

Accessories for Magnetic Core Drilling Machines

Competence and Innovation

1.3 Accessories for Magnetic Core Drilling Machines

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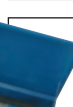
General accessories



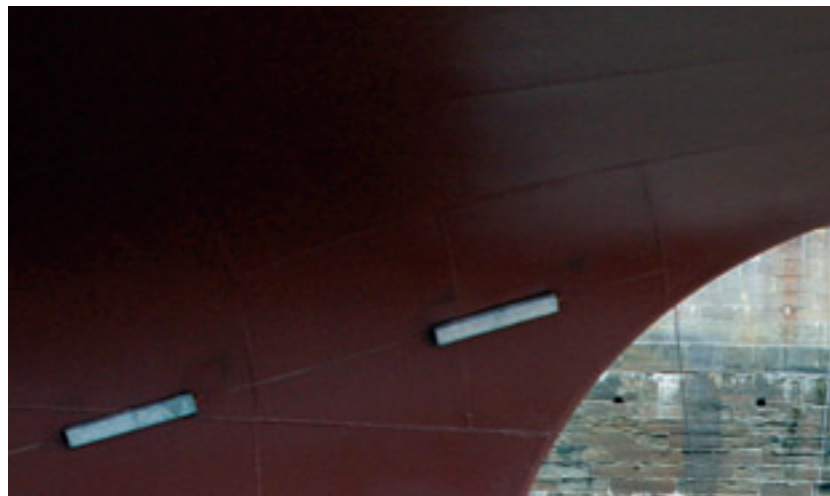
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New products:



Simply convenient.

Industrial pillar for commercial-ly available hand drilling machine with 43 mm collar diameter. Robust, steady and precise.

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More working safety!

The new quick change chuck system for taps with friction clutch.

The BDS safety friction clutch is also suitable for cutting of dead-end threading holes

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Clamping Devices

Accessories for Magnetic Core Drilling Machines

A true progress in core drilling technology: The new clamping system **MOBIL CLAMP** can be used to convert the core drilling machine into a bench drill.

Consequently, the user options can be substantially extended. Parts, which so far could only be drilled in the workshop, can now also be machined directly on site. Above all, it is possible to drill, countersink , ream or tap small parts, since these can be mounted without any problems into the quick clamping device.

With the mounting of the core drilling machine onto the surface of the vice and the subsequent activating of the magnet, you will have a flexible, stationary drilling

machine in next no time. The magnetic core drilling machine becomes a multi-talent: whether large or small applications, flat or high, with the twist drill or the reamer, everything is possible. A stable support, designed for the Mobil Clamp clamping device, ensures the correct working height and a comfortable and reliable working.

Mobil Clamp clamping device

Order No.	Jaw width	Quick-action clamping jaw	V-block clamping jaw
ZMC 180	100 mm	80 mm clamping width	•

Clamping device

ZMC 300

Base for clamping device



Powerful grip.
Jaws with step and prism for clamping of flat and round material.

Fine-adjustment
in longitudinal movement by an adjusting screw accurately set to the machining point.



Industrial drilling pillar

for commercial hand drills with 43 mm chuck journal diameter

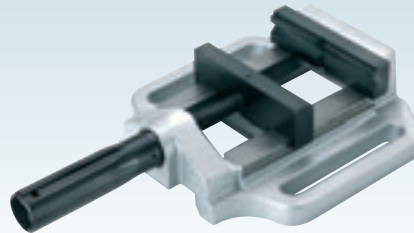
Industrial drilling pillar for commercial hand drills



Order No.
ZBS 100

Prism vice for industrial pillar:

