x 20 x 4,0 x 8	110,00	E

## DRILL BIT FOR SOCKET HOLES LASER BE SK20



APPLICATION : **concrete stones, hard artificial sandstone, old bricks**

CHARACTERISTIC: fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

TYPE OF SEGEMENTS: short segments

CONNECTION: M 16  
with holes for dust extraction SK20



PART-NO.:	DIMENSIONS in mm:	PRICE:	PG:
	Ø: s-No. x l x w x h		
10-631	68 7 x 15 x 3,5 x 7	138,00	E
10-632	82 10 x 15 x 3,5 x 7	161,00	E

## DRILL BIT FOR SOCKET HOLES LASER TURBO M SK20



APPLICATION : **universal - concrete, hard artificial sandstone, clinker**

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION:  
laser welded, Made in Germany

TYPE OF SEGEMENTS: Turbo segments

CONNECTION: M 16  
with holes for dust extraction SK20



PART-NO.:	DIMENSIONS in mm:	PRICE:	PG:
	Ø: s-No. x l x w x h		
10-665	68 5 x 16 x 4,0 x 9	99,00	E
10-666	82 6 x 16 x 4,0 x 9	110,00	E

## DRY CORE DRILL UNI SK20



APPLICATION: brickwork (except concrete)

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: M 16  
with slot for dust extraction SK20



OUTER-Ø:	USABLE LENGTH:	SEGMENTS:	NUMBER:	PART-NO.:	PRICE:	PG:
in mm	in mm	l x w x h		new		
68	300	20 x 4,0 x 8	4	10-850	140,00	E
82	300	20 x 4,0 x 8	5	10-852	146,00	E
92	300	20 x 4,0 x 8	5	10-853	151,00	E
102	300	20 x 4,0 x 8	5	10-854	154,00	E
112	300	20 x 4,0 x 8	5	10-855	164,00	E
122	300	20 x 4,0 x 8	7	10-856	195,00	E
127	300	20 x 4,0 x 8	7	10-857	210,00	E
132	300	20 x 4,0 x 8	7	10-858	215,00	E
152	300	20 x 4,5 x 8	7	10-860	225,00	E
162	300	20 x 4,5 x 8	7	10-861	233,00	E
182	300	20 x 4,5 x 8	8	10-862	265,00	E
200	300	20 x 4,5 x 8	8	10-863	309,00	E

## DUST EXTRACTION SK20

For drill bit M 16

For drilling dust free socket holes in brickwork.

Only to use with an industrial vacuum cleaner,  
i.e. COMPACT M



Without quick change coupling

PART-NO.: Connection machine M18 female	11-420
PART-NO.: Connection machine M16 female	11-421
PART-NO.: Connection machine 5/8" female	11-422
PRICE:	75,00
PG:	D

With quick change coupling

PART-NO.: Connection machine M18 female	11-420SM
PART-NO.: Connection machine M16 female	11-421SM
PART-NO.: Connection machine 5/8" female	11-422SM
PRICE:	175,00
PG:	D

Sets on request

## SK20 - ACCESSORY



11-410



11-410300



11-105

PART-NO.:		PRICE:	PG:
11-410	centering spike, springy for dry bits 70 mm long	19,50	D
11-410300	centering spike, springy for dry bits 300 mm long	84,70	D
11-105	mounting key for loosening the dry core	5,00	D

## DRY CORE DRILLS UNI SK1



APPLICATION: brickwork (except concrete)

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: Made In Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 1 1/4" UNC



OUTER-Ø:	USABLE LENGTH:	SEGMENTS:	NUMBERS.:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
in mm	in mm	l x w x h		<b>new</b>			<b>retip</b>		
52	400	20 x 4,0 x 8	4	10-101	131,00	E	10-201	100,00	E
58	400	20 x 4,0 x 8	4	10-102	132,00	E	10-202	100,00	E
62	400	20 x 4,0 x 8	4	10-103	133,00	E	10-203	100,00	E
65	400	20 x 4,0 x 8	4	10-104	139,00	E	10-204	100,00	E
68	400	20 x 4,0 x 8	4	10-105	140,00	E	10-205	100,00	E
72	400	20 x 4,0 x 8	4	10-106	141,00	E	10-206	100,00	E
78	400	20 x 4,0 x 8	4	10-107	145,00	E	10-207	100,00	E
82	400	20 x 4,0 x 8	4	10-108	146,00	E	10-208	100,00	E
88	400	20 x 4,0 x 8	4	10-109	150,00	E	10-209	100,00	E
92	400	20 x 4,0 x 8	4	10-110	151,00	E	10-210	100,00	E
102	400	20 x 4,0 x 8	5	10-111	154,00	E	10-211	105,00	E
107	400	20 x 4,0 x 8	5	10-112	163,00	E	10-212	105,00	E
112	400	20 x 4,0 x 8	5	10-113	164,00	E	10-213	105,00	E
122	400	20 x 4,0 x 8	7	10-114	195,00	E	10-214	133,00	E
127	400	20 x 4,0 x 8	7	10-119	210,00	E	10-219	133,00	E
132	400	20 x 4,0 x 8	7	10-115	215,00	E	10-215	133,00	E
142	400	20 x 4,0 x 8	7	10-116	220,00	E	10-216	133,00	E
152	400	20 x 4,5 x 8	7	10-117	225,00	E	10-217	133,00	E
162	400	20 x 4,5 x 8	7	10-118	233,00	E	10-218	133,00	E
182	400	20 x 4,5 x 8	8	10-120	265,00	E	10-220	133,00	E
200	400	20 x 4,5 x 8	8	10-121	309,00	E	10-221	140,00	E
225	400	20 x 4,5 x 8	10	10-122	335,00	E	10-222	160,00	E
250	400	20 x 5,0 x 8	10	10-123	355,00	E	10-223	160,00	E

## DUST EXTRACTION SK1



Connection core bit 1 1/4" male

With dust proof ball bearings, double support, for drilling dust free holes in brickwork.

To be used with an industrial vacuum cleaner, i.e. COMPACT M

PART-NO.: - Connection machine R 1/2" male 10-031

PART-NO.: - Connection machine M18 female 10-031M18

PRICE: 155,00

PG: D

## CENTERING HELP FOR CORE DRILLS FOR SK1



For centering core drills with use of SK1

PART-NO.: 11-207

For 200 mm long core drills

PRICE: 88,00

PG: D

PART-NO.: 11-204

For 300 mm long core drills

PRICE: 101,00

PG: D

PART-NO.: 11-205

For 400 mm long core drills

PRICE: 107,00

PG: D



# WET DRILL BITS

All diamond segmented core drills from **KERN-DEUDIAM** are manufactured at our own plant, hence "Made in Germany".

Making use of the latest equipment technology in laser welding and brazing, plus carefully selected raw materials for our production, we offer you the best drilling speed and tool life.

Research and development hand in hand with the professional user at the building site we have developed the ultimate diamond segmented core drill for you.

Depending on your needs, you can choose between 2 product lines – KBN Premium for fast drilling and KBW Premium for long lifetime. In addition to this we develop and produce special core bits and single segments to customer needs. Used core bits you can either get a retip from **KERN-DEUDIAM** or in case of standard thread (1 ¼" UNC) you can change for a better price into a new core bit (only laser welded core bits).

In the range from Ø 8 mm up to Ø 305 mm, most of our core bits are laser welded on the welding station BSM 300, Made by Dr. Fritsch, Germany.

You can use the **KERN-DEUDIAM** wet core bits with 1 ¼" UNC and R ½" nearly on all diamond drilling systems – on some you may need an adaptor.

You will find in our product range as well single segments, crowns and accessories.

Our standard range is displayed in our catalogue, but should you need special sizes, length, connection or segment sizes, please do not hesitate to contact us.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)



## WET CORE DRILLS KBN PREMIUM 1 1/4" UNC



APPLICATION: reinforced concrete, brickwork

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: laser welded up to Ø 305 mm  
over Ø 300 mm brazed, Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 1 1/4" UNC



OUTER Ø:	USABLE LENGTH:	SEGMENTS:	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG
in mm	in mm	l x w x h		new			exchange			retip		
52	450	24 x 3,5 x 11	5	16-900	108,00		16-900AT	96,00	IAN	17-900	85,00	
58	450	24 x 3,5 x 11	5	16-942	108,00		16-942AT	96,00	IAN	17-942	85,00	
62	450	24 x 3,5 x 11	5	16-901	112,00		16-901AT	100,00	IAN	17-901	85,00	
65	450	24 x 3,5 x 11	6	16-918	126,00		16-918AT	112,00	IAN	17-918	102,00	
68	450	24 x 3,5 x 11	6	16-936	126,00		16-936AT	112,00	IAN	17-936	102,00	
72	450	24 x 3,5 x 11	6	16-902	131,00		16-902AT	116,00	IAN	17-902	102,00	
78	450	24 x 3,5 x 11	7	16-935	144,00		16-935AT	128,00	IAN	17-935	119,00	
82	450	24 x 3,5 x 11	7	16-903	144,00		16-903AT	128,00	IAN	17-903	119,00	
92	450	24 x 3,5 x 11	8	16-904	158,00		16-904AT	140,00	IAN	17-904	136,00	
102	450	24 x 3,5 x 11	8	16-905	167,00		16-905AT	148,00	IAN	17-905	136,00	
107	450	24 x 3,5 x 11	9	16-906	185,00		16-906AT	164,00	IAN	17-906	153,00	
112	450	24 x 3,5 x 11	9	16-907	189,00		16-907AT	168,00	IAN	17-907	153,00	
122	450	24 x 3,5 x 11	10	16-908	203,00		16-908AT	180,00	IAN	17-908	170,00	
125	450	24 x 3,5 x 11	10	16-937	288,00		16-937AT	256,00	IAN	17-937	170,00	
127	450	24 x 3,5 x 11	10	16-909	212,00		16-909AT	188,00	IAN	17-909	170,00	
132	450	24 x 3,5 x 11	11	16-910	230,00		16-910AT	204,00	IAN	17-910	187,00	
142	450	24 x 3,5 x 11	12	16-917	248,00		16-917AT	220,00	IAN	17-917	204,00	
152	450	24 x 4,0 x 11	12	16-933	252,00		16-933AT	224,00	IAN	17-933	204,00	
162	450	24 x 4,0 x 11	12	16-912	261,00		16-912AT	232,00	IAN	17-912	204,00	
172	450	24 x 4,0 x 11	13	16-913	324,00		16-913AT	288,00	IAN	17-913	221,00	
182	450	24 x 4,0 x 11	13	16-916	310,00		16-916AT	276,00	IAN	17-916	221,00	
187	450	24 x 4,0 x 11	14	16-947	351,00		16-947AT	312,00	IAN	17-947	238,00	
192	450	24 x 4,0 x 11	14	16-914	360,00		16-914AT	320,00	IAN	17-914	238,00	
200	450	24 x 4,0 x 11	14	16-915	329,00		16-915AT	292,00	IAN	17-915	238,00	
212	450	24 x 4,0 x 11	14	16-934	437,00		16-934AT	388,00	IAN	17-934	266,00	
225	450	24 x 4,0 x 11	15	16-922	509,00		16-922AT	452,00	IAN	17-922	285,00	
232	450	24 x 4,0 x 11	15	16-940	509,00		16-940AT	452,00	IAN	17-940	285,00	
250	450	24 x 4,5 x 11	15	16-923	518,00		16-923AT	460,00	IAN	17-923	315,00	
257	450	24 x 4,5 x 11	15	16-941	536,00		16-941AT	476,00	IAN	17-941	315,00	
300	450	24 x 4,5 x 11	17	16-924	603,00		16-924AT	536,00	IAN	17-924	357,00	
305	450	24 x 4,5 x 11	17	16-978	698,00		16-978AT	620,00	IAN	17-978	357,00	
350	450	24 x 4,5 x 10	18	16-925	644,00					17-925	378,00	
400	450	24 x 5,0 x 10	20	16-926	770,00					17-926	420,00	
450	450	24 x 5,0 x 10	22	16-927	860,00					17-927	462,00	
500	450	24 x 5,0 x 10	25	16-928	954,00					17-928	525,00	
550	450	24 x 5,0 x 10	30	16-943	1.120,00					17-943	630,00	
600	450	24 x 5,0 x 10	30	16-929	1.325,00					17-929	630,00	
700	450	24 x 5,0 x 10	35	16-930	1.656,00					17-930	735,00	
800	450	24 x 5,0 x 10	40	16-931	2.074,00					17-931	840,00	
1000	450	24 x 5,0 x 10	45	16-932	2.197,00					17-932	945,00	

