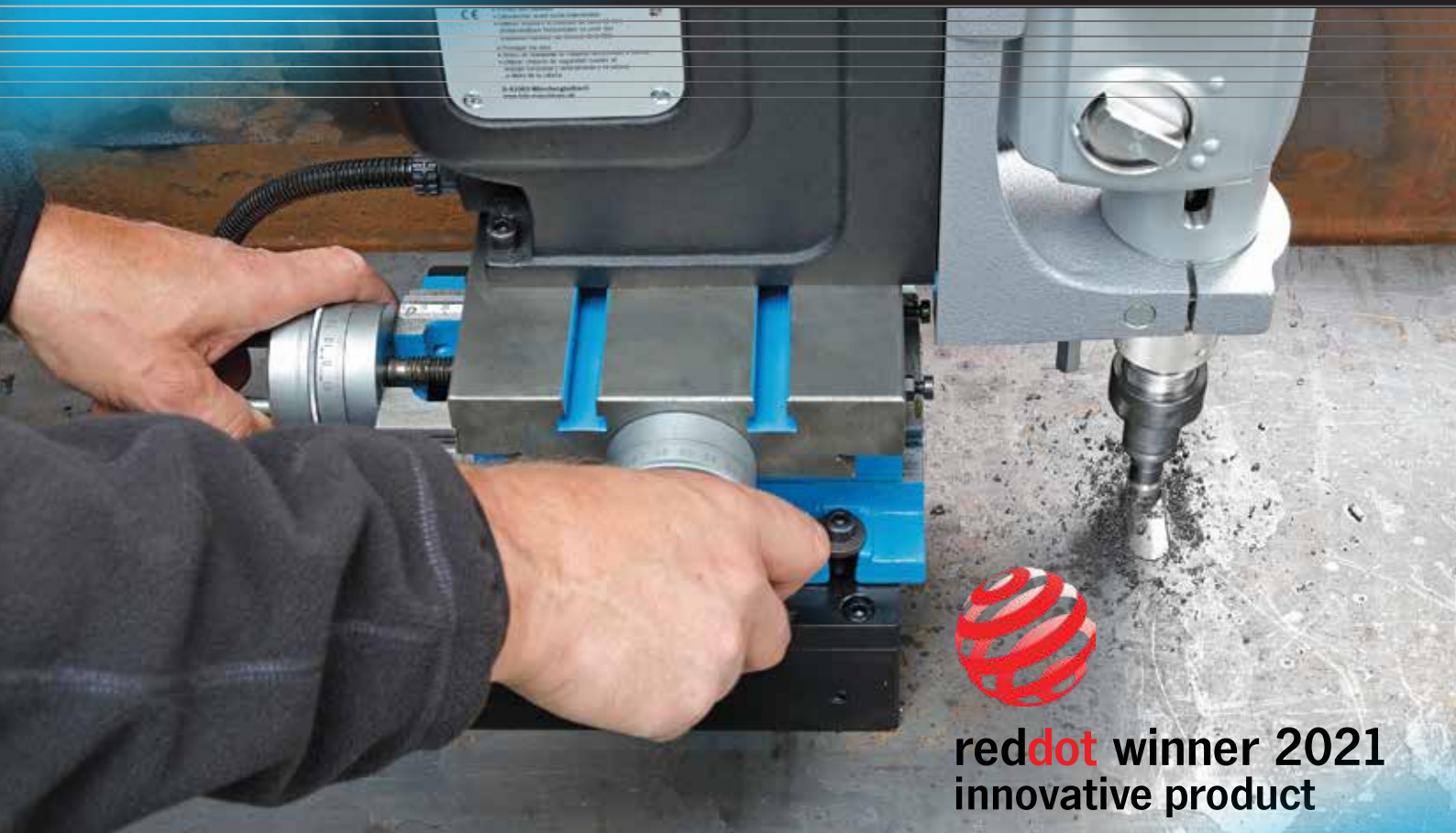


**Simply Better Drilling!**







**red**dot winner 2021  
innovative product

**Magnetic Drilling Machines  
Annular Cutters  
Beveling Machines**

**BDSMASCHINEN  
MADE IN GERMANY**



# Simply Better Drilling

Magnetic Drilling Machines		Beveling Machines		Annular Cutters		Accessories	
ProfiBASIC	Page: 2	AutoCUT 500	Page: 4	HSS Standard	Page: 7	Coolants	Page: 12
ProfiSTART	Page: 3	SKF 25	Page: 4	HSS Coated 8%	Page: 8	Premium Accessories	Page: 12
ProfiPLUS	Page: 3	EKF Series	Page: 4	HSS Coated	Page: 8	Weldon Taps, Twist Drills & Countersink	Page: 12
ProfiSPEZIAL	Page: 3			TCT Standard	Page: 9	Tapping system	Page: 13
				TCT Coated	Page: 10	Clamping devices	Page: 13
				HSS Stack Cutter	Page: 10	Drill chucks	Page: 14
				TCT Rail	Page: 11	Arbors & Adapters	Page: 14
				Annular Cutter Sets	Page: 11		
							

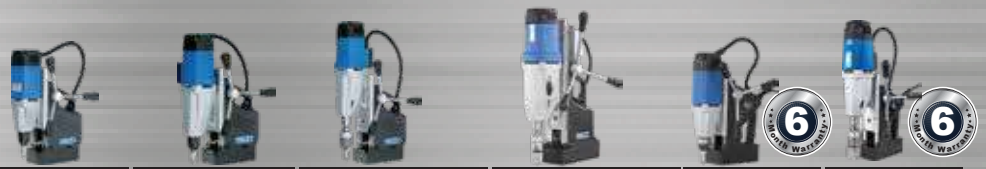
BDS Machines Pvt. Ltd. (India) represents, imports, and distributes products of BDS Maschinen GmbH whose manufacturing facility and the head office is located in Germany. BDS Machines Pvt. Ltd. has dedicated Sales & Service Engineers, Managers, and Representatives all over India. Our newly inaugurated modern office and warehouse is located in Aurangabad City comprising of modern product studio, demonstration & training center, service center and a huge stock of products all directly imported CBU from Germany.

All the prices mentioned in this price list are excluding 18% GST and excluding transport costs.

## Magnetic Core Drilling Machines



**Economical Magnetic Drilling Machines**



Model	MABasic 200	MABasic 400	MABasic 450	MABasic 850	MABasic 35	MABasic 50
Core Drilling Diameter (HSS / TCT)	35 mm	40 mm	50 mm	80 mm	35 mm	50 mm
Cutting Depth	55 mm	55 mm	55 mm	110 mm	55 mm	55 mm
Twist Drilling Diameter	13 mm	16 mm	18 mm	31.75 mm	13 mm	18 mm
Motor Output	1050 Watt	1050 Watt	1150 Watt	1800 Watt	1050 Watt	1150 Watt
Speed	1 Speed	2 Speed	2 Speed	4 Speed	1 Speed	2 Speed
Morse Taper	Direct arbor	Direct arbor	MT2	MT3	Direct arbor	MT2
Weight	12 Kg.	12 Kg.	13 Kg.	24 Kg.	12 Kg.	13 Kg.
₹ Price 230V	<b>58,400 ₹</b>	<b>91,500 ₹</b>	<b>98,200 ₹</b>	<b>1,63,200 ₹</b>	<b>40,990 ₹</b>	<b>67,800 ₹</b>
⚡ Price 230V (With Overload Protection Kit)	<b>62,600 ₹</b>	<b>95,700 ₹</b>	<b>1,02,400 ₹</b>	<b>1,67,400 ₹</b>	<b>45,190 ₹</b>	<b>72,000 ₹</b>

MADE IN INDIA

# Magnetic Core Drilling Machines

**BDSMASCHINEN**  
MADE IN GERMANY



## Heavy Duty Magnetic Drilling Machines



Model	MAB 100 K	MAB 455	MAB 455SB	MAB 465
Core Drilling Diameter (HSS / TCT)	32 mm	40 mm / 50 mm	40 mm / 50 mm	40 mm / 50 mm
Cutting Depth	55 mm	55 mm	55 mm	55 mm
Twist Drilling Diameter	14 mm (With Weldon Shank Bits)	18 mm	18 mm	16 mm
Tapping	-	-	-	M 16
Motor Output	1050 Watt	1150 Watt	1150 Watt	1150 Watt
Speed	1 Speed	2 Speed	2 Speed	2 Speed
Morse Taper	KEYLESS direct arbor	MT2	MT2	Direct arbor
Swivel Base	No	No	Yes	No
Weight	9.9 Kg.	13 Kg.	13 Kg.	13 Kg.
Price	₹ 93,200	₹ 1,44,900	₹ 1,53,200	₹ 1,04,900



## Magnetic Drilling + Tapping Machines



Model	MAB 485	MAB 485SB	MAB 525	MAB 525SB	MAB 825	MAB 845	MAB 1300
Core Drilling Diameter (HSS / TCT)	40 mm / 50 mm	40 mm / 50 mm	50 mm / 60 mm	50 mm / 60 mm	100 mm	100 mm	130 mm
Cutting Depth	55 mm	55 mm	75 mm	75 mm	110 mm	110 mm	110 mm
Twist Drilling Diameter	18 mm	18 mm	20 mm	20 mm	31.75 mm	31.75 mm	45 mm
Reaming	18 mm	18 mm	20 mm	20 mm	31.75 mm	31.75 mm	50 mm
Countersink	40 mm	40 mm	50 mm	50 mm	50 mm	50 mm	80 mm
Tapping	M 16	M 16	M 20	M 20	M 30	M 30	M 42
Motor Output	1150 Watt	1150 Watt	1600 Watt	1600 Watt	1800 Watt	1800 Watt	2300 Watt
Speed	2 Speed	2 Speed	2 Speed	2 Speed	4 Speed	4 Speed	4 Speed
Morse Taper	MT2	MT2	MT3	MT3	MT3	MT3	MT4
Swivel Base	No	Yes	No	Yes	No	Yes	No
Weight	13 Kg.	13 Kg.	16 Kg.	16 Kg.	25 Kg.	25 Kg.	51 Kg.
Price	₹ 1,54,200	₹ 1,62,500	₹ 1,90,900	₹ 1,99,200	₹ 2,29,900	₹ 2,43,200	₹ 4,33,400



## Automatic Magnetic Drilling Machines



Model	AutoMAB 350	AutoMAB 450	MAB 825 V	MAB 845 V	MAB 1300 V
Core Drilling Diameter	35 mm	45 mm	100 mm	100 mm	130 mm
Cutting Depth	55 mm	55 mm	110 mm	110 mm	110 mm
Twist Drilling Diameter	13 mm	16 mm	31.5 mm	31.5 mm	45 mm
Motor Output	1080 Watt	1150 Watt	1800 Watt	1800 Watt	2300 Watt
Speed	1 Speed	2 Speed	4 Speed	4 Speed	4 Speed
Morse Taper	-	MT2	MT3	MT3	MT4
Swivel Base	No	No	No	Yes	No
Weight	17 Kg.	17 Kg.	34 Kg.	34 Kg.	51 Kg.
Price 230V	₹ 1,33,200	₹ 1,53,200	₹ 5,22,500	₹ 5,36,500	₹ 7,13,200