Jaw width 100 mm
Clamping range 100 mm



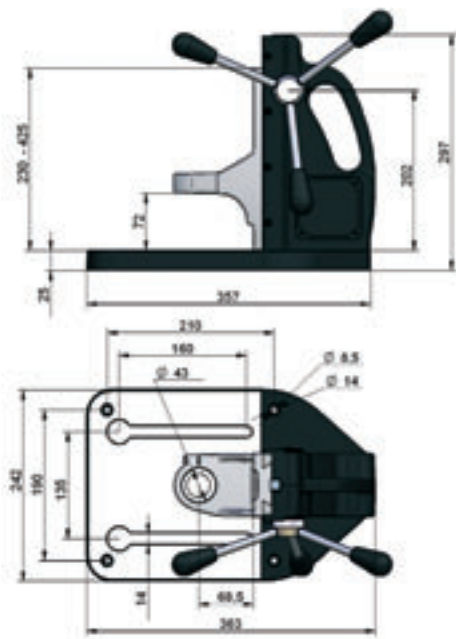
Order No.
ZST 100

Screws for T-Slots

Order No.
ZTN 100

Hexagon nut with collar

Order No.
ZSM 100



Industrial drilling pillars for commercial hand drills with 43mm chuck journal diameter.

Optimum stability by cast base plate combined with a pillar top of the MAB series.

Versatile usability by a drill vice with 100 mm jaw width. (special accessories).

Screws for slots are available for additional security under higher loads (special accessories).

Working stroke 230 – 425 mm.

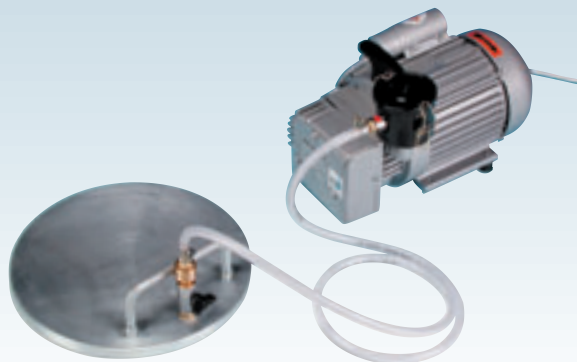


The hand drilling machine is not part of the delivery.

Vacuum plates

Accessories for Magnetic Core Drilling Machines

Vacuum plate for channelled plates



Application:

Specially suitable for channelled plates.

Version:

High-performance vacuum pump, with circular oil lubrication. Clamping plate ø 300 mm.

Order No.

ZAV 300



Vacuum plate for smooth surfaces



Application:

For smooth surfaces.

Version:

High-performance vacuum pump, with circular oil lubrication. Clamping plates with two suction surfaces and internal drilling area.

Order No.

ZAV 400



Pipe Clamping Devices

Accessories for Magnetic Core Drilling Machines

Pipe clamping device



Application:

For MAB 425, 455, 485, MABasic 200

For pipe \varnothing : 80 - 250 mm

Version:

Chain length: 900 mm

Order No.

ZRO 250

Pipe clamping device



Application:

For MAB 500, 825, 845, MABasic 850

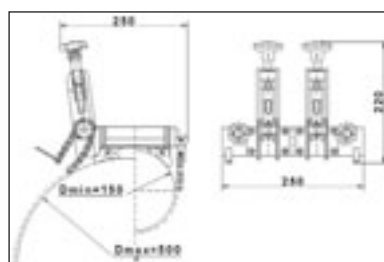
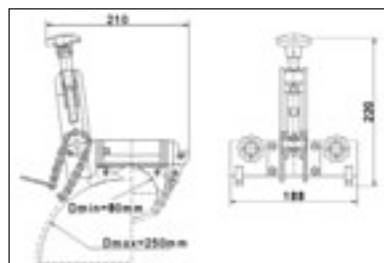
For pipe \varnothing : 150 - 500 mm

Version:

Chain length: 1650 mm

Order No.

ZRO 500



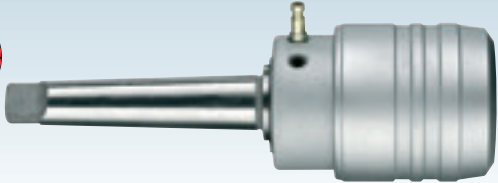
Automatic internal lubrication.

Time is money: The Keyless quick change drill chuck system allows the convenient change of BDS core drills with 19 mm Weldon shank without a key.

