

# The Range of BDS Fully Ground Core Drills. Professional Quality for Professional Tasks.



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



**HSS-Co 8 series**

Article No.	KBK-CO	KBL-CO
Cutting depth	30 mm	55 mm
Drilling diameter	12 – 130 mm	12 – 100 mm

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**

Article No.	KBK-VP	KBL-VP
Cutting depth	30 mm	55 mm
Drilling diameter	12 – 60 mm	12 – 60 mm

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



**HSS-Standard series**

Article No.	KBK	KBL	KEL	KBK-Z
Cutting depth	30 mm	55 mm	110 mm	30 mm
Drilling diameter	12 – 60 mm	12 – 60 mm	20 – 50 mm	1/2" - 2 1/16"

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



**Carbide series**

Article No.	HKK	HKL	HXX-L	HKE-L
Cutting depth	30 mm	55 mm	75 mm	110 mm
Drilling diameter	12 – 150 mm	12 – 100 mm	18 – 120 mm	20 – 120 mm

Carbide-tipped core drills with carbide coating.



**Carbide-PLUS series**

Article No.	HKK-P
Cutting depth	30 mm
Drilling diameter	12 – 60 mm

Carbide-tipped core drills for rail core drilling machines.



**Carbide-RAIL series**

Article No.	HKK-R
Cutting depth	30 mm
Drilling diameter	17 – 36 mm

Core drills made from HSS tool steel or carbide-tipped. Suitable for Quick-In arbor systems.



**Quick-In series**

Article No.	KBK-CO 8 F	HKK-F
Cutting depth	35 mm	35 mm
Drilling diameter	12 – 60 mm	12 – 60 mm

**Calculate Cutting Speed (RPM) on Mobile!**

Download on the App Store  
Download from Google Play

## PREMIUM QUALITY PRODUCTS



### How-To Videos

Scan the QR code to learn more about how to use magnetic drilling machines, annular cutters and taps.  
[www.bds-machines.com/videos](http://www.bds-machines.com/videos)



### Corporate Videos

Scan the QR code to watch our production facility in Germany and learn more about our manufacturing process and products.  
[www.bds-machines.com/videos](http://www.bds-machines.com/videos)



### Social Media & Apps

Scan the QR code to download our smart Apps for calculating cutting speed, automatic finder for magnetic drilling machine & core drills, automatic finder for tapping accessories, blogs, etc.  
[www.bds-machines.com/mobile-app](http://www.bds-machines.com/mobile-app)

Our Authorized Dealer:

## Premium Accessories for Drilling & Tapping



Name	BDS 5000	BDS 6000	BDS 5500	BDS 7500	BDS 5200
Article No.	ZHS 005 & ZHS 006	ZHB 001	ZHS 550	ZHS 570	ZHS 400
Description	High performance cutting oil for HSS & TCT core drills	Cooling lubricant concentrate for TCT core drills	High performance cutting paste for drilling & tapping	High tech portable cutting paste tube for core drills & taps	Innovative lubrication spray for core drills while drilling overhead/horizontal



Name	PowerWORKER	PowerCLEANER
Article No.	POW 100	POW 200
Description	Magnetic stick for cleaning metal particles from the workplace	Cleaning & safety tool with brush and hook two-in-one system



Name	Magnetic drill stand	Industrial drill stand	MobilCLAMP
Article No.	MBS 300.2	ZBS 100.2	ZMC 200
Description	For hand drilling machine	For hand drilling machine	For converting a magnetic drilling machine into a pillar drilling machine



Name	Weldon adapter	Morse Taper adapter	Chip protector
Article No.	ZAP 100	ZKD	ZSS 050/ZSS 500
Description	For drill chuck	For drill chuck	For magnetic drilling machines



Name	Quick change drill chuck	Standard tapping inserts	Safety friction clutch equipped tapping insert	Economical tap adapter
Article No.	GSW	GSE	GSS	ZGA
Description	For tapping inserts	For through holes only	For blind & through holes	With Weldon shank holes



Name	KEYLESS quick-change drill chuck	Industrial arbor	Industrial arbor
Article No.	ZSS	ZIA-M	ZIA-KN
Description	For Weldon shank tools	With manual internal lubrication. For Weldon shank tools	With automatic internal lubrication. For Weldon shank tools