## Special Purpose Magnetic Drilling Machines



Model	Pipe MABasic 35	Pipe MAB 525	MAB 155	AirMAB 5000	MAB 825 KTS	RailMAB 915	RailMAB 965
Speciality	Pipe drilling	Pipe drilling	Compact	Pneumatic	Drilling+Milling	Electric rail drill	Petrol rail drill
Core Drilling Diameter	35 mm	50 mm	35 mm	35 mm	80 mm	36 mm	36 mm
Cutting depth	55 mm	75 mm	30 mm	55 mm	110 mm	55 mm	30 mm
Motor Output	1050 Watt	1600 Watt	1050 Watt	830 Watt	1800 Watt	1600 Watt	1500 Watt
Speed	1 Speed	2 Speed	1 Speed	1 Speed	4 Speed	2 Speed	1 Speed
Morse Taper	-	MT3	-	MT2	MT3	MT2	Direct arbor
Weight	16 Kg.	20 Kg.	11 Kg.	17.5 Kg.	50 Kg.	17 Kg.	21.5 Kg.
Price 230V	₹ 1,16,500	₹ 2,69,990	₹ 1,28,200	₹ 3,89,900	₹ 4,98,400	₹ 1,65,900	₹ 3,50,000

## AutoCUT 500 Fully Automatic Beveling Machine

### Specification

Motor Output	1100 Watt
Voltage	380 V
Weight	50 kg
Speed range 1	2750 min-1
Chamfer width	max. 30 mm
Angle adjustment	15 - 60° continuously
Feed	Automatic
Milling cutter	Arbor milling cutter with 6 sintered carbide inserts
Price	<b>8,49,900 ₹</b>

### Accessories

Carbide inserts per piece: SHM 400

Price ₹

**2,500 ₹**



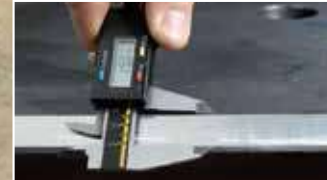
Equipped with guide plates



Carbide Inserts SHM 400



Arbor milling Cutter ZFR 500



High quality result



### Accessories

Carbide reversible disc per piece: SHM 800



Guide rollers for ease

Price ₹

**2,500**

## SKF 25 Portable Beveling Machine

### Specification

Motor Output	1100 Watt
Voltage	220-240 V AC, 50-60 Hz
Stroke	Manual
Speed range 1	2850 min-1
Chamfer width	15 mm
Angle adjustment	15 - 60° continuously
Safety	Automatic overload cutout
Weight	22 kg
Tools	Arbor milling cutter with 10 carbide inserts
Price	<b>1,93,200 ₹</b>

## EKF Series Beveling, Chamfering & Deburring Machines



SHM 200



SHM 202



SHM 900



### Accessories

Guide Plate For Edges (ZEP 100)

Price ₹

**14,250**



Model	EKF 300.3	EKF 450.3	EKF 452.3	EKF 530	EKF 545	EKF 630	EKF 645
Chamfer angle	30°	45°	Radius 2.5 mm	30°	45°	30°	45°
Chamfer width	0-5 mm	0-6 mm	Radius 2.5 mm	0-12 mm	0-12 mm	0-15 mm	0-15 mm
Cutter type	ZFR 300.3	ZFR 450.3	ZFR 452.3	ZFR 530	ZFR 545	ZFR 630	ZFR 645
price/piece	11,934 ₹	11,934 ₹	13,617 ₹	46,700 ₹	46,700 ₹	52,400 ₹	52,400 ₹
Milling tool	Screw-in milling cutter with three carbide inserts			Screw-in milling cutter with six carbide inserts		Screw-in milling cutter with ten carbide inserts	
Dimensions (LxBxH)	310 x 295 x 138 mm			375 x 350 x 300 mm		400 x 350 x 300 mm	
Weight	4.6 kg	4.6 kg	4.6 kg	9.3 kg	9.3 kg	10.2 kg	10.2 kg
Voltage	220-240 V or 110-125 V			220-240 V or 110-125 V		220-240 V or 110-125 V	
Moto output	1500 W	1500 W	1500 W	1800 W	1800 W	2300 W	2300 W
Speed	6000 RPM	6000 RPM	6000 RPM	Variable electronic speed regulation 1850-3350 RPM with full wave control electronics		Variable electronic speed regulation 1600-3000 RPM with full wave control electronics	
Insert article nr.	SHM 200	SHM 200	SHM 202	SHM 900	SHM 900	SHM 900	SHM 900
Insert price/piece	1,700 ₹	1,700 ₹	2,400 ₹	2,500 ₹	2,500 ₹	2,500 ₹	2,500 ₹
Price	<b>79,900 ₹</b>	<b>79,900 ₹</b>	<b>93,200 ₹</b>	<b>1,76,700 ₹</b>	<b>1,76,700 ₹</b>	<b>1,93,400 ₹</b>	<b>1,93,400 ₹</b>

# The range of BDS fully ground core drills



## HSS-Co 8 series

- ▶ High degree of heat resistance
- ▶ Better wear protection
- ▶ High cobalt content of 8%
- ▶ Suitable for higher loads in fine-grained steels and rustproof materials
- ▶ With 19 mm or 32 mm Weldon shank
- ▶ Can be resharpened

## HSS-VarioPLUS series

- ▶ High-strength fully ground core drill
- ▶ Carbide coating in a range of 2.5  $\mu$
- ▶ Longer service lives
- ▶ More uniform discharge of chip, particularly during prolonged drilling - a key point for safety during work

## HSS-Standard series

- ▶ Tools with three different cutting depth: 30 mm, 55 mm and 110 mm
- ▶ Core drilling diameters of 12 mm to 130 mm
- ▶ Can be resharpened

### HSS-Co 8 series

Core drills made from special steel with high cobalt content, for increased heat resistance and wear protection.



#### HSS-Co 8 series

KBK-CO	KBL-CO
30 mm	55 mm
12 - 130 mm	12 - 100 mm

Prices on page 7

### HSS-VarioPLUS Series

Fully ground core drills made from high performance high-speed steel, with carbide coating, high degree of protection against wear, excellent discharge of chips.



#### HSS-VarioPLUS series

KBK-VP	KBL-VP
30 mm	55 mm
12 - 60 mm	12 - 60 mm

Prices on page 7

### HSS-Standard Series

Fully ground core drills made from high performance high-speed steel.



#### HSS Standard series

KBK	KBL	KEL
30 mm	55 mm	110 mm
12 - 60 mm	12 - 60 mm	20 - 50 mm

Prices on page 8

**Cutting depth:**  
**Drilling diameter:**

# Professional quality for professional tasks



BDS core drills are produced on modern CNC-controlled grinding centres. This guarantees uniform cutting, quality and cutting performance of all BDS drilling tools across the entire range.

### Huge vertical range of products

BDS core drills are produced in five cutting depths of 30, 35, 55, 75 and 110 mm and with more than 94 different drilling diameters.

### Arbors

BDS core drilling tools are offered with different arbors. They fit the KEYLESS quick-change drilling system and the MT 2, MT 3 and MT 4 industrial arbors also available in the range of accessories with automatic or manual internal lubrication.

## Carbide series and Carbide-PLUS series

- ▶ Carbide-tipped core drills
- ▶ Cutting depths of 30 mm, 55 mm, 75 mm and 110 mm
- ▶ Diameters of 12 mm to 150 mm
- ▶ Carbide-PLUS also with wear-resistant hard coating up to 2.5 μ

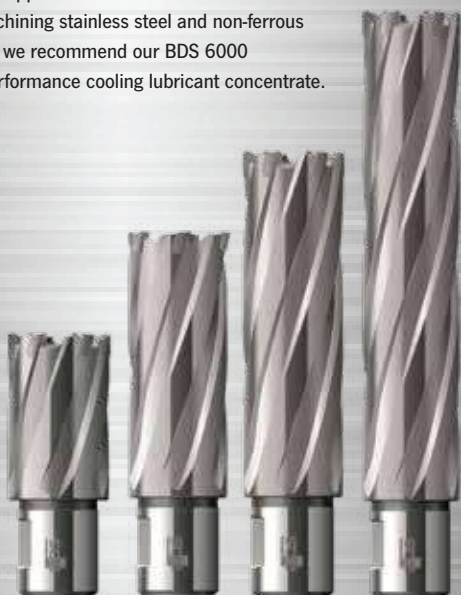


### Arbors:

- ① 19 mm Weldon shank (3/4")
- ② 32 mm Weldon shank (1 1/4")
- ③ 18 mm Quick-In shank
- ④ Carbide TCT annular cutters optionally available as Universal shank (Nitto+Weldon)

### Carbide series

Carbide-tipped core drills. For machining stainless steel and non-ferrous metals, we recommend our BDS 6000 high-performance cooling lubricant concentrate.



### Carbide-PLUS series

Carbide-tipped core drills with carbide coating.



### Carbide-PLUS series

Carbide-tipped core drills with carbide coating.



### Carbide series

HKK	HKL	HKX-L	HKE-L
30 mm	55 mm	75 mm	110 mm
12 - 150 mm	12 - 100 mm	18 - 120 mm	20 - 120 mm