Special adapters for older BDS core drills are not required. The automatic internal lubrication system by BDS supplies the correct amount of cutting oil to the core bit.



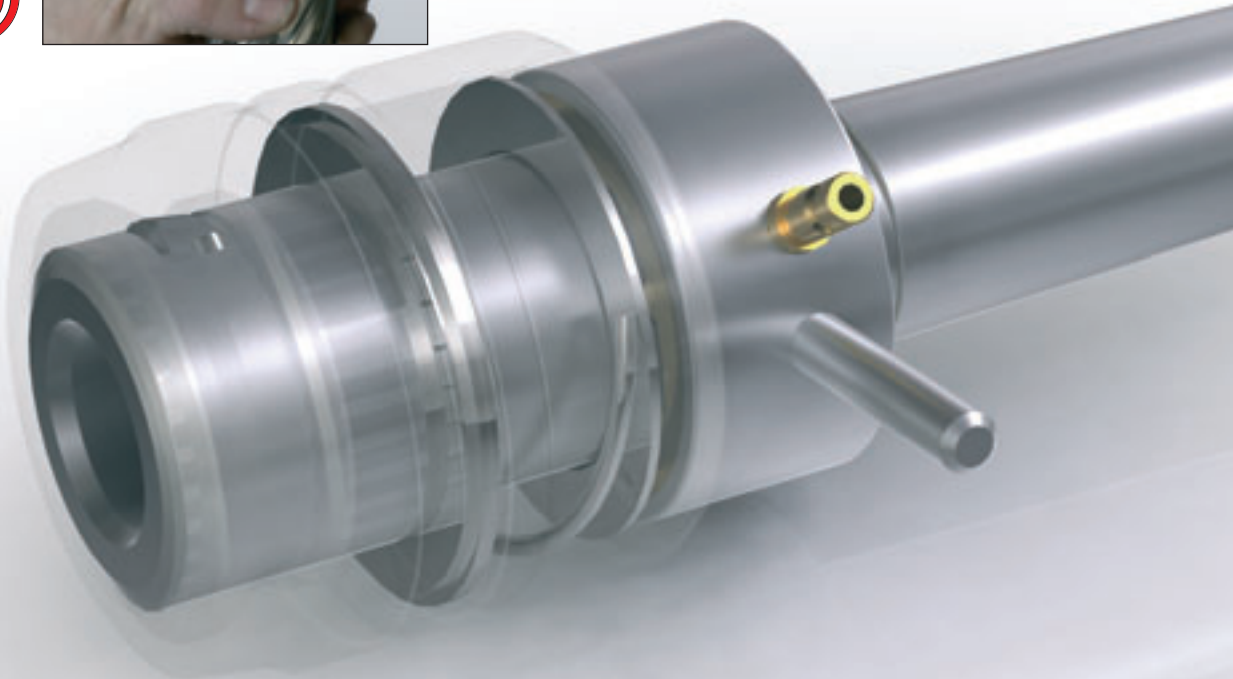
KEYLESS quick change drill chuck system, with automatic internal lubrication, 19 mm Weldon shank



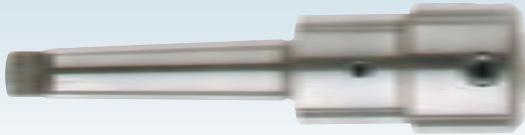
Application:
KEYLESS quick change drill chuck system with automatic internal lubrication for BDS core drills. Quick tool change without chuck key. For BDS core drills with 19 mm Weldon shank.

Version:
With hose and quick acting coupling.

