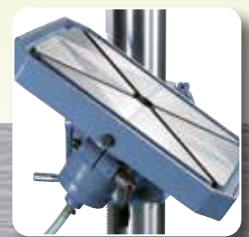


BERNARDO®

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03 | 2024

DRILLING MACHINES



TB 14 T
TB 16 T
TB 20 T
RBM 780 T
BM 20 T
BM 25 T
BM 16 Vario
BM 20 Vario
RBM 780 SB
SBM 16 Vario
SBM 20 Vario
SB 25 S

SB 32 S
B 430 Vario
B 610 Pro
BM 25 SB
BM 32 SB
DMT 20
DMT 20 V
DMS 32 C
DMS 32 VC
DMT 20 TSV
DMC 32 TSV
SB 30 Profi

SB 40 Profi
GHD 25 TN
GHD 25 SN
GB 28 T
GB 28 S
GHD 28 SV
GB 28 S Vario
GB 30 T
GB 30 S
GB 30 TV
GB 35 TV Vario
GB 35 HS

GB 35 HSV
GB 32 S Vario
GB 32 STi
GB 30 Vario
GB 35 THS
GB 35 Vario
GB 40 S
GB 40 S Vario
GB 40 SN Vario
GB 40 SN
GB 40 N
GB 40 HS

GB 45 NC Vario
GB 50 HS
GB 50 NC Vario
GB 50 SK NC Vario
KBM 25
KBM 32
KBM 40
KBM 50
KBM 63
KBM 80
RD 540 x 32
RD 820 x 32

Bench drilling machines

TB 14 T

TB 16 T

The inexpensive bench drilling machines featuring a V-belt drive, are available with a drilling capacity of 14 or 16 mm. The height adjustable protective cover developed by Bernardo cover the drill as well as the drill chuck completely. This increase the safety and making them particularly suitable for craftsmen and training purposes.

- High-quality ball bearings ensure high spindle concentricity
- Large drill table features diagonal T-slots (TB 16 T)
- Balanced drive wheels and high-quality belt ensure extremely smooth operation
- Drill table swivels ($\pm 45^\circ$), height adjustable via gear rack
- Complete with T-slots in polished base plate
- Powerful, high-torque aluminium motor in accordance with IP 54
- Ergonomically arranged handles ensure high work comfort
- Treated base plate allows clamping of oversized workpieces
- Top precision keyless drill chuck included



Balanced grey cast-iron drive pulleys ensure smooth running. The top quality V-belts allow for most efficient transmission.



Protective cover in accordance with CE standards, adjustable to the required drill length.



Drill table swivels -45° to $+45^\circ$ and turns 360° around the column.



Optional accessories:

Drilling machine vise BM 100
Drilling machine vise BMO 85
170 pcs. set TiN-coated HSS drills

Art. no. excl. VAT
28-1999
28-2006
41-1025

Technical data

	TB 14 T	TB 16 T
Drilling capacity max.	14 mm	16 mm
Drill chuck	1 - 13 mm / B 16	1 - 16 mm / B 16
Morse taper	steady / B 16	MT 2
Spindle speeds	(5) 620 - 2620 rpm	(12) 300 - 2550 rpm
Distance spindle to column	130 mm	155 mm
Table tiltable	-45° to 45°	-45° to 45°
Distance spindle to table max.	285 mm	445 mm
Distance spindle to base	395 mm	600 mm
Spindle stroke	65 mm	65 mm
Column diameter	58 mm	58 mm
Table size / T-slot size	185 x 185 mm / 14 mm	245 x 245 mm / 16 mm
Working surface of base	155 x 155 mm	185 x 200 mm
Motor power output S_1 100%	0,37 kW / 230 V	0,55 kW / 230 V
Motor power input S_6 40%	0,55 kW / 230 V	0,80 kW / 230 V
Machine dimension (W x D x H)	300 x 510 x 690 mm	400 x 570 x 920 mm
Weight approx.	26 kg	36 kg
Art. no.	01-1026	01-1031

Standard accessories:

- Keyless drill chuck
- Drill chuck arbor MT 2 / B 16
- Height adjustable protective cover
- Separate emergency stop
- T-slot nuts
- Tools

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HOBBY

Bench drilling machine

TB 20 T

The TB 20 T is a cost efficient table drilling machine with V-belt drive available with 230 V or 400 V. The 400 V model comes complete with right and left turning device. The great price to performance ratio makes this model an attractive choice for hobby craftsmen.

- High quality ball bearings allow for high concentricity at the spindle
- Large drill table features diagonal T-slots
- Drill table tilts ($\pm 45^\circ$), height adjustment via gear rack
- Rotation switch for right and left turn (400 V)
- Powerful, high-torque aluminium motor according to IP 54 standard
- High grade keyless drill chuck comes standard
- Treated machine base allows clamping of oversize workpieces
- Features T-slots on polished base
- Ergonomical handles allow for high work comfort



Powerful aluminium motor according to IP 54 standards



Complete with keyless drill chuck 1 - 16 mm / B 16



Treated base plate allows clamping of oversize workpieces

Best Price

Right-left turning

TB 20 T / 400 V

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 2 / B 16
- Height adjustable protective cover
- Separate emergency stop switch
- T-slot nuts
- Left and right turning (400 V)
- Tools

Technical data	TB 20 T
Drilling capacity max.	20 mm
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 2
Spindle speeds	(16) 220 - 2840 rpm
Distance spindle to column	180 mm
Table tiltable	-45° to +45°
Distance spindle to table max.	415 mm
Distance spindle to base	605 mm
Spindle stroke	80 mm
Column diameter	72 mm
Table size / T-slot size	290 x 290 mm / 16 mm
Working surface of base	205 x 205 mm
Motor power output S ₁ 100 %	0,55 kW / 230 V or 400 V
Motor power input S ₆ 40 %	0,80 kW / 230 V or 400 V
Machine dimension (W x D x H)	380 x 620 x 1000 mm
Weight approx.	54 kg
Art. no.	01-1036 (230 V) 01-1041 (400 V)



Optional accessories:	Art. no.	excl. VAT
Drilling machine vise BM 125	28-2000	
19 pcs. set TiN-coated HSS drills, 1 - 10 mm	41-1000	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
51 pcs. set TiN-coated HSS drills, 1 - 6,0 mm	41-1015	
170 pcs. set TiN-coated HSS drills	41-1025	

Radial drilling machine

RBM 780 T

The RBM 780 T radial drilling machine features an extendable, tilt- and turnable drill head, making it extremely versatile. The great price to performance ratio makes this model an attractive choice for hobby craftsmen.

- Precise machined work table tilts from -45° to $+45^{\circ}$
- Safety switch in accordance with the IP 54 standard features undervoltage release
- High concentricity, spindle seated in precision ball bearings
- Extendable, turn- and tiltable drill head ensures high productivity
- Solid, smooth steel column comes with gear rack for table height adjustment
- Grey cast-iron pulleys ensure smooth operation
- Ergonomically positioned handles allow for high operating comfort
- High concentricity at the spindle
- Large machine base increases stability

Drill table can be tilted from -45° to $+45^{\circ}$ and swivels 360° around the column.



Stepless adjustment of drill head.



ON-OFF switch according to IP 54 and separate emergency stop switch



Powerful aluminium motor in accordance with the IP 54 standard.



Surface treated base allows clamping of large workpieces.

**Best
Price**

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HOBBY

Right-left turning

RBM 780 T - 400 V



Technical data

RBM 780 T

Drilling capacity max.	16 mm
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 2
Distance spindle to column min./max.	115 - 395 mm
Spindle speeds	(12) 300 - 2550 rpm
Drill head tiltable	-90° to $+45^{\circ}$
Spindle stroke	60 mm
Column diameter	58 mm
Table size	\varnothing 255 mm
Working surface of base	185 x 200 mm
Motor power output S ₁ 100%	0,37 kW
Motor power input S ₆ 40%	0,55 kW
Voltage	230 V or 400 V
Machine dimension (W x D x H)	280 x 850 x 820 mm
Weight approx.	40 kg
Art. no.	01-1134 (230 V) 01-1135 (400 V)

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 2 / B 16
- T-slot nuts
- Height adjustable protective cover
- Left and right turning (RBM 780 T - 400 V)
- Separate emergency stop switch
- Tools

Optional accessories:

- Drilling machine vise BM 125
- Drilling machine vise BM 150
- Drilling machine vise BMO 120
- 19 pcs. set TiN-coated HSS drills, 1 - 10 mm
- 25 pcs. set TiN-coated HSS drills, 1 - 13 mm
- 51 pcs. set TiN-coated HSS drills, 1 - 6,0 mm
- 170 pcs. set TiN-coated HSS drills

Art. no.	excl. VAT
28-2000	
28-2001	
28-2008	
41-1000	
41-1010	
41-1015	
41-1025	

Bench drilling machines

The solid drilling machines with V-belt drive feature high torque at low speed. These models are predominantly used by craftsmen or training workshops.

BM 20 T BM 25 T

- Digital display for spindle stroke and LED-lamp come standard
- Grey cast iron pulleys ensure smooth run
- High-quality ball bearings guarantees a high concentricity of at the spindle
- Large drill table features diagonal T-slots
- Drill table tilts ($\pm 45^\circ$), gear rack allows height adjustment
- Switch controls right / left rotation (BM 25 T – 400V)
- High performance aluminium motor in accordance with the IP 54 standard
- Complete with high-quality keyless drill chuck
- Polished machine base features T-slots
- Clearly arranged handles ensure high comfort when working

Right-left turning

BM 25 T / 400 V



Balanced drive pulleys guarantees smooth running.



Digital display for drill depth increases comfort and convenience.



Drill table tilts -45° to $+45^\circ$ and swivels 360° around the column.

Optional accessories:

	Art. no	excl. VAT
Drilling machine vise BM 150	28-2001	
Drilling machine vise BMH 150	28-2012	
Deluxe clamping kit set 58 pcs., 16 mm, M 14	28-1002	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
170 pcs. set TiN-coated HSS drills	41-1025	

Technical data	BM 20 T	BM 25 T
Drilling capacity in steel	20 mm	25 mm
Drill chuck	1 - 16 mm / B 18	1 - 16 mm / B 18
Morse taper	MT 2	MT 2
Spindle speeds	(16) 220 - 2840 rpm	(16) 220 - 2840 rpm
Distance spindle to column	160 mm	180 mm
Table tiltable	-45° to $+45^\circ$	-45° to $+45^\circ$
Distance spindle to table max.	440 mm	415 mm
Distance spindle to base	630 mm	605 mm
Spindle stroke	80 mm	80 mm
Column diameter	72 mm	72 mm
Table size / T-slot size	285 x 285 mm / 16 mm	305 x 305 mm / 16 mm
Working surface of base	200 x 190 mm	205 x 205 mm
Motor power output S_6 100%	0,55 kW / 230 V or 400 V	0,75 kW / 230 V or 400 V
Motor power input S_6 40%	0,80 kW / 230 V or 400 V	1,1 kW / 230 V or 400 V
Machine dimension (W x D x H)	400 x 590 x 980 mm	400 x 630 x 990 mm
Weight approx.	45 kg	57 kg
Art. no.	01-1116 (230 V) 01-1117 (400 V)	01-1119 (230 V) 01-1120 (400 V)



Including LED working light

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 2 / B 18
- Digital spindle stroke indication
- LED machine light
- Left and right turning (BM 25 T - 400 V)
- T-slot nuts
- Height adjustable protective cover
- Tools

Digital spindle stroke indication

Vario drilling machines

The solid drilling machines featuring vario drive are characterized by high torque even at low speed. Most commonly these models are used by amateurs and for training purposes.

BM 16 Vario BM 20 Vario

- Digital display allows easy readout of set speed or spindle stroke
- Grey cast iron pulley ensures smooth operation
- High-quality ball bearings guarantee high concentricity
- Large drill table features diagonal T-slots
- Rotation switch for right and left turn (BM 20 Vario- 400V)
- Drill table tilts ($\pm 45^\circ$) – gear rack allows height adjustment
- Powerful, high performance aluminium motor in accordance with IP 54 standards
- Precise keyless drill chuck comes as part of the standard accessories
- Complete with T-slots in polished base plate
- Ergonomically designed handles maximises work comfort

Right-left turning

BM 20 Vario - 400 V



Handwheel located on the side allows for speed adjustment.



On-/Off switch according to IP 54 and separate emergency stop button according to CE-standards.



Equipped with cross line laser device to allow for precise operation.



Optional accessories:

	Art. No.	excl. VAT
Drilling machine vice BM 150	28-2001	
Drilling machine vice BMH 150	28-2012	
Deluxe clamping kit set 58 pcs., 16 mm, M 14	28-1002	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
170 pcs. set TiN-coated HSS drills	41-1025	

Technical data

	BM 16 Vario	BM 20 Vario
Drilling capacity in steel	16 mm	20 mm
Drill chuck	1 - 16 mm / B 18	1 - 16 mm / B 18
Morse taper	MT 2	MT 2
Spindle speed, stepless	400 - 1950 rpm	400 - 1950 rpm
Distance spindle to column	160 mm	180 mm
Table tiltable	-45° to +45°	-45° to +45°
Distance spindle to table max.	440 mm	415 mm
Distance spindle to base	630 mm	605 mm
Spindle stroke	80 mm	80 mm
Column diameter	72 mm	72 mm
Table size / T-slot size	285 x 285 mm / 16 mm	305 x 305 mm / 16 mm
Working surface of base	200 x 190 mm	205 x 205 mm
Motor power output S ₁ 100%	0,55 kW / 230 V or 400 V	0,75 kW / 230 V or 400 V
Motor power input S ₆ 40%	0,80 kW / 230 V or 400 V	1,1 kW / 230 V or 400 V
Machine dimension (W x D x H)	400 x 590 x 980 mm	400 x 630 x 990 mm
Weight approx.	46 kg	57 kg
Art. no.	01-1124 (230 V) 01-1125 (400 V)	01-1126 (230 V) 01-1127 (400 V)

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 2 / B 18
- Digital spindle stroke indication
- Digital readout of speed
- Cross line laser device
- Left and right turning (BM 20 Vario - 400 V)
- T-slot nuts
- Height adjustable protective cover
- Separate emergency stop switch
- Tools

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HOBBY

Radial drilling machine

RBM 780 SB

The RBM 780 SB features the same construction as the RBM 780 T. The column guiding guarantees hassle-free processing of larger workpieces.

- High concentricity, spindle seated in precision ball bearings
- Safety switch in accordance with the IP 54 standard features undervoltage release
- Solid, smooth steel column comes with gear rack for table height adjustment
- Work table tilts from -45° to +45° and turns 360°
- High concentricity at the spindle
- Large machine base increases stability
- Extendable, turn- and tiltable drill head ensures high productivity
- Grey cast-iron pulleys ensure smooth operation
- Ergonomically positioned handles allow for high operating comfort

Right-left turning

RBM 780 SB - 400 V



Stepless adjustment of drill head.



Drill head features stepless tilting device ranging from -90° to +45°.



Work table swivel 360° which is ideal for coordinate drilling.



Standard: Keyless drill chuck 1 - 16 mm / B 16

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HOBBY

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BM 125	28-2000	
Drilling machine vise BM 150	28-2001	
19 pcs. set TiN-coated HSS drills, 1 - 10 mm	41-1000	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
51 pcs. set TiN-coated HSS drills, 1 - 6,0 mm	41-1015	
170 pcs. set TiN-coated HSS drills	41-1025	

Technical data

RBM 780 SB

Drilling capacity max.	16 mm
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 2
Distance spindle to column min./max.	120 - 380 mm
Spindle speeds	(12) 300 - 2550 rpm
Drill head tiltable	-90° to +45°
Spindle stroke	60 mm
Column diameter	72 mm
Table size	Ø 290 mm
Working surface of base	185 x 200 mm
Motor power output S ₁ 1 100%	0,55 kW
Motor power input S ₆ 40%	0,80 kW
Voltage	230 V or 400 V
Machine dimension (W x D x H)	320 x 1000 x 1610 mm
Weight approx.	54 kg
Art. no.	01-1136 (230 V) 01-1137 (400 V)

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 2 / B 16
- T-slot nuts
- Left and right turning (400 V)
- Separate emergency stop switch
- Height adjustable protective cover
- Tools

Vario column drilling machines

SBM 16 Vario SBM 20 Vario

- Digital display allows for easy readout of speed or spindle stroke
- Grey cast iron pulleys ensure smooth operation
- Quality ball bearings guarantee high concentricity
- Oversize drill table features diagonal T-slots
- Rotation switch for right and left turn (SBM 20 Vario – 400 V)
- Drill table tilts ($\pm 45^\circ$) height adjustment by gear rack
- Powerful, high performance aluminium motor according to IP 54 standards
- Precise keyless drill chuck as part of standard equipment
- Comes complete with T-slots in polished base plate
- Ergonomic handles ensure high work comfort



On-Off switch in according to IP 54 and separate emergency stop button according to CE standards.



Extractable support can be added to support long workpieces.