### Carbide-PLUS series

HKK-P	HKL-P
30 mm	55 mm
12 - 60 mm	12 - 60 mm

### Carbide-RAIL series

HKK-R
30 mm
17 - 36 mm

Prices on page 9

Prices on page 10

Prices on page 10

# HSS Standard Annular Cutters

**BDSMASCHINEN**  
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Diameter		30 mm Cutting Depth		55 mm Cutting Depth		75 mm Cutting Depth		110 mm Cutting Depth		Diameter		30 mm Cutting Depth		55 mm Cutting Depth		75 mm Cutting Depth	
Ø mm	Article No.	Price ₹	Article No.	Price ₹	Article No.	Price ₹	Article No.	Price ₹	Article No.	Price ₹	Ø mm	Article No.	Price ₹	Article No.	Price ₹	Article No.	Price ₹
12	KBK 012	1,719	KBL 012	2,111	KBX-L 012	2,738					61	KBK 061	9,325	KBL 061	10,975	KBX-L 061	19,611
13	KBK 013	1,719	KBL 013	2,111	KBX-L 013	3,830					62	KBK 062	9,617	KBL 062	13,135	KBX-L 062	19,611
14	KBK 014	1,774	KBL 014	2,111	KBX-L 014	4,306					63	KBK 063	10,386	KBL 063	14,277	KBX-L 063	19,864
15	KBK 015	1,774	KBL 015	2,280	KBX-L 015	4,306					64	KBK 064	10,404	KBL 064	14,277	KBX-L 064	19,864
16	KBK 016	1,809	KBL 016	2,280	KBX-L 016	4,789					65	KBK 065	10,429	KBL 065	15,547	KBX-L 065	19,991
17	KBK 017	1,809	KBL 017	2,280	KBX-L 017	5,187					66	KBK 066	11,762	KBL 066	16,232	KBX-L 066	22,725
17.5	KBK 017.5	1,948	KBL 017.5	2,280	KBX-L 17.5	4,138					67	KBK 067	11,955	KBL 067	16,649	KBX-L 067	23,308
18	KBK 018	1,948	KBL 018	2,280	KBX-L 018	4,138					68	KBK 068	12,317	KBL 068	17,038	KBX-L 068	23,853
19	KBK 019	1,948	KBL 019	2,389	KBX-L 019	4,138					69	KBK 069	12,461	KBL 069	17,455	KBX-L 069	24,437
19.5	KBK 019.5	1,961	KBL 019.5	2,389	KBX-L 19.5	4,223					70	KBK 070	12,654	KBL 070	17,733	KBX-L 070	24,826
20	KBK 020	1,961	KBL 020	2,389	KBX-L 020	4,223	KEL 020	6,726			71	KBK 071	12,967	KBL 071	17,983	KBX-L 071	25,176
21	KBK 021	2,044	KBL 021	2,389	KBX-L 021	4,223	KEL 021	7,119			72	KBK 072	13,257	KBL 072	18,205	KBX-L 072	25,487
22	KBK 022	2,353	KBL 022	2,389	KBX-L 022	4,704	KEL 022	8,395			73	KBK 073	13,498	KBL 073	18,594	KBX-L 073	26,032
23	KBK 023	2,400	KBL 023	2,738	KBX-L 023	4,704	KEL 023	8,445			74	KBK 074	13,666	KBL 074	18,956	KBX-L 074	26,538
24	KBK 024	2,521	KBL 024	2,738	KBX-L 024	4,946	KEL 024	8,715			75	KBK 075	13,956	KBL 075	19,373	KBX-L 075	27,122
25	KBK 025	2,521	KBL 025	2,967	KBX-L 025	4,946	KEL 025	9,328			76	KBK 076	14,172	KBL 076	19,595	KBX-L 076	27,433
26	KBK 026	2,569	KBL 026	2,967	KBX-L 026	5,187	KEL 026	9,746			77	KBK 077	14,486	KBL 077	19,845	KBX-L 077	27,783
27	KBK 027	2,569	KBL 027	3,076	KBX-L 027	5,187	KEL 027	10,482			78	KBK 078	14,679	KBL 078	20,040	KBX-L 078	28,056
28	KBK 028	2,823	KBL 028	3,076	KBX-L 028	5,549	KEL 028	11,758			79	KBK 079	14,871	KBL 079	20,234	KBX-L 079	28,328
29	KBK 029	2,823	KBL 029	3,257	KBX-L 029	5,790	KEL 029	12,274			80	KBK 080	15,161	KBL 080	20,512	KBX-L 080	28,717
30	KBK 030	2,955	KBL 030	3,257	KBX-L 030	5,911	KEL 030	12,667			81	KBK 081	15,329	KBL 081	20,818	KBX-L 081	29,145
31	KBK 031	2,955	KBL 031	3,492	KBX-L 031	6,152	KEL 031	12,716			82	KBK 082	15,546	KBL 082	21,068	KBX-L 082	29,495
32	KBK 032	3,100	KBL 032	3,492	KBX-L 032	6,454	KEL 032	12,888			83	KBK 083	15,787	KBL 083	21,346	KBX-L 083	29,884
33	KBK 033	3,113	KBL 033	3,770	KBX-L 033	6,454	KEL 033	14,238			84	KBK 084	16,028	KBL 084	21,680	KBX-L 084	30,351
34	KBK 034	3,257	KBL 034	3,770	KBX-L 034	6,816	KEL 034	16,005			85	KBK 085	16,197	KBL 085	21,902	KBX-L 085	30,663
35	KBK 035	3,336	KBL 035	3,891	KBX-L 035	6,816	KEL 035	17,085			86	KBK 086	16,462	KBL 086	22,124	KBX-L 086	30,974
36	KBK 036	3,679	KBL 036	3,891	KBX-L 036	7,359	KEL 036	18,264			87	KBK 087	16,703	KBL 087	22,180	KBX-L 087	31,052
37	KBK 037	3,679	KBL 037	4,458	KBX-L 037	8,143	KEL 037	19,344			88	KBK 088	17,017	KBL 088	22,263	KBX-L 088	31,169
38	KBK 038	3,861	KBL 038	4,458	KBX-L 038	8,143	KEL 038	21,406			89	KBK 089	17,282	KBL 089	22,319	KBX-L 089	31,246
39	KBK 039	4,060	KBL 039	4,765	KBX-L 039	8,866	KEL 039	22,486			90	KBK 090	17,402	KBL 090	22,708	KBX-L 090	31,791
40	KBK 040	4,422	KBL 040	4,765	KBX-L 040	8,866	KEL 040	23,566			91	KBK 091	17,667	KBL 091	22,902	KBX-L 091	32,063
41	KBK 041	4,422	KBL 041	5,242	KBX-L 041	10,134	KEL 041	24,744			92	KBK 092	17,933	KBL 092	23,097	KBX-L 092	32,336
42	KBK 042	4,765	KBL 042	5,242	KBX-L 042	10,134	KEL 042	25,824			93	KBK 093	18,125	KBL 093	23,347	KBX-L 093	32,686
43	KBK 043	4,765	KBL 043	5,971	KBX-L 043	10,134	KEL 043	27,101			94	KBK 094	18,366	KBL 094	23,431	KBX-L 094	32,803
44	KBK 044	5,199	KBL 044	5,971	KBX-L 044	10,134	KEL 044	28,279			95	KBK 095	18,511	KBL 095	23,625	KBX-L 095	33,075
45	KBK 045	5,199	KBL 045	6,273	KBX-L 045	10,134	KEL 045	29,261			96	KBK 096	18,752	KBL 096	23,959	KBX-L 096	33,542
46	KBK 046	5,524	KBL 046	6,273	KBX-L 046	12,015	KEL 046	31,029			97	KBK 097	18,993	KBL 097	24,264	KBX-L 097	33,970
47	KBK 047	5,580	KBL 047	6,574	KBX-L 047	12,390	KEL 047	32,207			98	KBK 098	19,210	KBL 098	24,487	KBX-L 098	34,281
48	KBK 048	5,869	KBL 048	6,574	KBX-L 048	12,794	KEL 048	32,600			99	KBK 099	19,451	KBL 099	24,626	KBX-L 099	34,476
49	KBK 049	5,869	KBL 049	6,985	KBX-L 049	13,167	KEL 049	33,974			100	KBK 100	19,861	KBL 100	24,709	KBX-L 100	34,593
50	KBK 050	6,364	KBL 050	6,997	KBX-L 050	13,210	KEL 050	35,153									
51	KBK 051	6,398	KBL 051	8,182	KBX-L 051	14,633					105	KBK 105	20,487				
52	KBK 052	6,786	KBL 052	8,182	KBX-L 052	15,090					110	KBK 110	21,427				
53	KBK 053	6,976	KBL 053	8,436	KBX-L 053	15,598					115	KBK 115	22,078				
54	KBK 054	7,167	KBL 054	8,710	KBX-L 054	16,074					120	KBK 120	22,705				
55	KBK 055	7,405	KBL 055	8,990	KBX-L 055	16,427					125	KBK 125	23,356				
56	KBK 056	7,547	KBL 056	9,261	KBX-L 056	17,039					130	KBK 130	23,814				
57	KBK 057	7,801	KBL 057	9,541	KBX-L 057	17,585											
58	KBK 058	8,258	KBL 058	9,820	KBX-L 058	18,087											
59	KBK 059	8,309	KBL 059	10,099	KBX-L 059	18,595											
60	KBK 060	8,690	KBL 060	10,353	KBX-L 060	19,115											
Ejector Pin	ZAK 075	358	ZAK 100	418	ZAK 225	1330	ZAK 275	1933	Ejector Pin	ZAK 090	1,010	ZAK 120	1,216	ZAK 245	1694		


### Recommended cutting speed for various material

Aluminium	20 - 30 m/min
Steel	25 m/min
Casting	10 - 20 m/min

### Recommended cutting speed for various material

Fine Grain Steel < 700 N/m <sup>2</sup>	10 - 15 m/min
Fine Grain Steel < 1000 N/m <sup>2</sup>	10 - 20 m/min

### Recommended cutting oil



Bio-degradable, optimal base adjustment of the viscosity for the use of BDS core drills. Make more holes per cutter with cutting oil.