Order No.	Spindle holder	Core drill tool holder
ZSS 200	MK 2	19 mm Weldon shank
ZSS 300	MK 3	19 mm Weldon shank

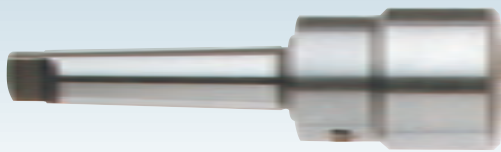


Industrial holder, with automatic internal lubrication,
19 mm / 32 mm Weldon shank



Order No.	Spindle holder	Core drill tool holder
ZIA 219 - M	MK 2	19 mm Weldon shank
ZIA 319 - M	MK 3	19 mm Weldon shank
ZIA 332 - M	MK 3	32 mm Weldon shank

Industrial holder, with manual internal lubrication,
19 mm / 32mm Weldon shank



Order No.	Spindle holder	Core drill tool holder
ZIA 219 - KN	MK 2	19 mm Weldon shank
ZIA 319 - KN	MK 3	19 mm Weldon shank
ZIA 332 - KN	MK 3	32 mm Weldon shank

Cutting oil reservoir



Application:

Cutting oil reservoir for the automatic internal lubrication of BDS core drills in connection with the appropriate changeable drill chuck system.

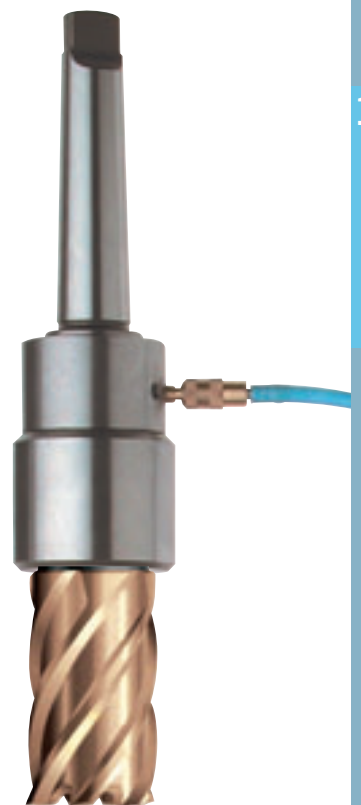
Version:

Reservoir with flow tap and magnetic holder.

Order No.

ZKK 100

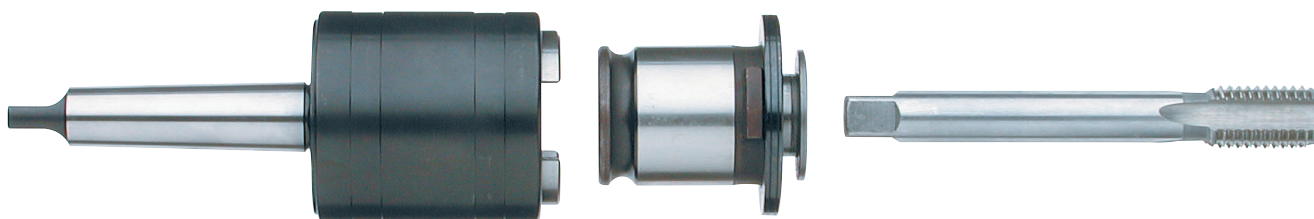
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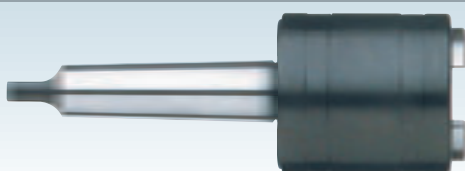
Quick change chuck system for taps

Basic holder and inserts

This quick change system allows the quick insertion and change of the taps.



Tapping quick-change chuck size 1, 2, 3
for taps M3, M5, M14



Application: Quick change chuck system for magnetic core drilling machines type: MAB 825 - 845
Version: Basic holder without quick change insert

Order No.	Holder	Thread
GSW 331	MK 3	M 3 – M 14
GSW 332	MK 3	M 5 – M 24
GSW 333	MK 3	M 14 – M 30

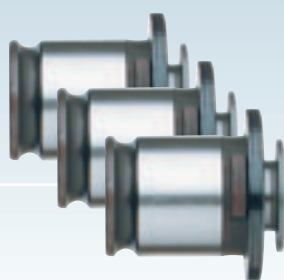
Quick change insert for taking up of taps for the tapping quick change chuck size 1, 2, 3