Stepless speed adjustment



Digital spindle stroke indication

Digital readout of speeds



Optional accessories:

	Art. No.	excl. VAT
Drill press support	07-1550	
Morse shank puller MT 1 - MT 3	24-1058	
Deluxe clamping kit set 58 pcs., 16 mm, M 14	28-1002	
Drilling machine vise BM 150	28-2001	
Drilling machine vise BMO 120	28-2008	
Drilling machine vise BMH 150	28-2012	
19 pcs. set TiN-coated HSS drills, 1 - 10 mm	41-1000	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
51 pcs. set TiN-coated HSS drills, 1 - 6,0 mm	41-1015	
170 pcs. set TiN-coated HSS drills	41-1025	

Technical data

	SBM 16 Vario
Drilling capacity in steel	16 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 2
Spindle speed, stepless	400 - 1950 rpm
Distance spindle to column	160 mm
Table tilttable	- 45° to +45°
Distance spindle to table max.	690 mm
Distance spindle to base	1170 mm
Spindle stroke	80 mm
Column diameter	72 mm
Table size / T-slot size	285 x 285 mm / 16 mm
Working surface of base	200 x 190 mm
Motor power output S ₁ 100%	0,60 kW / 230 V or 400 V
Motor power input S ₆ 40%	0,85 kW / 230 V or 400 V
Machine dimension (W x D x H)	420 x 600 x 1560 mm
Weight approx.	57 kg
Art. no.	01-1128 (230 V) 01-1129 (400 V)

VOLTAGE

Alternatively in
230 V or 400 V

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 2 / B 18
- Digital readout of speed
- Digital spindle stroke indication
- Cross laser device
- Left and right turning (SBM 20 Vario – 400 V)
- T-slot nuts
- Height adjustable protective cover
- Separate emergency stop button
- Tools



The SBM 16 Vario and SBM 20 Vario are powerful column drilling machines in modern design, come fully equipped with cross laser device and digital display for speed and drill depth. Furthermore, the 400 Volt SBM 20 Vario features right and left turning device. Most commonly these models are used among amateurs and for training purposes.

SBM 16 Vario SBM 20 Vario



Comes complete with digital display for speed and drill depth.



Powerful aluminium motor is smooth running and performs well.

Right-left turning

SBM 20 Vario - 400 V



Handwheel on side allows for speed adjustment.

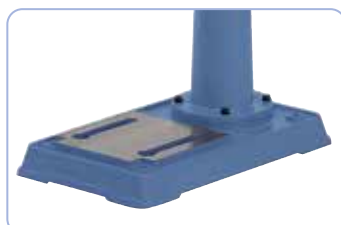


Ergonomically arranged handles guarantee smooth spindle feed.

Best
price



Cross laser device ensures high accuracy.



Treated base plate enables clamping of oversize workpieces.



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HOBBY



Work table with diagonal T-slots tilts -45° to +45°.

Technical data

SBM 20 Vario

Drilling capacity in steel	20 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 2
Spindle speed, stepless	400 - 1950 rpm
Distance spindle to column	180 mm
Table tiltable	- 45° to +45°
Distance spindle to table max.	690 mm
Distance spindle to base	1170 mm
Spindle stroke	80 mm
Column diameter	72 mm
Table size / T-slot size	305 x 305 mm / 16 mm
Working surface of base	205 x 205 mm
Motor power output S ₁ 100%	0,90 kW / 230 V or 400 V
Motor power input S ₆ 40%	1,3 kW / 230 V or 400 V
Machine dimension (W x D x H)	420 x 600 x 1560 mm
Weight approx.	68 kg
Art. no.	01-1130 (230 V) 01-1131 (400 V)

Column drilling machines

SB 25 S

SB 32 S

- High quality ball bearings allow for high concentricity at the spindle
- Surface treated work table can be adjusted in height via gear rack and crank
- Switch for left and right turning
- Powerful, high torque aluminium motor according to IP 54 standard
- Precise keyless drill chuck comes standard
- Treated base allows clamping of oversize workpieces
- Drill table tilts ($\pm 45^\circ$), height adjustable via gear rack
- Large drill table features T-slots and coolant groove



Standard: Keyless drill chuck
1 - 16 mm / B 18



The work table with diagonal T-slots
tilts -45° to $+45^\circ$.

**Best
Price**

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BM 150	28-2001	
Drilling machine vise BMO 150 with prism jaws	28-2009	
Keyless drill chuck with direct mount MT 3, 1 - 16 mm	24-1072	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Double roller tapping chuck set MT 4, M 3 - M 12	24-1091	
Morse taper drill sleeve MT 3 / 2	24-1022	
Morse taper drill sleeve MT 4 / 3	24-1025	
Deluxe clamping kit set 58 pcs., 16 mm, M 14	28-1002	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
19 pcs. set TiN-coated HSS drills, 1 - 10 mm	41-1000	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	
Metric size taper shank drills MT 2 / 3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Semi automatic morse shank puller MT 4 - MT 6	24-1059	
Quick release arbor MT 3 für annular cutter	53-1097	
HSS annular cutter set 14 - 24 mm, drill depth 25 mm, 6 pcs.	41-11041	
HSS annular cutter set 14 - 24 mm, drill depth 50 mm, 6 pcs.	41-11042	
Drill press support	07-1550	

Technical data

SB 25 S

Drilling capacity max.	25 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 3
Spindle speeds	(12) 280 - 2380 rpm
Distance spindle to column	175 mm
Table tiltable	-45° to $+45^\circ$
Distance spindle to table max.	685 mm
Distance spindle to base	1175 mm
Spindle stroke	85 mm
Column diameter	80 mm
Table size / T-slot size	290 x 290 mm / 16 mm
Working surface of base	205 x 205 mm
Motor power output S ₁ 100%	0,75 kW / 400 V
Motor power input S ₆ 40%	1,1 kW / 400 V
Machine dimension (W x D x H)	380 x 660 x 1560 mm
Weight approx.	65 kg
Art. no.	01-1046

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 3 / B 18
- Height adjustable protective cover
- Separate emergency stop switch
- Switch for left and right turning
- T-slot nuts
- Tools



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HOBBY

The solid, state of the art column drilling machines are available with 25 mm or 32 mm drilling capacity, larger diameter holes can easily be achieved when core drilling. Both models are equipped with right and left turning switch. The optimal price to performance ratio makes these models immensely popular among model makers and amateurs and they are widely used in the agricultural sector and repair shops.

SB 25 S
SB 32 S



Balanced grey cast-iron drive pulleys ensure smooth running. The top quality V-belts allow for most efficient transmission.



The high-grade aluminium motor features a top performance at smooth run.



Control elements are conveniently positioned on machine head.



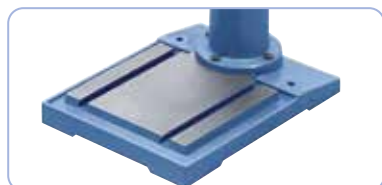
Optional quick release arbor for annular cutter.



Ergonomically arranged handles allow for easy spindle feed.



The additionally available, extractable drill support allows processing of oversize workpieces.



Treated base features slots (SB 32 S with T-slots)

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HOBBY

Technical data	SB 32 S
Drilling capacity max.	32 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 4
Spindle speeds	(12) 150 - 2450 rpm
Distance spindle to column	215 mm
Table tiltable	-45° to +45°
Distance spindle to table max.	760 mm
Distance spindle to base	1125 mm
Spindle stroke	120 mm
Column diameter	92 mm
Table size / T-slot size	300 x 290 mm / 14 mm
Working surface of base	295 x 270 mm
Motor power output S ₁ 100%	1,1 kW / 400 V
Motor power input S ₆ 40%	1,6 kW / 400 V
Machine dimension (W x D x H)	400 x 720 x 1700 mm
Weight approx.	95 kg
Art. no.	01-1051



Drill table can be tilted from -45° to +45° and can be turned 360° around the column.

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 4 / B 18
- Height adjustable protective cover
- Separate emergency stop switch
- Switch for left and right turning
- T-slot nuts
- Tools

Vario drilling machine

B 430 Vario

The drilling machine B 430 Vario is serially equipped with a stepless speed regulation, ensuring ideal adjustment to the workpiece.

- Safety switch with undervoltage release
- Stepless speed adjustment
- Compact, solid construction with modern design
- Aluminium-motor according to IP 54 - 400 V
- Table rotates 360°
- Solid, polished steel column
- Top quality at a reasonable price
- Scale for drill depth
- Cast iron table with cooling grooves
- Spindle runs on high-quality ball bearings
- Gear rack allows easy table height adjustment



Ergonomically arranged levers allow accurate spindle feed.



On-/Off switch according to IP 54 and separate emergency stop button according to CE-standards.

Vario-Drive



The lever on machine head allows stepless speed adjustment.

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HOBBY

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMH 125	28-2011	
Drilling machine vise BM 150	28-2001	
Deluxe clamping kit set 58 pcs., 16 mm, M 14	28-1002	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	
25 pcs. set TiN-coated HSS drills, 1 - 13 mm	41-1010	
170 pcs. set TiN-coated HSS drills	41-1025	
Drill press support	07-1550	

Technical data

B 430 Vario

Drilling capacity max.	25 mm
Keyless drill chuck	3 - 16 mm / B 16
Morse taper	MT 3
Spindle speed, stepless	280 - 2600 rpm
Distance spindle to column	220 mm
Table rotatable	360°
Distance spindle to table max.	790 mm
Distance spindle to base	1250 mm
Spindle stroke	80 mm
Column diameter	80 mm
Table size / T-slot size	345 x 345 mm / 16 mm
Working surface of base	240 x 275 mm
Motor power output S ₁ 100%	0,75 kW (1,1 HP) / 400 V
Motor power input S ₆ 40%	1,1 kW (1,5 HP) / 400 V
Machine dimension (W x D x H)	350 x 720 x 1710 mm
Weight approx.	100 kg
Art. no.	01-1100



To process large workpieces the machine can be equipped with an extendable support.

Standard accessories:

- Drill chuck arbor MT 3 / B 16
- Keyless drill chuck 3 - 16 mm / B 16
- T-slot nuts
- Height adjustable protective cover
- Separate emergency stop switch
- Tools



Column drilling machine

B 610 Pro

The powerful column drilling machine comes complete with a 2-step motor, right and left rotation and a cross line laser device. This model is particularly popular among professional users.

- Surface treated work table, height adjustable by gear rack and crank
- Polished base features T-slots for clamping of oversize workpieces
- V-belt drive with balanced drive pulleys ensure smooth running
- Adjustable drill depth stop allows precise spindle feed
- High quality ball bearings allow for high concentricity at the spindle
- Powerful 2-step motor, speed range 80 – 2130 rpm
- Switch for right / left rotation comes standard
- Cross line laser device increases work comfort
- Compact, solid, grey cast iron construction in modern design
- Solid, polished steel column suitable for heavy workload



Emergency switch, rotation switch and 2-step switch, located on the front of the machine.



Complete with cross line laser device to achieve high accuracy.

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**Best
Price**



Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 4 / B 18
- Switch for left and right turning
- Cross line laser device
- T-slot nuts
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise 210 mm	28-2005	
Drilling machine vice BM 200	28-2002	
Drilling machine vice BMS 140	28-2019	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Double roller tapping chuck set MT 4, M 3 - M 12	24-1091	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	

Technical data

B 610 Pro

Drilling capacity max.	32 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 4
Spindle speeds	(18) 86 - 2130 rpm
Distance spindle to column	255 mm
Table tiltable	360°
Distance spindle to table max.	750 mm
Distance spindle to base	1220 mm
Spindle stroke	120 mm
Column diameter	92 mm
Table size / T-slot size	385 x 335 mm / 14 mm
Working surface of base	380 x 335 mm
Motor power output S ₁ 100%	0,75 / 1,5 kW (400 V)
Motor power input S ₆ 40%	1,1 / 2,2 kW (400 V)
Machine dimension (W x D x H)	460 x 900 x 1730 mm
Weight approx.	125 kg
Art. no.	01-1113



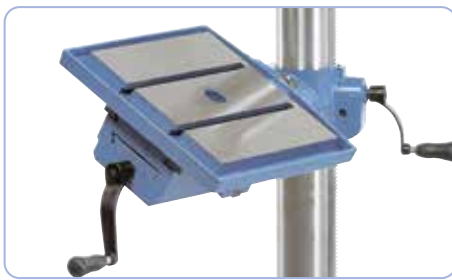
Machine vise 210 mm (Art. no. 28-2005) mounted on the base of the work table. (optional)

2-step motor

Column drilling machines

BM 25 SB BM 32 SB

- Digital display for spindle stroke and LED-lamp comes standard
- Grey cast iron pulleys ensure smooth operation
- High-quality roller bearings guarantees high concentricity, at the spindle
- Large drill table features T-slots and coolant grooves
- Drill table turns 360°, gear rack allows height adjustment
- Switch controls right and left rotation
- Powerful, high-torque aluminium motor in accordance with the IP 54 standard
- Keyless drill chuck included
- Comes with T-slots in polished machine base
- User-friendly handles allow for high comfort when working



Drill table can be tilted 360° and rotates around the column. Machine vise 155 mm (Art. no. 28-2004) mounted on the base of the work table (optional)

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Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BM 200	28-2002	
Drilling machine vise BMI 125	28-2016	
Drilling machine vise BMS 140	28-2019	
Drilling machine vise 155 mm for BM 25 SB	28-2004	
Drilling machine vise 210 mm for BM 32 SB	28-2005	
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Double roller tapping chuck set MT 4, M 3 - M 12	24-1091	
Deluxe clamping kit set 58 pcs., 14 mm / M 12	28-1001	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Quick release arbor MT 3 for core drills	53-1097	
HSS core drill set, 14 - 24 mm, drill depth 25 mm, 6 pcs.	41-11041	
HSS core drill set, 14 - 24 mm, drill depth 50 mm, 6 pcs.	41-11042	
Drill press support	07-1550	

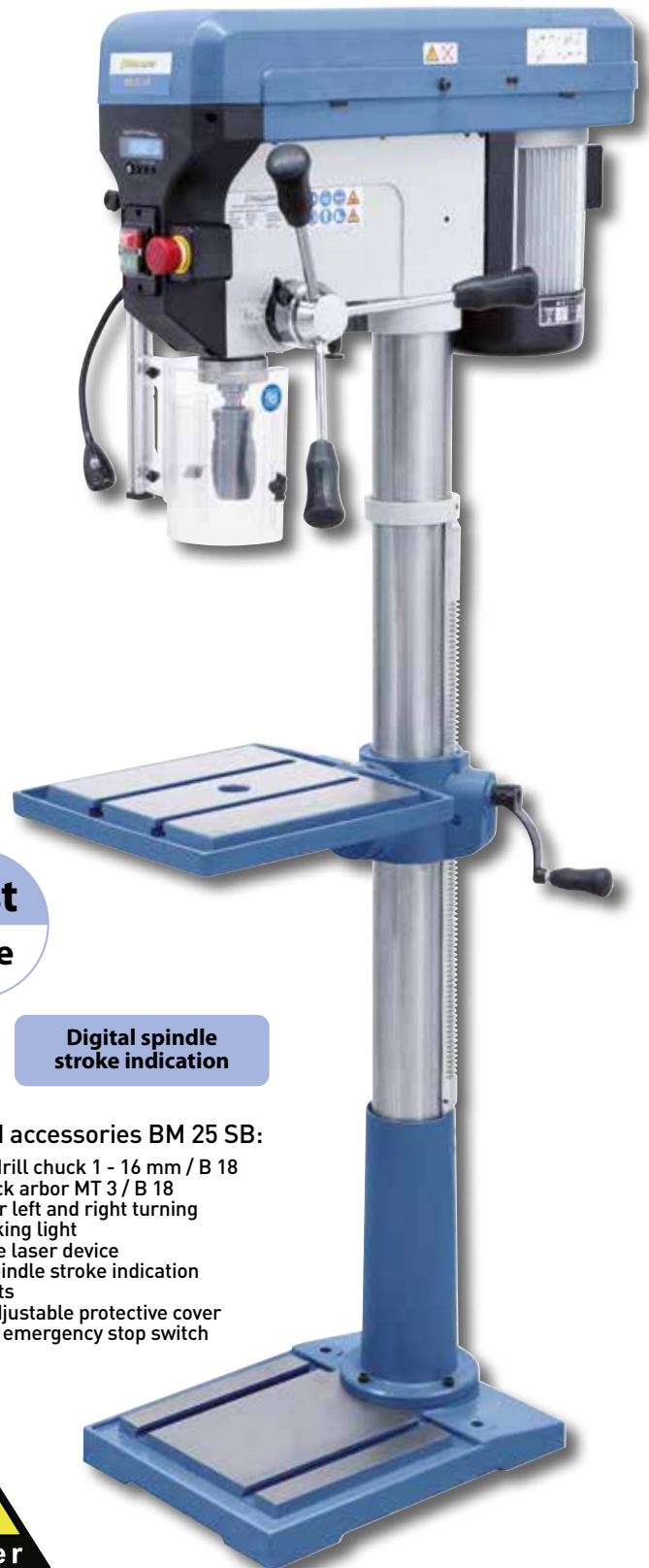
Technical data

BM 25 SB

Drilling capacity max.	25 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 3
Spindle speeds	(12) 150 - 2450 rpm
Distance spindle to column	220 mm
Table tiltable	360°
Distance spindle to table max.	765 mm
Distance spindle to base	1230 mm
Spindle stroke	120 mm
Column diameter	92 mm
Table size / T-slot size	300 x 300 mm / 14 mm
Working surface of base	290 x 270 mm
Motor power output S ₁ 100%	1,1 kW / 400 V
Motor power input S ₆ 40%	1,6 kW / 400 V
Machine dimension (W x D x H)	450 x 750 x 1680 mm
Weight approx.	110 kg
Art. no.	01-1122

Standard accessories BM 25 SB:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 3 / B 18
- Switch for left and right turning
- LED working light
- Cross line laser device
- Digital spindle stroke indication
- T-slot nuts
- Height adjustable protective cover
- Separate emergency stop switch



**Best
Price**

**Digital spindle
stroke indication**

The powerful and state-of-the-art column drilling machines BM 25 SB and BM 32 SB featuring a cross line laser device, a digital display for the spindle stroke and right and left rotation. These models are widely used by experienced craftsmen or in work and repair shops

BM 25 SB BM 32 SB



Top-quality belts allow for optimal transmission.



Digital display for drill depth ensures high comfort.



Powerful aluminium motor in accordance with the IP 54 standard.



Comes complete with keyless drill chuck (1 - 16 mm).