## SINGLE SEGMENTS KBN PREMIUM

APPLICATION: reinforced concrete, brickwork

TYPE: roof top segment, Made in Germany

CHARACTERISTIC: very fast cutting



SIZE in mm:	FOR Ø:	PART-NO.:	PRICE:	PG:
l x w x h	in mm			
24 x 3,5 x 10	Ø 52 - 58	60-050	8,60	
24 x 3,5 x 10	Ø 59 - 67	60-057	8,60	
24 x 3,5 x 10	Ø 68 - 76	60-051	8,60	
24 x 3,5 x 10	Ø 78 - 110	60-058	8,20	
24 x 3,5 x 10	Ø 112 - 132	60-052	8,20	
24 x 3,5 x 10	Ø 133 - 165	60-059	8,20	
24 x 4,0 x 10	Ø 133 - 165	60-053	8,70	
24 x 4,5 x 10	Ø 133 - 165	60-061	9,60	
24 x 4,0 x 10	Ø 166 - 212	60-054	8,70	
24 x 4,0 x 10	Ø 213 - and bigger	60-060	8,70	
24 x 4,5 x 10	Ø 213 - and bigger	60-055	9,60	
24 x 5,0 x 10	Ø 213 - and bigger	60-056	10,60	

## WET CORE DRILLS KBW PREMIUM 1 1/4" UNC



APPLICATION: reinforced concrete, brickwork

CHARACTERISTIC: long lifetime

KIND OF PRODUCTION: Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 1 1/4" UNC



OUTER-Ø:	USABLE LENGTH:	SEGMENTS:	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
in mm	in mm	l x w x h		new			retip		
52	450	24 x 3,5 x 10	5	16-700	108,00		17-700	85,00	
58	450	24 x 3,5 x 10	5	16-742	108,00		17-742	85,00	
62	450	24 x 3,5 x 10	5	16-701	112,00		17-701	85,00	
65	450	24 x 3,5 x 10	6	16-718	126,00		17-718	102,00	
68	450	24 x 3,5 x 10	6	16-736	126,00		17-736	102,00	
72	450	24 x 3,5 x 10	6	16-702	131,00		17-702	102,00	
78	450	24 x 3,5 x 10	7	16-735	144,00		17-735	119,00	
82	450	24 x 3,5 x 10	7	16-703	144,00		17-703	119,00	
92	450	24 x 3,5 x 10	8	16-704	158,00		17-704	136,00	
102	450	24 x 3,5 x 10	8	16-705	167,00		17-705	136,00	
107	450	24 x 3,5 x 10	9	16-706	185,00		17-706	153,00	
112	450	24 x 3,5 x 10	9	16-707	189,00		17-707	153,00	
122	450	24 x 3,5 x 10	10	16-708	203,00		17-708	170,00	
125	450	24 x 3,5 x 10	10	16-737	288,00		17-737	170,00	
127	450	24 x 3,5 x 10	10	16-709	212,00		17-709	170,00	
132	450	24 x 3,5 x 10	11	16-710	230,00		17-710	187,00	
142	450	24 x 3,5 x 10	12	16-717	248,00		17-717	204,00	
152	450	24 x 4,0 x 10	12	16-733	252,00		17-733	204,00	
162	450	24 x 4,0 x 10	12	16-712	261,00		17-712	204,00	
172	450	24 x 4,0 x 10	13	16-713	324,00		17-713	221,00	
182	450	24 x 4,0 x 10	13	16-716	310,00		17-716	221,00	
187	450	24 x 4,0 x 10	14	16-747	351,00		17-747	238,00	
192	450	24 x 4,0 x 10	14	16-714	360,00		17-714	238,00	
200	450	24 x 4,0 x 10	14	16-715	329,00		17-715	238,00	
212	450	24 x 4,0 x 10	14	16-734	437,00		17-734	266,00	
225	450	24 x 4,0 x 10	15	16-722	509,00		17-722	285,00	
232	450	24 x 4,0 x 10	15	16-740	509,00		17-740	285,00	
250	450	24 x 4,5 x 10	15	16-723	518,00		17-723	315,00	
257	450	24 x 4,5 x 10	15	16-741	536,00		17-741	315,00	
300	450	24 x 4,5 x 10	17	16-724	603,00		17-724	357,00	
305	450	24 x 4,5 x 10	17	16-778	698,00		17-778	357,00	
350	450	24 x 4,5 x 10	18	16-725	644,00		17-725	378,00	
400	450	24 x 5,0 x 10	20	16-726	770,00		17-726	420,00	
450	450	24 x 5,0 x 10	22	16-727	860,00		17-727	462,00	
500	450	24 x 5,0 x 10	25	16-728	954,00		17-728	525,00	
550	450	24 x 5,0 x 10	30	16-743	1.120,00		17-743	630,00	
600	450	24 x 5,0 x 10	30	16-729	1.325,00		17-729	630,00	
700	450	24 x 5,0 x 10	35	16-730	1.656,00		17-730	735,00	
800	450	24 x 5,0 x 10	40	16-731	2.074,00		17-731	840,00	
1000	450	24 x 5,0 x 10	45	16-732	2.197,00		17-732	945,00	

## SINGLE SEGMENTS KBW PREMIUM

APPLICATION: reinforced concrete, brickwork

TYPE: roof top segment, Made in Germany

CHARACTERISTIC: long lifetime



DIMENSIONS in mm:	FOR Ø:	PART-NO.:	PRICE:	PG:
l x w x h	in mm			
24 x 3,5 x 10	Ø 52 - 58	60-700	8,60	
24 x 3,5 x 10	Ø 59 - 67	60-701	8,60	
24 x 3,5 x 10	Ø 68 - 76	60-702	8,60	
24 x 3,5 x 10	Ø 78 - 110	60-703	8,20	
24 x 3,5 x 10	Ø 112 - 132	60-704	8,20	
24 x 3,5 x 10	Ø 133 - 165	60-705	8,20	
24 x 4,0 x 10	Ø 133 - 165	60-706	8,70	
24 x 4,0 x 10	Ø 166 - 212	60-707	8,70	
24 x 4,0 x 10	Ø 213 - and bigger	60-710	8,70	
24 x 4,5 x 10	Ø 213 - and bigger	60-708	9,60	
24 x 5,0 x 10	Ø 213 - and bigger	60-709	10,60	



## WET CORE DRILLS KBN PREMIUM 3-HOLE-FLANGE

APPLICATION: reinforced concrete, brickwork

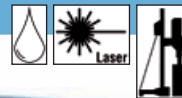
CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: laser welded up to Ø 305 mm, over Ø 305 mm brazed, Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 3-hole-flange

**NEW**



OUTER-Ø: in mm	USABLE LENGTH: in mm	SEGMENTS: l x w x h	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
				<b>new</b>			<b>retip</b>		
127	300	24 x 3,5 x 11	10	16-909/3Loch	212,00	I	17-909	170,00	I
138	300	24 x 3,5 x 11	11	16-950/3Loch	248,00	I	17-950	187,00	I
152	300	24 x 4,0 x 11	12	16-933/3Loch	252,00	I	17-933	204,00	I
158	300	24 x 4,0 x 11	12	16-951/3Loch	260,00	I	17-951	204,00	I
162	300	24 x 4,0 x 11	12	16-912/3Loch	261,00	I	17-912	204,00	I
172	300	24 x 4,0 x 11	13	16-913/3Loch	324,00	I	17-913	221,00	I
178	300	24 x 4,0 x 11	13	16-979/3Loch	309,00	I	17-979	221,00	I
182	300	24 x 4,0 x 11	13	16-916/3Loch	310,00	I	17-916	221,00	I
186	300	24 x 4,0 x 11	14	16-947/3Loch	351,00	I	17-947	238,00	I
195	300	24 x 4,0 x 11	14	16-983/3Loch	363,00	I	17-983	238,00	I
200	300	24 x 4,0 x 11	14	16-915/3Loch	329,00	I	17-915	238,00	I
225	300	24 x 4,0 x 11	15	16-922/3Loch	509,00	I	17-922	285,00	I
232	300	24 x 4,0 x 11	15	16-940/3Loch	509,00	I	17-940	285,00	I
257	300	24 x 4,5 x 11	15	16-941/3Loch	536,00	I	17-941	315,00	I
297	300	24 x 4,5 x 11	16	16-980/3Loch	603,00	I	17-980	336,00	I
330	300	24 x 4,5 x 10	17	16-958/3Loch	644,00	I	17-958	357,00	I
354	300	24 x 4,5 x 10	18	16-984/3Loch	675,00	I	17-984	378,00	I

## WET CORE DRILLS KBN PREMIUM 1 1/4" UNC

APPLICATION: reinforced concrete - taking core specimens

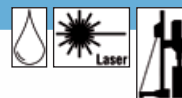
CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: laser welded, Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 1 1/4" UNC, USABLE LENGTH: 450mm

**NEW**



OUTER-Ø: in mm:	INNER-Ø: in mm:	SEGMENTS: l x w x h	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
				<b>new</b>			<b>retip</b>		
57	50	24 x 3,5 x 11	5	16-981	108,00	I	17-981	85,00	I
107	100	24 x 3,5 x 11	9	16-906	185,00	I	17-906	153,00	I
158	150	24 x 4,0 x 11	12	16-951	260,00	I	17-951	204,00	I
208	200	24 x 4,0 x 11	14	16-982	437,00	I	17-982	238,00	I