Name	Twist drill bits	Machine taps	Three fluted countersink
Article No.	SPS	GWB	ZSE
Description	With Weldon shank. No adapter required. Sizes from ø 6 – 14 mm	With Weldon shank. No adapter required. Sizes from ø M8 – M20	With Weldon shank/Straight shank/Morse taper 3



Name	Pipe clamping system	Vacuum plate system
Article No.	ZRO	ZAV
Description	For drilling tubes/pipes with magnetic drilling machine	For drilling non-magnetic material with magnetic drilling machine



BDS Maschinen GmbH  
Martinstraße 108  
41063 Mönchengladbach · Germany  
Telephone +49 (0)2161/3546-18  
Fax +49 (0)2161/3546-15  
Web [www.bds-machines.com](http://www.bds-machines.com)  
E-Mail [export@bds-maschinen.de](mailto:export@bds-maschinen.de)



Subject to technical changes. Reproduction, including in extract form, only permitted with written consent of BDS Maschinen GmbH, Mönchengladbach. Errors and misprints excepted. Printed in Germany. LEPO-ENV1

## MADE IN GERMANY

## SIMPLY BETTER DRILLING



## MAGNETIC DRILLING MACHINES ANNULAR CUTTERS & ACCESSORIES

EN  
LEPO-ENV1



BDS MASCHINEN  
MADE IN GERMANY

# Worlds' Widest Range of Magnetic Core Drilling Machines. Made in Germany.



Model	MAB 485	MAB 525	MAB 825	MAB 1300
	MAB 485 Swivel Base	MAB 525 Swivel Base	MAB 845 Swivel Base	MAB 1300

	Ø40/50 mm HSS/TCT Core drill	55 mm Length		Ø50/60 mm HSS/TCT Core drill	75 mm Length		Ø100 mm HSS/TCT Core drill	110 mm Length		Ø130 mm HSS/TCT Core drill	110 mm Length
	1,150 W Motor output	160 mm Stroke		1,600 W Motor output	160 mm Stroke		1,800 W Motor output	255 mm Stroke		2,300 W Motor output	85/310 mm Stroke
	MT 2 Spindle taper	13 kg Weight		MT 3 Spindle taper	16 kg Weight		MT 3 Spindle taper	25 kg Weight		MT 4 Spindle taper	51 kg Weight
	M16 Thread cutting	Ø 18 mm Twist drill		M20 Thread cutting	Ø 20 mm Twist drill		M30 Thread cutting	Ø 31.75 mm Twist drill		M42 Thread cutting	Ø 45 mm Twist drill
	Ø 18 mm Reaming	Ø 40 mm Countersink		Ø 20 mm Reaming	Ø 50 mm Countersink		Ø 31.75 mm Reaming	Ø 50 mm Countersink		Ø 50 mm Reaming	Ø 80 mm Countersink
	Keyless arbor	Keyless arbor									
	Full wave control electronics	Full wave control electronics		Full wave control electronics	Full wave control electronics		Full wave control electronics	Full wave control electronics		Full wave control electronics	Full wave control electronics
	Magnet indicator	Magnet indicator									
	Overheating protection	Overheating protection									
	Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation									
	Carbon brush wear indicator	Carbon brush wear indicator		Carbon brush wear indicator	Carbon brush wear indicator		Carbon brush wear indicator	Carbon brush wear indicator		Carbon brush wear indicator	Carbon brush wear indicator
	Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control
	Safety clutch	Safety clutch									

Video & Docs				
	MAB 485SB	MAB 525SB	MAB 845SB	MAB 1300



Model	MAB 100 K	MAB 455	MAB 465
	MAB 100 K	MAB 455 Swivel Base	MAB 465

	Ø32/35 mm HSS/TCT Core drill	55 mm Length		Ø40/50 mm HSS/TCT Core drill	55 mm Length		Ø40/50 mm HSS/TCT Core drill	55 mm Length
	1,050 W Motor output	70 mm Stroke		1,150 W Motor output	160 mm Stroke		1,150 W Motor output	160 mm Stroke
	Direct arbor 19 mm Weldon	9.9 kg Weight		MT 2 Spindle taper	13 kg Weight		Direct arbor 19 mm Weldon	13 kg Weight
				Ø 18 mm Twist drill			M16 Thread cutting	Ø 16 mm Twist drill
								Ø 40 mm Countersink
	Keyless arbor	Keyless arbor		Direct arbor	Direct arbor		Direct arbor	Direct arbor
	Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator
				Overheating protection	Overheating protection		Overheating protection	Overheating protection
				Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation		Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation
				Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control