An extendable drill support can be added to stabilize long workpieces.



Includes cross line laser device for high accuracy.



Precision drilling machine vice (210 mm) (optionally available).



The optionally available quick release arbor enables use of core drills.



Including LED working light

Technical data

BM 32 SB

Drilling capacity max.	32 mm
Drill chuck	1 - 16 mm / B 18
Morse taper	MT 4
Spindle speeds	(12) 150 - 2450 rpm
Distance spindle to column	255 mm
Table tiltable	360°
Distance spindle to table max.	750 mm
Distance spindle to base	1210 mm
Spindle stroke	120 mm
Column diameter	92 mm
Table size / T-slot size	385 x 335 / 14 mm
Working surface of base	380 x 335 mm
Motor power output S ₁ 100%	1,1 kW / 400 V
Motor power input S ₆ 40%	1,6 kW / 400 V
Machine dimension (W x D x H)	450 x 800 x 1730 mm
Weight approx.	125 kg
Art. no.	01-1123

Standard accessories BM 32 SB:

- Keyless drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 4 / B 18
- Switch for left and right turning
- LED working light
- Cross line laser device
- Digital spindle stroke indication
- T-slot nuts
- Height adjustable protective cover
- Separate emergency stop switch

Bench drilling machines

The table drilling machine DMT 20 / DMT 20 V offers outstanding performance and top precision at a relatively low cost. The compact construction makes this model highly suitable for general use in workshops.

DMT 20 DMT 20 V

- Protective cover in accordance to CE standards, adjustable to various drill bit sizes
- Surface treated work table, height adjustable via gear rack and crank
- Polished base plate features T-slots for mounting of large workpieces
- Serially with automatic spindle feed (DMT 20 V / DMC 32 VC)
- Adjustable drill depth stop allows accurate spindle feed
- High concentricity $\leq 0,02$ mm measured at spindle
- Powerful motor even at continuous operation
- Solid and powerful drilling machine for high demands
- Including automatic reverse rotation for thread cutting



Balanced grey cast-iron drive pulleys ensure smooth running. The top quality V-belts allow for most efficient transmission.



Polished work table features diagonal T-slots.

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DMT 20



Stepless adjustable spindle feed with separate drive motor

DMT 20 V



Technical data	DMT 20	DMT 20 V
Drilling capacity max.	20 mm	20 mm
Thread cutting max.	M16	M16
Morse taper	MT 2	MT 2
Spindle speeds	(5) 320 - 1820 rpm	(5) 320 - 1820 rpm
Distance spindle to column	240 mm	240 mm
Distance spindle to table max.	360 mm	360 mm
Distance spindle to base	680 mm	680 mm
Spindle stroke	135 mm	135 mm
Spindle feed	-	0 - 110 mm/min
Column diameter	85 mm	85 mm
Table size / T-slot size	252 x 252 mm / 14 mm	252 x 252 mm / 14 mm
Working surface of base	367 x 305 mm	367 x 305 mm
Motor power output S ₁ 100%	1,1 kW / 400 V	1,1 kW / 400 V
Motor power input S ₆ 40%	1,5 kW / 400 V	1,5 kW / 400 V
Machine dimension (W x D x H)	470 x 880 x 1270 mm	470 x 880 x 1270 mm
Weight approx.	192 kg	214 kg
Art. no.	01-1186	01-1187

Standard accessories:

- Drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 2 / B 18
- Automatic spindle feed (DMT 20 V)
- Digital readout of speeds
- Thread cutting device
- LED-machine light
- Height adjustable protective cover

Column drilling machines

The DMC 32 C / DMC 32 VC is a powerful column drilling machine which excels in robust and vibration-free construction. This model is predominantly used in repair shops, mechanical workshops and for training purposes.

DMC 32 C DMC 32 VC



Serially equipped with digital speed indication. Ergonomically arranged control elements at the front.



Treated machine base, serially equipped with integrated coolant pump

Including coolant pump

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DMC 32 C

Spindle feed as standard

DMT 20 V • DMC 32 VC



DMC 32 VC

Technical data	DMC 32 C	DMC 32 VC
Drilling capacity max.	32 mm	32 mm
Thread cutting max.	M20	M20
Morse taper	MT 3	MT 3
Spindle speeds	(5) 320 - 1820 rpm	(5) 320 - 1820 rpm
Distance spindle to column	265 mm	265 mm
Distance spindle to table max.	815 mm	815 mm
Distance spindle to base	1240 mm	1240 mm
Spindle stroke	150 mm	150 mm
Spindle feed	-	0 - 110 mm/min
Column diameter	100 mm	100 mm
Table size / T-slot size	332 x 332 mm / 14 mm	332 x 332 mm / 14 mm
Working surface of base	382 x 312 mm	382 x 312 mm
Motor power output S ₁ 100%	1,5 kW / 400 V	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V	2,2 kW / 400 V
Machine dimension (W x D x H)	570 x 940 x 1950 mm	570 x 940 x 1950 mm
Weight approx.	332 kg	352 kg
Art. no.	01-1188	01-1189

Standard accessories:

- Drill chuck 5 - 20 mm / JT3
- Drill chuck arbor MK 3 / JT3
- Morse taper drill sleeve MK 3 / 2
- Automatic spindle feed (DMC 32 VC)
- Coolant pump
- Digital readout of speeds
- Thread cutting device
- LED-machine light
- Height adjustable protective cover

Bench drilling machine with touchscreen

DMT 20 TSV

- Surface treated work table, height adjustable via gear rack and crank
- Stepless speed setting allows optimal adjustment of cutting speed
- Solid and powerful drilling machine for high demands
- High concentricity $\leq 0,02$ mm measured at spindle
- Convenient operation (speed setting, LED work light,) via touchscreen
- Protective cover in accordance to CE standards, adjustable to various drill bit sizes
- Precisely treated base includes T-slots and integrated coolant device (DMC 32 TSV)
- Powerful motor even at continuous operation
- Including automatic reverse rotation for thread cutting

Vario-Drive


Balanced grey cast-iron drive pulleys ensure smooth running. The top quality V-belts allow for most efficient transmission.



High quality and powerful drive motor.



Ergonomically arranged control elements at the front.



All settings (drilling, tapping, setup, ...) via touchscreen.



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Technical data	DMT 20 TSV
Drilling capacity max.	20 mm
Thread cutting max.	M 16
Morse taper	MT 2
Spindle speeds	205 - 2045 rpm
Distance spindle to column	240 mm
Distance spindle to table max.	360 mm
Distance spindle to base	680 mm
Spindle stroke	135 mm
Column diameter	85 mm
Table size / T-slot size	250 x 250 mm / 14 mm
Working surface of base	365 x 305 mm
Motor power output S ₁ 100%	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V
Machine dimension (W x D x H)	530 x 880 x 1250 mm
Weight approx.	190 kg
Art. no.	01-1191

Standard accessories:

- Drill chuck 1 - 16 mm / B 18
- Drill chuck arbor MT 2 / B 18
- Digital readout of speeds
- Thread cutting device
- LED-machine light
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMH 100	28-2010	
Keyless drill chuck with direct mount MT 2, 1 - 16 mm	24-1071	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	

Column drilling machine with touchscreen

DMC 32 TSV



Comfortable working, all settings are made via the standard touchscreen



Ergonomically arranged handles guarantee smooth spindle feed.



Treated machine base, serially equipped with integrated coolant pump



Technical data

DMC 32 TSV

Drilling capacity max.	32 mm
Thread cutting max.	M 24
Morse taper	MT 3
Spindle speeds	140 - 400 / 400 - 2250 rpm
Distance spindle to column	260 mm
Distance spindle to table max.	810 mm
Distance spindle to base	1235 mm
Spindle stroke	150 mm
Column diameter	100 mm
Table size / T-slot size	330 x 330 mm / 14 mm
Working surface of base	380 x 310 mm
Motor power output S ₁ 100%	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V
Machine dimension (W x D x H)	550 x 900 x 1900 mm
Weight approx.	325 kg
Art. no.	01-1192

Standard accessories:

- Drill chuck 5 - 20 mm / JT3
- Drill chuck arbor MT 3 / JT3
- Morse taper drill sleeve MT 3 / 2
- Coolant pump
- Digital readout of speeds
- Thread cutting device
- LED-machine light
- Height adjustable protective cover

Optional accessories:

- Drilling machine vise BMH 125
- Keyless drill chuck with direct mount MT 3, 1 - 16 mm
- Metric size taper shank drills MT 2 / 3, 9 pcs. - 14,5-30 mm, set B
- Universal coolant fluid MN 1103, 5 l canister

Art. no.	excl. VAT
28-2011	
24-1072	
41-1051	
54-1206	

Vario drilling machine

SB 30 Profi

The SB 30 Profi vario drilling machine is serially equipped with a powerful 2-speed motor. The solid variator-drive guarantees ideal power transmission to spindle.

- Solid, grey cast iron construction with modern design
- Stepless speed adjustment - speed setting can be read on digital readout
- Height adjustment of table via gear rack and crank handle
- Right and left spindle rotation for thread cutting
- Powerful 2-speed motor, ranging from 105 – 1725 rpm
- Base with T-slots for mounting of large workpieces
- Safety switch with undervoltage release
- Spindle runs on high-quality ball bearings

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The enormous vario-drive transmits the speed from the motor to the spindle.

Vario-Drive



Serially equipped with digital speed indication. Ergonomically arranged control elements at the front.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuckarbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2
- Digital readout of speeds
- LED working light
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMH 125	28-2011	
Drilling machine vise BMI 150	28-2017	
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Deluxe clamping kit set 58 pcs., 14 mm / M 12	28-1001	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Keyless drill chuck with direct mount MT 3, 1 - 16 mm	24-1072	
Machine mount MS 80	53-2000	

Technical data

SB 30 Profi

Drilling capacity max.	32 mm
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speed, stepless	105 - 1725 rpm
Distance spindle to column	230 mm
Distance spindle to table max.	690 mm
Distance spindle to base	1180 mm
Spindle stroke	120 mm
Column diameter	100 mm
Table size	400 x 320 mm
T-slot size	14 mm
Working surface of base	320 x 340 mm
Motor power output S ₁ 100%	0,55 / 0,85 kW
Motor power input S ₆ 40%	0,80 / 1,20 kW
Machine dimension (W x D x H)	470 x 810 x 1710 mm
Weight approx.	245 kg
Art. no.	01-1170XL



Optionally available: double roller tapping chuck set MT 3, M3 - M12

Vario drilling machine

SB 40 Profi

Heavy drilling machine with stepless speed adjustment, automatic spindle feed and digital speed indicator. This model is popular in repair workshops and industrial production.

- Vario-drive for precise speed adjustment
- Manual or automatic spindle feed
- Automatic tool release device allows easy tool change
- Speed settings are read quickly on digital readout
- Solid, tiltable grey cast iron table with T-slots and cooling grooves
- Coolant pump and work lamp included as standard accessories
- Adjustable drill depth stop, drill depth can be read on scale
- Right and left turning for thread cutting



Manual or mechanical (0,1 / 0,2 / 0,3 mm/rev.) spindle feed.



Standard accessories: digital speed indicator, automatic tool release device, right and left turning for thread cutting, scale of drill depth

Standard accessories:

- Drill chuck arbor MT 4 / B 16
- Coolant pump
- Digital readout of speeds
- Keyless drill chuck 1 - 16 mm / B 16
- Morse taper drill sleeve MT 4 / 3, MT 4 / 2, MT 3 / 1
- LED working light
- Automatic tool release device
- Height adjustable protective cover



Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMH 125	28-2011	
Drilling machine vise BMS 140	28-2019	
Double roller tapping chuck set MT 4, M 12 - M 24	24-1093	
Deluxe clamping kit set 58 pcs., 14 mm / M 12	28-1001	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C41-1055		
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

SB 40 Profi

Drilling capacity max.	40 mm
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 4
Spindle speed, stepless	90 - 1455 rpm
Distance spindle to column	320 mm
Table tiltable	-50° to +50°
Distance spindle to table max.	590 mm
Distance spindle to base	1155 mm
Spindle stroke	160 mm
Spindle feed	0,1 / 0,2 / 0,3 mm/rev.
Column diameter	120 mm
Table size / T-slot size	505 x 425 mm / 14 mm
Working surface of base	360 x 370 mm
Motor power	1,0 / 1,5 kW
Machine dimension (W x D x H)	500 x 930 x 1870 mm
Weight approx.	380 kg
Art. no.	01-1175XL

Spindle feed as standard



Solid, polished column, drill table tilts from -50° to +50°.



Gearhead drilling machine with digital drill depth indication

GHD 25 TN

- Digital display for drill depth increases comfort
- Drill head swivels 360° and can be adjusted in height
- Large machine table with T-slots
- Helical-teethed gearbox for optimal torque
- Switch for direction of rotation, right and left turning, allows for thread cutting
- High-quality ball bearings ensure optimal concentricity
- Solid, polished steel column, designed for heavy workloads
- Helical gears in combination steel against reinforced fiber material result in high efficiency and smooth run
- Powerful 2-step drive motor allows for 8 speed settings

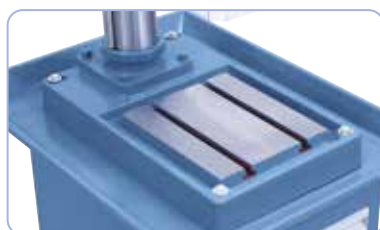


Height adjustable chuck guard and micro switch guarantees high safety standards.



User-friendly arrangement of switches and control elements on gear head.

**Best
Price**



Solid, generously designed machine base with T-slots.

Right-left turning

**Incl. digital drill
depth indication**

2-step drive motor

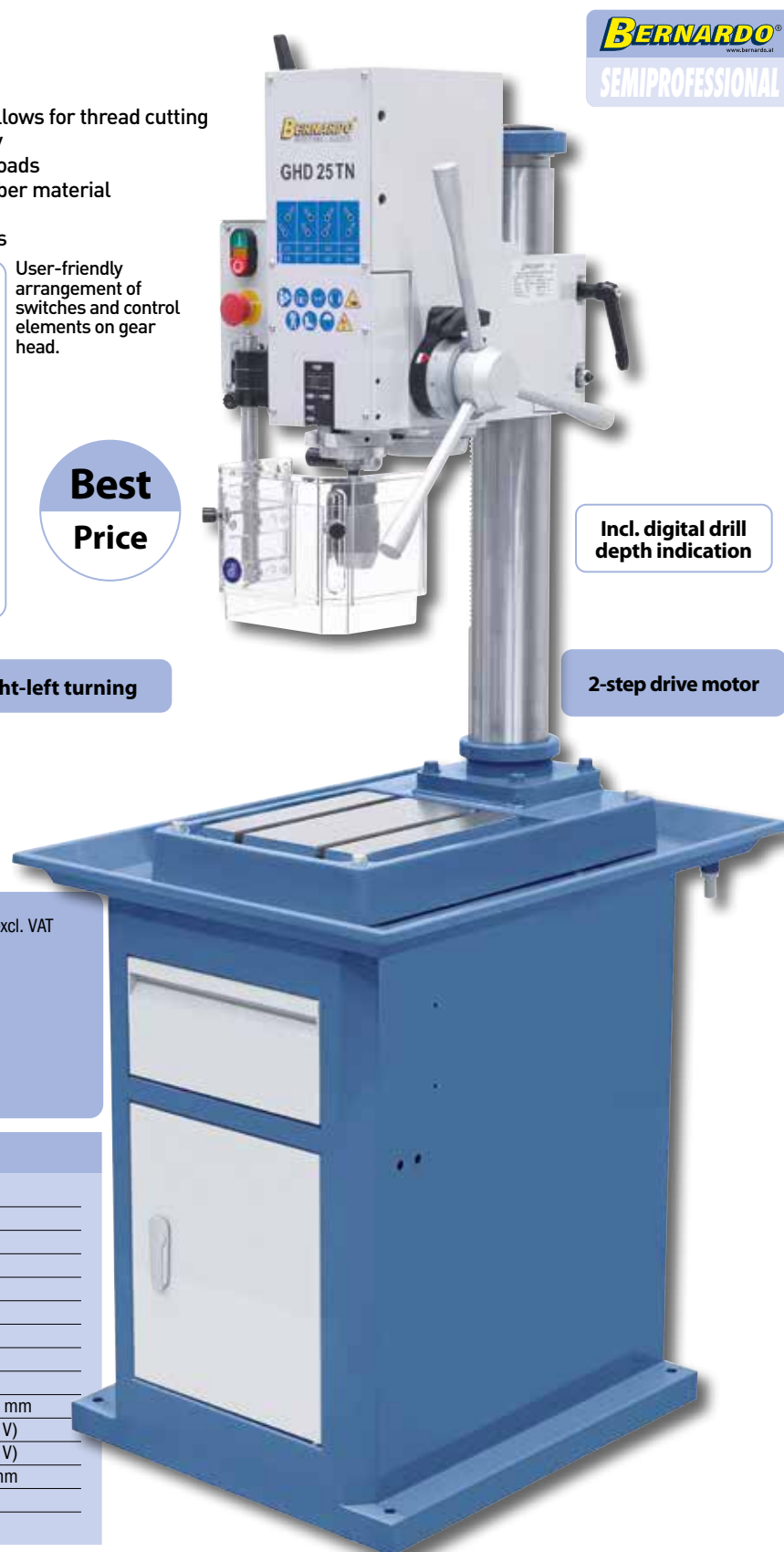
Optional accessories:

	Art. No.	excl. VAT
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Drilling machine vise BMO 150	28-2009	
Drilling machine vise BMH 150	28-2012	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2, 10 pcs. - 14,5-23 mm, set A	41-1046	
Stand BF 3 Deluxe with chip tray	56-1017	

Technical data

	GHD 25 TN
Drilling capacity max.	25 mm
Thread cutting max.	M10
Keyless drill chuck	1 - 16 mm / B 16
Morse taper	MT 3
Spindle speed	(8)105 - 2900 rpm
Distance spindle to column	255 mm
Distance spindle to base	535 mm
Spindle stroke	120 mm
Column diameter	100 mm
Working surface of base / T-slot size	250 x 290 mm / 14 mm
Motor power output S ₁ 100%	0,65 / 1,2 kW (400 V)
Motor power input S ₆ 40%	0,90 / 1,7 kW (400 V)
Machine dimension (W x D x H)*	500 x 570 x 1100 mm
Weight approx.	140 kg
Art. no.	01-1241B

* without stand



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Gearhead drilling machine with digital drill depth indication

GHD 25 SN

- Digital display for drill depth increases comfort
- Helical gears in combination steel against reinforced fiber material ensures high efficiency and smooth run
- Treated machine base for clamping of extraordinary oversize workpieces
- Gear head and work table can be swivelled 360° and adjusted in height
- High-quality ball bearings allow for high concentricity
- Rotation switch for right and left turning for thread cutting
- Helical-tooth gearbox for optimal power transmission
- Solid, polished steel column, designed for high demands
- Powerful 2-step drive motor allows for 8 different speed settings



Crank allows for easy height adjustment of drill head.