Order Nr. : ZHS 006 BDS 5000

Price ₹ **933.30**

# HSS Cobalt 8% Annular Cutters



# HSS Coated Annular Cutters



Diameter		30 mm Cutting Depth		55 mm Cutting Depth		Diameter		30 mm Cutting Depth		55 mm Cutting Depth		Diameter		30 mm Cutting Depth		55 mm Cutting Depth			
Ø mm	Article No.	Price ₹	Article No.	Price ₹	Ø mm	Article No.	Price ₹	Article No.	Price ₹	Ø mm	Article No.	Price ₹	Article No.	Price ₹	Ø mm	Article No.	Price ₹	Article No.	Price ₹
12	KBK-CO 012	2,150	KBL-CO 012	2,640	61	KBK-CO 061	11,656	KBL-CO 061	10,975	12	KBK-VP 012	2,235	KBL-VP 012	4,422					
13	KBK-CO 013	2,150	KBL-CO 013	2,640	62	KBK-CO 062	12,022	KBL-CO 062	13,135	13	KBK-VP 013	2,235	KBL-VP 013	4,637					
14	KBK-CO 014	2,218	KBL-CO 014	2,640	63	KBK-CO 063	12,983	KBL-CO 063	14,277	14	KBK-VP 014	2,306	KBL-VP 014	4,780					
15	KBK-CO 015	2,218	KBL-CO 015	2,852	64	KBK-CO 064	13,006	KBL-CO 064	14,277	15	KBK-VP 015	2,306	KBL-VP 015	5,282					
16	KBK-CO 016	2,263	KBL-CO 016	2,852	65	KBK-CO 065	13,037	KBL-CO 065	15,547	16	KBK-VP 016	2,352	KBL-VP 016	5,640					
17	KBK-CO 017	2,263	KBL-CO 017	2,852	66	KBK-CO 066	14,703	KBL-CO 066	16,231	17	KBK-VP 017	2,352	KBL-VP 017	5,748					
17.5	KBK-CO 17.5	2,436	KBL-CO 17.5	2,852	67	KBK-CO 067	14,944	KBL-CO 067	16,648	17.5	KBK-VP 17.5	2,533	KBL-VP 17.5	5,855					
18	KBK-CO 018	2,436	KBL-CO 018	2,852	68	KBK-CO 068	15,395	KBL-CO 068	17,038	18	KBK-VP 018	2,533	KBL-VP 018	5,604					
19	KBK-CO 019	2,436	KBL-CO 019	2,987	69	KBK-CO 069	15,577	KBL-CO 069	17,455	19	KBK-VP 019	2,533	KBL-VP 019	6,321					
19.5	KBK-CO 19.5	2,452	KBL-CO 19.5	2,987	70	KBK-CO 070	15,818	KBL-CO 070	17,733	19.5	KBK-VP 19.5	2,549	KBL-VP 19.5	6,429					
20	KBK-CO 020	2,452	KBL-CO 020	2,987	71	KBK-CO 071	16,210	KBL-CO 071	17,983	20	KBK-VP 020	2,549	KBL-VP 020	6,572					
21	KBK-CO 021	2,557	KBL-CO 021	2,987	72	KBK-CO 072	16,571	KBL-CO 072	18,205	21	KBK-VP 021	2,549	KBL-VP 021	6,715					
22	KBK-CO 022	2,724	KBL-CO 022	2,987	73	KBK-CO 073	16,872	KBL-CO 073	18,594	22	KBK-VP 022	3,058	KBL-VP 022	6,679					
23	KBK-CO 023	2,724	KBL-CO 023	3,208	74	KBK-CO 074	17,083	KBL-CO 074	18,955	23	KBK-VP 023	3,120	KBL-VP 023	7,073					
24	KBK-CO 024	2,941	KBL-CO 024	3,208	75	KBK-CO 075	17,444	KBL-CO 075	19,372	24	KBK-VP 024	3,277	KBL-VP 024	7,324					
25	KBK-CO 025	2,941	KBL-CO 025	3,346	76	KBK-CO 076	17,716	KBL-CO 076	19,595	25	KBK-VP 025	3,277	KBL-VP 025	7,575					
26	KBK-CO 026	2,941	KBL-CO 026	3,521	77	KBK-CO 077	18,108	KBL-CO 077	19,845	26	KBK-VP 026	3,340	KBL-VP 026	7,575					
27	KBK-CO 027	2,941	KBL-CO 027	3,574	78	KBK-CO 078	18,349	KBL-CO 078	20,040	27	KBK-VP 027	3,340	KBL-VP 027	8,112					
28	KBK-CO 028	3,246	KBL-CO 028	3,574	79	KBK-CO 079	18,590	KBL-CO 079	20,234	28	KBK-VP 028	3,670	KBL-VP 028	8,327					
29	KBK-CO 029	3,246	KBL-CO 029	3,637	80	KBK-CO 080	18,951	KBL-CO 080	20,512	29	KBK-VP 029	3,670	KBL-VP 029	8,507					
30	KBK-CO 030	3,529	KBL-CO 030	3,637	81	KBK-CO 081	19,162	KBL-CO 081	20,817	30	KBK-VP 030	3,841	KBL-VP 030	8,937					
31	KBK-CO 031	3,529	KBL-CO 031	4,008	82	KBK-CO 082	19,433	KBL-CO 082	21,068	31	KBK-VP 031	3,841	KBL-VP 031	9,187					
32	KBK-CO 032	3,637	KBL-CO 032	4,008	83	KBK-CO 083	19,734	KBL-CO 083	21,346	32	KBK-VP 032	4,030	KBL-VP 032	9,331					
33	KBK-CO 033	3,892	KBL-CO 033	4,714	84	KBK-CO 084	20,036	KBL-CO 084	21,680	33	KBK-VP 033	4,046	KBL-VP 033	9,510					
34	KBK-CO 034	4,074	KBL-CO 034	4,714	85	KBK-CO 085	20,246	KBL-CO 085	21,902	34	KBK-VP 034	4,234	KBL-VP 034	9,653					
35	KBK-CO 035	4,171	KBL-CO 035	4,865	86	KBK-CO 086	20,578	KBL-CO 086	22,125	35	KBK-VP 035	4,336	KBL-VP 035	10,119					
36	KBK-CO 036	4,601	KBL-CO 036	4,865	87	KBK-CO 087	20,879	KBL-CO 087	22,180	36	KBK-VP 036	4,783	KBL-VP 036	10,513					
37	KBK-CO 037	4,601	KBL-CO 037	5,575	88	KBK-CO 088	21,271	KBL-CO 088	22,264	37	KBK-VP 037	4,783	KBL-VP 037	10,800					
38	KBK-CO 038	4,828	KBL-CO 038	5,575	89	KBK-CO 089	21,602	KBL-CO 089	22,319	38	KBK-VP 038	5,019	KBL-VP 038	11,015					
39	KBK-CO 039	5,077	KBL-CO 039	5,959	90	KBK-CO 090	21,753	KBL-CO 090	22,708	39	KBK-VP 039	5,278	KBL-VP 039	11,230					
40	KBK-CO 040	5,530	KBL-CO 040	5,959	91	KBK-CO 091	22,085	KBL-CO 091	22,902	40	KBK-VP 040	5,748	KBL-VP 040	11,552					
41	KBK-CO 041	5,530	KBL-CO 041	6,554	92	KBK-CO 092	22,416	KBL-CO 092	23,097	41	KBK-VP 041	5,748	KBL-VP 041	11,839					
42	KBK-CO 042	5,959	KBL-CO 042	6,554	93	KBK-CO 093	22,657	KBL-CO 093	23,347	42	KBK-VP 042	6,195	KBL-VP 042	12,018					
43	KBK-CO 043	5,959	KBL-CO 043	7,466	94	KBK-CO 094	22,959	KBL-CO 094	23,431	43	KBK-VP 043	6,195	KBL-VP 043	12,233					
44	KBK-CO 044	6,502	KBL-CO 044	7,466	95	KBK-CO 095	23,139	KBL-CO 095	23,625	44	KBK-VP 044	6,760	KBL-VP 044	12,519					
45	KBK-CO 045	6,502	KBL-CO 045	7,844	96	KBK-CO 096	23,441	KBL-CO 096	23,958	45	KBK-VP 045	6,760	KBL-VP 045	12,985					
46	KBK-CO 046	6,908	KBL-CO 046	7,844	97	KBK-CO 097	23,741	KBL-CO 097	24,265	46	KBK-VP 046	7,182	KBL-VP 046	13,343					
47	KBK-CO 047	6,978	KBL-CO 047	8,221	98	KBK-CO 098	24,013	KBL-CO 098	24,487	47	KBK-VP 047	7,254	KBL-VP 047	13,917					
48	KBK-CO 048	7,339	KBL-CO 048	8,221	99	KBK-CO 099	24,313	KBL-CO 099	24,626	48	KBK-VP 048	7,629	KBL-VP 048	14,132					
49	KBK-CO 049	7,339	KBL-CO 049	8,735	100	KBK-CO 100	24,826	KBL-CO 100	24,709	49	KBK-VP 049	7,629	KBL-VP 049	14,382					
50	KBK-CO 050	7,958	KBL-CO 050	8,750	105	KBK-CO 105	25,610			50	KBK-VP 050	8,273	KBL-VP 050	14,848					
51	KBK-CO 051	8,009	KBL-CO 051	10,326	110	KBK-CO 110	26,785			51	KBK-VP 051	8,318	KBL-VP 051	16,496					
52	KBK-CO 052	8,483	KBL-CO 052	10,348	115	KBK-CO 115	27,598			52	KBK-VP 052	8,821	KBL-VP 052	17,750					
53	KBK-CO 053	9,016	KBL-CO 053	10,681	120	KBK-CO 120	28,382			53	KBK-VP 053	9,069	KBL-VP 053	18,324					
54	KBK-CO 054	9,016	KBL-CO 054	11,040	125	KBK-CO 125	29,195			54	KBK-VP 054	9,317	KBL-VP 054	18,969					
55	KBK-CO 055	9,327	KBL-CO 055	11,408	130	KBK-CO 130	29,767			55	KBK-VP 055	9,626	KBL-VP 055	19,506					
56	KBK-CO 056	9,515	KBL-CO 056	11,764						56	KBK-VP 056	9,811	KBL-VP 056	20,079					
57	KBK-CO 057	9,847	KBL-CO 057	12,131						57	KBK-VP 057	10,142	KBL-VP 057	20,545					
58	KBK-CO 058	10,448	KBL-CO 058	12,498						58	KBK-VP 058	10,736	KBL-VP 058	21,118					
59	KBK-CO 059	10,514	KBL-CO 059	12,864						59	KBK-VP 059	10,802	KBL-VP 059	21,763					
60	KBK-CO 060	11,015	KBL-CO 060	13,197						60	KBK-VP 060	11,297	KBL-VP 060	22,229					
Ejector Pin	ZAK 075	358	ZAK 100	418	Ejector Pin	ZAK 090	1,010	ZAK 120	1,216	Ejector Pin	ZAK 075	358	ZAK 100	418					


## Recommended cutting speed for various material

Fine Grain Steel <700 N/m <sup>2</sup>	10 - 15 m/min
Find Grain Steel <1000 N/m <sup>2</sup>	10 - 15 m/min
Inox	10 - 15 m/min
Casting (Depends on the type)	15 - 20 m/min

## Recommended cutting speed for various material

Fine Grain Steel <700 N/m <sup>2</sup>	10 - 15 m/min
Find Grain Steel <1000 N/m <sup>2</sup>	10 - 15 m/min

## Recommended cutting oil



Bio-degradable, optimal base adjustment of the viscosity for the use of BDS core drills. Make more holes per cutter with cutting oil