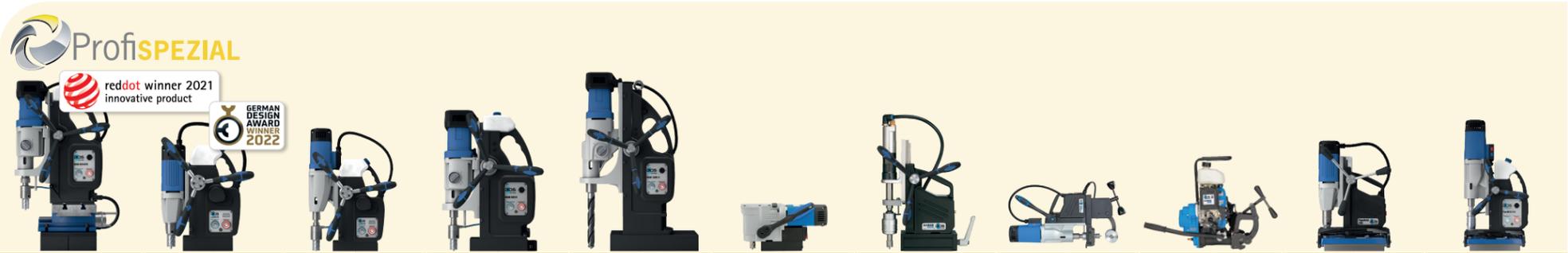
Video & Docs			
	MAB 100K	MAB 455SB	MAB 465



Model	MABasic 200	MABasic 400	MABasic 450	MABasic 850
-------	-------------	-------------	-------------	-------------

	Ø32/35 mm HSS/TCT Core drill	55 mm Length		Ø35/40 mm HSS/TCT Core drill	55 mm Length		Ø40/50 mm HSS/TCT Core drill	55 mm Length		Ø75/80 mm HSS/TCT Core drill	110 mm Length
	1,050 W Motor output	160 mm Stroke		1,050 W Motor output	160 mm Stroke		1,150 W Motor output	160 mm Stroke		1,800 W Motor output	255 mm Stroke
	Direct arbor 19 mm Weldon	12 kg Weight		Direct arbor 19 mm Weldon	12 kg Weight		MT 2 Spindle taper	13 kg Weight		MT 3 Spindle taper	24 kg Weight
	Ø 13 mm Twist drill	Ø 16 mm Twist drill		Ø 18 mm Twist drill	Ø 18 mm Twist drill					Ø 31.75 mm Twist drill	
	Direct arbor	Direct arbor		Industrial arbor	Industrial arbor		Industrial arbor	Industrial arbor		Industrial arbor	Industrial arbor
	Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator
				Overheating protection	Overheating protection		Overheating protection	Overheating protection		Overheating protection	Overheating protection
				Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation		Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation		Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation
				Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control

Video & Docs					
	MABasic 200	MABasic 400	MABasic 450	MABasic 850	



Model	MAB 825 KTS	AutoMAB 350	AutoMAB 450	MAB 825 V	MAB 1300 V	MAB 155	AirMAB 5000	RailMAB 915	RailMAB 965	PipeMAB 200	PipeMAB 525
	MAB 825 KTS Drilling & Milling with Cross Table	AutoMAB 350 Fully Automatic	AutoMAB 450 Fully Automatic	MAB 825 V MAB 845 V Variable Automatic	MAB 1300 V Variable Automatic	MAB 155 Horizontal Low Profile	AirMAB 5000 Pneumatic Feed Permanent Magnet	RailMAB 915 Electric Powered Rail Drilling	RailMAB 965 Petrol Powered Rail Drilling	PipeMAB 200 Pipe/Tube Drilling	PipeMAB 525 Pipe/Tube Drilling & Tapping