Quick and easy adjustment of speed / direction of rotation.

Right-left turning

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2, MT 3 / 1
- Digital drill depth indication
- Automatic tool release device
- Left and right turning
- Height adjustable protective cover

Incl. digital drill depth indication

Optional accessories:

	Art. No.	excl. VAT
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Drilling machine vise BMS 140	28-2019	
Drilling machine vise BMI 150	28-2017	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Coolant pump, 10 l (for self installation) ¹		

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

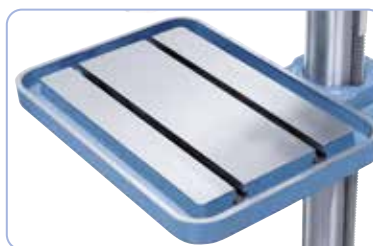
Technical data

GHD 25 SN

Drilling capacity max.	25 mm
Thread cutting max.	M10
Keyless drill chuck	1 - 16 mm / B 16
Morse taper	MT 3
Spindle speeds	(8) 105 - 2900 rpm
Distance spindle to column	255 mm
Distance spindle to table max.	820 mm
Distance spindle to base	1235 mm
Spindle stroke	120 mm
Column diameter	100 mm
Table size / T-slot size	500 x 350 mm / 14 mm
Working surface of base	250 x 290 mm
Motor power output S ₁ 100%	0,65 / 1,2 kW (400 V)
Motor power input S ₆ 40%	0,90 / 1,7 kW (400 V)
Machine dimension (W x D x H)	600 x 600 x 1800 mm
Weight approx.	200 kg
Art. no.	01-1242B



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Polished work table with T-slots running parallel to each other.

Gearhead drilling machine

GB 28 T

The GB 28 T gearhead - table drilling machine offers outstanding performance and top precision at a relatively low cost. The compact construction makes this model highly suitable for general use in workshops. This model is available with or without coolant device.

- Adjustable drill depth stop includes scale
- Lever on gear head allows easy speed adjustment
- High concentricity - spindle runs on high-quality bearings
- Left and right rotation allows thread cutting
- Automatic tool release device and LED working light come standard
- Hardened, polished gear wheels ensure smooth run
- Absolute concentricity $\leq 0,02$ mm, measured at spindle
- Solid, polished steel column is designed for constant use
- Grey, cast-iron table includes T-slots and coolant grooves
- Solid work table (360° turnable), tiltable from -45° to $+45^\circ$



Protective cover in accordance with CE-standards, adjustable to various drill bit sizes.



Ergonomically arranged handles guarantee smooth spindle feed.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2
- Coolant device (Art.-no. 01-12460)
- Automatic tool release device
- Left and right turning
- Height adjustable protective cover
- LED machine light

Optional accessories:

	Art. no.	excl. VAT
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Drilling machine vice BMI 150	28-2017	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Coolant pump 10 l (for self installment) ¹		
Universal coolant fluid MN 1103, 5 l canister	54-1206	
Stand BF 3 Deluxe with chip tray	56-1017	

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

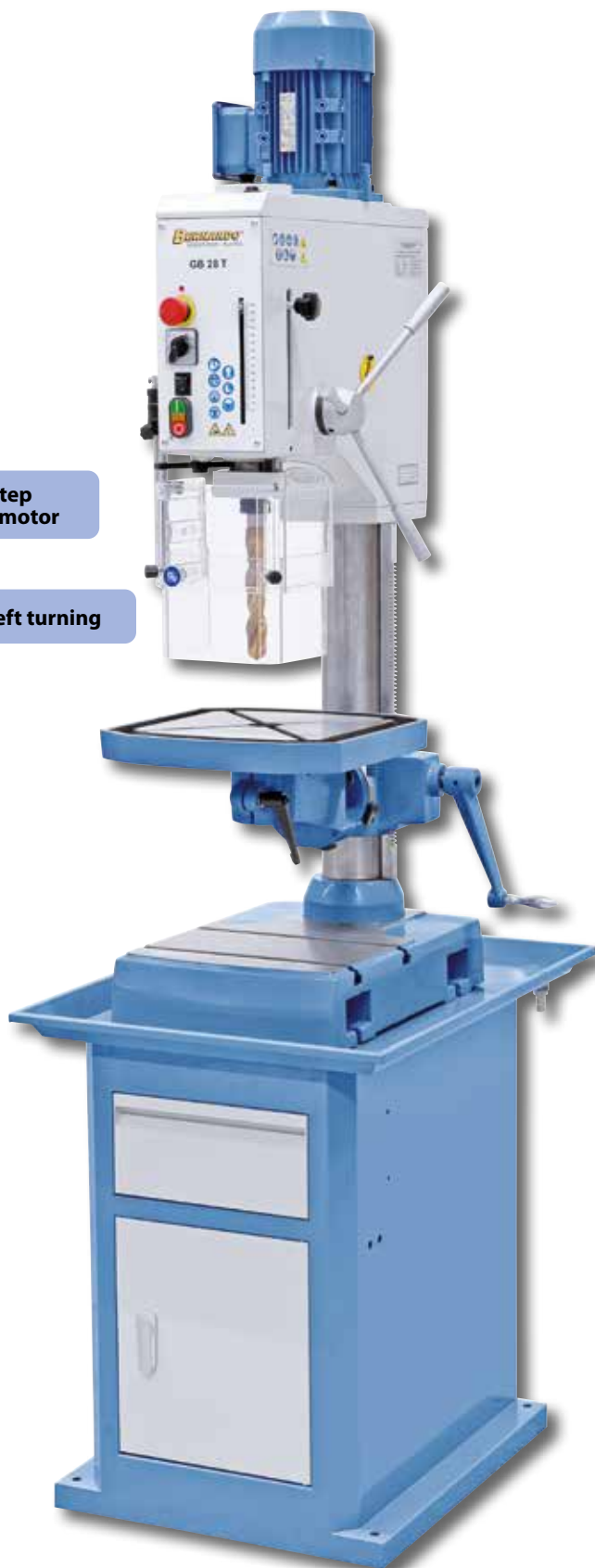
Technical data	GB 28 T
Drilling capacity max.	28 mm
Thread cutting max.	M12
Drill chuck	1 - 13 mm / B16
Morse taper	MT 3
Spindle speeds	(12) 75 - 3200 rpm
Distance spindle to column	250 mm
Distance spindle to table max.	355 mm
Distance spindle to base	620 mm
Spindle stroke	140 mm
Column diameter	100 mm
Working surface of base	335 x 335 mm
Table size / T-slot size	375 x 375 mm / 14 mm
Motor power putput S ₁ 100%	0,85 kW / 1,1 kW (400 V)
Motor power input S ₆ 40%	1,1 kW / 1,5 kW (400 V)
Machine dimension (W x D x H)*	375 x 620 x 1430 mm
Weight approx.	200 kg
GB 28 T	01-1246
GB 28 T incl. coolant device	01-12460

* without stand

2-step
drive motor

Right-left turning

BERNARDO
SEMIPROFESSIONAL



Gearhead drilling machine

The GB 28 S is a powerful gearhead-column drilling machine which excels in robust and vibration-free construction. This model is predominantly used in repair shops, mechanical workshops and for training purposes.

GB 28 S

- Powerful 2-step drive motor allows for 12 different speed setting
- Rotation switch for right and left turning for thread cutting
- Solid work table (360° turnable), tiltable from -45° to +45°
- Treated machine base for clamping of extraordinary oversize workpieces
- High-quality ball bearings allow for high concentricity
- Automatic tool release device allows easy tool change
- Adjustable drill depth stop, drill depth can be read on scale
- Solid, polished steel column suitable for heavy workload
- Polished gear wheels ensure smooth run
- Height adjustable protective cover with micro switch for increased safety



Clearly arranged, accessible control elements allow easy speed change.



Control elements are clearly arranged, serially with thread cutting device.

Right-left turning

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2
- Coolant device (Art.-no. 01-12450)
- Automatic tool release device
- Thread cutting device
- Left and right turning
- Height adjustable protective cover
- LED machine light

Optional accessories:

	Art. no.	excl. VAT
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Drilling machine vice BMS 140	28-2019	
Drilling machine vice BMI 150	28-2017	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Coolant pump 10 l (for self installment) ¹		
Universal coolant fluid MN 1103, 5 l canister	54-1206	

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

Technical data

	GB 28 S
Drilling capacity max.	28 mm
Thread cutting max.	M12
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speeds	(12) 75 - 3200 rpm
Distance spindle to column	250 mm
Distance spindle to table max.	810 mm
Distance spindle to base	1210 mm
Spindle stroke	130 mm
Column diameter	100 mm
Working surface of base	325 x 330 mm
Table size / T-slot size	375 x 375 mm / 14 mm
Motor power output S ₁ 100%	0,85 / 1,1 kW (400 V)
Motor power input S ₆ 40%	1,1 / 1,5 kW (400 V)
Machine dimension (W x D x H)	450 x 600 x 2020 mm
Weight approx.	215 kg
GB 28 S	01-1245
GB 28 S incl. coolant device	01-12450

Work table swivel 360° which is ideal for coordinate drilling.

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Gearhead drilling machine

GHD 28 SV

The GHD 28 SV gearhead column drilling machine is an enhanced version of the GHD 25 SN, complete with right and left turning device as well as automatic drill feed. This model is predominantly used among professionals, in model making as well as in training.

- Digital display for drill depth increases comfort
- Automatic spindle feed (0.04 – 0.03 mm/ rev) comes standard
- Helical toothed gears allow for optimal transmission
- High efficiency and smooth run through helical gears in combination steel against reinforced fiber material
- Automatic spindle feed disconnects when reaching the adjusted drill depth
- Switch for rotation – right or left turning – for thread cutting
- Solid and polished steel column, designed for heavy workloads
- Powerful 2-step motor offers 8 speed settings



Choose between manual or automatic spindle feed.



Digital display for drill depth increases comfort.

Spindle feed as standard

2-step drive motor

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Incl. digital drill depth indication

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2, MT 3 / 1
- Digital drill depth indication
- Automatic tool release device
- Left and right turning
- Height adjustable protective cover

Optional accessories:

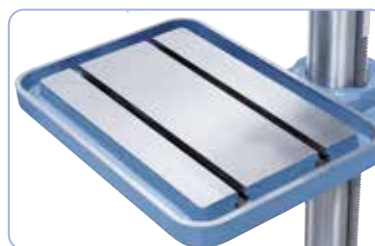
	Art. No.	excl. VAT
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Drilling machine vice BMS 140	28-2019	
Drilling machine vise BMI 150	28-2017	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Coolant pump 10 l (for self installment) ¹		

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

Technical data

GHD 28 SV

Drilling capacity max.	28 mm
Thread cutting max.	M12
Keyless drill chuck	1 - 16 mm / B 16
Morse taper	MT 3
Spindle speeds	(8) 75 - 3010 rpm
Feed range	0,004 / 0,006 / 0,009 / 0,012 / 0,10 / 0,15 / 0,30 mm/rev.
Distance spindle to column	320 mm
Distance spindle to table max.	810 mm
Distance spindle to base	1230 mm
Spindle stroke	150 mm
Column diameter	105 mm
Working surface of base	325 x 360 mm
Table size / T-slot size	500 x 350 mm / 14 mm
Motor power output S ₁ 100%	0,90 / 1,2 kW (400 V)
Motor power input S ₆ 40%	1,35 / 1,7 kW (400 V)
Machine dimension (W x D x H)	600 x 700 x 1900 mm
Weight approx.	290 kg
Art. no.	01-1243B



Polished work table features T-slots running parallel to each other.

Gearhead drilling machine

GB 28 S Vario

The GB 28 S Vario is a powerful gearhead-column drilling machine which excels in robust and vibration-free construction. This model is predominantly used in repair shops, mechanical workshops and for training purposes.

- Stepless speed setting allows optimal adjustment of cutting speed
- Treated machine base (420 x 340 mm) with integrated coolant pump
- Integrated digital display to show the speed and drilling depth
- Solid, grey cast iron table features a tilt- and turnable support
- Hardened, polished gear wheels allow for smooth operation
- Guaranteed concentricity of ≤ 0.02 mm, measured at spindle
- Membrane keyboard ensures user-friendly operation
- Solid and polished steel column, designed for heavy workloads
- Automatic tool release device and thread cutting device come standard



The solid work table with diagonal T-slots can be tilted from -45° to $+45^\circ$.



Intermediate transmission system allows for easy gear settings. Speed selection by potentiometer.



Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2
- Frequency inverter Delta VFD
- Automatic tool release device
- Coolant device
- Thread cutting device
- LED machine light
- Digital speed indication
- Digital drill depth indication
- Height adjustable protective cover

Including coolant pump

Stepless speed adjustment

Optional accessories:

	Art. No.	excl. VAT
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Drilling machine vice BMS 140	28-2019	
Drilling machine vise BMI 150	28-2017	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 28 S Vario

Drilling capacity max.	28 mm
Thread cutting max.	M16
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speed / 2 steps	90 - 980 / 1000 - 3000 rpm
Distance spindle to column	250 mm
Distance spindle to table max.	780 mm
Distance spindle to base	1210 mm
Spindle stroke	135 mm
Column diameter	98 mm
Table size / T-slot size	375 x 375 mm / 14 mm
Working surface of base	420 x 340 mm
Motor power output S ₁ 100%	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V
Machine dimension (W x D x H)	540 x 790 x 2130 mm
Weight approx.	265 kg
Art. no.	01-1288



Gearhead drilling machine

GB 30 T

Low cost and high performance make this gearhead table drill with a drilling capacity of 30 mm a popular model for workshops and locksmiths. This model is available with or without coolant device.

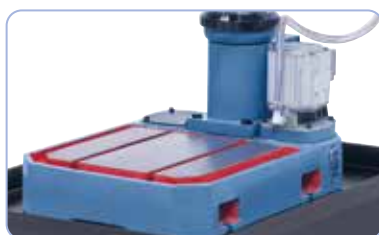
- Adjustable drill depth stop includes scale
- Lever on gear head allows easy speed adjustment
- High concentricity - spindle runs on high-quality bearings
- Left and right rotation allows thread cutting
- Automatic tool release device and LED working light come standard
- Absolute concentricity $\leq 0,02$ mm, measured at spindle
- Grey, cast-iron table includes T-slots and coolant grooves
- Hardened, polished gear wheels ensure smooth run
- Solid, polished steel column is designed for constant use



Crank ensures easy height adjustment of drill head.



BERNARDO keyless drill chuck 1 - 16 mm / B 16 available.



Solid and large machine base features T-slots. Picture show GB 30 T with coolant device

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Optional accessories:

	Art. no.	excl. VAT
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Drilling machine vise BMS 140	28-2019	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Coolant pump 10 l (for self installment) ¹		
Stand for GB 30 T	56-1027	

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

Technical data

GB 30 T

Drilling capacity max.	30 mm
Thread cutting max.	M16
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speeds	(6) 125 - 2825 rpm
Distance spindle to column	240 mm
Distance spindle to base	655 mm
Spindle stroke	115 mm
Column diameter	100 mm
T-slot size	14 mm
Working surface of base	320 x 315 mm
Motor power output S ₁ 100%	0,75 kW / 400 V
Motor power input S ₆ 40%	1,1 kW / 400 V
Machine dimension (W x D x H)*	450 x 700 x 1440 mm
Weight approx.	170 kg
GB 30 T	01-1251
GB 30 T incl. coolant device	01-1250

*without stand



Gearhead drilling machine

GB 30 S

The GB 30 S powerful gearhead column drilling machine features a solid, torsion-free construction. It is mainly used in repair shops, mechanical workshops and training.

- Lever on gear head allows easy speed adjustment
- Adjustable drill depth stop includes scale
- Absolute concentricity $\leq 0,02$ mm, measured at spindle
- Left and right rotation allows thread cutting
- Grey, cast-iron table includes T-slots and coolant grooves
- Automatic tool release device and LED working light come standard
- Polished base plate features T-slots for mounting of oversized workpieces
- High concentricity - spindle runs on high-quality bearings
- Hardened, polished gear wheels ensure smooth run
- Solid, polished steel column is designed for constant use

Best Price



LED working light for optimum lighting



Solid, hand-polished table includes T-slots.



Control elements are clearly arranged on front of machine.



Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2, MT 3 / 1
- Coolant device (Art.-no. 01-1250 or 01-1254)
- Automatic tool release device
- LED working light
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Coolant pump 10 l (for self installment) ¹		
Universal coolant fluid MN 1103, 5 l canister	54-1206	

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

Technical data

GB 30 S

Drilling capacity max.	30 mm
Thread cutting max.	M16
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speeds	(6) 125 - 2825 rpm
Distance spindle to column	240 mm
Distance spindle to table max.	655 mm
Distance spindle to base	1130 mm
Spindle stroke	115 mm
Column diameter	100 mm
Table size / T-slot size	405 x 335 mm / 14 mm
Working surface of base	320 x 315 mm
Motor power output S ₁ 100%	0,75 kW / 400 V
Motor power input S ₆ 40%	1,1 kW / 400 V
Machine dimension (W x D x H)	500 x 700 x 1910 mm
Weight approx.	235 kg
GB 30 S	01-1253
GB 30 S incl. coolant device	01-1254

Right-left turning

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Gearhead drilling machine

GB 30 TV

The GB 30 TV drilling machine offers extra ordinary performance at a moderate price. The solid construction makes this model popular for general applications.

- Precisely treated base includes T-slots and integrated coolant device
- LED working light and automatic tool release device as standard
- Hardened, polished gear wheels ensure smooth running
- Absolute concentricity $\leq 0,02$ mm, measured at spindle
- 3 automatic spindle feeds come standard
- Switch for left and right spindle rotation
- T-slots allow clamping of workpiece
- 2-speed motor allows 12 speed settings
- Drill depth stop includes scale
- Lever on gear head for quick speed adjustment
- Powerful motor even at permanent use



Hand-polished base includes integrated coolant device.



3 automatic feeds as standard.



Control elements are clearly arranged on solidly designed drill head.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve MT 3 / 2, MT 3 / 1
- Automatic tool release device
- LED working light
- Coolant device
- Height adjustable protective cover

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Optional accessories:

	Art. no.	excl. VAT
Stand for GB 30 TV	56-1027	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Drilling machine vise BMS 140	28-2019	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Double roller tapping chuck set MT 3, M 3 - M 12	24-1090	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 30 TV

Drilling capacity max.	32 mm
Thread cutting max.	M20
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speeds	(12) 125 - 3030 rpm
Feed range	0,10 / 0,20 / 0,30 mm/rev.
Distance spindle to column	260 mm
Distance spindle to base	700 mm
Spindle stroke	140 mm
Column diameter	110 mm
Working surface of base	340 x 335 mm
T-slot size	14 mm
Motor power output S ₁ 100%	0,85 / 1,1 kW (400 V)
Motor power input S ₆ 40%	1,1 / 1,5 kW (400 V)
Machine dimension (W x D x H)*	500 x 750 x 1620 mm
Weight approx.	235 kg
Art. no.	01-1252

*without stand



Spindle feed as standard

Vario table drilling machine

GB 35 TV Vario

The GB 35 TV Vario gear drilling machine features stepless speed adjustment, automatic spindle feed and digital speed readout. In addition this model comes complete with a tiltable drill head to allow for a large variety of applications.

- Guaranteed concentricity ≤ 0.02 mm, measured at spindle
- Tiltable drill head -45° to $+45^\circ$ increases the range of applications significantly
- Automatic tool release device allows for fast tool change
- Precisely polished base plate features T-slots and integrated coolant pump
- Includes energy efficient, powerful LED machine lamp
- Transmission wheels – running in oil – ensure smooth operation
- Solid and polished steel column, designed for continuous operation
- Stepless speed adjustment – visible on digital display



Comes complete with automatic triple drill feed.



Reduction gear guarantees straightforward gear setting. Potentiometer allows speed adjustment.

Standard accessories:

- Drill chuck 1 – 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT4/3, MT4/2, MT3/1
- Coolant device
- Electromagnetic spindle feed
- Thread cutting device
- Automatic tool release device
- LED machine light
- Digital readout of speeds
- Initial filling with Shell Tellus 46
- Height adjustable protective cover

Vario-drive

Optional accessories:

	Art. no.	excl. VAT
Stand for GB 35 TV Vario	56-1027	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Drilling machine vise BMH 150	28-2012	
Drilling machine vise BMI 125	28-2016	
Drilling machine vise BMS 140	28-2019	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	

Technical data

GB 35 TV Vario

Drilling capacity in steel	35 mm
Drilling capacity in cast iron	40 mm
Thread cutting max.	M24
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speed / 2 steps	65 - 460 rpm / 460 - 3250 rpm
Feed range	0,1 / 0,2 / 0,3 mm/rev.
Distance spindle to column	320 mm
Distance spindle to base	135 - 650 mm
Spindle stroke	160 mm
Column diameter	120 mm
Working surface of base	360 x 370 mm
T-slot size	14 mm
Motor power output S ₁ 100%	1,5 kW
Motor power input S ₆ 40%	2,2 kW
Machine dimension (W x D x H)	500 x 900 x 1660 mm
Weight approx.	300 kg
Art. no.	01-1255



Gearhead drilling machine

The GB 35 HS gearhead drilling machine features a robust and vibration-free construction. The tiltable, rotatable gear head makes these models ideal for general applications.

GB 35 HS

- 2-speed motor with 12 adjustable speeds, speed range 75 - 3200 rpm
- Serially equipped with keyless drill chuck 1 - 16 mm / B 16
- Large drill table features T-slots and coolant grooves
- Machine base designed to mount oversized workpieces
- Lever allows quick and easy speed change
- Gear head is height adjustable, tilts 180° and rotates 360°
- Polished gear wheels, in oil bath, guarantees smooth running
- Clutch allows change from manual to fine feed
- Right and left turning for thread cutting
- Digital display for spindle feed included



Ergonomically arranged levers allow accurate spindle feed.



Protective cover in accordance with CE-standards, adjustable to various drill bit sizes.

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3
- Height adjustable protective cover
- Digital drill depth indication
- Thread cutting device
- LED machine light
- Tools

2-step
drive motor

Max. speed
3200 rpm

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMI 150	28-2017	
Drilling machine vise BM 200	28-2002	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Morse shank puller MT 4 - MT 6	24-1059	
Double roller tapping chuck set MT 4, M 3 - M 12	24-1091	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	

Technical data

GB 35 HS

Drilling capacity max.	32 mm
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 4
Spindle speeds	(12) 75 - 3200 rpm
Distance spindle to column	295 mm
Distance spindle to table max.	775 mm
Distance spindle to base	1185 mm
Spindle stroke	125 mm
Column diameter	115 mm
Table size	500 x 455 mm
T-slot size	14 mm
Working surface of base	375 x 365 mm
Motor power output S ₁ 100%	1,1 / 1,5 kW (400 V)
Motor power input S ₆ 40%	1,5 / 2,2 kW (400 V)
Machine dimension (W x D x H)	630 x 700 x 2050 mm
Weight approx.	335 kg
Art. no.	01-1261



Best
Price

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Treated base plate with T-slots allows clamping of oversized workpieces

Gearhead drilling machine

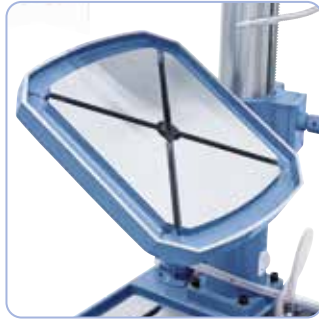
The model GB 35 HSV feature a high speed range (75 - 3200 rpm) as well as a large range of standard accessories (for instance automatic spindle feed, tiltable drill table, coolant device, LED working light etc.), making this machine ideal for mechanics, repair shops and and for training purposes.

GB 35 HSV

- Powerful 2-step motor, speed range 75 - 3200 rpm
- Solid, polished steel column suitable for heavy workload
- Digital display for spindle stroke and LED-lamp comes standard
- Serially equipped with automatic spindle feed and thread cutting device
- Lever allows quick and easy speed change
- Gear head is height adjustable, tilts 180° and rotates 360°
- Polished gear wheels, in oil bath, guarantees smooth running
- Clutch allows change from manual to fine feed
- High-quality ball bearings allow for high concentricity
- Height adjustable protective cover with micro switch for increased safety



The spindle feed can be set to 0,10 / 0,18 / or 0,26 mm/rev.



The solid work table with diagonal T-slots can be tilted from -45° to +45°.

Including digital drill depth indication

Standard accessories:

- Keyless drill chuck 3 - 13 mm / B 18
- Drill chuck arbor MT 4 / B 18
- Coolant device
- Morse taper drill sleeve MT 4 / 3
- Automatic spindle feed
- Height adjustable protective cover
- Digital drill depth indication
- Thread cutting device
- LED-machine light
- Tools

Max. speed 3200 rpm

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Drilling machine vise BMI 150	28-2017	
Deluxe clamping kit set 58 pcs., 14 mm / M 12	28-1001	
Double roller tapping chuck set MT 4, M 3 - M 12	24-1091	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 35 HSV

Drilling capacity max.	32 mm
Drill chuck	3 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds	(12) 75 - 3200 rpm
Feed range	0,10 / 0,18 / 0,26 mm/rev.
Distance spindle to column	295 mm
Distance spindle to table max.	775 mm
Distance spindle to base	1185 mm
Spindle stroke	125 mm
Column diameter	115 mm
Table size	500 x 455 mm
T-slot size	14 mm
Working surface of base	375 x 365 mm
Motor power output S ₁ 100%	1,1 / 1,5 kW (400 V)
Motor power input S ₆ 40%	1,5 / 2,2 kW (400 V)
Machine dimension (W x D x H)	630 x 700 x 2050 mm
Weight approx.	340 kg
Art. no.	01-1266



Right-left turning

Including coolant pump

Treated machine base, serially equipped with integrated coolant pump

Gearhead drilling machine

The GB 32 S Vario is a heavy gear head drilling machine featuring stepless speed adjustment, automatic spindle feed and a digital speed display. This model is mainly used in repair shops and within engineering environments.

GB 32 S Vario

- Stepless speed setting allows optimal adjustment of cutting speed
- Treated machine base (420 x 340 mm) with integrated coolant pump
- Integrated digital display to show the speed and drilling depth
- Solid, grey cast iron table features a tilt- and turnable support
- 3 automatic spindle feeds come standard
- Guaranteed concentricity of ≤ 0.02 mm, measured at spindle
- Membrane keyboard ensures user-friendly operation
- Serially equipped with automatic spindle feed and thread cutting device
- Solid and polished steel column, designed for heavy workloads



The drill feed takes place manual or electro-magnetic clutch



The large drill table can be tilted from -45° to $+45^\circ$.

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Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, MT 3 / 2
- Frequency inverter Delta VFD
- Automatic tool release device
- Coolant device
- Electromagnetic spindle feed
- Thread cutting device
- LED-machine light
- Digital speed indication
- Digital drill depth indication
- Height adjustable protective cover

Stepless speed adjustment

Spindle feed as standard

Optional accessories:

	Art. no.	excl. VAT
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Drilling machine vise BMH 150	28-2012	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

	GB 32 S Vario
Drilling capacity max.	32 mm
Thread cutting max.	M22
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speed / 2 steps	90 - 980 / 1000 - 3000 rpm
Feed range	0,06 / 0,12 / 0,18 mm/rev.
Distance spindle to column	300 mm
Distance spindle to table max.	670 mm
Distance spindle to base	1285 mm
Spindle stroke	160 mm
Column diameter	125 mm
Table size / T-slot size	460 x 460 mm / 14 mm
Working surface of base	420 x 340 mm
Motor power output S ₁ 100%	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V
Machine dimension (W x D x H)	540 x 900 x 2120 mm
Weight approx.	360 kg
Art. no.	01-1289

Treated machine base, serially equipped with integrated coolant pump, tank capacity 7 l, flow rate 6 l/min.



Gearhead drilling machine

GB 32 STi

The GB 32 STi features polished gear wheels ensuring a smooth run. Serially equipped with a tiltable gear head and a digital speed display, this model is suitable for general applications.

- Tiltable drill head (-45° to +45°) increases range of applications
- Tiltable work table (-45° to +45°) features diagonal T-slots and coolant grooves
- Digital display allows easy readout of speed
- Precision made machine base features T-slots and coolant pump
- Gears running in oil bath ensure smooth run
- Serially equipped with electro-magnetic spindle feed to achieve accurate results
- Powerful 2-step drive motor is designed for continuous use
- Hardened and polished gear wheels



The drill feed takes place manual or electro-magnetic clutch

Standard accessories:

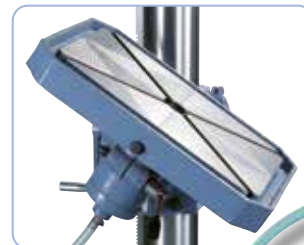
- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4/3, MT 4/2
- Coolant pump
- Electromagnetic spindle feed
- Thread cutting device
- Automatic tool release device
- LED working light
- Digital readout of speeds
- Initial filling with Shell Tellus 46
- Height adjustable protective cover



Quick and easy adjustment of the speed via gearshift on the frontside. The speed can be read at the digital readout.

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Tiltable drillhead from -45° to +45°



Massive and surfaced cast iron table with T-slots and coolant groove.

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Drilling machine vise BMI 150	28-2017	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Deluxe clamping kit set 58 pcs., 14 mm / M 12	28-1001	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Double roller tapping chuck set MT 4, M 12 - M 24	24-1093	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 32 STi

Drilling capacity in steel	32 mm
Drilling capacity in cast iron	35 mm
Thread cutting max.	M20
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / Steps	125 - 3030 rpm / 12
Feed range	0,1 / 0,2 / 0,3 mm/rev.
Distance spindle to column	325 mm
Distance spindle to table max.	690 mm
Distance spindle to base	1250 mm
Spindle stroke	160 mm
Column diameter	120 mm
Table size / T-slot size	500 x 420 mm / 14 mm
Working surface of base	365 x 370 mm
Motor power output S ₁ 100%	1,0 / 1,2 kW
Motor power input S ₆ 40%	1,5 / 1,8 kW
Machine dimension (W x D x H)	570 x 900 x 2200 mm
Weight approx.	415 kg
Art. no.	01-1275XL

Gearhead drilling machine

GB 30 Vario

The GB 30 Vario is a heavy gear head drilling machines featuring stepless speed adjustment, automatic spindle feed and a digital speed display. This model is mainly used in repair shops and within engineering environments.

- Automatic tool release device and thread cutting device come standard
- Stepless speed setting allows optimal adjustment of cutting speed
- T-slots in machine base allow clamping of oversize workpieces
- Guaranteed concentricity $\leq 0,02$ mm, measured at spindle
- Electromechanic drill feed, adjustable from 0.1 - 0.3 mm/rev.
- Hardened, polished gear wheels allow for smooth operation
- Solid, grey cast iron table features a tilt- and turnable support
- Adjustable drill depth stop includes scale for easy readout



Drill feed made manually or by electromagnetic clutch



Intermediate transmission system allows for easy gear settings. Speed selection by potentiometer

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 3 / B 16
- Morse taper drill sleeve
- Coolant device
- Thread cutting device
- Electromagnetic spindle feed
- Automatic tool release device
- LED machine light
- Initial filling with Shell Tellus 46
- Digital readout of speeds
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMH 150	28-2012	
Drilling machine vise BMS 140	28-2019	
Keyless drill chuck with direct mount MT 3, 1 - 16 mm	24-1072	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Stepless speed adjustment

Max. speed
3500 rpm

Protective cover in accordance with CE-standards, adjustable to various drill bit sizes.



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Technical data

GB 30 Vario

Drilling capacity in steel	32 mm
Drilling capacity in cast iron	35 mm
Thread cutting max.	M22
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 3
Spindle speeds / 2 steps	70 - 495 / 495 - 3500 rpm
Feed range	0,1 / 0,2 / 0,3 mm/rev.
Distance spindle to column	280 mm
Distance spindle to table max.	650 mm
Distance spindle to base	1120 mm
Spindle stroke	125 mm
Column diameter	110 mm
Table size / T-slot size	420 x 350 mm / 14 mm
Working surface of base	340 x 330 mm
Motor power output S ₁ 100%	1,1 kW
Motor power input S ₆ 40%	1,5 kW
Machine dimension (W x D x H)	500 x 800 x 2100 mm
Weight approx.	320 kg
Art. no.	01-1304XL

Gearhead drilling machine

GB 35 THS

The GB 35 THS gear head drilling machine is serially equipped with a motorized table stroke to reduce down-time. The digital readout of drill depth and speed as well as the electro magnetic spindle feed round off the standard features.

- Serially equipped with motorized table height adjustment
- Automatic tool release device and thread cutting device come standard
- Lever on gear head allows quick and easy speed change
- Digital readout of speed and drill depth come standard
- Treated machine base (430 x 440 mm) with integrated coolant pump
- Electromagnetic spindle feed for precise work
- Quality bearings guarantees high concentricity
- Solid, hand-polished, grey cast iron table with tilt- and turnable support



Large drill table tilts -45° to +45° and rotates.



Motorized table stroke noticeably reduces non-productive times.



Control elements ergonomically arranged on solid gear head. Digital displays for drill depth and speed come standard.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, MT 4 / 2, MT 3 / 1
- Motoric table stroke
- Electromagnetic spindle feed
- Initial filling with Shell Tellus 46
- Automatic tool release device
- Thread cutting device
- Digital readout of speeds
- LED working light
- Coolant pump
- Digital readout of drill depth
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
170 pcs. set TiN-coated HSS drills	41-1025	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Machine mount MS 80	53-2000	

Technical data

GB 35 THS

Drilling capacity in steel	35 mm
Drilling capacity in cast iron	40 mm
Thread cutting max.	M24
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds	(12) 43 - 2355 rpm
Feed range	0,1 / 0,2 / 0,3 / 0,4 mm/rev.
Distance spindle to column	340 mm
Distance spindle to table max.	580 mm
Distance spindle to base	1185 mm
Spindle stroke	200 mm
Column diameter	160 mm
Table size / T-slot size	540 x 440 mm / 14 mm
Working surface of base	430 x 440 mm
Motor power	1,3 / 1,8 kW
Machine dimension (W x D x H)	660 x 900 x 2240 mm
Weight approx.	553 kg
Art. no.	01-1286XL



motorized table stroke

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Gearhead drilling machines

GB 35 Vario

The GB 35 Vario is a heavy gear head drilling machine featuring stepless speed adjustment, automatic spindle feed and a digital speed display. This model is mainly used in repair shops and within engineering environments.