Order Nr. : ZHS 006 BDS 5000

Price ₹ : 933.30



# TCT Standard Annular Cutters



Diameter Ø mm	30 mm Cutting Depth Article No. Price ₹	55 mm Cutting Depth Article No. Price ₹	75 mm Cutting Depth Article No. Price ₹	110 mm Cutting Depth Article No. Price ₹	Diameter Ø mm	30 mm Cutting Depth Article No. Price ₹	55 mm Cutting Depth Article No. Price ₹	75 mm Cutting Depth Article No. Price ₹	110 mm Cutting Depth Article No. Price ₹
12	HKK 012	HKL 012			61	HKK 061 8,710	HKL 061 10,640	HXX-L 061 19,223	
13	HKK 013	HKL 013			62	HKK 062 8,710	HKL 062 10,640	HXX-L 062 19,223	
14	HKK 014 2,890	HKL 014 3,432			63	HKK 063 8,710	HKL 063 10,640	HXX-L 063 19,223	
15	HKK 015 2,890	HKL 015 3,432			64	HKK 064 8,710	HKL 064 10,640	HXX-L 064 19,223	
16	HKK 016 2,890	HKL 016 3,432			65	HKK 065 8,710	HKL 065 10,640	HXX-L 065 19,223	HKE-L 065 24,695
17	HKK 017 2,890	HKL 017 3,432			66	HKK 066 9,876	HKL 066 12,191	HXX-L 066 22,421	
18	HKK 018 2,890	HKL 018 3,432	HXX-L 018 6,253		67	HKK 067 9,876	HKL 067 12,191	HXX-L 067 22,421	
19	HKK 019 2,890	HKL 019 3,432	HXX-L 019 6,253		68	HKK 068 9,876	HKL 068 12,191	HXX-L 068 22,421	
20	HKK 020 2,890	HKL 020 3,432	HXX-L 020 6,253	HKE-L 020 8,453	69	HKK 069 9,876	HKL 069 12,191	HXX-L 069 22,421	
21	HKK 021 2,890	HKL 021 3,432	HXX-L 021 6,253	HKE-L 021 8,453	70	HKK 070 9,876	HKL 070 12,191	HXX-L 070 22,421	HKE-L 070 28,568
22	HKK 022 2,890	HKL 022 3,432	HXX-L 022 6,253	HKE-L 022 8,453	71	HKK 071 11,206	HKL 071 13,673	HXX-L 071 24,337	
23	HKK 023 2,890	HKL 023 3,432	HXX-L 023 6,253	HKE-L 023 8,453	72	HKK 072 11,206	HKL 072 13,673	HXX-L 072 24,337	
24	HKK 024 2,890	HKL 024 3,432	HXX-L 024 6,253	HKE-L 024 8,453	73	HKK 073 11,206	HKL 073 13,673	HXX-L 073 24,337	
25	HKK 025 2,890	HKL 025 3,432	HXX-L 025 6,253	HKE-L 025 8,453	74	HKK 074 11,206	HKL 074 13,673	HXX-L 074 24,337	
26	HKK 026 3,183	HKL 026 3,737	HXX-L 026 6,813	HKE-L 026 9,439	75	HKK 075 11,206	HKL 075 13,673	HXX-L 075 24,337	HKE-L 075 30,981
27	HKK 027 3,183	HKL 027 3,737	HXX-L 027 6,813	HKE-L 027 9,439	76	HKK 076 12,350	HKL 076 15,052	HXX-L 076 26,785	
28	HKK 028 3,183	HKL 028 3,737	HXX-L 028 6,813	HKE-L 028 9,439	77	HKK 077 12,350	HKL 077 15,052	HXX-L 077 26,785	
29	HKK 029 3,183	HKL 029 3,737	HXX-L 029 6,813	HKE-L 029 9,439	78	HKK 078 12,350	HKL 078 15,052	HXX-L 078 26,785	
30	HKK 030 3,183	HKL 030 3,737	HXX-L 030 6,813	HKE-L 030 9,439	79	HKK 079 12,350	HKL 079 15,052	HXX-L 079 26,785	
31	HKK 031 3,724	HKL 031 4,495	HXX-L 031 8,213	HKE-L 031 10,920	80	HKK 080 12,350	HKL 080 15,052	HXX-L 080 26,785	HKE-L 080 34,146
32	HKK 032 3,724	HKL 032 4,495	HXX-L 032 8,213	HKE-L 032 10,920	81	HKK 081 14,293	HKL 081 17,438	HXX-L 081 30,355	
33	HKK 033 3,724	HKL 033 4,495	HXX-L 033 8,213	HKE-L 033 10,920	82	HKK 082 14,293	HKL 082 17,438	HXX-L 082 30,355	
34	HKK 034 3,724	HKL 034 4,495	HXX-L 034 8,213	HKE-L 034 10,920	83	HKK 083 14,293	HKL 083 17,438	HXX-L 083 30,355	
35	HKK 035 3,724	HKL 035 4,495	HXX-L 035 8,213	HKE-L 035 10,920	84	HKK 084 14,293	HKL 084 17,438	HXX-L 084 30,355	
36	HKK 036 4,240	HKL 036 5,145	HXX-L 036 9,467	HKE-L 036 12,629	85	HKK 085 14,293	HKL 085 17,438	HXX-L 085 30,355	
37	HKK 037 4,240	HKL 037 5,145	HXX-L 037 9,467	HKE-L 037 12,629	86	HKK 086 15,259	HKL 086 18,568	HXX-L 086 32,320	
38	HKK 038 4,240	HKL 038 5,145	HXX-L 038 9,467	HKE-L 038 12,629	87	HKK 087 15,259	HKL 087 18,568	HXX-L 087 32,320	
39	HKK 039 4,240	HKL 039 5,145	HXX-L 039 9,467	HKE-L 039 12,629	88	HKK 088 15,259	HKL 088 18,568	HXX-L 088 32,320	
40	HKK 040 4,240	HKL 040 5,145	HXX-L 040 9,467	HKE-L 040 12,629	89	HKK 089 15,259	HKL 089 18,568	HXX-L 089 32,320	
41	HKK 041 5,087	HKL 041 6,137	HXX-L 041 10,862	HKE-L 041 14,385	90	HKK 090 15,259	HKL 090 18,568	HXX-L 090 32,320	HKE-L 090 42,852
42	HKK 042 5,087	HKL 042 6,137	HXX-L 042 10,862	HKE-L 042 14,385	91	HKK 091 16,733	HKL 091 20,353	HXX-L 091 35,423	
43	HKK 043 5,087	HKL 043 6,137	HXX-L 043 10,862	HKE-L 043 14,385	92	HKK 092 16,733	HKL 092 20,353	HXX-L 092 35,423	
44	HKK 044 5,087	HKL 044 6,137	HXX-L 044 10,862	HKE-L 044 14,385	93	HKK 093 16,733	HKL 093 20,353	HXX-L 093 35,423	
45	HKK 045 5,087	HKL 045 6,137	HXX-L 045 10,862	HKE-L 045 14,385	94	HKK 094 16,733	HKL 094 20,353	HXX-L 094 35,423	
46	HKK 046 5,826	HKL 046 7,067	HXX-L 046 13,039	HKE-L 046 17,092	95	HKK 095 16,733	HKL 095 20,353	HXX-L 095 35,423	
47	HKK 047 5,826	HKL 047 7,067	HXX-L 047 13,039	HKE-L 047 17,092	96	HKK 096 19,175	HKL 096 23,345	HXX-L 096 40,972	
48	HKK 048 5,826	HKL 048 7,067	HXX-L 048 13,039	HKE-L 048 17,092	97	HKK 097 19,175	HKL 097 23,345	HXX-L 097 40,972	
49	HKK 049 5,826	HKL 049 7,067	HXX-L 049 13,039	HKE-L 049 17,092	98	HKK 098 19,175	HKL 098 23,345	HXX-L 098 40,972	
50	HKK 050 5,826	HKL 050 7,067	HXX-L 050 13,039	HKE-L 050 17,092	99	HKK 099 19,175	HKL 099 23,345	HXX-L 099 40,972	
51	HKK 051 6,809	HKL 051 8,333	HXX-L 051 15,461		100	HKK 100 19,175	HKL 100 23,345	HXX-L 100 40,972	HKE-L 100 51,593
52	HKK 052 6,809	HKL 052 8,333	HXX-L 052 15,461		105	HKK 105 28,837			
53	HKK 053 6,809	HKL 053 8,333	HXX-L 053 15,461		110	HKK 110 30,339			HKE-L 110 71,492
54	HKK 054 6,809	HKL 054 8,333	HXX-L 054 15,461		115	HKK 115 31,048			
55	HKK 055 6,809	HKL 055 8,333	HXX-L 055 15,461		120	HKK 120 34,845			HKE-L 120 74,797
56	HKK 056 7,519	HKL 056 9,187	HXX-L 056 16,901		125	HKK 125 36,647			
57	HKK 057 7,519	HKL 057 9,187	HXX-L 057 16,901		130	HKK 130 41,154			
58	HKK 058 7,519	HKL 058 9,187	HXX-L 058 16,901		135	HKK 135 45,358			
59	HKK 059 7,519	HKL 059 9,187	HXX-L 059 16,901		140	HKK 140 48,663			
60	HKK 060 7,519	HKL 060 9,187	HXX-L 060 16,901		145	HKK 145 53,110			
Ejector Pin	ZAK 075 358	ZAK 100 418	ZAK 225 1,330	ZAK 275 1,933	Ejector Pin	ZAK 090 1,010	ZAK 120 1,216	ZAK 245 1,694	ZAK 0275 1,933

### Recommended cutting speed for various material

Steel <500 N/m <sup>2</sup>	35 m/min
Fine Grain Steel <700 N/m <sup>2</sup>	25 m/min
Find Grain Steel <1000 N/m <sup>2</sup>	25 m/min
Stainless Steel, Inox	20 m/min

### Recommended coolant



Miscible with water, biostable and mild smelling improves the core drill life. Toxicologically harmless, water hazard class 1.  
Order Nr. : ZHB 001 BDS 6000  
Price ₹ : 1,774.80