Application: Quick change chuck system for magnetic core drilling machines type: MAB 825 - 845
Version: Basic holder without quick change insert

Order No.	Size	Thread	Shank ø	Square
GSE 103	1	M3	3,5	2,7
GSE 104	1	M4	4,5	3,4
GSE 105	1	M5 / M6	6	4,9
GSE 108	1	M8	8	6,3
GSE 110	1	M10	10	8
GSE 112	1	M12	9	7,1
GSE 114	1	M14	11	9

Set of quick change inserts
for tapping quick-change chucks size 1, 2, 3



Application: Quick change chuck system for magnetic core drilling machines type: MAB 825 - 845
Version: without basic holder

Order No.	Content
GSE 100	M3 - M14
GSE 200	M5 - M24
GSE 300	M14 - M30

Order No.	Size	Thread	Shank ø	Square
GSE 205	2	M5 / M6	6	4,9
GSE 208	2	M8	8	6,3
GSE 210	2	M10	10	8
GSE 212	2	M12	9	7,1
GSE 214	2	M14	11	9
GSE 216	2	M16	12	9
GSE 218	2	M18	14	11
GSE 220	2	M20	16	12
GSE 222	2	M22	18	14,5

Order No.	Size	Thread	Shank ø	Square
GSE 314	3	M14	11	9
GSE 316	3	M16	12	9
GSE 318	3	M18	14	11
GSE 320	3	M20	16	12
GSE 322	3	M22 / M24	18	14,5
GSE 327	3	M27	20	16
GSE 330	3	M30	22	18

...with friction clutch

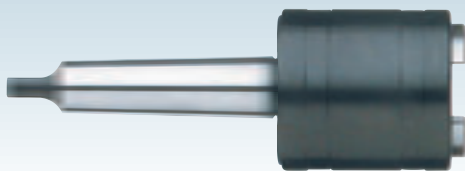
Basic holder and inserts with friction clutch



The safety coupling permits threadcutting of blind holes.

Inserts can also be used in combination with the quick-change threading chucks, size 2 GSW 332 in BDS magnetic core drill units MAB 828 and MAB 845 (old design MAB 800/840).

Tapping quick-change chuck size 2
for taps M8 – M16



Application: Quick change chuck system for magnetic core drilling machines type: MAB 485
Version: Tap holder without quick change insert

Order No.	Holder
GSW 222	MK 2

Quick change insert for the holding of taps for the tapping quick change chuck size 2



Application: Quick change chuck system for magnetic core drilling machines type: MAB 485
Version: Tap holder without quick change insert

Order No.	Size	Thread	Shank ø	Square
GSS 205	2	M5 / M6	6	4,9
GSS 208	2	M8	8	6,3
GSS 210	2	M10	10	8
GSS 212	2	M12	9	7,1
GSS 214	2	M14	11	9
GSS 216	2	M16	12	9

Tapping – quickly & economically priced!



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

Chucks, adapters and general accessories

Gear rim drill chuck



Order No.	Taper bore	Chuck size
ZBK 113	DIN 238-B 16	1 - 13 mm
ZBK 116	DIN 238-B 16	2,5 - 16 mm
ZBI 113	1/2" x 20 NF	1 - 13 mm
ZBI 116	1/2" x 20 NF	2,5 - 16 mm

Spare key for drill chuck

ZEZ 113
ZEZ 116

Quick-action drill chuck



Order No.	Taper bore	Chuck size
ZSB 113	DIN 238-B 16	1 - 13 mm
ZSB 116	DIN 238-B 16	3 - 16 mm
ZSI 113	1/2" x 20 NF	1 - 13 mm
ZSI 116	1/2" x 20 NF	3 - 16 mm

Taper drift for drill chuck with Taper bore DIN 238



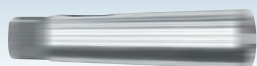
Order No.	DIN Norm
ZKD 216	DIN 238 - MK2/B16
ZKD 316	DIN 238 - MK3/B16

