Drill stands and clamping devices

Magnetic drill stand for conventional twist drilling machines and MobilCLAMP for magnetic drilling machines.

EXPAND THE POSSIBILITIES OFFERED





Magnetic drill stand for manual drilling machines

With this practical magnetic drill stand, you can turn your manual drilling machine into a magnetic drilling machine.

The magnetic drill stand is suitable for commercially available manual drilling machines with 43 mm collar diameter.

The powerful magnet therefore allows safe work on a horizontal plane or overhead work (a safety lashing strap must also be used for these applications). The slide has a working stroke of 180 mm.

Magnetic drill stand

Order no.

MBS 300

For commercially available manual drilling machines with 43 mm collar diameter, Stroke 180 mm



Industrial drill stand

Industrial drill stand for manual drilling machines

Industrial drill stand for commercially available manual drilling machines with a 43 mm collar

Safe and stable thanks to cast base plate and slide with a working stroke of 180 mm.

Optional with drilling machine vice, 100 mm jaw width. Screws for T slots are also available for retention.

Industrial drill stand

ORDER NO.

ZBS 100.2

ZST 300 Prism vice

Screw for T slots

ZSM 100 Hexagon nut

Jaw width: 100 mm, Clamping range: 100 mm.

Vice and screws are not included in the scope of delivery.



MobilCLAMP - mobile work with magnetic core drilling machines

MobilCLAMP for magnetic core drilling machines



The MobilCLAMP mobile clamping device has allowed the scope of application of a magnetic core drilling machine to be extended to the assembly line and workshop. To this end, the magnetic core drilling machine is placed on the supporting surface and switched

on. Components can be securely clamped in the prism vice, and without having to expend a lot of effort you immediately have a flexible bench drilling machine.

MobilCLAMP

ORDER NO.

ZMC 200



Adapters, drill chucks and accessories

For 19 mm direct arbor and morse taper MT 2 or MT 3.

Direct arbor

19 mm Weldon (3/4")



1. Connect adapter to drill chuck.



2. Insert drill chuck into the direct arbor.





3. Ready for use for twist drills.



Adapter for drill chucks
ORDER NO.
ZAP 100
Weldon shank 19 mm ($3/4$ ") to $1/2$ " x 20 NF



Gear rim drill chuck		
ORDER NO.	INTERNAL THREAD	CLAMPING SIZE
ZBI 113	½" x 20 NF	1-13 mm
ZBI 116	½" x 20 NF	2.5-16 mm



Quick-action drill chuck		
ORDER NO.	INTERNAL THREAD	CLAMPING SIZE
ZSI 113	½" x 20 NF	1-13 mm
ZSI 116	½" x 20 NF	3-16 mm

Spindle taper MT2 or MT3



1. Connect taper drift to drill chuck.



2. Insert drill chuck in MT arbor.





3. Ready for use for twist drills.



Adapter for drill chucks ORDER NO. ZKD 216 DIN 238 - MT 2/B16 ZKD 316 DIN 238 - MT 3/B16



Gear rim drill chuck		
ORDER NO.	INTERNAL THREAD	CLAMPING SIZE
ZBK 113	DIN 238-B16	1-13 mm
ZBK 116	DIN 238-B16	2.5-16 mm



Quick-action drill chuck		
ORDER NO.	INTERNAL THREAD	CLAMPING SIZE
ZSB 113	DIN 238-B16	1-13 mm
ZSB 116	DIN 238-B16	3 - 16 mm



ft DIN 228	
SIZE	DIN STANDARD
MT 2	DIN 228
MT 3	DIN 228
	MT 2

ZAS 003	MT 3	DIN 228	
Safety lash	ing strap		
ORDER NO.			

40 0016 1



Key for gear rim drill chuck	
ORDER NO.	
ZEZ 113	
ZEZ 116	

Key for gear rim drill chuck
ORDER NO.
ZEZ 113
ZEZ 116

Pump bottle		
ORDER NO.		
ZKP 100		



Chip prote	ction
ORDER NO.	MACHINE
ZSS 050	MAB 100 - MAB 525
ZSS 500	MAB 825 – MAB 855



Carry case

For magnetic core drilling machines.