## WET CORE DRILLS KBA PREMIUM 1 1/4" UNC

APPLICATION: asphalt - taking core specimens

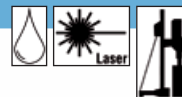
CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: laser welded, Made in Germany

TYPE OF SEGMENTS: roof top segments

CONNECTION: 1 1/4" UNC

**NEW**



OUTER-Ø in mm:	INNER-Ø: in mm:	SEGMENTS: l x w x h	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
				<b>new</b>			<b>retip</b>		
57	50	24 x 3,5 x 11	5	16-381	108,00	I	17-381	85,00	I
107	100	24 x 3,5 x 11	9	16-306	185,00	I	17-306	153,00	I
158	150	24 x 4,0 x 11	12	16-351	260,00	I	17-351	204,00	I
208	200	24 x 4,0 x 11	14	16-382	437,00	I	17-382	238,00	I

DIFFERENT DIAMETERS AND USABLE LENGTH ARE POSSIBLE ON REQUEST.  
 PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
 WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

## WET CORE DRILLS KBN R 1/2"



APPLICATION: reinforced concrete, brickwork

CHARACTERISTIC: very fast cutting

KIND OF PRODUCTION: Made in Germany

TYPE OF SEGMENTS: ring segments, roof top segments

CONNECTION: R 1/2"



OUTER-Ø:	USABLE LENGTH	SEGMENTS:	NUMBER:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:	PART-NO.:	PRICE:	PG:
in mm	in mm	l x w x h		new			exchange			retip		
10	320	ring segment	1	14-002	82,80	I				15-002	69,00	I
12	320	ring segment	1	14-003	83,80	I				15-003	70,00	I
14	320	ring segment	1	14-004	84,80	I				15-004	71,00	I
16	320	ring segment	1	14-005	85,90	I				15-005	72,00	I
18	400	ring segment	1	14-006	87,90	I				15-006	74,00	I
20	400	ring segment	1	14-007	92,10	I				15-007	77,00	I
22	400	ring segment	1	14-008	93,10	I				15-008	78,00	I
24	400	ring segment	1	14-024	94,10	I				15-024	79,00	I
25	400	ring segment	1	14-009	94,10	I				15-009	79,00	I
26	400	ring segment	1	14-028	96,20	I				15-028	81,00	I
28	400	ring modul	1	14-025	96,20	I				15-025	81,00	I
30	400	ring modul	1	14-010	96,20	I				15-010	81,00	I
32	400	ring modul	1	14-027	111,70	I				15-027	94,00	I
35	400	ring modul	1	14-011	111,70	I				15-011	94,00	I
36	400	ring modul	1	14-030	121,00	I				15-030	102,00	I
38	400	ring modul	1	14-032	121,00	I				15-032	102,00	I
40	400	ring modul	1	14-012	121,00	I				15-012	102,00	I
42	400	ring modul	1	14-031	123,10	I				15-031	105,00	I
45	400	15 x 3,0 x 7	5	14-034	106,60	I	14-034AT	90,00	IAN	15-034	78,00	I
50	400	20 x 3,0 x 8	6	14-013	106,60	I	14-013AT	90,00	IAN	15-013	93,00	I
52	400	20 x 3,0 x 8	6	14-036	106,60	I	14-036AT	90,00	IAN	15-036	93,00	I
55	400	20 x 3,0 x 8	6	14-029	110,70	I	14-029AT	94,00	IAN	15-029	93,00	I
60	400	20 x 3,0 x 8	6	14-014	111,70	I	14-014AT	95,00	IAN	15-014	93,00	I
68	400	20 x 3,0 x 8	7	14-026	126,20	I	14-026AT	107,00	IAN	15-026	109,00	I
72	400	20 x 3,0 x 8	7	14-015	128,30	I	14-015AT	109,00	IAN	15-015	109,00	I
82	400	20 x 3,0 x 8	8	14-016	154,10	I	14-016AT	131,00	IAN	15-016	124,00	I
92	400	20 x 3,0 x 8	9	14-017	159,30	I	14-017AT	135,00	IAN	15-017	140,00	I
102	400	20 x 3,0 x 8	9	14-018	171,70	I	14-018AT	146,00	IAN	15-018	140,00	I
112	400	20 x 3,0 x 8	10	14-019	192,40	I	14-019AT	163,00	IAN	15-019	155,00	I
122	400	20 x 3,0 x 8	10	14-020	212,00	I	14-020AT	180,00	IAN	15-020	155,00	I
132	400	24 x 3,5 x 11	11	14-021	239,90	I	14-021AT	203,00	IAN	15-021	187,00	I
142	400	24 x 3,5 x 11	12	14-022	257,50	I	14-022AT	218,00	IAN	15-022	204,00	I
152	400	24 x 4,0 x 11	12	14-023	259,60	I	14-023AT	220,00	IAN	15-023	204,00	I

## RING SEGMENTS / CROWS DB10

### Ring segment DB10

APPLICATION: reinforced concrete, granite

TYPE: ring segment, Made in Germany



DIMENSIONS:		FOR DRILL BITS:	PART-NO.:	PRICE:	PG:
in mm		in mm			
Ø 10		Ø 10	60-102	36,20	I
Ø 12		Ø 12	60-103	36,40	I
Ø 14		Ø 14	60-104	37,90	I
Ø 16		Ø 16	60-105	39,60	I
Ø 18		Ø 18	60-106	41,40	I
Ø 20		Ø 20	60-107	43,70	I
Ø 22		Ø 22	60-108	45,60	I
Ø 24		Ø 24	60-109	47,60	I
Ø 25		Ø 25	60-110	48,50	I
Ø 26		Ø 26	60-111	50,20	I

### Ring modul DB10

APPLICATION: reinforced concrete, granite

TYPE: ring modul, Made in Germany



Ø 28		Ø 28	60-112	51,20	I
Ø 30		Ø 30	60-113	53,20	I
Ø 32		Ø 32	60-114	55,10	I
Ø 35		Ø 35	60-115	57,90	I
Ø 38		Ø 38	60-116	60,30	I
Ø 40		Ø 40	60-117	62,60	I
Ø 42		Ø 42	60-118	64,40	I

# DRILL BITS FOR TILES

ANGLE GRINDERS / DIAMOND DRILLING MACHINES



## DRILL BITS KBF-PREMIUM



APPLICATION: tiles, ceramics, hard pressed tiles, granite, marble

CHARACTERISTIC: fast cutting

KIND OF PRODUCTION: vacuum brazed

TYPE OF SEGMENTS: continuous rim - 15 mm height

CONNECTION : M14 (for angle grinders)



OUTER-Ø: in mm	USABLE LENGTH: in mm	SEGMENTS:	PART-NO.:	PRICE:	PG:
6	32	continuous rim	14-050P	21,10	IF
8	32	continuous rim	14-051P	22,70	IF
10	32	continuous rim	14-052P	23,00	IF
12	32	continuous rim	14-053P	24,50	IF
14	32	continuous rim	14-054P	25,00	IF
16	32	continuous rim	14-071P	28,60	IF
18	32	continuous rim	14-055P	31,50	IF
20	32	continuous rim	14-056P	34,70	IF
22	32	continuous rim	14-057P	41,80	IF
25	32	continuous rim	14-058P	43,50	IF
30	32	continuous rim	14-072P	53,10	IF
32	32	continuous rim	14-059P	56,70	IF
35	32	continuous rim	14-060P	62,10	IF
40	32	continuous rim	14-062P	70,00	IF
45	32	continuous rim	14-063P	79,50	IF
50	32	continuous rim	14-064P	86,90	IF
55	32	continuous rim	14-070P	93,50	IF
60	32	continuous rim	14-065P	105,00	IF
65	32	continuous rim	14-066P	113,30	IF
68	32	continuous rim	14-069P	120,20	IF
70	32	continuous rim	14-073P	122,10	IF
75	32	continuous rim	14-068P	133,40	IF
80	32	continuous rim	14-074P	142,30	IF

## WET DRILL BITS KBF - SET



APPLICATION: tiles, ceramics, hard pressed tiles, granite, marble

USE: only wet drilling

CHARACTERISTIC: fast cutting

KIND OF PRODUCTION: electroplated

TYPE OF SEGMENTS: continuous rim

CONNECTION: hexagon

Set consists of:

drill Ø 5mm, Ø 6mm, Ø 7mm, Ø 8mm, Ø 10mm, Ø 12mm,  
plus centering device all in plastic case.

PART-NO.:	PRICE:	PG:
14-077SET	99,00	IF



## CENTERING DEVICE FOR DRILL BITS FOR TILLES

	PART-NO.:	PRICE:	PG:
For Ø 6 mm up to 100 mm			
MATERIAL : metal - works with vacuum	13-202	15,00	H



DIFFERENT DIAMETERS AND USABLE LENGTH ARE POSSIBLE ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.



# DIAMOND DRILLING MACHINES

The diamond drilling machines from **KERN-DEUDIAM** are designed for professional use only. In cooperation with specialized electric motor manufacturer from Europe we are in condition to offer you products of the highest quality and reliability. I.e. most machines from CARDI have 3 years guarantee.

At **KERN-DEUDIAM** we are sure to have the diamond drilling machine that suits your needs and fits your budget. Standard machines are always in stock as well as spare parts and accessories.

Should you need any assistance in choosing the right machine, please contact us, we are sure to have just what you and your company is looking for.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)



# DIAMOND DRILLING MACHINES

## HAND HELD MACHINES CARDI-TALPA

### RANGE-CARDI-TALPA

- TALPA-drilling machines are made with aluminium cast housing and are very durable.
- TALPA-machines are the only once with complete electronic safety due to its multi-function-electronics; which results in less mechanical wear.
- TALPA-motors will never reach overload due to this electronic.
- PRCD-safety switch and water connection set are included in the dry / wet models.



1800-82



1800-102-N



T1 2200-AS



1 MAN-N



### TECHNICAL DETAILS:

RANGE CARDI-TALPA	TALPA 1800-82	TALPA 1800-102-N	TALPA T1 2200	TALPA 1MAN-N
PART-NO.:	12-111	12-113K	12-105	12-104K
VOLTAGE:	230 V	230 V	230 V	230 V
POWER:	1800 W	1800 W	2200 W	2200 W
DRILLING-Ø DRY BRICKWORK:	30 - 90 mm	65 - 165 mm	40 - 225 mm	20 - 250 mm
DRILLING-Ø WET CONCRETE:		65 - 130 mm	40 - 150 mm	45 - 160 mm
UNDER LOAD SPEED:	1300 RPM	510 RPM	510 / 1030 RPM	485 / 1170 / 1780 RPM
SPINDLE:	M 18	1¼" UNC + ½" G	1¼" UNC + ½" G	1¼" UNC + ½" G
MOTOR MOUNTING-Ø:	60 mm	60 mm	60 mm	60 mm
WEIGHT:	4,6 kg	4,6 kg	6,0 kg	7,3 kg
PRICE:	495,00	830,00	1.010,00	1.170,00
PG:	C	C	C	C
<b>Model with Included dust extraction</b>		TALPA 1800-102-AS	TALPA 2200-AS	TALPA 1MAN-AS
PART-NO.:		12-113AS	12-103	12-119
PRICE:		900,00	1.080,00	1.240,00
PG:		C	C	C

MORE MACHINES ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND DRILLING MACHINES

## HAND HELD MACHINES WEKA-DK

### RANGE WEKA-DK

- WEKA-DK drilling machines are made with aluminium cast housing and very durable.
- WEKA-DK drilling machines have a pistol grip for fast handling of the machines.
- WEKA-DK machines have an integrated connection for dust extraction or water supply.
- PRCD-safety switch, plastic case and a water connection set are included.