Bushing 32 mm Weldon shank to 19 mm Weldon shank



Order No.
ZAP 200

Reducing bush DIN 2185



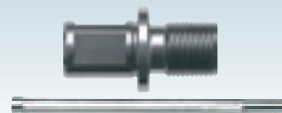
Order No.	Outside/inside
ZRH 210	MK 2:1
ZRH 320	MK 3:2

Extension bush DIN 2178



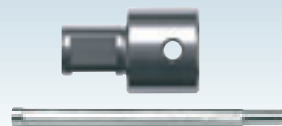
Order No.	Outside/inside
ZVH 220	MK 2:2
ZVH 230	MK 2:3
ZVH 320	MK 3:2
ZVH 330	MK 3:3

Adapter with Weldon shank 19 mm (3/4") for Fein core drills with thread M18 x 6 P1,5 incl. 1 Ejector pin ZAK 125



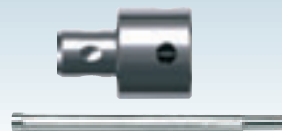
Order No.	Machine	Core drill
ZAF 002	Weldon 19 mm (3/4")	M18 x 6 P1,5

Adapter with Weldon shank 19 mm (3/4") for Fein core drills with Quick-In shank incl. 1 Ejector pin ZAK 115



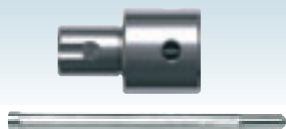
Order No.	Machine	Core drill
ZAF 003	Weldon 19 mm (3/4")	Quick-IN

Adapter with Quick-In shank for core drills with Weldon shank 19 mm (3/4") incl. 1 ejector pin ZAK 107 and ZAK 125 each



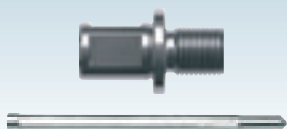
Order No.	Machine	Core drill
ZAF 004	Quick-IN	Weldon 19 mm (3/4")

Adapter with NITTO "One-Touch" shank for core drills with Weldon shank 19 mm ($\frac{3}{4}$ " incl. 1 Ejector pin ZAK 107



Order No.	Machine	Core drill
ZAF 005	NITO "One-Touch"	Weldon 19 mm ($\frac{3}{4}$ "

Adapter with Weldon shank 19 mm ($\frac{3}{4}$ " for core drills with thread M16 x 1,5 incl. 1 Ejector pin ZAK 125



Order No.	Machine	Core drill
ZAF 006	Weldon 19 mm ($\frac{3}{4}$ "	M16 x 1,5

Drill chuck adapter



Order No.	Machine	Core drill
ZAP 100	Weldon 19 mm ($\frac{3}{4}$ "	$\frac{1}{2}$ " x 20 NF

Weldon shank extension 80 mm, Weldon 19 mm ($\frac{3}{4}$ " x Weldon 19 mm ($\frac{3}{4}$ " incl. ejector pin ZAK 080



Order No.	Machine	Core drill
ZAP 300	Weldon 19 mm ($\frac{3}{4}$ "	Weldon 19 mm ($\frac{3}{4}$ "

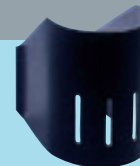
Drift key DIN 228



Order No.	
ZAS 002	MK 2 DIN 228
ZAS 003	MK 3 DIN 228

Chip protection for Magnetic Core Drilling Machines

Application: Chip protection for BDS Magnetic Core Drilling Machines, detachable



Order No.	For Series
ZSS 050	MAB 100 – MAB 480
ZSS 500	MAB 500 – MAB 850

Safety chain for Magnetic Core Drilling Machines



Order No.
ZSK 001

Steel carry case for Magnetic Core Drilling Machines



Application: Steel carry case for magnetic core drilling machines by BDS

Execution: Robust metal box with carrying handle and solid closures. With *foam insert, without contents.