EXTREMELY ROBUST

YET LIGHTWEIGHT

- ► Portable low weight coupled with high stability.
- ► Firmly locked secure, large mechanical locks.
- ► Rolling instead of carrying ABS wheels and telescopic handle.



ORDER NO. SUITABLE FOR ZHK 100 MAB 100K - MAB 155 ZHK 350 AutoMAB 350, AutoMAB 450 ZHK 400 MAB 455, MAB 465, MAB 485, MAB 525 incl. SB series ZHK 800 MABasic 850 Application: Carry case for BDS magnetic core drilling machines. Design: Sturdy hard shell case with handle and secure locks. With foam insert. No content.	Hard-top ca	se
ZHK 350 AutoMAB 350, AutoMAB 450 ZHK 400 MAB 455, MAB 465, MAB 485, MAB 525 incl. SB series ZHK 800 MABasic 850 Application: Carry case for BDS magnetic core drilling machines. Design: Sturdy hard shell case with handle and secure locks.	ORDER NO.	SUITABLE FOR
ZHK 400 MAB 455, MAB 465, MAB 485, MAB 525 incl. SB series ZHK 800 MABasic 850 Application: Carry case for BDS magnetic core drilling machines. Design: Sturdy hard shell case with handle and secure locks.	ZHK 100	MAB 100K - MAB 155
ZHK 800 MABasic 850 Application: Carry case for BDS magnetic core drilling machines. Design: Sturdy hard shell case with handle and secure locks.	ZHK 350	AutoMAB 350, AutoMAB 450
Application: Carry case for BDS magnetic core drilling machines. Design: Sturdy hard shell case with handle and secure locks.	ZHK 400	MAB 455, MAB 465, MAB 485, MAB 525 incl. SB series
Design: Sturdy hard shell case with handle and secure locks.	ZHK 800 MABasic 850	
	Application	: Carry case for BDS magnetic core drilling machines.
With foam insert. No content.	Design:	Sturdy hard shell case with handle and secure locks.
		With foam insert. No content.



Carry case	
ORDER NO.	SUITABLE FOR
7DK 200	MAPagia 200, 400, 450



Carry case on wheels					
ORDER NO.	SUITABLE FOR				
ZHK 825	MAB 825, MAB 845				
Application: Carry case on wheels for BDS magnetic core drilling machines.					
Design:	Sturdy transport case on wheels with handle and secure locks. No content.				



Carry case	on wheels
ORDER NO.	SUITABLE FOR
ZHK 1300	MAB 1300
ZHK 1500	MAB 825 V/845 V/1300 V,
	MAB 825 KTS
Application	: Carry case on wheels for BDS magnetic core drilling machines
Design:	Sturdy transport case on wheels with handle and secure locks.

No content.



BDS carry case for MAB 825/845. Machine not included in delivery!



Quick-change drill chucks and inserts for threads from M6 to M42

Magnetic core drilling machines of the ProfiPLUS category are ideal for thread cutting.

The basic requirements for this are: Clockwise/anticlockwise rotation, solid shaft control electronics and high motor output.

Quick-change drill chucks Sizes MT 2, MT 3 and MT 4

The large stroke range of the BDS magnet core drilling machines combined with the quick-change drill chuck allows quick and efficient working without having to realign and centre after changing tools. The quick-change drill chuck is designed for universal use when using quick-change inserts with and without a safety friction clutch.



Version 1: Quick-change inserts with safety friction clutch

Thread from M6 to M42 -

BDS inserts with a safety friction clutch allow precise cutting of through-hole and blind-hole threads.

The safety friction clutch prevents the machine screw tap hitting the floor of the drill hole and shearing.