WEKA DK17



### TECHNICAL DETAILS:

RANGE WEKA-DK	DK17
PART-NO.:	12-296
VOLTAGE:	230 V
POWER:	2000 W
DRILLING-Ø DRY BRICKWORK:	20 - 200 mm
DRILLING-Ø WET CONCRETE:	20 - 160 mm
UNDER LOAD SPEED:	540 / 1200 / 2520 RPM
SPINDLE:	1 1/4" UNC + Adaptor G 1/2"
MOTOR MOUNTING-Ø:	60 mm
WEIGHT:	6,3 kg
PRICE:	1.550,00
PG:	C

## HAND HELD MACHINES DB

### RANGE DB

- DB drilling machines are ideal for craftsmen, because of the favourable price.
- DB drilling machines have a combined aluminium cast and plastic housing.
- Delivery includes a metal case.



DB 1300 T



DB 1700 T



### TECHNICAL DETAILS:

RANGE DB	DB 1300 T	DB 1700 T
PART-NO.:	12-302	12-300
VOLTAGE:	230 V	230 V
POWER:	1300 W	1700 W
DRILLING-Ø RDY BRICKWORK:	20 - 82 mm	20 - 132 mm
UNDER LOAD SPEED:	2000 RPM	1000 / 2000 RPM
SPINDLE:	M 18	M 18
MOTOR MOUNTING-Ø:	53 mm	53 mm
WEIGHT:	3,4 kg	5,5 kg
PRICE:	305,00	460,00
PG:	C	C

MORE MACHINES ON REQUEST.

PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY. WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

## CENTERING SPIKE - CENTERING HELP FORE CORE DRILLS FOR SK1



### Centering spike

for drilling machines with integrated dust extraction

PART-NO.: 11-207

For 200 mm long core drills

PRICE: 88,00

PG: D

PART-NO.: 11-204

For 300 mm long core drills

PRICE: 101,00

PG: D

PART-NO.: 11-205

For 400 mm long core drills

PRICE: 107,00

PG: D

## TRANSPORT CASE FOR DRILLING MOTORS



### Case for TALPA series

PART-NO.: 13-047

plastic case for series Talpa machines

with space for accessory

PRICE: 70,00

PG: D

## DRILL RIG KDS130



PART-NO.: 12-600

MAX. DRILLING-Ø: 150 mm

HEIGHT / STROKE: 850 mm / 540 mm

BASE DEPTH x WIDTH: 250 x 200 mm

ANGLE DRILLING: no

MOTORMOUNTING: 60 mm

BASEPLATE: anchor fixing

WEIGHT: 7,0 kg

PRICE: 520,00

PG: G

## DRILL RIG KDS150



PART-NO.: 12-610

MAX. DRILLING-Ø: 150 mm

HEIGHT / STROKE: 900 mm / 570 mm

BASE DEPTH x WIDTH: 270 x 165 mm

ANGLE DRILLING: 0 - 45°

MOTORMOUNTING: 60 mm

BASEPLATE: anchor/ vacuum fixing

WEIGHT: 8,0 kg

PRICE: 660,00

PG: G

## REDUCER MOTOR MOUNTING



### Reducer for motor mounting for KDS130 / 150

from Ø 60 mm to Ø 43 mm for DUSS

PART-NO.: 12-058

PRICE: 46,55

PG: H

from Ø 60 mm to Ø 53 mm for Series DB

PART-NO.: 12-059

PRICE: 33,95

PG: H

## PIPE DRILL RIG KDX250



### For all hand held diamond drilling machines

with quick connection 60 mm

PART-NO.: 13-031

MAX. DRILLING-Ø: 250 mm

MAX. CORE DRILL LENGTH: 300 mm

PRICE: 1.089,00

PG: H



# KERN CORE DRILLING SYSTEMS

The drilling systems from **KERN-DEUDIAM** deal exclusively with equipment that has been conceived for professional use only. In cooperation with specialized electric motor manufactures from Europe we are in condition to offer you products of the highest quality and reliability.

We are happy to present you in this catalogue the new drill rig KDS-XXL. This drill rig program was bought out from company Longdia, Celle. Straight away we made some changes and integrated new developments in this professional drill rig such as roller guide or fine feed. The **KERN-DEUDIAM** drilling systems are based on 3 lines of products to fulfill all customer groups needs:

- KDS series for installation companies with few drilling service per day
- BS series for drilling contractors, the heavy duty equipment
- KDS-XXL series for drilling contractors and installation companies

We offer you with the **KERN-DEUDIAM** drilling program the right set of drill rig, motor and accessories to suit your area of application.

Customized equipment can also be offered upon request, if you have a project that needs special solution or a simple quotation, please contact us, we are sure to have just what you and your company are looking for.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)





# DIAMOND DRILLING SYSTEMS

## DRILL RIG KDS130, KDS150 AND COMPLETE SETS



TECHNICAL DETAILS:	Drill rig KDS130	KDS130-T1800-102	Drill rig KDS150	KDS150-DK17
<b>DRILLING MOTOR:</b>		<b>TALPA 1800-102</b>		<b>WEKA DK17</b>
VOLTAGE:		230 V		230 V
POWER:		1800 W		2000 W
DRILLING-Ø DRY BRICKWORK:		65 - 165 mm		20 - 200 mm
DRILLING-Ø WET CONCRETE:		65 - 130 mm		20 - 160 mm
GEARS:		1		3
UNDER LOAD SPEED:		510 RPM		540 / 1200 / 2520 RPM
SPINDLE:		1¼" UNC + ½" G		1¼" UNC + Adaptor ½" G
MOTORMOUNTING:		60 mm		60 mm
WEIGHT:		4,6 kg		6,3 kg
<b>DRILL RIG:</b>	<b>KDS130</b>	<b>as Set</b>	<b>KDS150</b>	<b>as Set</b>
MAX.DRILLING-Ø:	150 mm	consists of	150 mm	consists of
HEIGHT / STROKE:	850 mm / 540 mm	drilling motor	900 mm / 570 mm	drilling motor
BASE DEPTH X WIDTH:	250 x 200 mm	drill rig	270 x 165 mm	drill rig
ANGLE DRILLING:	no	mounting tools	0-45°	mounting tools
MOTORMOUNTING:	60 mm		60 mm	
BASEPLATE:	anchor fixing		anchor/ vacuum fixing	
WEIGHT:	7,0 kg	11,6 kg	8,0 kg	14,3 kg
PART-NO.:	12-600	12-602	12-610	12-614
PRICE:	520,00	1.350,00	660,00	2.210,00
PG:	G	G	G	G

MORE MACHINES ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND DRILLING SYSTEMS

## DRILL RIG KDS200 AND COMPLETE SETS



TALPA T1-200



TALPA T2-220



WEKA DK26

TECHNICAL DETAILS:	Drill rig KDS200	KDS200-T1	KDS200-T2	KDS200-DK26
<b>DRILLING MOTOR:</b>		<b>TALPA T1-200</b>	<b>TALPA T2-220</b>	<b>WEKA DK26</b>
VOLTAGE:		230 V	230 V	230 V
POWER:		2200 W	2570 W	2600 W
DRILLING-Ø WET CONCRETE:		35 - 200 mm	50 - 220 mm	40 - 250 mm
GEARS:		3	3	3
UNDER LOAD SPEED:		350 / 920 / 1280 RPM	320 / 550 / 790 RPM	300 / 590 / 930 U/min
SPINDLE:		1½" UNC + ½" G	1½" UNC	1½" UNC
MOTORMOUNTING:		standard holes pattern	standard holes pattern	standard holes pattern
WEIGHT:		7,3 kg	9,8 kg	11,6 kg
<b>DRILL RIG:</b>	<b>KDS200</b>	<b>as Set</b>	<b>as Set</b>	<b>as Set</b>
MAX. DRILLING-Ø:	200 mm	consists of	consists of	consists of
HEIGHT / STROKE:	860 mm / 520 mm	drilling motor	drilling motor	drilling motor
BASE DEPTH X WIDTH:	460 x 260 mm	drill rig	drill rig	drill rig
ANGLE DRILLING:	0-45°	mounting tools	mounting tools	mounting tools
MOTORMOUNTING:	Schnellverschluss			
BASEPLATE:	Dübel-/Vakuumfuss			
WEIGHT:	10,0 kg	17,0 kg	19,8 kg	21,6 kg
PART-NO.:	12-620	12-621	12-622	12-623
PRICE:	690,00	1.960,00	2.300,00	2.420,00
PG:	G	G	G	G

MORE MACHINES ON REQUEST.  
PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND DRILLING SYSTEMS

## DRILL RIG KDS250 AND COMPLETE SETS



TALPA T2-220



WEKA DK26



TALPA T3-300

TECHNICAL DETAILS:	Drill rig KDS250	KDS250-T2	KDS250-DK26	KDS250-T3
<b>DRILLING MOTOR:</b>		<b>TALPA T2-220</b>	<b>WEKA DK26</b>	<b>TALPA T3-300</b>
VOLTAGE:		230 V	230 V	230 V
POWER:		2570 W	2600 W	3420 W
DRILLING-Ø WET CONCRETE:		50 - 220 mm	40 - 250 mm	80 - 350 mm
GEARS:		3	3	2
UNDER LOAD SPEED:		320 / 550 / 790 RPM	300 / 590 / 930 RPM	190 / 390 RPM
SPINDLE:		1¼ UNC	1¼ UNC	1¼ UNC
MOTORMOUNTING :		standard holes pattern	standard holes pattern	standard holes pattern
WEIGHT:		9,8 kg	11,6 kg	13,0 kg
<b>DRILL RIG:</b>	<b>KDS250</b>	<b>as Set</b>	<b>as Set</b>	<b>as Set</b>
MAX. DRILLING-Ø:	250 mm	consists of	consists of	consists of
HEIGHT / STROKE:	970 mm / 640 mm	drilling motor	drilling motor	drilling motor
BASE DEPTH x WIDTH:	510 x 220 mm	drill rig	drill rig	drill rig
ANGLE DRILLING:	0-45°	mounting tools	mounting tools	mounting tools
MOTORMOUNTING:	quick connection			
BASEPLATE:	anchor-/ vacuum fixing			
WHEELS:	yes			
WEIGHT:	15,0 kg	24,8 kg	26,9 kg	28,0 kg
PART-NO.:	12-630	12-631	12-632	12-634
PRICE:	880,00	2.490,00	2.610,00	2.490,00
PG:	G	G	G	G

MORE MACHINES ON REQUEST.

PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY. WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND DRILLING SYSTEMS

## DRILL RIG KDS400 AND COMPLETE SETS



TALPA T6-375



WEKA DK32



TALPA T9-475

TECHNICAL DETAILS:	Drill rig KDS400	KDS400-T6	KDS400-DK32	KDS400-T9
<b>DRILLING MOTOR:</b>		<b>TALPA T6-375</b>	<b>WEKA DK32</b>	<b>TALPA T9-475</b>
VOLTAGE:		230 V	230 V	230 V
POWER:		3420 W	3200 W	3420 W
DRILLING-Ø WET CONCRETE:		40 - 380 mm	55 - 350 mm	32 - 450 mm
GEARS:		3	3	4
UNDER LOAD SPEED:		195 / 440 / 820 RPM	230 / 480 / 720 RPM	165 / 315 / 515 / 1200 RPM
SPINDLE:		1 1/4" UNC	1 1/4" UNC	1 1/4" UNC
MOTORMOUNTING:		standard holes pattern	standard holes pattern	standard holes pattern
WEIGHT:		13,0 kg	11,9 kg	14,5 kg
<b>DRILL RIG:</b>	<b>KDS400</b>	<b>as Set</b>	<b>as Set</b>	<b>as Set</b>
MAX. DRILLING-Ø:	400 mm (with distance plate)	consists of	consists of	consists of
HEIGHT / STROKE:	1080 mm / 640 mm	drilling motor	drilling motor	drilling motor
BASE DEPTH x WIDTH:	500 x 260 mm	drill rig	drill rig	drill rig
ANGLE DRILLING:	0-45°	distance plate	distance plate	2 distance plates
MOTORMOUNTING:	quick connection	mounting tools	mounting tools	mounting tools
BASEPLATE:	anchor-/ vacuum fixing			
WHEELS:	yes			
DISTANCE PLATES:		30 mm plate	30 mm plate	60 mm plate
WEIGHT:	22,0 kg	35,5 kg	33,9 kg	36,5 kg
PART-NO.:	12-640	12-641	12-642	12-643
PRICE:	1.360,00	3.380,00	3.460,00	3.760,00
PG:	G	G	G	G

MORE MACHINES ON REQUEST.

PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY. WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

# DIAMOND DRILLING SYSTEMS

## DRILL RIG BS620N AND BS630N

### TECHNICAL DETAILS:

DRILL RIG:	BS620N	BS630N
MAX. DRILLING-Ø:	420 mm	420 mm
HEIGHT/STROKE:	1015 mm / 625 mm	1015 mm / 625 mm
BASE DEPTH x WIDTH:	330 x 185 mm	330 x 185 mm
ANGLE DRILLING:	0-45°	0-45°
MOTORMOUNTING:	not included	not included
FINE FEED:	no	1:5
BASEPLATE:	anchor fixing	anchor fixing
WEIGHT:	18,5 kg	19,8 kg
PART-NO.:	12-046	12-047
PRICE:	1.050,00	1.365,00
PG:	G	G



## MOTOR MOUNTING PLATE



<b>MOTOR MOUNTING PLATE:</b>	20 mm for Ø 340 mm
PART-NO.:	12-043
PRICE:	118,00
PG:	H
	60 mm for Ø 420 mm
PART-NO.:	12-044
PRICE:	146,00
PG:	H

## DISTANCE PLATE



<b>DISTANCE PLATE:</b>	20 mm
PART-NO.:	12-04320
PRICE:	99,00
PG:	H
	60 mm
PART-NO.:	12-04460
PRICE:	155,00
PG:	H

## MOTOR QUICK CONNECTION MSK1



<b>MOTOR QUICK CONNECTION MSK1:</b>	MSK1-620 for Ø 380 mm
PART-NO.:	12-048
PRICE:	190,00
PG:	H
	MSK1-630 for Ø 420 mm
PART-NO.:	12-049
PRICE:	244,00
PG:	H

## WATER COLLECTING DEVICE



<b>WATER COLLECTING DEVICE:</b>	for Ø 130 mm
PART-NO.:	13-627
PRICE:	245,00
PG:	H
	for Ø 300 mm
PART-NO.:	13-628
PRICE:	355,00
PG:	H

**NEW**

## WHEELS

<b>SET OF WHEELS:</b>	PART-NO.:	12-042
	PRICE:	135,00
	PG:	H



**NEW**

# DIAMOND DRILLING SYSTEMS

## DRILL RIG KDS-XXL AND ACCESSORIES

**NEW**



guide rolls



fine feed



quick connection

### TECHNICAL DETAILS:

DRILL RIGS:	KDS-XXL	KDS-XXL-R	KDS-XXL-RL
MAX. DRILLING-Ø:	340 mm 400 mm (with distance plate)	340 mm 400 mm (with distance plate)	340 mm 400 mm (with distance plate)
HEIGHT / STROKE:	1080 mm / 660 mm	1080 mm / 660 mm	1080 mm / 660 mm
BASE DEPTH x WIDTH:	350 x 220 mm	350 x 220 mm	350 x 220 mm
ANGLE DRILLING:	0-55°	0-55°	0-55°
MOTORMOUNTING:	quick connection	quick connection	quick connection
FINE FEED:	no	no	1 : 3,5
BASEPLATE:	anchor fixing	anchor fixing with guide rolls	anchor fixing with guide rolls
WEIGHT:	22,0 kg	22,0 kg	22,7 kg
PART-NO.:	12-701	12-710	12-720
PRICE:	1.250,00	1.455,00	1.725,00
PG:	G	G	G

### DISTANCE PLATE

**NEW**



DISTANCE PLATE:	40 mm
PART-NO.:	12-703
PRICE:	125,00
PG:	H

### WATER COLLECTING DEVICE

WATER COLLECTING DEVICE:	for Ø 70 mm
PART-NO.:	12-70404
PRICE:	98,00
PG:	H



	for Ø 130 mm
PART-NO.:	12-70405
PRICE:	155,00
PG:	H

**NEW**



	for Ø 250 mm
PART-NO.:	12-70406
PRICE:	185,00
PG:	H



# DIAMOND DRILLING SYSTEMS

DRILLING MOTORS



## DRILLING MOTORS TALPA

DRILLING MOTOR:	TALPA T1-200	TALPA T2-220	TALPA T3-300
VOLTAGE:	230 V	230 V	230 V
POWER:	2200 W	2570 W	3420 W
DRILLING-Ø WET CONCRETE:	35 - 200 mm	50 - 220 mm	80 - 350 mm
GEARS:	3	3	2
UNDER LOAD SPEED:	350 / 920 / 1280 RPM	320 / 550 / 790 RPM	190 / 390 RPM
SPINDLE:	1 1/4" UNC + 1/2" G	1 1/4" UNC	1 1/4" UNC
MOTORMOUNTING:	standard holes pattern	standard holes pattern	standard holes pattern
WEIGHT:	7,3 kg	9,8 kg	13,0 kg
PART-NO.:	12-109	12-108	12-114
PRICE:	1.270,00	1.610,00	1.610,00
PG:	G	G	G



## DRILLING MOTORS TALPA

DRILLING MOTOR:	TALPA T6-375	TALPA T9-475
VOLTAGE:	230 V	230 V
POWER:	3420 W	3420 W
DRILLING-Ø WET CONCRETE:	40 - 380 mm	32 - 450 mm
GEARS:	3	4
UNDER LOAD SPEED:	195 / 440 / 820 RPM	165 / 315 / 515 / 1200 RPM
SPINDLE:	1 1/4" UNC	1 1/4" UNC
MOTORMOUNTING:	standard holes pattern	standard holes pattern
WEIGHT:	13,5 kg	14,5 kg
PART-NO.:	12-115	12-110
PRICE:	1.900,00	2.220,00
PG:	G	G



**NEW**

## DRILLING MOTORS WEKA

DRILLING MOTOR:	WEKA DK26	WEKA DK32	WEKA DK42 B
VOLTAGE:	230 V	230 V	400 V
POWER:	2600 W	3200 W	3900 W
DRILLING-Ø WET CONCRETE:	40 - 250 mm	55 - 350 mm	70 - 400 mm
GEARS:	3	3	3
UNDER LOAD SPEED:	300 / 590 / 930 RPM	230 / 480 / 720 RPM	160 / 340 / 510 RPM
SPINDLE:	1 1/4" UNC	1 1/4" UNC	1 1/4" UNC
MOTORMOUNTING:	standard holes pattern	standard holes pattern	standard holes pattern
WEIGHT:	11,6 kg	11,9 kg	19,0 kg
PART-NO.:	12-298	12-295	12-285
PRICE:	1.730,00	1.990,00	2.275,00
PG:	G	G	G



**NEW**

## DRILLING MOTORS WEKA

DRILLING MOTOR:	WEKA DK52	WEKA SR25	WEKA SR7508
VOLTAGE:	400 V	230 V	400 V
POWER:	5200 W	3700 W	7500 W
DRILLING-Ø WET CONCRETE:	110 - 500 mm	70 - 370 mm	150 - 900 mm
GEARS:	3	6	15
UNDER LOAD SPEED:	120 / 260 / 410 RPM	230 / 280 / 340 / 410 / 490 / 570 RPM	60 - 300 RPM
SPINDLE:	1 1/4" UNC	M33/3 or 1 1/4" UNC	M33/3 Adapter to 1 1/4" UNC
MOTORMOUNTING:	standard holes pattern	standard holes pattern	big holes pattern
WEIGHT:	22,9 kg	14,7 kg	19,5 kg
PART-NO.:	12-290	12-283	12-286
PRICE:	2.530,00	2.640,00	3.550,00
PG:	G	G	G



**NEW**

DIFFERENT TYPES ON REQUEST.  
 PRICES ARE IN EURO AND DO NOT INCLUDE TAX. ALL PRODUCTS LISTED ARE SOLD TO OUR TERMS AND CONDITIONS ONLY.  
 WE RESERVE THE RIGHT TO ALTER TECHNICAL SPECIFICATIONS AND PRICES. PRICES ARE VALID UNTIL NEXT CATALOGUE IS ISSUED.