Order No.	For Series
ZMK 100	MAB 100*
ZMK 150	MAB 150
ZMK 200	MAB 425, MAB 485*
ZMK 500	MAB 500, MAB 825, MAB 845*
ZMK 900	MAB 900
ZMK 1000	MAB 1000
ZMK 2000	AutoMAB
ZMK 205	MABasic 200
ZMK 805	MABasic 600, MABasic 850

BDS supplies

General Accessories

High-performance cutting oil BDS 5000: Pure vegetable oil, which is not considered a hazardous material according to the federal transportation regulations. The ingredients used are not contained in the catalogue of water polluting materials. BDS 5000 does not fall under the federal marking regulations.

- Biological base material with additives.
- Water hazard class 1.
- Biological decomposition, optimum basic adjustment of viscosity for the use of BDS core drills, straightforward usage for subsequent galvanizing.



Caution: Never use liquid lubricants for overhead or horizontal work. In such a case, oil might get into the motor causing short-circuit.

Please use BDS High-performance lubrication spray ZHS 400.

High-performance cutting paste BDS 5500: Ideal for heavily machinable materials such as high-alloy steel, Hardox, rust-resistant and heat-resistant steel. Suitable for overhead use and work in constrained positions.

High-performance lubrication spray BDS 5200: for work in constrained positions (overhead and horizontal), also suitable for high-alloy materials. Foamy paste with very high adhesive power.

Advantages: Exact amount of the lubrication spray, i.e. optimum lubrication directly at the cutting edges of the drill. No dripping and splashing, i.e. maximum working safety on ladders and platforms.

- PTFE-containing, white adhesive lubricant with protection against corrosion. Free from PCB, PCT, FCKW and Chlorine.
- **Active ingredient:** Lithium base grease on mineral basis with additives and solvent.
- **Propellant:** Propane/Butane, to be specified.

High-performance cutting oil BDS 5000



Order No.	Content
ZHS 005	5 l canister
ZHS 006	1 l can

High-performance cutting paste BDS 5500



Order No.	Content
ZHS 550	1000 g

High-performance lubrication spray BDS 5200



Order No.	Content
ZHS 400	1 x 400 ml
ZHS 406	6 x 400 ml
ZHS 412	12 x 400 ml

Cleaning spray BDS 1000



Order No.	Content
ZSR 100	500 ml can

Cleaning spray BDS 1000:

Optimal for repair and assembly work. The Spray cleaner ZSR 100 cleans and degreases all metals.

Unlike usual dilutions, the Spray cleaner ZSR 100 evaporates absolutely free from residues. The special valve also allows overhead work.

Soluble cutting oil BDS 6000:

For high demands based on synthetic raw materials.

- Soluble in water
- Compatible in toxicological viewpoint
- Water hazard class 1

Soluble cutting oil BDS 6000



Order No.	Content
ZHB 005	5 l canister

Power Worker

Indispensable in the workshop.

Power Worker: Sharp-edged drilling chips are its speciality.

The BDS Power Worker is there when there is a risk of injury - always and everywhere. Easily and safely it removes the drilling chips with magnetic power.

- ▶ Collecting
- ▶ Pushing off
- ▶ Done

It is obvious that the power of the Power Worker can also be used to remove metals from unapproachable positions,

and the key under the lathe comes to the surface again.

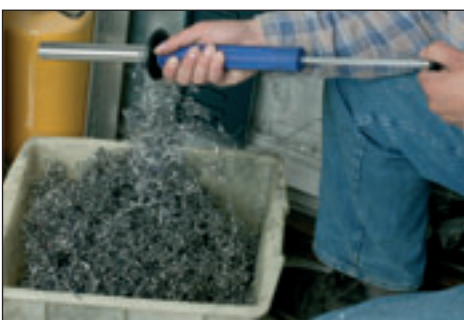
Power Worker

Order No.

POW 100



1.3



Hot, razor-sharp drilling chips are collected by the strong magnet and wiped off over the scrap metal container by actuating the mechanics without any risk of injury and wiped off over the scrap metal container by actuating the mechanics without any risk of injury.



The BDS Power Worker also very useful when picking up screws or other metal parts.