Version 2:

Standard quick-change inserts

 $\label{thm:composition} \textbf{Threads from M6 to M30} - \text{BDS} \text{ inserts for machine screw taps} \\ \text{are suitable for accommodating machine screw taps for through-hole threads.} \\$



Which machine, which thread?

Assignment of possible thread diameter to size of quick-change base holders and inserts.

PRECISION WITH BDS SYSTEM ACCESSORIES

Thread cutting systems

GSW quick-change drill chucks:

In MT 2, MT 3 and MT 4 versions. To accommodate GSE or GSS quick-change inserts

GSW 222 size 2 MT 2

GSW 331 size 1 MT 3 $\,$

GSW 332 size 2 MT 3 $\,$

GSW 333 size 3 MT 3

GSW 442 size 2 MT 4

GSW 443 size 3 MT 4

GSW 444 size 4 MT 4



GSE standard quick-change insert
Sizes 1, 2, 3



GSS quick-change insert with safety friction clutch sizes 2, 3, 4

ORDER NO.
GSW 222 quick-change drill chuck
GSW 331 quick-change drill chuck
GSW 332 quick-change drill chuck
GSW 333 quick-change drill chuck
GSW 442 quick-change drill chuck
GSW 443 quick-change drill chuck
GSW 444 quick-change drill chuck
GSE 103 - GSE 114 per unit
GSE 205 - GSE 222 per unit
GSE 314 - GSE 330 per unit
GSS 205 - GSS 222 per unit
GSS 312 - GSS 330 per unit

GSS 420 - GSS 442 per unit



Machine screw tap adapter with Weldon shank				
ORDER NO.	THREAD	SHANK Ø	SQUARE	
ZGA 010	M10 DIN 376	7	5.5	
ZGA 012	M12 DIN 376	9	7	
ZGA 014	M14 DIN 376	11	9	
ZGA 016	M16 DIN 376	12	9	
ZGA 018	M18 DIN 376	14	11	
ZGA 020	M20 DIN 376	16	12	
ZGA 022	M22 DIN 376	18	14.5	
ZGA 024	M24 DIN 376	18	14.5	
ZGA 027	M27 DIN 376	20	16	
ZGA 030	M30 DIN 376	22	18	

Up to ZGA 020 with 19 mm Weldon shank (3/4")

From ZGA 022 with 32 mm Weldon shank (1 1/2")

Machine screw tap adapters – making an affordable start

The machine screw tap is accommodated directly in the 19 mm or 32 mm Weldon system with an adapter. Only suitable for throughhole threads!