### CONCRETE SET



10 hammer set anchor Ø 15 mm M12  
 punch tool  
 threaded rod M12  
 impact nut and washer  
 SDS-plus percussion drill Ø 15 mm

PART-NO.:	13-036
PRICE:	38,50
PG:	H

### HAMMERSET ANCHOR



Hammer set anchor Ø15 M12

PART-NO.:	13-006
PRICE:	0,36
PG:	H

Hammer set anchor Ø 16 M12

PART-NO.:	13-00601
PRICE:	0,38
PG:	H

### PUNCH TOOL



Punch tool

PART-NO.:	13-00701
PRICE:	5,00
PG:	H

### BRICKWORK SET



5 brickwork anchor Ø 20 mm M12  
 threaded rod M12  
 impact nut, counter nut and washer

PART-NO.:	13-037
PRICE:	46,00
PG:	H

### BRICKWORK ANCHOR



Brickwork anchor Ø 20 mm M12

PART-NO.:	13-026
PRICE:	4,20
PG:	H

### THREADED RODS



For hammer set anchor  
 M12 - 60 mm, length 250 mm

PART-NO.:	13-03601
PRICE:	10,90
PG:	H

For brickwork anchor  
 M12 - 100 mm, length 250 mm

PART-NO.:	13-03701
PRICE:	12,50
PG:	H

### VACUUM PUMP - 5 L



VOLTAGE: 230 V / 50 Hz  
 POWER OUTPUT: 200 W  
 FLOW RATE: 80 l / min  
 PRESSURE: <- 0,8 bar  
 MANOMETER: -1 to 0 bar  
 L x W x H: 345 x 210 x 280 mm  
 WEIGHT: 10 kg  
 includes dehydrator with filter, holding valve  
 and quick coupling DN7

PART-NO.:	13-001
PRICE:	975,00
PG:	H

### QUICK FIXING PROP



Ranging from 1700 mm up to 3000 mm

WEIGHT:	3,0 kg
PART-NO.:	13-003
PRICE:	275,00
PG:	H

### PIPE DRILLING BASE



For fixing drilling systems to concrete pipes  
 incl. fastening beld

PART-NO.:	13-030
PRICE:	355,00
PG:	H



## EXTENSION RODS

PART-NO.:	LENGTH:	PRICE:	PG:
<b>EXTENSION R 1/2"</b>			
MATERIAL STEEL			
13-011	300 mm	48,00	H
13-012	500 mm	64,00	H
<b>EXTENSION 1 1/4" UNC</b>			
MATERIAL ALUMINIUM			
13-013	100 mm	33,00	H
13-014	200 mm	44,00	H
13-015	300 mm	53,00	H
13-017	500 mm	70,00	H
MATERIAL STEEL			
13-01301	100 mm	31,00	H
13-01401	200 mm	38,00	H
13-01501	300 mm	48,00	H
13-01701	500 mm	64,00	H



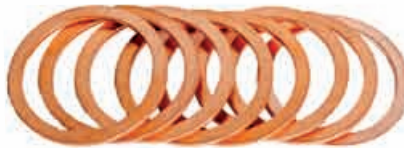
## PRESSURIZED WATER TANK



**Plastic tank**  
Capacity 10 l, 4,0 m hose, valve, Gardena-coupling, max. pressure 3 bar

PART-NO.:	13-035
PRICE:	95,00
PG:	H

## WASHER FOR BITS 1 1/4" UNC



Cooper washer to easily release the core barrel from the drilling motor or extension rod

PART-NO.:	13-027
PRICE:	1,50
PG:	H

## CORE RELEASING ROD



For core drills with 1 1/4" UNC incl. a spanner SW41

PART-NO.:	13-081
PRICE:	149,50
PG:	H

## PRESSURIZED WATER TANK



**Metal tank**  
Capacity 10 l, 3,5 m hose, valve, Gardena-coupling, max. pressure 6 bar, manometer

PART-NO.:	13-034
PRICE:	175,00
PG:	H

## WATER TANK

Mobile water tank with a big opening and filter inside.  
Pumps water up to 9 m in height.  
Works with 12 V batteries, on full battery working time will be approx. 9 hours.  
Delivery incl. 220 V recharger and 15 m high pressure hose.

CONTENT:	35 l
PART-NO.:	13-101
PRICE:	450,00
PG:	H

**NEW**



### DRILL RIG - COUPLINGS

PART-NO.:	MACHINE CONNECTION:	DRILL BIT CONNECTION:	PRICE:	PG:
13-060	K1 1 1/4" UNC female		125,00	H
13-061		K1 1 1/4" UNC male	115,00	H



### ADAPTORS



PART-NO.: 13-070  
R 1/2" male - 1 1/4" UNC male



PART-NO.: 13-079  
M16 female R 1/2" female



PART-NO.: 13-07202  
DD-BI 6 (3) slots - 1 1/4" UNC male + R 1/2" female



PART-NO.: 13-077  
Flat thread - 1 1/4" UNC male

PART-NO.:	MACHINE CONNECTION:	DRILL BIT CONNECTION:	PRICE:	PG:
13-070	R 1/2" male	1 1/4" UNC male	49,00	H
13-07802	R 1/2" male	M14 male	49,00	H
13-078	R 1/2" male	M16 male	49,00	H
13-087	R 1/2" female	R 1/2" female	49,00	H
13-071	1 1/4" UNC female	R 1/2" female	49,00	H
13-07102	1 1/4" UNC male	M16 male	49,00	H
13-074	M18x2,5 female	R 1/2" female	49,00	H
13-079	M16 female	R 1/2" female	49,00	H
13-086	5/8" female	R 1/2" female	49,00	H
13-085	M30x2 female	1 1/4" UNC male	84,00	H
13-088	M33/3 female	1 1/4" UNC male	49,00	H
13-07202	DD-BI 6 (3) slots	1 1/4" UNC male/R 1/2" female	166,00	H
13-073	DD-BU	1 1/4" UNC male	166,00	H
13-07301	DD-BL	1 1/4" UNC male	166,00	H
13-076	Flat thread	R 1/2" female	49,00	H
13-077	Flat thread	1 1/4" UNC male	49,00	H

### QUICK CONNECTION FOR HAND HELD DRILLING MACHINES

For hand held drilling machines with 60 mm motor mounting,  
fits for motor plates in all drill rigs

PART-NO.:	13-632
PRICE:	150,00
PG:	H

**NEW**



### EASY LOOSENING RING

**NEW**



For core drills / drilling motors with connection 1 1/4" UNC

PART-NO.:	13-099C
PRICE:	73,00
PG:	H

### SHARPENING STONE

**NEW**



For diamond core drills, dimensions 250 x 250 x 50, grit 30

PART-NO.:	13-301
PRICE:	135,00
PG:	H

## VACUUM SET

For all KDS drill rigs,  
with valve, without rubber seal

PART-NO.:	13-601
PRICE:	62,50
PG:	H



## RUBBER SEAL FOR VACUUM SET

PART-NO.:	DRILL RIG:	PRICE:	PG:
13-602	KDS 150	16,50	H
13-603	KDS 200	27,90	H
13-604	KDS 250	37,90	H
13-605	KDS 400	40,20	H



## WATER COLLECTING DEVICE

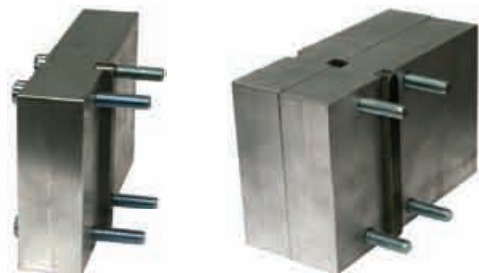
PART-NO.:	DRILL-Ø MAX.:	DRILL RIG:	PRICE:	PG:
13-620	130 mm	KDS 130	280,00	H
13-621	130 mm	KDS 150	249,00	H
13-622	160 mm	KDS 200	289,00	H
13-623	180 mm	KDS 200 + 250	307,00	H
13-624	300 mm	KDS 400	315,00	H



## DISTANCE PLATE

Fits all KDS drill rigs

PART-NO.:	SIZE:	PRICE:	PG:
13-610	30 mm	112,50	H
13-611	60 mm	187,50	H
13-612	90 mm	262,50	H





# CUTTING MACHINES

**KERN-DEUDIAM** is not only one of the leading German manufacturers of diamond tools - **KERN-DEUDIAM** is also a manufacturer of equipment for the use of diamond tools. Own research and development in combination with manufacturers specialized in motors helped us to bring up a range of equipment of the highest quality and reliability.

Being a member of the VDMA, **KERN-DEUDIAM** is always up to date on new developments and technics.

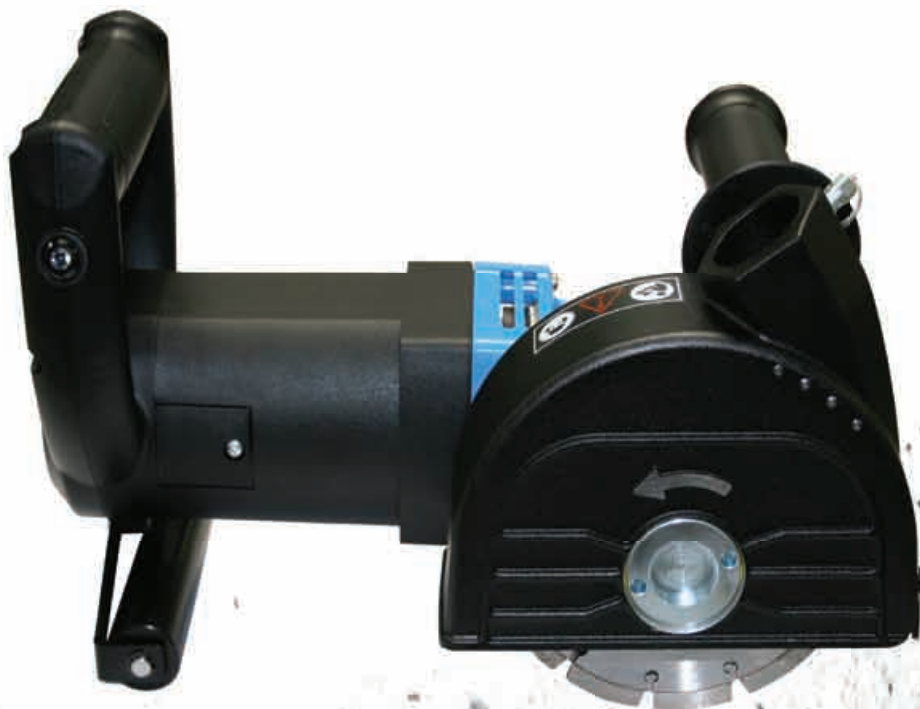
Our wall chaser was developed for the contractor carrying out electro and sanitary works. The wall chaser can be used in combination with the vacuum cleaner COMPACT M, which can also be used as an accessory for diamond core drilling machine with dust extraction system. The vacuum cleaner COMPACT M complies with the requirements of TRGS 559 for electro installation.

Furthermore bench saws and floor saws from our own production complete the **KERN-DEUDIAM** range for Urban Green, Open Spaces and building contractors.

Hand held saws, particularly for service and repair finalize our sawing equipment range.

Customized equipment can also be offered upon request, if you have a project that needs special solution or a simple quotation, please contact us. We are sure to have just what you and your company are looking for.