	Ø 80 mm HSS/TCT Core drill	55 mm Length		Ø 35 mm HSS/TCT Core drill	55 mm Length		Ø 45 mm HSS/TCT Core drill	55 mm Length		Ø 100 mm HSS/TCT Core drill	110 mm Length		Ø 130 mm HSS/TCT Core drill	110 mm Length		Ø 35 mm HSS/TCT Core drill	30 mm Length		Ø 35 mm HSS/TCT Core drill	55 mm Length		Ø 36 mm HSS/TCT Core drill	55 mm Length		Ø 36 mm HSS/TCT Core drill	30 mm Length		Ø 35 mm HSS/TCT Core drill	55 mm Length		Ø 50 mm HSS/TCT Core drill	55 mm Length			
	1,800 W Motor output	255 mm Stroke		1,050 W Motor output	160 mm Stroke		1,150 W Motor output	150 mm Stroke		1,800 W Motor output	255 mm Stroke		2,300 W Motor output	310 mm Stroke		1,050 W Motor output	39 mm Stroke		830 W Motor output	160 mm Stroke		1,600 W Motor output	160 mm Stroke		1,500 W Motor output	40 mm Stroke		1,050 W Motor output	160 mm Stroke		1,600 W Motor output	160 mm Stroke			
	MT 3 Spindle taper	57.5 kg Weight		Direct arbor 19 mm Weldon	15 kg Weight		MT 2 Spindle taper	16 kg Weight		MT 3 Spindle taper	34 kg Weight		MT 4 Spindle taper	51 kg Weight		Direct arbor 19 mm Weldon	11 kg Weight		MT 2 Spindle taper	17.5 kg Weight		MT 3 Spindle taper	17 kg Weight		Direct arbor 19 mm Weldon	21.5 kg Weight		Direct arbor 19 mm Weldon	16 kg Weight		MT 3 Spindle taper	19.5 kg Weight			
	M30 Thread cutting	Ø 31.75 mm Twist drill					M30 Thread cutting	Ø 31.75 mm Twist drill		M30 Thread cutting	Ø 31.75 mm Twist drill		M42 Thread cutting	Ø 45 mm Twist drill					Ø 23 mm Twist drill		Ø 20 mm Twist drill		Ø 20 mm Twist drill		Ø 20 mm Twist drill		Ø 13 mm Twist drill		M20 Thread cutting	Ø 20 mm Twist drill					
	Ø 31.75 mm Reaming	Ø 50 mm Countersink					Ø 31.75 mm Reaming	Ø 50 mm Countersink		Ø 31.75 mm Reaming	Ø 50 mm Countersink		Ø 50 mm Reaming	Ø 80 mm Countersink																					
	Industrial arbor	Industrial arbor		Direct arbor	Direct arbor		Industrial arbor	Industrial arbor		Industrial arbor	Industrial arbor		Industrial arbor	Industrial arbor		Direct arbor		Keyless arbor		Industrial arbor		Direct arbor		Direct arbor		Direct arbor		Direct arbor		Direct arbor		Industrial arbor		Industrial arbor	
	Full wave control electronics	Full wave control electronics					Full wave control electronics	Full wave control electronics		Full wave control electronics	Full wave control electronics		Full wave control electronics	Full wave control electronics					Full wave control electronics																
	Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator		Magnet indicator	Magnet indicator					Magnet indicator																
	Overheating protection	Overheating protection					Overheating protection	Overheating protection		Overheating protection	Overheating protection		Overheating protection	Overheating protection					Overheating protection																
	Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation					Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation		Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation		Clockwise/anti-clockwise rotation	Clockwise/anti-clockwise rotation					Clockwise/anti-clockwise rotation																
	Carbon brush wear indicator	Carbon brush wear indicator					Carbon brush wear indicator	Carbon brush wear indicator		Carbon brush wear indicator	Carbon brush wear indicator		Carbon brush wear indicator	Carbon brush wear indicator					Carbon brush wear indicator																
	Variable Speed & Torque control	Variable Speed & Torque control					Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control		Variable Speed & Torque control	Variable Speed & Torque control					Variable Speed & Torque control																
	Safety clutch	Safety clutch					Safety clutch	Safety clutch		Safety clutch	Safety clutch		Safety clutch	Safety clutch					Safety clutch																

Video & Docs																																			
	MAB 825KTS	AutoMAB 350	AutoMAB 450	MAB 825V/845V	MAB 1300V	MAB 155	AirMAB 5000	RailMAB 915	RailMAB 965	PipeMAB 200	PipeMAB 525																								