# TCT Coated Annular Cutters



# HSS Stack Cutter for drilling multiple sandwich plates



30 mm Cutting Depth			55 mm Cutting Depth			30 mm Cutting Depth			55 mm Cutting Depth		110 mm Cutting Depth	
Diameter Ø mm	Article No.	Price ₹	Diameter Ø mm	Article No.	Price ₹	Ø mm	Article No.	Price ₹	Article No.	Price ₹	Article No.	Price ₹
12	HKK-P 012	5,589	12	HKL-P 012	5,748	12	KBK-P 012	2,805	KBL-P 012	3,197		
13	HKK-P 013	5,589	13	HKL-P 013	5,748	13	KBK-P 013	2,805	KBL-P 013	3,197		
14	HKK-P 014	5,589	14	HKL-P 014	5,748	14	KBK-P 014	2,860	KBL-P 014	3,197		
15	HKK-P 015	5,707	15	HKL-P 015	5,748	15	KBK-P 015	2,860	KBL-P 015	3,366		
16	HKK-P 016	5,746	16	HKL-P 016	5,748	16	KBK-P 016	2,895	KBL-P 016	3,366		
17	HKK-P 017	5,785	17	HKL-P 017	5,748	17	KBK-P 017	2,895	KBL-P 017	3,366		
18	HKK-P 018	5,785	18	HKL-P 018	5,748	17.5	KBK-P 17.5	3,034	KBL-P 17.5	3,366		
19	HKK-P 019	5,785	19	HKL-P 019	5,748	18	KBK-P 018	3,034	KBL-P 018	3,366		
20	HKK-P 020	5,785	20	HKL-P 020	5,748	19	KBK-P 019	3,034	KBL-P 019	3,475		
21	HKK-P 021	5,863	21	HKL-P 021	5,945	19.5	KBK-P 19.5	3,046	KBL-P 19.5	3,475		
22	HKK-P 022	5,863	22	HKL-P 022	5,945	20	KBK-P 020	3,046	KBL-P 020	3,475	KEL-P 020	7,812
23	HKK-P 023	5,863	23	HKL-P 023	5,945	21	KBK-P 021	3,130	KBL-P 021	3,475	KEL-P 021	8,205
24	HKK-P 024	5,902	24	HKL-P 024	5,945	22	KBK-P 022	3,438	KBL-P 022	3,475	KEL-P 022	9,481
25	HKK-P 025	5,902	25	HKL-P 025	5,945	23	KBK-P 023	3,486	KBL-P 023	3,824	KEL-P 023	9,530
26	HKK-P 026	6,097	26	HKL-P 026	6,572	24	KBK-P 024	3,607	KBL-P 024	3,824	KEL-P 024	9,800
27	HKK-P 027	6,097	27	HKL-P 027	6,572	25	KBK-P 025	3,607	KBL-P 025	4,053	KEL-P 025	10,414
28	HKK-P 028	6,097	28	HKL-P 028	6,572	26	KBK-P 026	3,655	KBL-P 026	4,053	KEL-P 026	10,831
29	HKK-P 029	6,136	29	HKL-P 029	6,572	27	KBK-P 027	3,655	KBL-P 027	4,161	KEL-P 027	11,568
30	HKK-P 030	6,176	30	HKL-P 030	6,572	28	KBK-P 028	3,909	KBL-P 028	4,161	KEL-P 028	12,844
31	HKK-P 031	7,231	31	HKL-P 031	7,629	29	KBK-P 029	3,909	KBL-P 029	4,343	KEL-P 029	13,360
32	HKK-P 032	7,348	32	HKL-P 032	7,629	30	KBK-P 030	4,041	KBL-P 030	4,343	KEL-P 030	13,752
33	HKK-P 033	7,622	33	HKL-P 033	7,629	31	KBK-P 031	4,041	KBL-P 031	4,578	KEL-P 031	13,802
34	HKK-P 034	7,622	34	HKL-P 034	7,629	32	KBK-P 032	4,186	KBL-P 032	4,578	KEL-P 032	13,973
35	HKK-P 035	7,739	35	HKL-P 035	7,629	33	KBK-P 033	4,199	KBL-P 033	4,856	KEL-P 033	15,324
36	HKK-P 036	8,403	36	HKL-P 036	8,507	34	KBK-P 034	4,343	KBL-P 034	4,856	KEL-P 034	17,091
37	HKK-P 037	8,482	37	HKL-P 037	8,507	35	KBK-P 035	4,421	KBL-P 035	4,976	KEL-P 035	18,171
38	HKK-P 038	8,677	38	HKL-P 038	8,507	36	KBK-P 036	4,765	KBL-P 036	4,976	KEL-P 036	19,349
39	HKK-P 039	8,755	39	HKL-P 039	8,507	37	KBK-P 037	4,765	KBL-P 037	5,544	KEL-P 037	20,430
40	HKK-P 040	8,951	40	HKL-P 040	8,507	38	KBK-P 038	4,946	KBL-P 038	5,544	KEL-P 038	22,492
41	HKK-P 041	10,475	41	HKL-P 041	9,994	39	KBK-P 039	5,145	KBL-P 039	5,851	KEL-P 039	23,572
42	HKK-P 042	10,592	42	HKL-P 042	9,994	40	KBK-P 040	5,507	KBL-P 040	5,851	KEL-P 040	24,652
43	HKK-P 043	10,631	43	HKL-P 043	9,994	41	KBK-P 041	5,507	KBL-P 041	6,327	KEL-P 041	25,830
44	HKK-P 044	10,709	44	HKL-P 044	9,994	42	KBK-P 042	5,851	KBL-P 042	6,327	KEL-P 042	26,910
45	HKK-P 045	10,827	45	HKL-P 045	9,994	43	KBK-P 043	5,851	KBL-P 043	7,057	KEL-P 043	28,187
46	HKK-P 046	11,335	46	HKL-P 046	10,639	44	KBK-P 044	6,285	KBL-P 044	7,057	KEL-P 044	29,365
47	HKK-P 047	11,374	47	HKL-P 047	10,639	45	KBK-P 045	6,285	KBL-P 045	7,359	KEL-P 045	30,347
48	HKK-P 048	11,491	48	HKL-P 048	11,176	46	KBK-P 046	6,610	KBL-P 046	7,359	KEL-P 046	32,114
49	HKK-P 049	11,608	49	HKL-P 049	10,639	47	KBK-P 047	6,666	KBL-P 047	7,660	KEL-P 047	33,293
50	HKK-P 050	12,038	50	HKL-P 050	11,141	48	KBK-P 048	6,955	KBL-P 048	7,660	KEL-P 048	33,685
51	HKK-P 051	13,016	51	HKL-P 051	11,659	49	KBK-P 049	6,955	KBL-P 049	8,071	KEL-P 049	35,060
52	HKK-P 052	13,485	52	HKL-P 052	11,659	50	KBK-P 050	7,450	KBL-P 050	8,083	KEL-P 050	36,238
53	HKK-P 053	14,149	53	HKL-P 053	12,287	51	KBK-P 051	7,473	KBL-P 051	9,168		
54	HKK-P 054	14,501	54	HKL-P 054	12,287	52	KBK-P 052	7,842	KBL-P 052	9,168		
55	HKK-P 055	14,735	55	HKL-P 055	12,913	53	KBK-P 053	8,022	KBL-P 053	9,409		
56	HKK-P 056	14,931	56	HKL-P 056	12,913	54	KBK-P 054	8,204	KBL-P 054	9,669		
57	HKK-P 057	15,322	57	HKL-P 057	13,434	55	KBK-P 055	8,429	KBL-P 055	9,935		
58	HKK-P 058	15,556	58	HKL-P 058	13,434	56	KBK-P 056	8,565	KBL-P 056	10,193		
59	HKK-P 059	15,986	59	HKL-P 059	13,828	57	KBK-P 057	8,806	KBL-P 057	10,459		
60	HKK-P 060	16,338	60	HKL-P 060	13,828	58	KBK-P 058	9,240	KBL-P 058	10,724		
						59	KBK-P 059	9,289	KBL-P 059	10,989		
						60	KBK-P 060	9,651	KBL-P 060	11,231		
Ejector Pin	ZAK 075	358	Ejector Pin	ZAK 100	418	Ejector Pin	ZAK 075	358	ZAK 100	418	ZAK 275	1,933

### Recommended cutting speed for various material

Steel <500 N/m <sup>2</sup>	35 m/min
Fine Grain Steel <700 N/m <sup>2</sup>	25 m/min
Find Grain Steel <1000 N/m <sup>2</sup>	25 m/min
Stainless Steel, Inox	20 m/min

### Recommended coolant

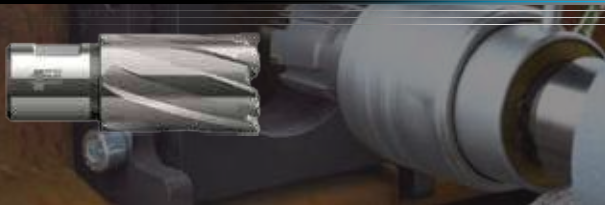


Miscible with water, biostable and mild smelling improves the core drill life. Toxicologically harmless, water hazard class 1.

Order Nr. : ZHB 001 BDS 6000

Price ₹ : 1,774.80

# TCT Rail Annular Cutters



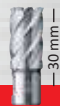
**BEST DEAL**



Diameter	30 mm Cutting Depth		Diameter	30 mm Cutting Depth	
Ø mm	Article No.	Price ₹	Ø mm	Article No.	Price ₹
17	HKK-R 017	4,368	27	HKK-R 027	4,775
18	HKK-R 018	4,368	28	HKK-R 028	4,775
19	HKK-R 019	4,368	29	HKK-R 029	4,775
20	HKK-R 020	4,368	30	HKK-R 030	4,775
21	HKK-R 021	4,585	31	HKK-R 031	5,426
22	HKK-R 022	4,585	32	HKK-R 032	5,426
23	HKK-R 023	4,585	33	HKK-R 033	5,426
24	HKK-R 024	4,585	34	HKK-R 034	5,426
25	HKK-R 025	4,585	35	HKK-R 035	5,426
26	HKK-R 026	4,775	36	HKK-R 036	6,186
Ejector Pin	ZAK 075	358	Ejector Pin	ZAK 075	358

## Annular Cutter Box (Set of 5)

**BDSMASCHINEN**  
MADE IN GERMANY



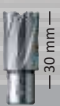
**30 mm Short HSS Standard Box**

ORDER NO.	CONTENTS	PRICE ₹
KBK Box 1	2 x KBK 014 2 x KBK 018 1 x KBK 022	9,600 ₹



**30 mm Short HSS Coated Box**

ORDER NO.	CONTENTS	PRICE ₹
KBK Box 1-V	2 x KBK-VP 014 2 x KBK-VP 018 1 x KBK-VP 022	10,400 ₹



**30 mm Short TCT Standard Box**

ORDER NO.	CONTENTS	PRICE ₹
HKK Box	2 x HKK 014 2 x HKK 018 1 x HKK 022	14,200 ₹



**55 mm Long HSS Standard Box**

ORDER NO.	CONTENTS	PRICE ₹
KBL Box 1	2 x KBL 014 2 x KBL 018 1 x KBL 022	10,900 ₹



**55 mm Long HSS Coated Box**

ORDER NO.	CONTENTS	PRICE ₹
KBL Box 1-V	2 x KBL-VP 014 2 x KBL-VP 018 1 x KBL-VP 022	14,300 ₹

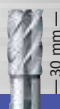


**30 mm Short TCT Coated Box**

ORDER NO.	CONTENTS	PRICE ₹
HKK-P Box Plus	2 x HKK-VP 014 2 x HKK-P 018 1 x HKK-P 022	18,000 ₹

## Annular Cutter Case (Set of 6 + Pin)

**BDSMASCHINEN**  
MADE IN GERMANY



**30 mm Short HSS Cobalt 8% Case**

ORDER NO.	CONTENTS	PRICE ₹
KBK-CO 001	2 x KBK-CO 014 2 x KBK-CO 018 2 x KBK-CO 022 1 x ZAK 075	21,400 ₹



**30 mm Short HSS Standard Case**

ORDER NO.	CONTENTS	PRICE ₹
KBK 001	2 x KBK 014 2 x KBK 018 2 x KBK 022 1 x ZAK 075	11,900 ₹



**30 mm Short HSS Coated Case**

ORDER NO.	CONTENTS	PRICE ₹
KBK-VP 001	2 x KBK-VP 014 2 x KBK-VP 018 2 x KBK-VP 022 1 x ZAK 075	18,000 ₹

ORDER NO.	CONTENTS	PRICE ₹
KBK-CO 002	1 x KBK-CO 013 1 x KBK-CO 014 1 x KBK-CO 017 1 x KBK-CO 018 1 x KBK-CO 021 1 x KBK-CO 022 1 x ZAK 075	21,400 ₹

ORDER NO.	CONTENTS	PRICE ₹
KBK 002	1 x KBK 013 1 x KBK 014 1 x KBK 017 1 x KBK 018 1 x KBK 021 1 x KBK 022 1 x ZAK 075	11,900 ₹

ORDER NO.	CONTENTS	PRICE ₹
KBK-VP 002	1 x KBK-VP 013 1 x KBK-VP 014 1 x KBK-VP 017 1 x KBK-VP 018 1 x KBK-VP 021 1 x KBK-VP 022 1 x ZAK 075	18,200 ₹

# Coolants, Cutting Oils & Pastes



## BDS 6000 COOLANT

ORDER NO.	PRICE ₹
ZHB 001	1,774.80

Miscible with water, biostable and mild smelling improves the core drill life. Toxicologically harmless, water hazard class 1.