T: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)



### KF 45

TECHNICAL DETAILS	KF 45
PART-NO.:	21-45000
VOLTAGE:	230 V
POWER:	2300 W
NO LOAD SPEED:	7500 RPM
CUTTING WIDTH:	6 - 46 mm
CUTTING DEPTH:	5 - 45 mm
DIAMOND SAW BLADE-Ø:	150 mm
SPINDLE:	22,23 mm
WEIGHT:	5,8 kg
PRICE:	595,00 €
PG:	A



Diamond saw blades on pages 6 and 7. Blades set for 4 blades and for cutting a channel on request.

New developed wall chaser to open conduit channels vibration free. The very easy handling of the wall chaser, the compact design and the powerful motor with 2300 W especially for continuous work in hard materials are the main features of this machine.

### VACUUM CLEANER

#### COMPACT M

One of the few vacuum cleaner - dust class M - for use with wall chasers and dust extraction for dry diamond drilling.

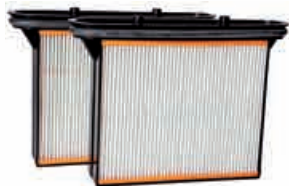
- ✓ Appliance socket with aut. ON/OFF switch.
- ✓ Aut. electromagnetic pulse filter cleaning - cleans the filters during work break.
- ✓ Water level detection with sensor switch-off.
- ✓ Electronic after-running feature to clean the hose completely.
- ✓ Storage space e.g. for tools
- ✓ Antistatic prepared.
- ✓ Incl. suction hose

Best vacuum cleaner for dust extraction with wall chasers KF30 (old) and KF45 dust extraction SK1 and SK20.



TECHNICAL DETAILS	COMPACT M
PART-NO.:	19-200
VOLTAGE:	230 V
POWER:	1400 W
DUST CLASS:	M
FLOW RATE:	3840 l/min
VACUUM:	259 mbar
TANK CAPACITY:	
DUST:	18 l
WATER:	16 l
WEIGHT:	12,5 kg
PRICE:	495,00
PG:	F

#### FOLDED FILTER CASSETTE



##### SPARE FILTER CLASS M

1 Set = 2 pc.	
PART-NO.:	19-205
PRICE:	102,50
PG:	F

#### SPECIAL-PE-BAG



##### SPECIAL-PE-BAG FOR PROPER DISPOSAL

1 Set = 5 pc.	
PART-NO.:	19-206
PRICE:	56,50
PG:	F

#### SUCTION HOSE



##### SUCTION HOSE WITH 5 METER LENGTH

PART-NO.:	19-207
PRICE:	50,50
PG:	F

## HAND SAW SM 410 C

TECHNICAL DETAILS:	SM 410 C
PART-NO.:	50-200
VOLTAGE:	230 V
POWER:	3000 W
UNDER LOAD SPEED:	1700 RPM
DIAMOND BLADE-Ø:	350 mm / 400 mm
SPINDLE:	25,40 mm
MAX. CUTTING DEPTH:	135 mm / 160 mm
WEIGHT:	13,0 kg
PRICE:	1.420,00
PG:	S



## HAND SAW TP 400 A2

TECHNICAL DETAILS:	TP 400 A2
PART-NO.:	50-202
VOLTAGE:	230 V
POWER:	3000 W
UNDER LOAD SPEED:	1650 RPM
DIAMOND BLADE-Ø:	350 mm / 400 mm
SPINDLE:	25,40 mm
MAX. CUTTING DEPTH:	135 mm / 160 mm
CUTTING DEPTH ADJUSTMENT:	yes
WEIGHT:	11,0 kg
PRICE:	1.325,00
PG:	S



### FLUSH CUTTING SET

Incl. flange and flush blade guard	
bore holes 25,4 + 3 Peg holes M8 on circle 54 mm	
PART-NO.:	50-203
PRICE:	115,50
PG:	S

## BENCH SAW KDT350-E

TECHNICAL DETAILS:	KDT350-E
PART-NO.:	50-020
VOLTAGE:	230 V
POWER:	2200 W
UNDER LOAD SPEED:	2800 RPM
DIAMOND SAW BLADE-Ø:	350 mm
SPINDLE:	25,40 mm
MAX. CUTTING DEPTH:	115 mm
MAX. CUTTING LENGTH:	600 mm
ANGLE CUTTING:	45° (Jolly)
DIMENSIONS l x w x h:	1250 x 610 x 1300 mm
WEIGHT:	62,0 kg
PRICE:	990,00
PG:	S



## FLOOR SAW KDF350-B/R

TECHNICAL DETAILS:	KDF350-B/R
PART-NO.:	50-310
MOTOR:	ROBIN EX170
POWER:	4,2 kW / 5,7 Hp
DIAMOND SAW BLADE-Ø:	350 mm
UNDER LOAD SPEED:	2500 RPM
SPINDLE:	25,40 mm
MAX. CUTTING DEPTH:	120 mm
CUTTING DEPTH ADJUSTMENT:	via hand wheel
DRIVE:	manuel
WATERTANK:	19 l
DIMENSIONS l x w x h:	1080 x 450 x 975 mm
WEIGHT:	75 kg
PRICE:	1.980,00
PG:	S

Also available with Honda Motor.



## FLOOR SAW KDF450-B/R

TECHNICAL DETAILS:	KDF450-B/R
PART-NO.:	50-320
MOTOR:	ROBIN EX40
POWER:	10,3 kW / 14,0 Hp
DIAMOND SAW BLADE-Ø:	450 mm
UNDER LOAD SPEED:	2400 RPM
SPINDLE:	25,40 mm
MAX. CUTTING DEPTH:	170 mm
CUTTING DEPTH ADJUSTMENT:	via hand wheel
DRIVE:	manuel
WATERTANK:	25 l
DIMENSIONS l x w x h:	1080 x 600 x 975 mm
WEIGHT:	100 kg
PRICE:	2,400,00
PG:	S

Also available with Honda Motor.



## FLOOR SAW KDF800-E

TECHNICAL DETAILS:	KDF800-E
PART-NO.:	50-300
MOTOR:	ELECTRIC 400V / 50Hz
ELECTRICAL CONNECTION:	32 A
POWER:	11 kW
UNDER LOAD SPEED:	1300 RPM
DIAMOND SAW BLADE-Ø:	max. 800 mm
SPINDLE:	25,40 mm
USE OF BLADE:	right / left
MAX. CUTTING DEPTH:	320 mm
CUTTING DEPTH ADJUSTMENT:	via hand wheel
DRIVE:	manuel
DIMENSIONS l x w x h:	1270 x 640 x 980 mm
WEIGHT:	158 kg ex bladegaard
PRICE:	5.750,00
PG:	S



## RPM AND CUTTING SPEED OVERVIEW

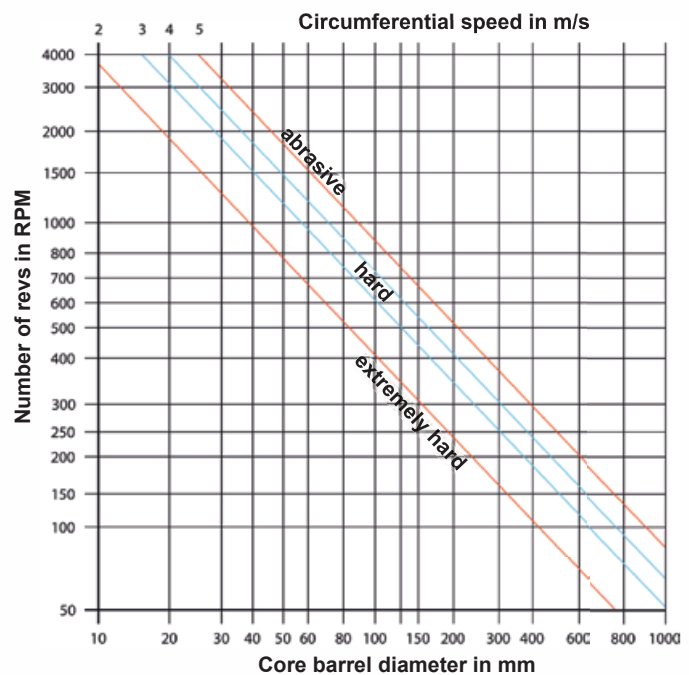
Saw blade diameter in mm		max. RPM	max. cutting speed in m/s
115		16.650	100
125		15.300	100
150	D W	12.750	100
180	R E	10.650	100
200	Y T	9.550	100
230		8.350	100
250		7.650	100
300		6.400	100
350		5.500	100
400		4.800	100
450		2.120	50
500	W	1.900	50
600	E	1.590	50
700	T	1.360	50
800		1.190	50
900		1.060	50

### Check list before using a diamond saw blade





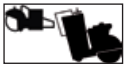





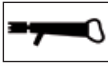






- Clean the flanges and spindle of the machine and check if it is running okay.
- The direction arrow on the saw blade should be pointing in the same direction as the indication arrow on the machine.
- Do not put additional pressure on the machine trying to make the tool work faster, the weight of the machine is sufficient.
- When cutting, gently pull the machine back and forward in the cut.
- Do not force the machine so that the blade rides out of the cut.
- Do not operate the machine with damaged or open blade guard.
- Wear appropriated personal protective equipment.

### Check list before using a diamond core bit

- Check if spindle of the drilling machine is running okay, make sure that all electrical testing has been carried out.
- Never use percussion or the so called "Soft" percussion when drilling with a diamond tool.
- Always use a drill rig or a centering device when you start drilling.
- Avoid tilting.
- When dry drilling allow cooling of the tool, when wet drilling use sufficient water.
- Do not force the drill through the material.
- Wear appropriated personal protective equipment.



### LEGEND:

	Dry		Hand held cutter over 4,5 kW		Stationary saw
	Wet		Hand held cutter / bench saw		Bench saw
	Laser welded		Table saw / bench saw		Grinding machine
	Angle grinder		Diamond drilling machine		Drilling system
	Hand held cutter		Wall saw		Angle grinder / Table saw
	Wall chaser		Floor saw		



## PROMOTION



Beside the usual promotional gifts, leaflets and flyer we have also available displays, which are put at your service free of charge to help and support you in promoting the products from **KERN-DEUDIAM**.

There are several different types and sizes. Should you be interested, do not hesitate, give us a call.

Phone: +49 (0) 5257-507-0 • [info@kern-deudiam.de](mailto:info@kern-deudiam.de)



## TERMS & CONDITIONS OF SALE

These general Terms and Conditions of Sale apply to the sales of KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH products. No terms on purchase orders, invoices or like documents of any customer shall serve to alter or add to these Terms and Conditions of Sale unless agreed in writing and signed by an authorized representative of KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH. Acceptance of any goods from KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH indicates that the customer has read and understood these Terms and Conditions of Sale and has agreed to their incorporation in the sale contract to the exclusion of all other Terms and Conditions of Sale.

### 1. Scope

In these conditions the "Seller" means KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH and the "Buyer" means the person or entity whose order for goods is accepted by the Seller. The following terms apply to all, including future, sale of goods, as far as not modified or excluded by the Seller's express written agreement. These terms are accepted by the Buyer when placing an order with the Seller. Any terms and conditions contained in the documentation of the Buyer, including but not limited to the Purchase Order, shall not be binding on the Seller. This applies despite knowledge by the Seller of existing contradictory terms and conditions.