- Stepless speed setting allows optimal adjustment of cutting speed
- Automatic tool release device and thread cutting device come standard
- Electromechanic drill feed, adjustable from 0.1 – 0.3 mm/rev.
- Solid, grey cast iron table features a tilt- and turnable support
- T-slots in machine base allow clamping of oversize workpieces
- Guaranteed concentricity of ≤ 0.02 mm, measured at spindle
- Hardened, polished gear wheels allow for smooth operation
- Adjustable drill depth stop includes scale for easy readout

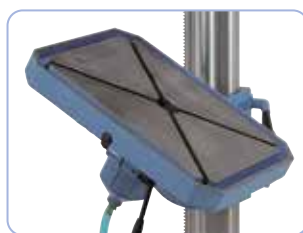


Intermediate transmission system allows for easy gear settings. Speed selection by potentiometer.

Digital display for speed comes standard. All switches and control elements are clearly arranged.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve
- Coolant pump
- Thread cutting device
- Electromagnetic spindle feed
- Automatic tool release device
- LED machine light
- Initial filling with Shell Tellus 46
- Digital readout of speeds
- Height adjustable protective cover



The solid work table with diagonal T-slots can be tilted from -45° to $+45^\circ$.

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Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Drilling machine vise BMH 150	28-2012	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 35 Vario

Drilling capacity in steel	35 mm
Drilling capacity in cast iron	40 mm
Thread cutting max.	M24
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / 2 steps	65 - 460 / 460 - 3250 rpm
Feed range	0,1 / 0,2 / 0,3 mm/rev.
Distance spindle to column	320 mm
Distance spindle to table max.	580 mm
Distance spindle to base	1145 mm
Spindle stroke	160 mm
Column diameter	120 mm
Table size / T-slot size	500 x 420 mm / 14 mm
Working surface of base	365 x 370 mm
Motor power output S ₁ 100%	1,5 kW
Motor power input S ₆ 40%	2,2 kW
Machine dimension (W x D x H)	600 x 870 x 2170 mm
Weight approx.	375 kg
Art. no.	01-1301XL

Best
Price



Vario-drive



Gearhead drilling machine

GB 40 S

The GB 40 S solid gearhead drilling machine is suitable for a large variety of applications, such as tapping, countersinking etc. Most commonly this model is used in repair shops or in production of small parts or low volume productions.

- Gears operating in oil ensure smooth machine run
- Comes complete with automatic spindle feed, tapping device and work lamp
- Solid work table turns 360° and features diagonal T-slots and coolant groove
- Includes integrated coolant pump in machine base
- Lever on gear box allows for speed settings
- Powerful motor even at continuous operation
- Height adjustable protective cover according to CE standards guarantees high safety
- Adjustable drill depth stop with scale



User-friendly arrangement of switches and control elements on gear head.



Machine comes complete with automatic spindle feed and work lamp to ensure precise workmanship.

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18 gear steps
come standard

Spindle feed
as standard



Well executed machine base features integrated coolant pump (7 l volume, 6 l/min output).

Standard accessories:

- Keyless drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Coolant device
- Electromagnetic spindle feed
- Thread cutting device
- Initial filling with Shell Tellus 46
- LED machine light
- Automatic tool release device
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Deluxe clamping kit set 58 pcs., 18 mm, M 16	28-1003	
Morse shank puller MT 4 - MT 6	24-1059	
Double roller tapping chuck set MT 4, M 12 - M 24	24-1093	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	

Technical data

GB 40 S

Drilling capacity max.	40 mm
Thread cutting max	M24
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds	(18) 50 - 1450 rpm
Feed range	0,1 / 0,2 mm/rev.
Distance spindle to column	345 mm
Distance spindle to table max.	695 mm
Distance spindle to base	1200 mm
Spindle stroke	180 mm
Column diameter	140 mm
Table size / T-slot size	555 x 555 mm / 18 mm
Working surface of base	505 x 540 mm
Motor power output S ₁ 100%	0,85 kW / 1,5 kW
Motor power input S ₆ 40%	1,1 kW / 2,2 kW
Machine dimension (W x D x H)	560 x 960 x 2250 mm
Weight approx.	460 kg
Art. no.	01-1281XL

Gearhead drilling machines

GB 40 S Vario GB 40 SN Vario

- Stepless speed setting allows optimal adjustment of cutting speed
- High-quality base with T-slots allows clamping of overly long workpieces
- Includes 2 automatic spindle feeds, adjustable electromagnetically
- Worktable swivels horizontally around column, 45° tiltable left and right
- Hardened, polished gear wheels allow for smooth operation
- Guaranteed concentricity of ≤ 0.02 mm, measured at spindle
- Membrane keyboard ensures user-friendly operation
- Automatic tool release device and thread cutting device come standard



Intermediate transmission system allows for easy gear settings. Speed selection by potentiometer.



Model GB 40 SN Vario with solid angle table as standard.

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4/3, MT 3/2
- Frequency inverter Delta VFD
- Automatic tool release device
- Coolant device
- Electromagnetic spindle feed
- Thread cutting device
- LED-machine light
- Digital speed indication
- Digital drill depth indication
- Height adjustable protective cover

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Stepless speed adjustment

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 200	28-2020	
Deluxe clamping kit set 58 pcs., 18 mm, M 16	28-1003	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

	GB 40 S Vario	GB 40 SN Vario
Drilling capacity max.	40 mm	40 mm
Thread cutting max.	M24	M24
Drill chuck	1 - 16 mm / B 16	1 - 16 mm / B 16
Morse taper	MT 4	MT 4
Spindle speed / 2 steps	55 - 550 / 200 - 2000 rpm	55 - 550 / 200 - 2000 rpm
Feed range	0,1 / 0,2 mm/rev.	0,1 / 0,2 mm/rev.
Distance spindle to column	340 mm	340 mm
Distance spindle to table max.	675 mm	675 mm
Distance spindle to base	1195 mm	1195 mm
Spindle stroke	190 mm	190 mm
Column diameter	150 mm	150 mm
Table size / T-slot size	555 x 555 mm / 18 mm	560 x 520 mm / 18 mm
Vertical clamping area / T-slot size	-	560 x 250 mm / 18 mm
Working surface of base	535 x 505 mm	535 x 505 mm
Motor power output S ₁ 100%	2,2 kW / 400 V	2,2 kW / 400 V
Motor power input S ₆ 40%	3,0 kW / 400 V	3,0 kW / 400 V
Machine dimension (W x D x H)	620 x 1000 x 2300 mm	620 x 1000 x 2300 mm
Weight approx.	475 kg	505 kg
Art. no.	01-1290XL	01-1291XL



Gearhead drilling machine

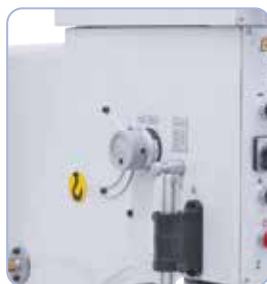
GB 40 SN

The gear head drilling machine is solidly constructed and powerful, making this model ideal for repair shops as well as industrial production. Increased range of applications by the serially angle table featuring additional clamping possibilities.

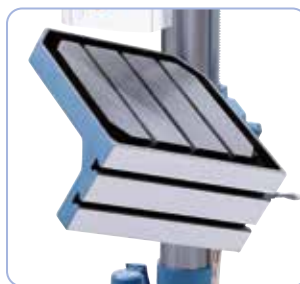
- Comes complete with automatic spindle feed, tapping device and work lamp
- Hardened gears with a smooth finish ensure a smooth run
- High-quality base with T-slots allows clamping of overly long workpieces
- Worktable swivels horizontally around column, 90° tiltable left and right
- Right and left spindle rotation allows thread-cutting
- Lever on gear box allows for speed settings
- High concentricity $\leq 0,02$ mm, measured at spindle
- Protective cover with limit switch for increased security



Control elements on front of machine make operating very user-friendly.



Serially equipped with automatic, double drill feed.



Solid work table, turn- and tiltable, for universal clamping possibilities.

Standard accessories:

- Keyless drill chuck 1 - 16 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3
- Coolant device
- Electromagnetic spindle feed
- Thread cutting device
- Initial filling with Shell Tellus 46
- LED machine light
- Automatic tool release device
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 200	28-2020	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Deluxe clamping kit set 58-pcs., 18 mm, M 16	28-1003	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 40 SN

Drilling capacity max.	40 mm
Thread cutting max	M24
Drill chuck	1 - 16 mm / B 16
Morse taper	MT 4
Spindle speeds	(18) 50 - 1450 rpm
Feed range	0,1 / 0,2 mm/rev.
Distance spindle to column	345 mm
Distance spindle to table max.	680 mm
Distance spindle to base	1200 mm
Spindle stroke	195 mm
Column diameter	140 mm
Table size / T-slot size	560 x 520 mm / 18 mm
Vertical clamping area / T-slot size	560 x 250 mm / 18 mm
Working surface of base	505 x 540 mm
Motor power output S ₁ 100%	0,85 kW / 1,5 kW
Motor power input S ₆ 40%	1,1 kW / 2,2 kW
Machine dimension (W x D x H)	560 x 930 x 2250 mm
Weight approx.	495 kg
Art. no.	01-1293XL



**Best
Price**

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Gearhead drilling machine

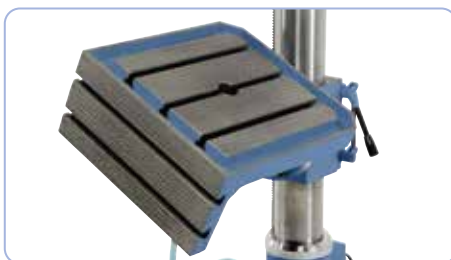
GB 40 N

The GB 40 N gear head drilling machine is solidly constructed and powerful, making this model ideal for repair shops as well as industrial production. Increased range of applications by the serially angle table featuring additional clamping possibilities.

- Hardened gears with a smooth finish ensure a smooth run
- High concentricity $\leq 0,02$ mm, measured at spindle
- Wide speed range 75 – 2020 rpm (12 steps) allows efficient work
- Coolant device and work lamp come standard
- Right and left spindle rotation allows thread-cutting
- Includes 3 automatic spindle feeds, adjustable electromagnetically
- Worktable swivels horizontally around column, 45° tiltable left and right
- High-quality base with T-slots allows clamping of overly long workpieces



Control elements on front of machine make operating very user-friendly.



Solid work table, turn- and tiltable, for universal clamping possibilities.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4/3, MT 4/2, MT 3/1
- Automatic tool release device
- Thread cutting device
- Electromagnetic spindle feed
- Initial filling with Shell Tellus 46
- LED working lamp
- Coolant device
- Height adjustable protective cover



Serially equipped with automatic, triple drill feed.

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 200	28-2020	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Deluxe clamping kit set 58-pcs., 18 mm, M 16	28-1003	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

	GB 40 N
Drilling capacity in steel	40 mm
Drilling capacity in cast iron	45 mm
Thread cutting max.	M24
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds	(12) 75 - 2020 rpm
Feed range	0,12 / 0,24 / 0,40 mm/rev.
Distance spindle to column	340 mm
Table tiltable	-45° to +45°
Distance spindle to table max.	580 mm
Distance spindle to base	1200 mm
Spindle stroke	195 mm
Column diameter	140 mm
Table size / T-slot size	500 x 540 mm / 18 mm
Vertical clamping area / T-slot size	500 x 240 mm / 18 mm
Working surface of base	400 x 410 mm
Motor power output S ₁ 100%	1,5 kW / 400 V
Motor power input S ₆ 40%	2,2 kW / 400 V
Machine dimension (W x D x H)	570 x 850 x 2230 mm
Weight approx.	490 kg
Art. no.	01-1292XL

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Price**

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Gearhead drilling machine

GB 40 HS

The GB 40 HS drilling machine comes with a wide range of standard accessories making it great value for money. The machine is widely used among mechanics and machine construction.

- Includes motorized table stroke and digital displays for drill depth and speed
- Hand-polished, grey cast-iron table, tiltable from -45° to +45°
- T-slots in base allow mounting of oversized workpieces
- Automatic tool release device allows quick change of drilling tools
- Electromechanic feed, adjustable from 0,1 to 0,4 mm/rev.
- Gear shift located on front of machine allows quick speed change
- Adjustable drill depth stop includes scale for easy readout
- Protective cover with limit switch for increased security
- Excellent illumination at working by LED machine light



Convenient, motorized table height adjustment.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Motoric table stroke
- Coolant pump
- Electromagnetic spindle feed
- Thread cutting device
- Morse taper drill sleeve MT 2 / 3, MT 4 / 2
- Automatic tool release device
- Initial filling with Shell Tellus 46
- LED machine light
- Digital readout of speeds
- Digital readout of drill depth
- Height adjustable protective cover



User-friendly arranged control elements.

Max. speed
2120 rpm

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Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Drilling machine vise BMH 150	28-2012	
Deluxe clamping kit set 58 pcs., 14 mm, M 12	28-1001	
Metric size taper shank drills MT 2/3, 9 pcs. - 14,5-30 mm, set B	41-1051	
Machine mount MS 80	53-2000	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 40 HS

Drilling capacity in steel	40 mm
Drilling capacity in cast iron	45 mm
Thread cutting max.	M32
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / Steps	55 - 2120 rpm / 12
Feed range	0,1 / 0,2 / 0,3 / 0,4 mm/rev.
Distance spindle to column	355 mm
Distance spindle to table max.	580 mm
Distance spindle to base	1185 mm
Spindle stroke	200 mm
Column diameter	180 mm
Table size / T-slot size	580 x 460 mm / 14 mm
Motor power	2,2 kW
Machine dimension (W x D x H)	700 x 950 x 2280 mm
Weight approx.	563 kg
Art. no.	01-1296XL



motorized table stroke

Treated machine base, serially equipped with integrated coolant pump, tank capacity 7 l, flow rate 6 l/min.

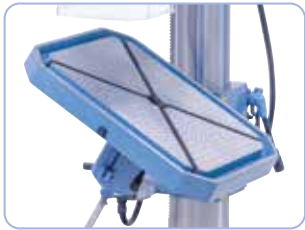
Gearhead drilling machine

The GB 40 NC Vario gear head drilling machine is equipped with a motorized table stroke. Further features include the digital display for drill depth and speed, the electromagnetic spindle feed and the stepless speed adjustment.

GB 45 NC Vario

NEW

- Stepless speed adjustment, easy readout on digital display
- Motorized table stroke reduces downtime significantly
- Choose between 4 automatic spindle feeds, set by electromagnetic clutch
- Table turns around the column horizontally and tilts 45° to both sides
- Surface treated machine base (400 x 410 mm) with integrated coolant pump
- Guaranteed concentricity of ≤ 0.02 mm measured at spindle
- Hardened, polished gear wheels guarantees smooth operation
- Large touchscreen for all settings
- Powerful drive motor designed for longer use



The large drill table can be tilted from -45° to $+45^\circ$.



Equipped with automatic spindle feed and digital display for drill depth to allow accurate operation.



Intermediate transmission system allows for easy gear settings. Speed selection at the control panel.

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, 4 / 2, 3 / 1
- Motoric table stroke
- Coolant device
- Touchscreen
- Thread cutting device
- Electromagnetic spindle feed
- Automatic tool release device
- LED machine light
- Initial filling with Shell Tellus 46
- Digital speed indication
- Digital drill depth indication
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 140	28-2019	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

	GB 45 NC Vario
Drilling capacity in steel	40 mm
Drilling capacity in cast iron	45 mm
Thread cutting max.	M32
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / 2 steps	60 - 400 / 392 - 2600 rpm
Feed range	0,1 / 0,2 / 0,3 / 0,4 mm/rev.
Distance spindle to column	340 mm
Distance spindle to table max.	595 mm
Distance spindle to base	1205 mm
Spindle stroke	210 mm
Column diameter	140 mm
Table size / T-Slot size	540 x 435 mm / 14 mm
Working surface of base	400 x 410 mm
Motor power	2,0 kW
Machine dimension (W x D x H)	700 x 950 x 2270 mm
Weight approx.	500 kg
Art. no.	01-1308XLO

Vario-drive
Large touchscreen
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Gearhead drilling machine

GB 50 HS

The GB 50 HS drilling machine comes with a wide range of standard accessories making it great value for money. The solid construction and the large drilling capacity of 50 mm make this model suitable for industrial and series production.

- Motorized table stroke reduces non-production times
- Thread cutting device and automatic tool release device as standard
- Solid, vibration-free construction ensures accurate results
- Solid, polished steel column suitable for heavy workload
- Digital displays for speed and drill depth
- Solid grey cast iron table with tilt- and rotatable support
- Wide range of standard equipment increases efficiency
- Hardened and polished gear wheels ensure smooth running
- 4 automatic spindle feeds via electromagnetic clutch



Lever allow easy and quick speed change.



Serially equipped with automatic, quadruple drill feed.