THREAD CUTTING SYSTEMS





13	100 E	19				0:1.1	100	Quick-cha		
	No.	14.00	14 20	Quick-change drill chucks GSW		Quick-chang Standard GS	Quick-change inserts		with safety friction clutch GSS	
IAB 1300	MAB 825	MAB 485	MAB 525	Order No. Quick-change drill chuck	Thread	Order No.	ø x square		ø x square	
/ ID 1000	MAB 845	MAB 485 SB	MAB 525 SB	order No. Quiek enange arm endek	Tilleda	order 110.	b x square	01401110.	b x square	
				GSW 222 Size 2 MT 2	M5/M6	GSE 205	6 / 4.9	GSS 205	6 / 4.9	
					M6			GSS 206	4.5 / 3.4	
					M8	GSE 208	8 / 6.2	GSS 208	8 / 6.2	
					M8			GSS 205	6 / 4.9	
					M10	GSE 210-DIN	,	000 010	7 / 5 5	
					M10	GSE 210	7 / 5.5	GSS 210 GSS 212	7 / 5.5 9 / 7.0	
					M12 M14	GSE 212 GSE 214	9 / 7.0 11 / 9.0	GSS 212 GSS 214	11 / 9.0	
					M16	GSE 216	12 / 9.0	GSS 214	12 / 9.0	
					20	402 210	12 / 0.0	000 210	12 / 010	
				GSW 331 Size 1 MT 3	M4	GSE 104	4.5 / 3.4			
					M5/M6	GSE 105	6 / 4.9			
					M8	GSE 108	8 / 6.2			
					M10	GSE 110	10 / 8.0			
					M12	GSE 112	9 / 7.0			
					M14	GSE 114	11 / 9.0			
				OCW 220 C: 0 MT 2	NAT (NAC	005 005	6 / 4 0	000 005	C / 4 O	
				GSW 332 Size 2 MT 3	M5/M6	GSE 205	6 / 4.9	GSS 205	6 / 4.9	
					M6			GSS 206	4.5 / 3.4	
					M8	GSE 208	8 / 6.2	GSS 208	8 / 6.2	
					M8		0, 0.2	GSS 205	6 / 4.9	
					M10	GSE 210.1	10 / 8		- /	
					M10	GSE 210	7 / 5.5	GSS 210	7 / 5.5	
					M12	GSE 212	9 / 7.0	GSS 212	9 / 7.0	
					M14	GSE 214	11 / 9	GSS 214	11 / 9	
					M16	GSE 216	12 / 9	GSS 216	12 / 9	
					M18	GSE 218	14 / 11	GSS 218	14 / 11	
					M20	GSE 220	16 / 12	GSS 220	16 / 12	
				not suitable for MAB 525	M22/M24	GSE 222	18 / 14.5	GSS 222	18 / 14.5	
				CCW 222 Cinc 2 MT 2	M10			GSS 312	0 / 70	
				GSW 333 Size 3 MT 3	M12 M14	GSE 314	11 /0	GSS 312 GSS 314	9 / 7.0 11/ 9	
					M16	GSE 314 GSE 316	11 /9 12 / 9	GSS 314 GSS 316	12 / 9	
					M18	GSE 318	14 / 11	GSS 318	14 / 11	
					M20	GSE 320	16 / 12	GSS 320	16 / 12	
					0	002 020		000 020		
		i			M22/M24	GSE 322	18 / 14.5	GSS 322	18 / 14.5	
					M27	GSE 327	20 / 16	GSS 327	20 / 16	
					M30	GSE 330	22 / 18	GSS 330	22 / 18	
	<u> </u>			GSW 442 Size 2 MT 4	M5/M6	GSE 205	6 / 4.9	GSS 205	6 / 4.9	
	<u> </u>			GSW 442 Size 2 MT 4		GSE 205	6 / 4.9			
				GSW 442 Size 2 MT 4	M6			GSS 206	4.5 / 3.4	
				GSW 442 Size 2 MT 4	M6 M8	GSE 205 GSE 208	6 / 4.9 8 / 6.2	GSS 206 GSS 208	4.5 / 3.4 8 / 6.2	
				GSW 442 Size 2 MT 4	M6 M8 M8	GSE 208	8 / 6.2	GSS 206	4.5 / 3.4	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10	GSE 208 GSE 210-DIN	8 / 6.2 371 10 / 8.0	GSS 206 GSS 208 GSS 205	4.5 / 3.4 8 / 6.2 6 / 4.9	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10 M10	GSE 208 GSE 210-DIN GSE 210	8 / 6.2 371 10 / 8.0 7 / 5.5	GSS 206 GSS 208 GSS 205 GSS 210	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10	GSE 208 GSE 210-DIN GSE 210 GSE 212	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10 M10 M12	GSE 208 GSE 210-DIN GSE 210	8 / 6.2 371 10 / 8.0 7 / 5.5	GSS 206 GSS 208 GSS 205 GSS 210	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10 M10 M12 M14	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11/ 9	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11/ 9	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10 M10 M12 M14 M16	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11/9 12 / 9 14 / 11	
				GSW 442 Size 2 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	
				GSW 442 Size 2 MT 4 GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 312	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 212 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 312 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 322	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 212 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5	
				GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18	
					M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330 GSS 420	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18	
				GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 312 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330 GSS 420 GSS 422	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18 16 / 12 18 / 14.5	
				GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330 GSS 420	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18 16 / 12 18 / 14.5 20 / 16	
				GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30 M20 M22/24	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 214 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330 GSS 420 GSS 422 GSS 427	8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18	
				GSW 443 Size 3 MT 4	M6 M8 M8 M10 M10 M12 M14 M16 M18 M20 M22/24 M12 M14 M16 M18 M20 M22/24 M27 M30	GSE 208 GSE 210-DIN GSE 210 GSE 212 GSE 214 GSE 216 GSE 218 GSE 220 GSE 222 GSE 314 GSE 316 GSE 318 GSE 320 GSE 322 GSE 327	8 / 6.2 371 10 / 8.0 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16	GSS 206 GSS 208 GSS 205 GSS 210 GSS 212 GSS 214 GSS 216 GSS 218 GSS 220 GSS 222 GSS 312 GSS 314 GSS 316 GSS 318 GSS 320 GSS 322 GSS 327 GSS 330 GSS 420 GSS 422 GSS 427 GSS 430	4.5 / 3.4 8 / 6.2 6 / 4.9 7 / 5.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 9 / 7.0 11 / 9 12 / 9 14 / 11 16 / 12 18 / 14.5 20 / 16 22 / 18 16 / 12 18 / 14.5	