### 2. Basis of the Sale

- 2.1. The Seller shall sell and the Buyer shall purchase the goods by written order of the Buyer which is accepted by the Seller, in the form of an Order Confirmation
- 2.2. The Seller's employees or agents are not authorized to make any representations concerning the goods, unless confirmed by the Seller in writing. In entering into the Contract the Buyer acknowledges that it does not rely on, and waives any claim for breach of any such representations which are not so confirmed.
- 2.3. Any advice or recommendation given by the Seller or its employees or agents to the Buyer including any advice as to the storage, application or use of the goods, which is not confirmed in writing by the Seller, is followed or acted upon entirely at the Buyer's own risk, and accordingly, the Seller shall not be liable for any such advice or recommendation which is not so confirmed.
- 2.4. Any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

### 3. Orders and Specifications

- 3.1. The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any order, including any applicable specification, submitted by the Buyer, and for giving the Seller any necessary information relating to the goods within a sufficient time to enable the Seller to perform the Contract in accordance with its terms.
- 3.2. If the goods are to be manufactured or any process is to be applied to the goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all loss, damages, costs and expenses awarded against or incurred by the Seller in connection with or paid or agreed to be paid by the Seller in settlement of any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other person which results from the Seller's use of the Buyer's specification.
- 3.3. No order which has been accepted by the Seller may be cancelled by the Buyer except with the agreement in writing of the Seller.

### 4. Price of the Goods

- 4.1. The price of the goods shall be the Seller's quoted price or, where no price has been quoted (or a quoted price is no longer valid), the price listed in the Seller's standard price list (the "List Price") current at the date of acceptance of the order. This price shall be quoted on the Order Confirmation accepting the Buyer's order.
- 4.2. Except as otherwise stated under the terms of any quotation and unless otherwise agreed in writing between the Buyer and the Seller, all prices are given by the Seller on an ex works basis.
- 4.3. The price is exclusive of any applicable value added tax, which the Buyer may be additionally liable to pay to the Seller, as well as any freight or insurance costs incurred on delivery. Customs duties, clearance charges or equivalent duties shall be for the account of the Buyer.
- 4.4. While the Seller will try to ensure that the price stated in the Order Confirmation is accurate, errors may occur. If the Seller discovers an error in the price of the goods which the Buyer has ordered, the Seller will inform the Buyer as soon as possible. The Buyer may cancel its order within two working days of being informed of an increase in the price of the goods from the price that was indicated on the Order Confirmation. If the Buyer does not exercise this right of cancellation within two working days, the Buyer shall be bound by the new price.

### 5. Terms of Payment

- 5.1. The Seller shall be entitled to invoice the Buyer for the price of the goods on or at any time after delivery of the goods, unless the Buyer wrongfully refuses to take delivery of the goods, in which event the Seller shall be entitled to invoice the Buyer at any time after the Seller has tendered delivery of the goods.
- 5.2. The Buyer shall pay the price of the goods purchased in full within an agreed number of days of the date of the Seller's invoice, notwithstanding that delivery may not have taken place and the property in the goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract.
- 5.3. Payment shall be made in Euro or such currency as may be agreed by the Parties.
- 5.4. If the Buyer fails to make any payment on the due date then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to:
  - 5.4.1. Cancel the contract or suspend any further deliveries to the Buyer;
  - 5.4.2. Appropriate any payment made by the Buyer to such of the Goods as the Seller may think fit; and
  - 5.4.3. Charge the Buyer interest (both before and after any judgment) on the amount unpaid at the rate of 8 percent per annum above Deutschen unesbank Offer Rate from time to time, until payment in full is made.
- 5.5. Notwithstanding any other term or condition herein and in particular notwithstanding any period of credit extended to the Buyer under any agreement made pursuant to clause 5.2 herein, where the balance on the Buyer's account with the Seller (being the value of invoices charged to the Buyer for which the Seller has not received payment) equals or exceeds the Buyer's agreed credit limit, the Seller may, in its sole discretion, refuse to accept further orders from the Buyer or refuse to make further shipments or sales to the Buyer. Further the Seller may, in its sole discretion, refuse to accept orders from the Buyer or make sales to the Buyer where the value of the Goods ordered by the Buyer, would, if invoiced to the Buyer's account, cause the balance on the said account to equal or exceed the said credit limit. Any decision made by the Seller in the exercise of its sole discretion as provided for in this sub-clause shall not, and shall not be deemed to, prejudice, limit, hamper or affect any subsequent exercise by the Seller of its sole discretion.

### 6. Delivery

- 6.1. Delivery of the goods shall be made by the Seller delivering the goods to a carrier at location of dispatch, by the posting of the goods from location of dispatch or by the delivery of the goods to the Buyer at the Seller's place of business, being the location of dispatch, unless otherwise agreed in writing between the Buyer and the Seller.
- 6.2. Any dates quoted for delivery of the goods are approximate only and the Seller shall not be liable for any delay in delivery of the Goods howsoever caused. The goods may be delivered by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Buyer. Time for delivery shall not be of the essence unless previously agreed by the Seller in writing.
- 6.3. Where the goods are to be delivered in installments, each delivery shall constitute a separate contract and failure by the Seller to deliver anyone or more of the installments in accordance with these Conditions or any claim by the Buyer in respect of anyone or more installments shall not entitle the Buyer to treat the Contract as a whole as repudiated.
- 6.4. Any claim for shortage in delivery must be notified to the Seller in writing within 3 days of the date of receipt of the Goods by the Buyer.

## TERMS & CONDITIONS OF SALE

### 7. Risk and Property

#### 7.1. Risk of damage to or loss of the Goods shall pass to the Buyer:

7.1.1. In the case of goods to be delivered to the Buyer at the Seller's place of business or delivered to a carrier at the Seller's place of business, at the time when the Seller notifies the Buyer that the Goods are available for collection or that the goods have been dispatched with a carrier; or

7.1.2. In the case of goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the goods.

7.2. Notwithstanding delivery and the passing of risk in the goods, or any other provision of these Conditions, the property in the goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the goods and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due. Until such time as the property or the goods passes to the Buyer, the Buyer shall hold the goods as the Seller's fiduciary agent and bailer and shall keep the goods separate from the goods of the Buyer and third parties, and shall keep the Seller's goods properly stored, protected and insured and identified on the Buyer's property, but shall be entitled to use the goods in the ordinary course of business. The Buyer hereby irrevocably authorizes the Seller or its representatives to enter upon the Buyer's premises where the goods are stored, or are thought to be stored, for the purpose of repossessing them and, if the Seller so chooses, subsequently reselling them.

### 8. Warranties and Liability

8.1. Subject as expressly provided in these Conditions, all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.

8.2. Any claim by the Buyer which is based on any defect in the quality or condition of the goods or their failure to correspond with specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller within 7 days from the date of delivery or (where the defect or failure was not apparent on reasonable inspection) within 7 days after discovery of the defect or failure. If delivery is not refused and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the goods and the Seller shall have no liability for such defect or failure and the Buyer shall be bound to pay the price of the goods as if the goods had been delivered in accordance with the contract.

8.3. Where any valid claim in respect of any of the goods which is based on any defect in the quality or condition of the goods or their failure to meet KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH specification is notified to the Seller in accordance with these Conditions, the Seller shall be entitled to replace the goods (or the part in question) free of charge for the replacing items or, at the Seller's sole discretion, refund to the Buyer the price of the goods (or a proportionate part of the price), but the Seller shall have no further liability to the Buyer.

8.4. The Seller is liable only for defects which appear under the conditions of operation provided for in the contract and under the proper use of the goods.

8.5. Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation, or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for consequential compensation whatsoever (and whether caused by the negligence of the Seller, its employees or agents or otherwise) which arise out of or in connection with the supply of the Goods or their use or resale by the Buyer, except as expressly provided in these Conditions.

8.6. Neither party shall be liable or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the obligations in relation to the goods, if the delay or failure was due to any cause beyond their reasonable control, including, but not limited to any Act of God, explosion, fire, acts, restrictions, regulations, bye-laws, prohibitions or measures of any kind on the part of any governmental parliamentary or local authority, war, civil commotion, insurrection, international sanctions or boycotts, import or export regulations or embargoes, difficulties in obtaining raw materials, labor, fuel, parts or machinery, power failure or breakdown in machinery, labor disputes of whatever nature whether involving employees of the Seller or Buyer or of any third party.

### 9. Cancellation

9.1 If the Buyer makes any voluntary arrangement with its creditors, becomes subject to an administration, or goes into liquidation, or if an encumbrance takes possession of assets or a receiver is appointed; or if the Buyer ceases to, or threatens to cease to, carry on business; or the Seller takes the reasonable view that any of the events mentioned above is likely to occur and notifies the Buyer accordingly, then without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the contract without any liability to the Buyer, and if goods have been delivered but not paid for, they shall become due and payable immediately.

9.2 If the Buyer and the Seller agree to the sale and purchase of a product, which is not supplied under the Seller's existing product range but is outlined in the Buyer's specifications, then the Seller shall be entitled to cancel the contract without any liability whatsoever to the Buyer if the Seller is unable to manufacture the requested product in accordance with the supplied specification.

### 10. General

10.1. The subject matter of the Contract between the Parties shall be treated as confidential by the Buyer and shall not be disclosed or used other than by the Buyer in performing under this Contract.

10.2. The Buyer shall be responsible for complying with any legislation or regulations governing the importation of the goods into the country of destination and for the payment of any duties thereon.

10.3. Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving the notice.

10.4. No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

10.5. If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby.

10.6. Any dispute arising out of, under or in connection with these Conditions or the sale of the goods shall be referred to and settled exclusively by final and binding arbitration under the Rules of Conciliation and Arbitration of the International Chamber of Commerce, by a single arbitrator appointed by agreement or (in default) nominated, on the application of either party, by the President for the time being of the Law Society of Germany. The place of arbitration shall be the place that at the time being is the competent county court for where KERN - DEUDIAM Diamantwerkzeuge und Maschinen GmbH is situated.

10.7. The Contract and the rights and obligations of the parties hereunder shall be governed by and construed in accordance with the laws of Germany.

Hövelhof, January 2014

**KERN-DEUDIAM**  
Diamantwerkzeuge und Maschinen GmbH

Industriestraße 24  
D-33161 Hövelhof  
T: +49 (0) 5257-507-0  
F: +49 (0) 5257-507-40

info@kern-deudiam.de  
www.kern-deudiam.de



## **KERN-DEUDIAM**

Diamantwerkzeuge und Maschinen GmbH

Industriestraße 24  
D-33161 Hövelhof  
T: +49 (0) 5257-507-0  
F: +49 (0) 5257-507-40

[info@kern-deudiam.de](mailto:info@kern-deudiam.de)  
[www.kern-deudiam.de](http://www.kern-deudiam.de)