## BDS 5000 CUTTING OIL

ORDER NO.	PRICE ₹
ZHS 006 (1 Liter)	933.30

Bio-degradable, optimal base adjustment of the viscosity for the use of BDS core drills, and easy use for subsequent galvanising. Also available in 5 lts.



## BDS 7500 FOR DRILLING CUTTING PASTE TUBE

ORDER NO.	PRICE ₹
ZHS 570	1,390

High performance cutting paste for core drilling materials like high-alloy steel, Hardox, rust and heat resisting steel.



## BDS 5500 FOR TAPPING CUTTING PASTE

ORDER NO.	PRICE ₹
ZHS 550	1,453.50

Optimally suitable for material types that are difficult to machine such as high-alloy steels, Hardox, stainless and heat-resistant steels. Suitable for overhead and constrained spaces.

# Premium Accessories



## PowerWORKER

ORDER NO.	PRICE ₹
POW 100	1,817

The BDS PowerWORKER cleans up with all magnetic drilling chips. With the help of this practical tool and its powerful magnetic force, chips are collected with ease and then placed quickly and easily in the scrap container. Magnetise, collect together, strip off and finished.



## PowerCLEANER

ORDER NO.	PRICE ₹
POW 200	1,530

PowerCLEANER - An ideal two in one tool for removing the metal chips from the core drills with the special hook and then cleaning the chips from workplace with the special brush.



## All-In-One Kit

ORDER NO.	PRICE ₹
DEMO KIT	30,500

HSS Cobalt 8% Core Drill, TCT Universal Shank Core Drill, TCT Coated Core Drill, TCT Quick-In Core Drill Ejector Pin, Twist Drill With Weldon, Tap With Weldon, Countersink With Weldon, Cutting Paste Keyless MT2 Tool Holder, Adapter 32 to 19 mm Weldon, MT 2 Standard Tool Holder, Adapter For Nitto one touch, Tap Adapter With Weldon



## Twist Drills With WELDON Shank

Ø	Working length	Order No.	PRICE ₹
6 mm	35 mm	SPS 060	850
6.8 mm	35 mm	SPS 068	850
8 mm	35 mm	SPS 080	850
8.5 mm	35 mm	SPS 085	850
10 mm	35 mm	SPS 100	850
10.2 mm	35 mm	SPS 102	1,050
12 mm	35 mm	SPS120	1,050
13 mm	35 mm	SPS 130	1,250
14 mm	35 mm	SPS 140	1,250

## Taps With WELDON Shank

Ø	Total length	DIN	Order No.	PRICE ₹
M8	90mm	DIN 371 Form B	GWB 008	1,850
M10	100 mm	DIN 376 Form B	GWB 010	1,950
M12	110 mm	DIN 376 Form B	GWB 012	1,990
M16	110 mm	DIN 376 Form B	GWB 016	1,990
M18	125 mm	DIN 376 Form B	GWB 018	2,150
M20	140 mm	DIN 376 Form B	GWB 020	2,800






## Countersunk

Ø	Shank	Order No.	PRICE ₹
20.5	Stright shank	ZSE 205	1,995
40	Weldon Shank 19 mm (3/4")	ZSE 040	6,460
50	Weldon Shank 19 mm (3/4")	ZSE 050	9,120
40	MT 3	ZSE 340	5,320
50	MT 3	ZSE 350	7,980

Now Use Twist Drills, Taps & Countersinks With Weldon Shank Directly On Your Magnetic Drilling Machines Without Any Extra Attachment Or Adapter!!

# Tapping System

TAPPING ADAPTER				THROUGH HOLE		BLIND HOLE	
 <p>Quick-change drill chucks GSW</p>				 <p>Quick-change inserts Standard GSE</p>		 <p>Quick-change inserts with safety friction clutch GSS</p>	

ORDER NO.	QUICK-CHANGE DRILL	THREAD	PRICE ₹	ORDER NO.	PRICE ₹	ORDER NO.	PRICE ₹
GSW 222	Size 2 MT 2	M5/M6 M8/M10 M10 M12 M14 M16	13,311	GSE 205	3,366	GSS 205	6,273
				GSE 208	3,366	GSS 208	6,273
				GSE 210	3,366	GSS 210	6,273
				GSE 212	3,366	GSS 212	6,273
				GSE 214	3,366	GSS 214	6,273
				GSE 216	3,366	GSS 216	6,273
GSW 331	Size 1 MT 3	M3 M4 M5/M6 M8 M10 M12 M14	9,027	GSE 103	2,448		
				GSE 104	2,448		
				GSE 105	2,448		
				GSE 108	2,448		
				GSE 110	2,448		
				GSE 112	2,448		
				GSE 114	2,448		
GSW 332	Size 2 MT 3	M5/M6 M8 M10 M12 M14 M16 M18 M20	13,617	GSE 205	3,366	GSS 205	6,273
				GSE 208	3,366	GSS 208	6,273
				GSE 210	3,366	GSS 210	6,273
				GSE 212	3,366	GSS 212	6,273
				GSE 214	3,366	GSS 214	6,273
				GSE 216	3,366	GSS 216	6,273
				GSE 218	3,366	GSS 218	6,273
				GSE 220	3,366	GSS 220	6,273
				GSE 222	3,366	GSS 222	6,273
		M22/M24					
		M22/M24					
GSW 333	Size 3 MT 3	M12 M14 M16 M18 M20 M22/24 M27 M30	26,469	GSE 314	7,803	GSS 312	14,688
				GSE 316	7,803	GSS 314	14,688
				GSE 318	7,803	GSS 316	14,688
				GSE 320	7,803	GSS 318	14,688
				GSE 322	7,803	GSS 320	14,688
				GSE 327	7,803	GSS 322	14,688
				GSE 330	7,803	GSS 327	14,688
						GSS 330	14,688
GSW 442	Size 2 MT 4	M5/M6 M8 M10 M12 M14 M16 M18 M20 M22/M24	25,551	GSE 205	3,366	GSS 205	6,273
				GSE 208	3,366	GSS 208	6,273
				GSE 210	3,366	GSS 210	6,273
				GSE 212	3,366	GSS 212	6,273
				GSE 214	3,366	GSS 214	6,273
				GSE 216	3,366	GSS 216	6,273
				GSE 218	3,366	GSS 218	6,273
				GSE 220	3,366	GSS 220	6,273
				GSE 222	3,366	GSS 222	6,273
GSW 433	Size 3 MT 4	M12 M14 M16 M18 M20 M22/24 M27 M30	28,917	GSE 314	7,803	GSS 312	14,688
				GSE 316	7,803	GSS 314	14,688
				GSE 318	7,803	GSS 316	14,688
				GSE 320	7,803	GSS 318	14,688
				GSE 322	7,803	GSS 320	14,688
				GSE 327	7,803	GSS 322	14,688
				GSE 330	7,803	GSS 327	14,688
						GSS 330	14,688
GSW 444	Size 4 MT 4	M20 M22/24 M27 M30 M33 M36 M39/42	52,785			GSS 420	27,081
						GSS 422	27,081
						GSS 427	27,081
						GSS 430	27,081
						GSS 433	27,081
						GSS 436	27,081
						GSS 442	27,081



TAP ADAPTER WITH WELDON SHANK (ECONOMICAL)		
ORDER NO.	THREAD	PRICE ₹
ZGA 010	M10 DIN 376	350
ZGA 012	M12 DIN 376	350
ZGA 014	M14 DIN 376	420
ZGA 016	M16 DIN 376	420
ZGA 018	M18 DIN 376	750
ZGA 020	M20 DIN 376	813
ZGA 022	M22 DIN 376	875
ZGA 024	M24 DIN 376	1063
ZGA 027	M27 DIN 376	1063
ZGA 030	M30 DIN 376	1063

up to ZGA 020 with 19 mm Weldon shank (3/4")  
from ZGA 022 with 32 mm Weldon shank (1 1/4")

# Clamping Devices

**VACUUM PLATE FOR CHANNELLED SURFACE**

ORDER NO.	PRICE ₹
ZAV 300	98,226

Application: Suitable for channelled and gusset plates.  
Design: High-performance vacuum pump with circular oil lubrication, Clamping plate  $\phi$  300 mm

**VACUUM PLATE FOR SMOOTH SURFACES**

ORDER NO.	PRICE ₹
ZAV 400	10,3275

Application: For smooth surfaces.  
Design: High-performance vacuum pump with circular oil lubrication, Clamping plate with two suction areas and internal drilling area.  
Size: 440 x 260 mm, long hole: 50 x 50 mm

**TUBE CLAMPING DEVICE**

ORDER NO.	PRICE ₹
ZRO 250	30,294
ZRO 500	41,157

ZRO 250: for MAB 455, 485, 525  
For tube  $\phi$ : 80 - 250 mm  
Chain length: 900 mm

ZRO 500: for MAB 825, 845, 855  
For tube  $\phi$ : 150 - 500 mm  
Chain length: 1.650 mm

**MAGNETIC PILLARS**

ORDER NO.	PRICE ₹
MBS 300	35,955

For commercially available hand drills with a collar diameter of 43 mm, stroke 180 mm

**INDUSTRIAL PILLAR**

ORDER NO.	PRICE ₹
ZBS 100	29,835

For commercially available hand drills with a collar diameter of 43 mm, stroke 180 mm. Vice and screws are not included in the delivery.

**PRISM VICE FOR MobilCLAMP**

ORDER NO.	PRICE ₹	
ZST 300	Prism vice	5,355
ZTN 100	Screw for T Slots	535
ZSM 100	Hexagon nut	122

Jaw width: 100 mm, clamping range: 100 mm

**MobilCLAMP**

ORDER NO.	PRICE ₹
ZMC 200	20,655

The new MobilCLAMP device makes it possible to drill even smaller jobs with magnetic drilling machine. This clamp converts a magnetic drilling machine into a pillar type or bench type drilling machine.