Arbors for BDS core drills

Three systems are available - they allow a friction-type, convenient and secure connection between the core drill and the magnetic core drilling machine.

ACCOMMODATING OF EVERY DRILL

Arbors for BDS core drills with 19 mm (3/4") Weldon shank



Arbors for BDS core drills with 19 mm ($^3/_4$ ") and 32 mm ($^1/_4$ ") Weldon shank



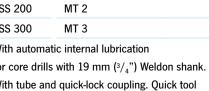
Arbors for BDS core drills with 19 mm ($^3/_4$ ") and 32 mm ($^1/_4$ ") Weldon shank



KEYLESS quick-change drilling system

ODDED NO SDINDLE VDBOD

OKDEK NO.	SPINDLE ARDUR		
ZSS 200	MT 2		
ZSS 300	MT 3		
With automat	ic internal lubrication		
for core drills	with 19 mm ($^{3}/_{4}$ ") Weldon shank.		
With tube and quick-lock coupling. Quick tool			
change withou	ut wrench.		





ORDER NO.	SPINDLE ARBOR			
For core drills with 19 mm (3/4") Weldon shank				
ZIA 219-M	MT 2			
ZIA 319-M	MT 3			
ZIA 419-M	MT 4			
For core drills with				
32 mm (1 $^{1}/_{4}$ ") Weldon shank				
ZIA 332-M	MT 3			
ZIA 432-M	MT 4			



ORDER NO. **SPINDLE ARBOR** For core drills with 19 mm (3/4") Weldon shank **ZIA 219-KN** ZIA 319-KN MT 3 **ZIA 419-KN** MT 4 For core drills with 32 mm (1 $\frac{1}{4}$ ") Weldon shank With tube and quick-lock coupling. **ZIA 332-KN** MT 3 ZIA 432-KN MT 4



Reducing bush DIN 2185			
ORDER NO.	EXTERNAL	INTERNAL	
ZRH 210	MT 2	MT 1	
ZRH 320	MT 3	MT 2	
ZRH 430	MT 4	MT 3	



Extension sleeve DIN 2178				
EXTERNAL	INTERNAL			
MT 2	MT 2			
MT 2	MT 3			
MT 3	MT 2			
MT 3	MT 3			
	EXTERNAL MT 2 MT 2 MT 3			

Adapters with Weldon shank

With the relevant adapters, BDS core drills with a Weldon shank are compatible with commercially available machines and arbor systems.