**Max. speed
2100 rpm**

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4/3, MT 4/2
- Motoric table stroke
- Coolant pump
- Electromagnetic spindle feed
- Thread cutting device
- Automatic tool release device
- LED machine light
- Initial filling with Shell Tellus 46
- Digital readout of speeds
- Digital readout of drill depth
- Height adjustable protective cover



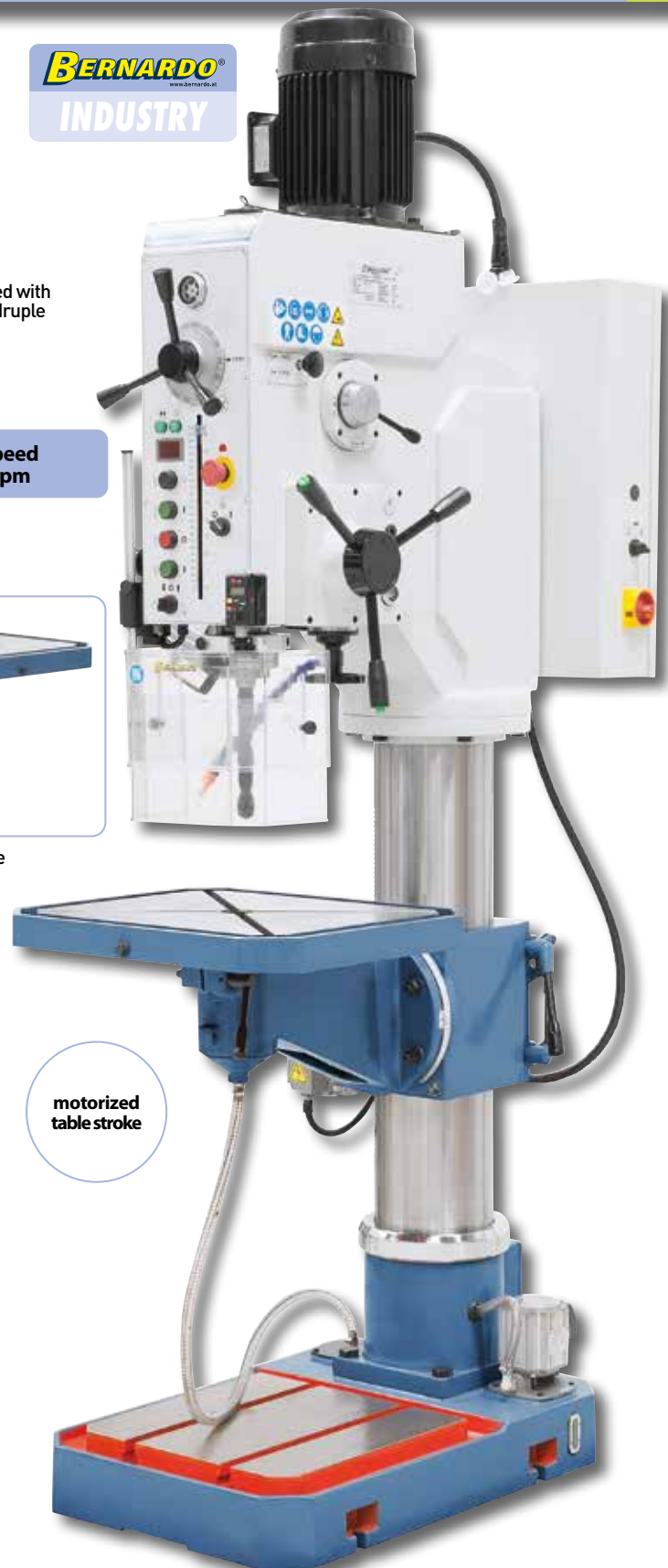
Tilt- and rotatable, hand-polished drill table includes positioning motor.

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 200	28-2020	
Drilling machine vise BMI 150	28-2017	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Keyless drill chuck 1 - 16 mm / B 16	24-1082	

Technical data

	GB 50 HS
Drilling capacity in steel	50 mm
Drilling capacity in cast iron	60 mm
Thread cutting max.	M42
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / Steps	40 - 2100 rpm / 12
Feed range	0,1 / 0,2 / 0,3 / 0,4 mm/rev.
Distance spindle to column	370 mm
Distance spindle to table max.	600 mm
Distance spindle to base	1190 mm
Spindle stroke	250 mm
Column diameter	200 mm
Table size / T-slot size	600 x 500 mm / 14 mm
Motor power	2,2 / 2,8 kW
Machine dimension (W x D x H)	700 x 1050 x 2350 mm
Weight approx.	670 kg
Art. no.	01-1294XL



**motorized
table stroke**

Gearhead drilling machine

GB 55 NC Vario

The GB 55 NC Vario column drilling machine comes with stepless speed setting, allowing ideal adjustment of cutting speed to each workpiece. The solid, large construction of this model attracts primarily professional engineers as well as the machine constructions or in workshops.

- All settings are made directly on the large touchscreen display
- Motorized table height adjustment included
- 6 automatic drill feeds are controlled by electromagnetic clutch
- Solid, grey cast iron, surface treated drill table can be tilted from -45° to $+45^\circ$
- Polished base features T-slots for clamping of larger workpieces
- Guaranteed concentricity of ≤ 0.02 mm, measured at spindle
- Automatic tool release device and tapping device as standard equipment
- Smooth gear wheels, in oil bath, allow for a smooth run
- Solid, polished steel column, heavy-duty design



Drill feed made manually or by electromagnetic clutch.

NEW



Large touchscreen for all settings, such as speed, drilling, left and right turning, height adjustment of work table,....

Standard accessories:

- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, MT 4 / 2, MT 3 / 1
- Motoric table stroke
- Coolant device
- Touchscreen
- Electromagnetic spindle feed
- Automatic tool release device
- Thread cutting device
- LED machine light
- Initial filling with Shell Tellus 46
- Digital speed indication
- Digital drill depth indication
- Height adjustable protective cover

Optional accessories:

	Art. no.	excl. VAT
Drilling machine vise BMS 200	28-2020	
Keyless drill chuck with direct mount MT 4, 1 - 16 mm	24-1073	
170 pcs. set TiN-coated HSS drills	41-1025	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Machine mount MS 80	53-2000	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Technical data

GB 55 NC Vario

Drilling capacity in steel	50 mm
Drilling capacity in cast iron	60 mm
Thread cutting max.	M42
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / 2 steps	50 - 316 / 316 - 2200 rpm
Feed range	0,08 / 0,12 / 0,17 / 0,24 / 0,35 / 0,50 mm/rev.
Distance spindle to column	360 mm
Distance spindle to table max.	580 mm
Distance spindle to base	1185 mm
Spindle stroke	225 mm
Column diameter	180 mm
Table size / T-Slot size	570 x 480 mm / 14 mm
Working surface of base	435 x 445 mm
Motor power	3,0 kW
Machine dimension (W x D x H)	750 x 1020 x 2340 mm
Weight approx.	630 kg
Art. no.	01-1309XL0

Integrated coolant device, tank capacity 7 l, flow rate 6 l/min.



BERNARDO
INDUSTRY

Drilling machine with cross table and vario drive

GB 50 SK NC Vario

- Stepless speed adjustment comes standard, easy readout on digital display
- Many possible applications, such as groove milling, face milling, reboring etc.
- Membrane keyboard ensures user-friendly operation
- Comes complete with automatic spindle feed and thread cutting device
- Precisely finished base plate features T-slot and integrated coolant pump
- Protective cover in accordance to CE standards, adjustable to various drill bit sizes
- Complete with digital readout in 2 axis (x and y) raises productivity
- Tilttable drill head (-45° to +45°) increases range of applications
- Includes 6 automatic spindle feeds, adjustable electromagnetically

Tilttable drillhead from -45° to +45°

BERNARDO
INDUSTRY



Solid gear head features ergonomically arranged switches and control elements. Digital display for drill depth and speed setting comes standard.



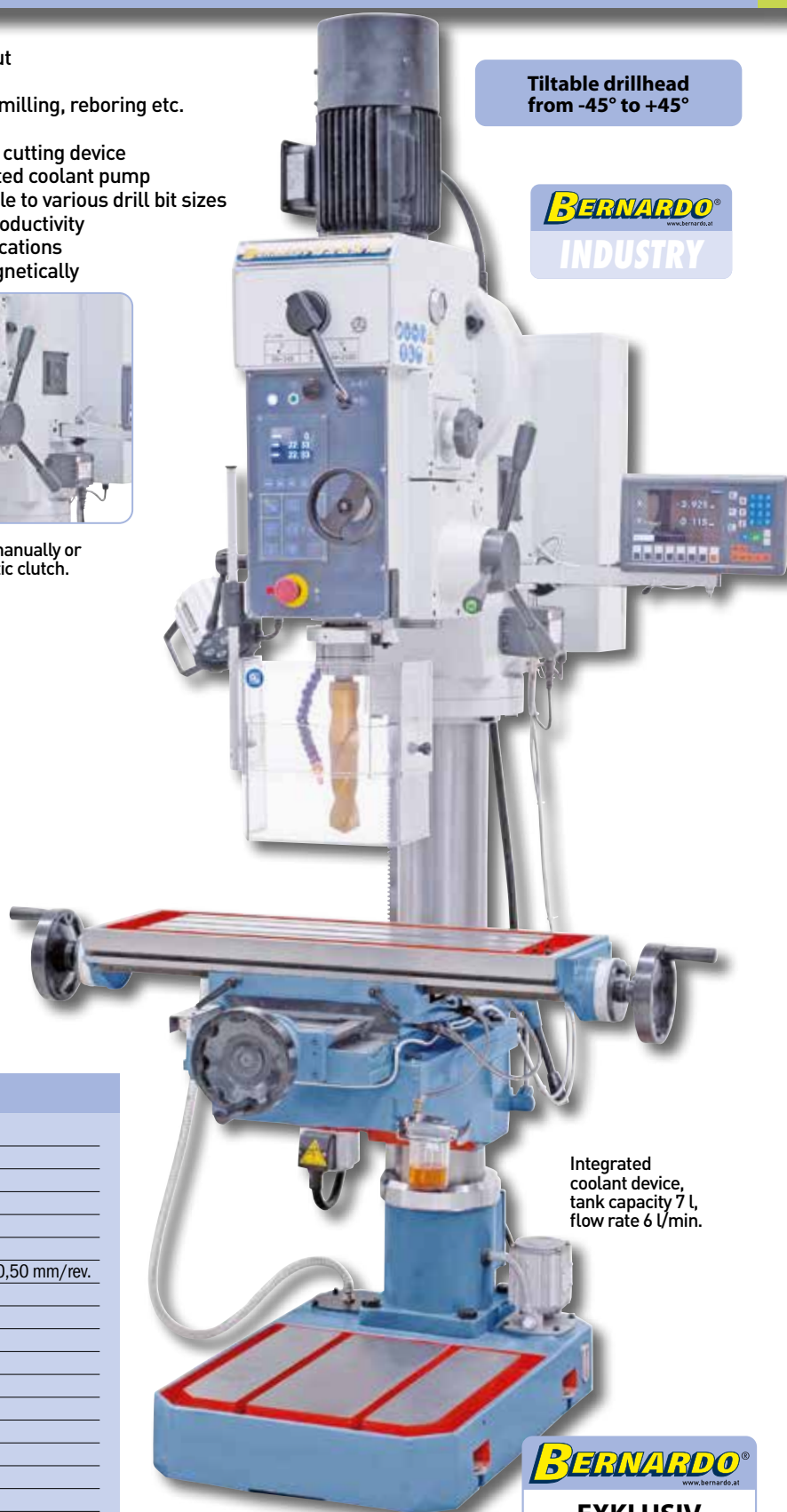
Drill feed made manually or by electromagnetic clutch.

Optional accessories see GB 50 NC Vario

Vario-drive

Standard accessories:

- 2-axis digital readout ES-12 H with LCD-display
- Drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, MT 4 / 2, MT 3 / 1
- Taper shell end mill holder MT 4 / 27 mm
- Coolant device
- Elektromagnetic spindle feedschub
- Thread cutting device
- Automatic tool release device
- LED machine light
- Digital speed indication
- Initial filling with Shell Tellus 46
- Height adjustable protective cover



Integrated coolant device, tank capacity 7 l, flow rate 6 l/min.

Technical data

GB 50 SK NC Vario

Drilling capacity in steel	50 mm
Drilling capacity in cast iron	60 mm
Thread cutting max.	M42
Drill chuck	1 - 13 mm / B 16
Morse taper	MT 4
Spindle speeds / 2 steps	55 - 348 / 348 - 2200 rpm
Feed range	0,08/0,12/0,17/0,24/0,35/0,50 mm/rev.
Table size / T-slot size	800 x 280 mm / 14 mm
Travel (x / y)	415 / 290 mm
Distance spindle to column	380 mm
Distance spindle to table	480 mm
Distance spindle to base	1160 mm
Spindle stroke	210 mm
Column diameter	150 mm
Motor power	3,0 kW
Machine dimension (W x D x H)	1240 x 1200 x 2300 mm
Weight approx.	780 kg
Art. no.	01-1311XL

BERNARDO
EXKLUSIV

Box-column drill presses

KBM-Serie

- Solid construction of column and base designed for excessive use
- Powerful drive motor features high torque and large feed force
- Solid grey cast iron construction maximizes table load capacity
- Tapping device comes with automatic change of rotation at adjusted drill depth
- Convenient control lever allows for quick and easy feed and speed adjustment
- Polished gear wheel, in oil bath, ensure smooth operation
- Automatic spindle feed, tapping device and work lamp included in standard equipment
- Includes feed motor for rapid and work feed and back stroke (KBM 63 model and up)
- Wide, heavy-duty dovetail guidings feature adjustable gibs

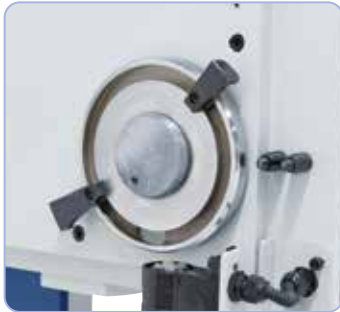


Star handle allows manual spindle feed, clutch lever allows automatic feed.



Clearly arranged drill head features various switches and control elements.

BERNARDO
INDUSTRY



Tapping device with automatic spindle return, ideal for series production. (up to KBM 50)



Surface treated, large work table.



KBM 40

Technical data	KBM 25	KBM 32	KBM 40	KBM 50
Drilling capacity in steel	25 mm	32 mm	40 mm	50 mm
Thread cutting max.	M16	M22	M30	M42
Torque	160 Nm	160 Nm	350 Nm	350 Nm
Travel of drill head	200 mm	200 mm	200 mm	195 mm
Morse taper	MT 3	MT 4	MT 4	MT 5
Spindle speeds / Steps	50 - 2000 rpm, 9 steps	50 - 2000 rpm, 9 steps	31,5 - 1400 rpm, 12 steps	45 - 850 rpm, 9 steps
Feed range	(9) 0,056 - 1,80 mm/rev.	(9) 0,056 - 1,80 mm/rev.	(9) 0,056 - 1,8 mm/rev.	(9) 0,056 - 1,8 mm/rev.
Feed force	9000 N	9000 N	16000 N	16000 N
Distance spindle to column	280 mm	280 mm	335 mm	335 mm
Distance spindle to table max.	710 mm	680 mm	740 mm	720 mm
Spindle stroke	200 mm	200 mm	250 mm	250 mm
Table size / T-slot size	550 x 400 mm / 14 mm	550 x 400 mm / 14 mm	560 x 480 mm / 18 mm	560 x 480 mm / 18 mm
Table lift	300 mm	300 mm	315 mm	315 mm
Motor power	2,2 kW	2,2 kW	3,0 kW	4,0 kW
Machine dimension (W x D x H)	700 x 960 x 2340 mm	700 x 960 x 2340 mm	750 x 1150 x 2500 mm	750 x 1150 x 2520 mm
Weight approx.	950 kg	950 kg	1250 kg	1250 kg
Art. no.	01-1340XL	01-1341XL	01-1342XL	01-1343XL
Price excl. VAT				

The KBM series features a range of models suitable for drilling, reaming and tapping of single parts or small series. The solid, grey cast iron construction makes these machines suitable for heavy machining in engineering, production and construction.

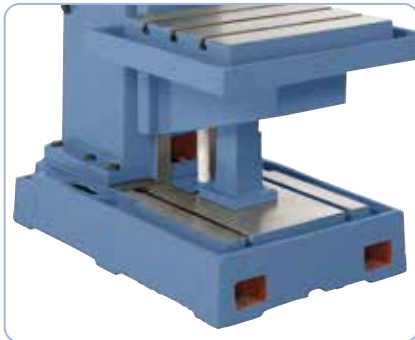
KBM-Serie



Tapping device featuring rapid and working feed and back stroke. (KBM 63 model and up)



Feed motor reduces positioning time of spindle adjustments. (KBM 63 model and up)



Large, solid base supplied with T-slots. Working table can be dismantled for machining of high workpieces (KBM 63 model and up).

**Best
Price**

Standard accessories:

- Coolant device
- Thread cutting device
- Left and right turning
- LED working light
- Morse taper drill sleeve
- Tools
- Height adjustable protective cover



KBM 63

KBM 63	KBM 80
63 mm	80 mm
M48	M56
800 Nm	800 Nm
260 mm	260 mm
MT 5	MT 6
40 - 570 rpm, 9 steps	40 - 570 rpm, 9 steps
(6) 0,1 - 0,78 mm/rev.	(6) 0,1 - 0,78 mm/rev.
30000 N	30000 N
375 mm	375 mm
870 mm	810 mm
250 mm	250 mm
660 x 555 mm / 22 mm	660 x 555 mm / 22 mm
300 mm	300 mm
5,5 kW	5,5 kW
900 x 1300 x 2850 mm	900 x 1300 x 2850 mm
2500 kg	2500 kg
01-1344XL	01-1345XL

Radial drilling machine

RD 540 x 32

The radial drilling machine RD 540 x 32 is equipped with a stand as standard. The 2-step motor offers a large speed range from 140 - 2500 rpm (10 steps).