Convert your magnetic drilling machine into bench type or pillar type drilling machine with our innovative MoibCLAMP

# Drill Chucks & Accessories

## ADAPTER FOR DRILL CHUCKS



ORDER NO.	PRICE ₹
ZAP 100	<b>350</b>
Weldon shank 19 mm (3/4") to 1/2" x 20 NF	

## GEAR RIM DRILL CHUCK



ORD. NO.	CLAMP SIZE	PRICE ₹
ZBI 113	1 - 13 mm	<b>3,672</b>
ZBI 116	2.5 - 16 mm	<b>5,355</b>

## QUICK-ACTION DRILL CHUCK



ORDER NO.	CLAMP SIZE	PRICE ₹
ZSI 113	1 - 13 mm	<b>4,590</b>
ZSI 116	3 - 16 mm	<b>5,814</b>

## TAPER DRIFT FOR DRILL CHUCKS



ORDER NO.	PRICE ₹
ZKD 216 DIN 238 - MK 2/B16	<b>842</b>
ZKD 316 DIN 238 - MK 3/B16	<b>1,300</b>

## GEAR RIM DRILL CHUCK



ORD. NO.	CLAMP SIZE	PRICE ₹
ZBK 113	1 - 13 mm	<b>3,519</b>
ZBK 116	2.5 - 16 mm	<b>5,202</b>

## QUICK-ACTION DRILL CHUCK



ORDER NO.	CLAMP SIZE	PRICE ₹
ZSB 113	1 - 13 mm	<b>4,437</b>
ZSB 116	3 - 16 mm	<b>5,661</b>

## KEY FOR GEAR RIM DRILL CHUCKS



ORDER NO.	PRICE ₹
ZEZ 113	<b>306</b>
ZEZ 116	<b>352</b>

## CHIP PROTECTION



ORD. NO.	SUITABLE MACHINE	PRICE ₹
ZSS 050	MAB 100 - MAB 525	<b>1,148</b>
ZSS 500	MAB 825 - MAB 855	<b>1,377</b>

## Holder & Collet Set For MAB 825 KTS



ORDER NO.	PRICE ₹
ZSF 316 (1x MT3 holder, 15x collets Ø 3-16 mm)	<b>32,900</b>

## DRILL DRIFT DIN 228



ORDER NO.	SIZE	PRICE ₹
ZAS 002	MK 2	<b>459</b>
ZAS 003	MK 3	<b>535.50</b>

## SAFETY BELT



ORDER NO.	PRICE ₹
4000161	<b>1,456</b>

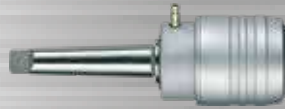
## ATTACHED COOLING TANK SET



ORDER NO.	PRICE ₹
ZKK 400	<b>1,900</b>

# Arbors & Adapters

## KEYLESS QUICK-CHANGE DRILL CHUCK SYSTEM



ORDER NO.	SPINDLE HOLDER	PRICE ₹
ZSS 200	MT 2	<b>4,800</b>
ZSS 300	MT 3	<b>5,280</b>

With automatic internal lubrication for core drills with Weldon shank 19 mm (3/4").

## INDUSTRIAL ARBOR WITH MANUAL INTERNAL LUBRICATION

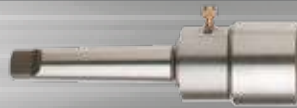


ORDER NO.	SPINDLE HOLDER	PRICE ₹
ZIA 219-M	MT 2	<b>2,364</b>
ZIA 319-M	MT 3	<b>2,640</b>
ZIA 419-M	MT 4	<b>3,600</b>

ORDER NO.	SPINDLE HOLDER	PRICE ₹
ZIA 332-M	MT 3	<b>2,400</b>
ZIA 432-M	MT 4	<b>3,600</b>

For core drills with 32 mm Weldon shank (1 1/4")

## INDUSTRIAL ARBOR WITH AUTOMATIC INTERNAL LUBRICATION



ORDER NO.	SPINDLE HOLDER	PRICE ₹
ZIA 219-KN	MT 2	<b>2,952</b>
ZIA 319-KN	MT 3	<b>3,492</b>
ZIA 419-KN	MT 4	<b>4,800</b>

ORDER NO.	SPINDLE HOLDER	PRICE ₹
ZIA 332-KN	MT 3	<b>4,080</b>
ZIA 432-KN	MT 4	<b>5,280</b>

For core drills with 32 mm Weldon shank (1 1/4") With hose and quick acting coupling

## ADAPTER FOR 19MM TO 32MM WELDON SHANK



ORDER NO.	PRICE ₹
ZAP 200	<b>1,250</b>
From 32 mm Weldon shank (1 1/4") to 19 mm Weldon shank (3/4")	

## ADAPTER FOR INTERNAL THREAD ANNULAR CUTTERS



ORDER NO.	PRICE ₹
ZAF 200	<b>1,000</b>
For fine core drills with internal thread M18 x 6 P1.5. Free 1 ejector pin ZAK125	

## ADAPTER FOR QUICK-IN TO WELDON SHANK



ORDER NO.	PRICE ₹
ZAF 003	<b>1,375</b>
For fine core drills with QUICK-IN shank. Free 1 ejector pin ZAK 115	

## EXTENSION



ORDER NO.	PRICE ₹
ZAP 300	<b>1,750</b>
80mm length extension. 19 mm Weldon shanks (3/4"). Free 1 ejector pin ZAK 080	

## ADAPTER FOR WELDON SHANK TO NITTO ONE-TOUCH



ORDER NO.	PRICE ₹
ZAF 005	<b>2,000</b>
For Nitto one-touch holder for core drills with Weldon shanks 19 mm (3/4") each. Free 1 ejector pin ZAK 107 and 125	

## ADAPTER FOR FEIN QUICK-IN



ORDER NO.	PRICE ₹
ZAF 004	<b>2,000</b>
For Quick-in holder for core drills with Weldon shanks 19 mm (3/4") each. Free 1 ejector pin ZAK 107 and 125	

## REDUCING BUSH DIN 2185

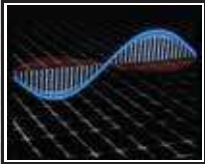


ORDER NO.	OUTSIDE	INSIDE	PRICE ₹
ZRH 210	MT 2	MT 1	<b>1,147</b>

## EXTENSION BUSH DIN 2178



ORDER NO.	OUTSIDE	INSIDE	PRICE ₹
ZVH 220	MT 2	MT 2	<b>2,295</b>
ZVH 230	MT 2	MT 3	<b>2,677.50</b>
ZVH 320	MT 3	MT 2	<b>3,136.50</b>
ZVH 330	MT 3	MT 3	<b>3,289.50</b>



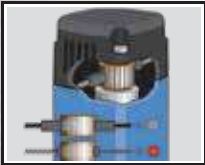
## 1. FULL WAVE CONTROL ELECTRONICS

This enables the motor performance to constantly adapt to the load when drilling i.e. the motor output watt is steady even while drilling.



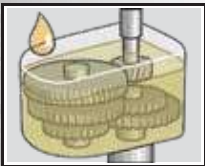
## 2. SPEED & TORQUE CONTROLS

Precise adjustment of Speed and Torque with respect to the Diameter of cutter or Taps being used.



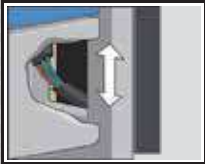
## 3. CARBON BRUSH INDICATOR

This indicator indicates when the carbon brushes are about to get worn out. Replacing carbon brush in time protects the motor from damage. Equipped in ProfiPLUS models.



## 4. OIL BATH GEARBOX

Helps in providing lubrication to all gears uniformly, unlike other competition machines which have grease gearbox with limited lubrication.



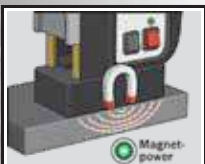
## 5. COMPLETE INTERNAL CABLING

The cable connecting the switch board with the motor are fitted internally instead of hanging outside. This prevents cables being torn-off.



## 6. SAFE SWITCHES

Safely arranged large switches are properly separated to avoid confusion while operating, thus prevents unintended actuation of motor switch.



## 7. MAGNET INDICATOR

Indicates the operator whether the machine's electromagnet is completely clamped on the material or not.



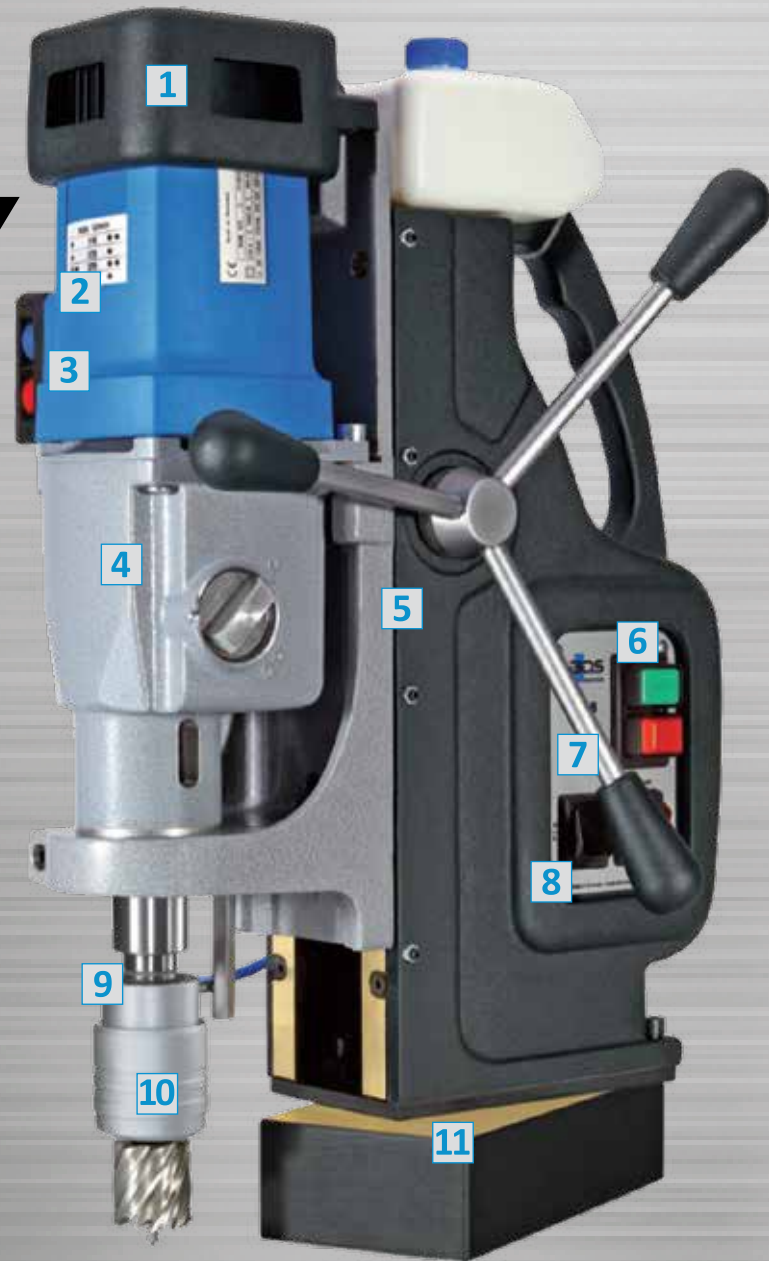
## 8. REVERSIBLE MOTOR

The ProfiPLUS models are equipped with reversible motor to perform easy and fast thread cutting operations.



## 9. INTERNAL LUBRICATION

The automatic internal lubrication helps the lubricant to flow inside the annular cutter where it is exactly needed. Hence increasing the tool life.



## 10. KEYLESS DRILL CHUCK

The ProfiPLUS and ProfiSTART models are provided with keyless drill chuck for quick, easy and fast change of tools.



## 11. SWIVEL BASE

Now more than four machines are equipped with swivel base adjustment system which helps in positioning the drill even under magnetic condition. A relief, especially for overhead or horizontal drilling.



## 12. SINGLE PHASE MACHINES

All BDS magnetic drilling machines run on Single Phase power supply. Hence saving energy and cost.



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