WE ARE OPEN TO ALL SYSTEMS

32 mm $(1 \frac{1}{4})$ 19 mm $(\frac{3}{4})$











19 mm (³/₄")





19 mm $(^{3}/_{4}")$





Adapters for Nitto One-Touch





Adapters for Fine QUICK-IN





Adapter ORDER NO. **ZAP 200**

From 32 mm $(1 \frac{1}{4})$ Weldon shank To 19 mm (3/4")

Weldon shaft

Adapter ORDER NO. ZAF 002 For fine core drills with M18 x 6 P1.5 female thread incl. 1 ZAK 125

ejector pin

Adapter

ORDER NO.

ZAF 003

For fine core drills with QUICK-IN shank incl. 1 ZAK 115 ejector pin

Extension ORDER NO.

ZAP 300 80 mm, 19 mm

Weldon shank (3/4"), incl. 1 ZAK 080 ejector pin

Adapter

ORDER NO.

ZAF 005

With Nitto One-Touch arbor for core drill with 19 mm (3/4") Weldon shank incl. 1 each of ZAK 107 and 125 ejector pin

Adapter

ORDER NO.

ZAF 004

With Quick-In One-Touch arbor for core drill with 19 mm (3/4") Weldon shank incl. 1 each of ZAK 107 and 125 ejector pin

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PowerCLEANER starter kit

Save money with the BDS starter kit at the bargain price!

Start with the right basic equipment for every magnetic core drilling machine. In a pack at a particularly good price.

- ➤ 5 short core drills in the most common diameters: 14 mm, 18 mm and 22 mm.
- \blacktriangleright 1 litre of BDS 5000 high-performance cutting oil.
- ► And a BDS PowerWORKER or BDS PowerCLEANER.





PowerWORKER

Cleans up all magnetic drilling chips. The indispensable helpmate for every workshop.



PowerWORKER starter kit



BDS PowerWORKER starter kit

1 standard core drill box with

1 BDS PowerWORKER POW100

2 KBK - Ø 14 mm 2 KBK - Ø 18 mm 1 KBK - Ø 22 mm

ORDER NO. ZST 100 **Contents:**

Accessories and consumables

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High-performance cutting oil 305 5000

Cooling lubricant concentrate **BDS** 6000



Purely vegetable oil that does not come under the category of hazardous goods in terms of customs &transport regulations.

The raw materials used are not listed in the Catalogue of Substances Hazardous to Water.

BDS 5000 is not subject to any labelling requirements.

- ► Biological raw material with additives
- ► Water hazard level 1
- ► Biodegradable, optimum basic adjustment of viscosity for use of BDS core drills, problem-free use for subsequent tin plating







For high standards based on synthetic raw materials

- ► Can be mixed with water, biologically stable and mild in odour
- ► Extends the service life of the core drill
- ► Toxicologically harmless, Water Hazard Class 1

Cutting Oil (For HSS Core Drills)				
ORDER NO.	NAME	CONTENT		
ZHS 005	BDS 5000 cutting oil	5-litre can		
ZHS 006	BDS 5000 cutting oil	1-litre can		

Cooling Lubricant (For TCT Core Drills)			
ORDER NO.	NAME	CONTENT	
ZHB 001	BDS 6000 cooling lubricant concentrate	1-litre can	

Cutting oil, lubrication spray, cutting paste and cooling lubricant

High-performance products that can be used effectively and in an ecologically sound manner.

BEST RESULTS

KIND ON

High-performance lubrication spray **BDS** 5200



For working in awkward positions (overhead and on a horizontal plane), also suitable for high-alloy materials. Foam-like spray with very high adhesive strength.

Advantages: Precise dosing of lubrication spray and therefore optimum lubrication directly on the cutting edges. No dripping or splashing, thus ensuring maximum safety when working on ladders and scaffolds.

- ► White adhesive lubricant containing PTFE with corrosion protection
- ► Free from PCB. PCT. CFCs and chlorine
- ► Active substance: Mineral-based lithium grease with additives and solvents
- ► Compressed gas: Propane/butane, subject to labelling requirements

THE ENVIRONMENT

BDS high-performance lubricants and cleaning spray are tailored precisely to the respective intended purpose. The highly efficient composition allows sparing and environmentally friendly use.

The following are particularly recommended: BDS high-performance cutting oil or high-performance cooling lubricant concentrate. These products are fully biologically degradable and toxicologically harmless. However, also highly effective in the required lubrication and cooling performance. The BDS 6000 concentrate can also be mixed with water in a ratio of 1:10 and is therefore extremely efficient.

Caution: Please do not use liquid lubricants for overhead work or work on vertical surface. There is a risk that oil will get into the motor, thus causing a short-circuit. Please use BDS high-performance lubrication spray BDS 5200 or the BDS 5500/7500 cutting paste.



High-performance cutting paste 35 5500 High-Tech metal-free cutting paste 35 7500



BDS 5500: Ideal for material types that are hard to machine.
Suitable for use overhead and work in awkward positions.

BDS 7500: Base oil: Medicinal white oil. Extremely high heat resistance up to 1,400°C. For manual lubrication of high-alloy steel, Hardox steel and stainless and heat-resistant steel. For extremely high standards.



Step 1: Prior to drilling, spray high-performance lubrication spray directly into the drill.



Step 2: During drilling, spray high-performance lubrication spray onto the tip of the drill and into the borehole.

Lubricants and adjuvants			
ORDER NO.	NAME	CONTENT	
ZHS 550	BDS 5500 cutting paste	1000 g can	
ZHS 570	BDS 7500 cutting paste	85 g tube	
ZHS 572	BDS 7500 cutting paste	12 x 85 g tubes	

Lubricants and adjuvants			
ORDER NO.	NAME	CONTENT	
ZHS 400	BDS 5200 lubrication spray	1 x 400 ml tin	
ZHS 406	BDS 5200 lubrication spray	6 x 400 ml tin	
ZHS 412	BDS 5200 lubrication spray	12 x 400 ml tin	



Clamping device for pipes with a diameter of 80 mm to 500 mm

The BDS pipe clamping devices are as standard suitable for pipes with a diameter of 80 mm to 250 mm and 150 mm to 500 mm. Flexible and quick clamping is possible in every drilling situation. Tension chains fix the clamping device to the pipe with swivelling prisms. Adjustment of the drilling position to the pipe is easy and safe. These devices significantly expand the range of possible applications of the ProfiPLUS magnetic core drilling machines.







ZRO 500

Pipe clamping device

ORDER NO.

ZRO 250

ZRO 500

ZRO 250: for MAB 455, 485, 525

For pipe ø: 80 – 250 mm, chain length: 900 mm ZRO 500: for MAB 825, 845, MABasic 850

For pipe ø: 150 – 500 mm, chain length: 1650 mm

Clamping devices

Can be used for magnetic core drilling machines from the ProfiPLUS, ProfiSTART and ProfiBASIC categories.

FOR MACHINING PIPES

AND DRILLING NON-FERROUS METALS

AND STAINLESS STEEL

Vacuum clamping devices for non-ferrous metals

Magnetic core drilling machines from the ProfiPLUS can also be used fully to machine non-ferrous metals and stainless steel. To this end, BDS offers clamping devices that build up a vacuum with a pump lubricated by means of oil circulation, thus creating a secure connection between the magnetic core drilling machine and the workpiece.



Vacuum plate for smooth surfaces

ORDER NO.

ZAV 400

Application: For smooth surfaces.

Design:

High-performance vacuum pump with oil circulation lubrication. Clamping plate with two suction surfaces

and an internal drilling area. Dimensions: 440 x 260 mm, Elongated hole: 50 x 120 mm







Vacuum plate for smooth corrugated sheet metal/gussets

ORDER NO.

ZAV 300

Application: Suitable for corrugated sheet metal, gussets and smooth

surfaces.

Design: High-performance vacuum pump with oil circulation

lubrication. Clamping plate ø 300 mm.

Delivery without machines