- Polished base features T-slots for clamping of oversize workpieces
- Smooth surface of column guarantees easy movement of arm
- Balanced drive wheels and high-quality belt ensure extremely smooth operation
- Easy adjustment to clamped workpiece
- User-friendly control elements on front of machine
- Wide speed range allows ideal speed settings
- Drill head, column and radial arm are clamped mechanically
- Solid construction allows smooth running



User-friendly control elements are clearly arranged.



Big dimensioned spindle with 140 mm stroke.



High-quality, box table with 4 T-slots, as standard accessory

Inclusive stand

BERNARDO
SEMIPROFESSIONAL

Spindle taper MT 3

Technical data RD 540 x 32

Drilling capacity max.	32 mm
Distance spindle to column min./max.	145 - 525 mm
Vertical movement of the support	450 mm
Travel of drill head (horizontally)	380 mm
Spindle stroke	140 mm
Spindle speeds	(10) 140 - 2500 rpm
Morse taper	MT 3
Distance spindle to box table	165 - 375 mm
Distance spindle to base	165 - 615 mm
Box table (L x W x H)	250 x 250 x 250 mm
Clamping area base	550 x 500 mm
Column diameter	115 mm
Motor power	0,55 / 1,1 kW
Machine dimension (W x D x H)	860 x 620 x 1480 mm
Weight approx.	273 kg
Art. no.	01-1323

Standard accessories:

- Box table
- Drill chuck 1,5 - 13 mm / JT6
- Drill chuck arbor MT 3 / JT6
- Height adjustable protective cover
- Stand
- Operating tool

Optional accessories:

	Art. no.	excl. VAT
Keyless drill chuck with direct mount MT 3, 1 - 16 mm	24-1072	
2-pcs. milling vise MS 160	28-1020	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Coolant pump 10 l (for self installment) ¹		
Universal coolant fluid MN 1103, 5 l canister	54-1206	

¹ Alternatively in 230 V (Art. no. 51-1003) or 400 V (Art. no. 51-1004)

2-step motor

NEW

Right-left turning

Radial drilling machine

RD 820 x 32

The radial drilling machine RD 820 x 32 is a clearly arranged machine with high performance and easy to use. This model is ideal for complex tasks such as drilling, countersinking, reaming and thread cutting.

- Mechanical adjustment of the tilting movement of the support and the adjustment of the headstock
- Smooth surface of column guarantees easy movement of arm
- Solid construction allows smooth running
- Easy adjustment to clamped workpiece
- User-friendly control elements on front of machine
- Electric height adjustment of swivel arm
- Wide speed range allows ideal speed settings
- Thread cutting takes place by change of spindle rotation

Top Price



Control elements are clearly arranged on spindle stock.



High-quality, box table with 5 T-slots, as standard accessory



Technical data

RD 820 x 32

Drilling capacity max.	32 mm
Thread cutting max.	M24
Distance spindle to column min./max.	310 - 820 mm
Vertical movement of the support	500 mm
Travel of drill head (horizontally)	510 mm
Spindle stroke	250 mm
Spindle speeds	(6) 75 - 1220 rpm
Morse taper	MT 4
Feed range	0,1 / 0,16 / 0,25 mm/rev.
Distance spindle to box table	16 - 515 mm
Distance spindle to base	370 - 870 mm
Box table (L x W x H)	400 x 400 x 350 mm
Clamping area base	825 x 690 mm
Column diameter	200 mm
Lifting motor	0,75 kW
Motor power	1,5 kW
Machine dimension (W x D x H)	1470 x 750 x 2100 mm
Weight approx.	1200 kg
Art. no.	01-1324XL

Standard accessories:

- Box table
- Coolant device
- LED working light
- Lifting motor
- Height adjustable protective cover
- Operating tool

BERNARDO
PROFESSIONAL

Optional accessories:

- Keyless drill chuck with direct mount MT 4, 1 - 16 mm
- 2-pcs. milling vise MS 160
- Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C
- Universal coolant fluid MN 1103, 5 l canister

Art. no.	excl. VAT
24-1073	
28-1020	
41-1055	
54-1206	

- Oversize base plate, ideal for processing of large workpieces
- Torsion-free, polished column promotes sliding capacity of radial arm
- Radial arm and drill head feature independent hydraulic clamp
- Lifting motor allows for easy height adjustment of radial arm
- Ideal for drilling, countersinking, reaming and tapping
- Hardened, polished gears in oil bath
- Polished surface ensures for smooth movement of drill head on radial arm



Clearly arranged control elements, clamping of drill head directly on handwheel.



Speed/ feed adjustment situated on underside of drill head.

**Best
price**



Technical data	RD 1250 x 50	RD 1600 x 50	RD 2000 x 63	RD 2500 x 80
Drilling capacity max.	50 mm	50 mm	63 mm	80 mm
Thread cutting max.	M42	M42	M56	M64
Distance spindle to column min./max.	320 - 1220 mm	350 - 1590 mm	420 - 2000 mm	500 - 2500 mm
Vertical movement of the support	580 mm	590 mm	800 mm	1000 mm
Travel of drill head (horizontally)	900 mm	1240 mm	1580 mm	2000 mm
Spindle stroke	335 mm	320 mm	405 mm	450 mm
Morse taper	MT 5	MT 5	MT 5	MT 6
Spindle speeds	(16) 25 - 2000 rpm	(16) 25 - 2000 rpm	(16) 20 - 1600 rpm	(16) 16 - 1250 rpm
Feed range	(16) 0,04 - 3,2 mm/rev.	(16) 0,04 - 3,2 mm/rev.	(16) 0,04 - 3,2 mm/rev.	(16) 0,04 - 3,2 mm/rev.
Distance spindle to box table	0 - 670 mm	150 - 740 mm	290 - 1075 mm	0 - 1440 mm
Distance spindle to base	330 - 1170 mm	645 - 1240 mm	795 x 1580 mm	550 x 2000 mm
Clamping area base	1300 x 980 mm	1600 x 980 mm	1980 x 1240 mm	2450 x 1400 mm
Box table (L x W x H)	630 x 500 x 500 mm	620 x 490 x 495 mm	940 x 625 x 505 mm	800 x 1000 x 560 mm
Motor power	4,0 kW	4,0 kW	5,5 kW	7,5 kW
Machine dimension (W x D x H)	2035 x 1000 x 2830 mm	2450 x 980 x 2840 mm	3100 x 1240 x 3370 mm	3750 x 1400 x 4025 mm
Weight approx.	3000 kg	3500 kg	6500 kg	11000 kg
Art. no.	01-1329XL	01-1331XL	01-1333XL	01-1335XL
Price excl. VAT				

The RD series of compact radial drilling machines is designed for economic processing of oversize single parts and small batch productions with top accuracy. The high performance, user friendliness and the large variety of applications makes these models ideal for mechanical engineering, repair shops and mechanic workshops.

RD-Serie

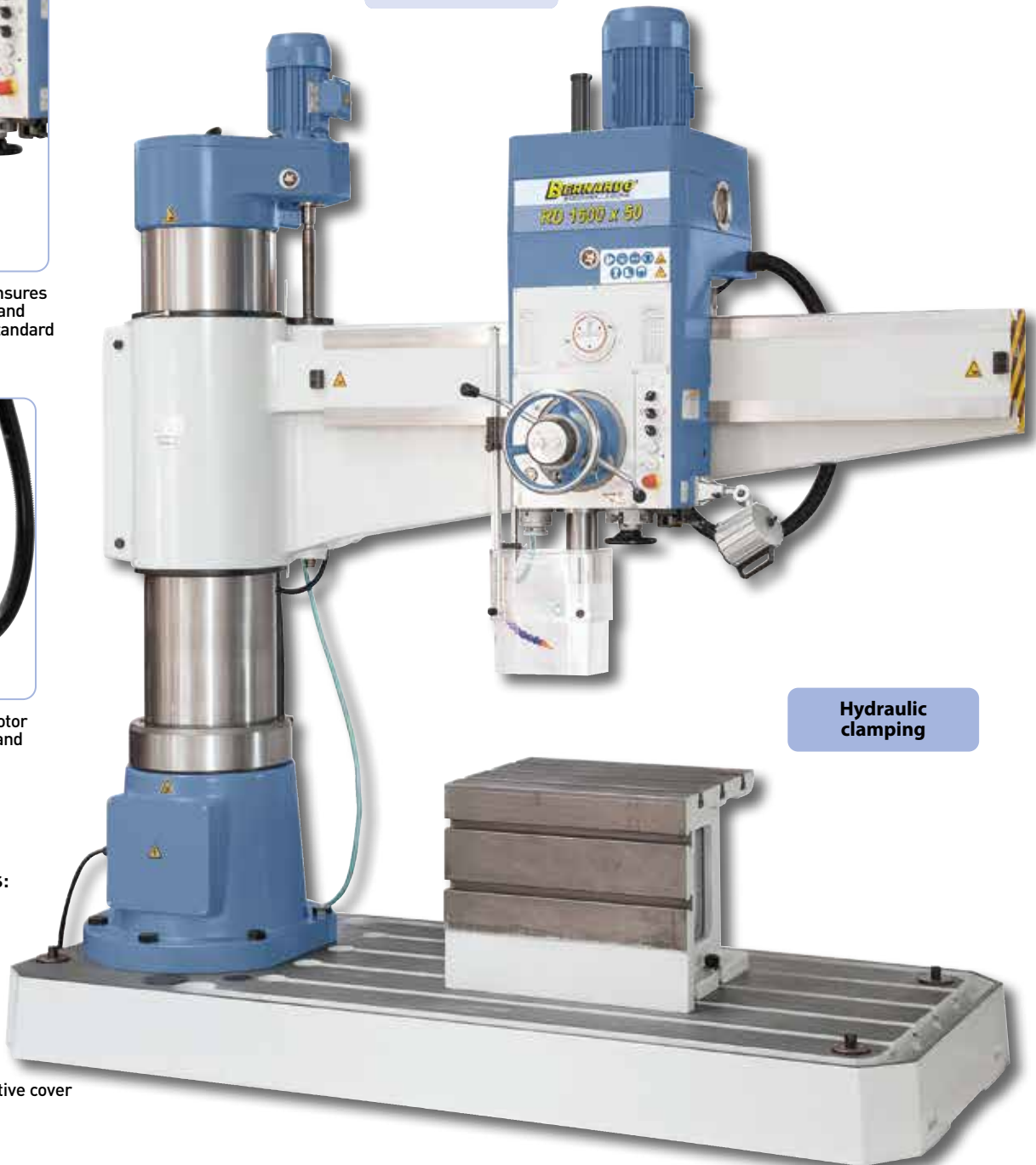
BERNARDO
www.bernardo.at
PROFESSIONAL



Precisely aligned spindle ensures accurate results, box table and coolant device are part of standard equipment.



Complete with hydraulic motor for clamping of radial arm and drill head.



Hydraulic clamping

Standard accessories:

- Box table
- Morse taper drill sleeve MT 5/4, MT 4/3, MT 3/2
- LED machine light
- Initial filling with Shell Tellus 46
- Coolant device
- Lifting motor
- Hydraulic motor
- Tools
- Height adjustable protective cover

Optional accessories:

- Morse taper extension socket MT 5 / 4
- Keyless drill chuck with direct mount MT 5, 1 - 25 mm
- Keyless drill chuck with direct mount MT 5, 3 - 16 mm

Art. No	excl. VAT
24-1051	
24-1074	
24-1086	

Optional accessories:

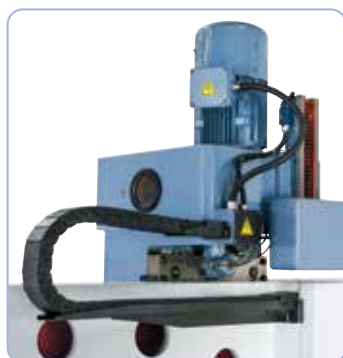
- 2 pcs. milling vise MS 200
- Drilling machine vise BMS 200 QC
- Universal coolant fluid MN 1103, 5 l canister

Art. No	excl. VAT
28-1021	
28-2023	
54-1206	

Radial drilling machines

VARIO-Serie

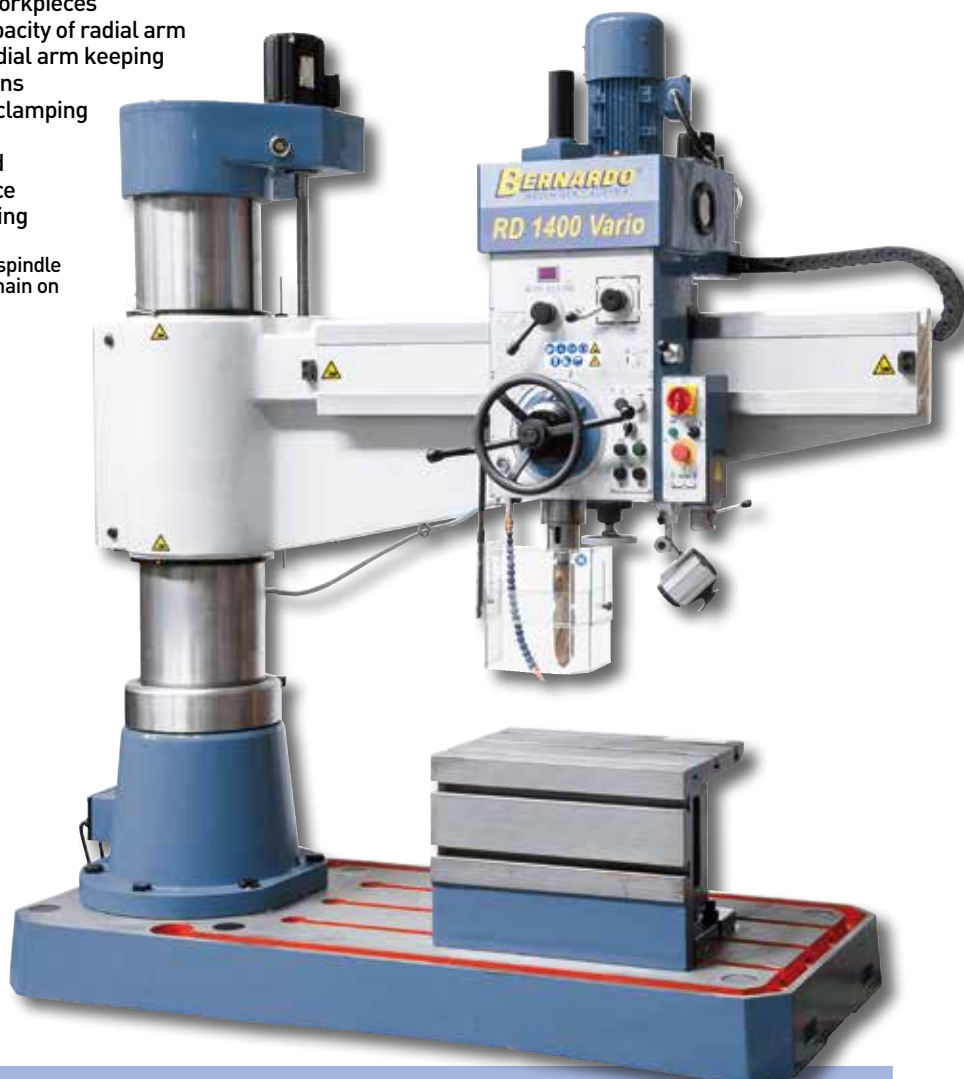
- Complete with stepless speed, set speed is visible on digital display
- Spindle features high concentricity and automatic spindle brake
- Radial arm, drill head and column each with hydraulic clamp
- Large base plate, ideal for processing of oversize workpieces
- Torsion-free, polished column increases sliding capacity of radial arm
- Lifting motor ensures easy height adjustment of radial arm keeping the spindle in position – ideal for repetitive operations
- Control switch allows for individual clamping or unclamping of drill head and/or column
- Guiderrails on radial arm are hardened and polished
- Counter weight on spindle to ensure optimal balance
- Ideal for drilling, countersinking, reaming and tapping



Counter weight for spindle and transmission chain on back of drill head.

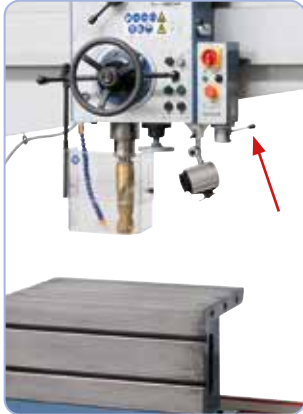


3-way spindle feed: lever allows quick adjustment, handwheel allows fine feed or automatic feed



Technical data	RD 1300 Vario	RD 1400 Vario	RD 1600 Vario	RD 2500 Vario
Drilling capacity max.	40 mm	50 mm	60 mm	80 mm
Thread cutting max.	M40	M42	M45	M60
Distance spindle to column min./max.	300 - 1300 mm	320 - 1400 mm	350 - 1600 mm	450 - 2550 mm
Vertical movement of the support	570 mm	565 mm	585 mm	820 mm
Travel of drill head (horizontally)	910 mm	1080 mm	1250 mm	2100 mm
Spindle stroke	260 mm	300 mm	325 mm	400 mm
Morse taper	MT 4	MT 5	MT 5	MT 6
Spindle speeds	74 - 404 / 404 - 2200 rpm	38 - 275, 275 - 2000 rpm	38 - 275, 275 - 2000 rpm	30 - 220, 200 - 1400 rpm
Feed range	(4) 0,1 - 0,63 mm/rev.	(6) 0,08 - 0,83 mm/rev.	(8) 0,06 - 1,00 mm/rev.	(8) 0,06 - 1,38 mm/rev.
Distance spindle to box table	100 - 670 mm	140 - 710 mm	165 - 750 mm	0 - 1120 mm
Distance spindle to base	550 - 1120 mm	640 - 1210 mm	665 - 1250 mm	400 - 1620 mm
Clamping area base	1180 x 780 mm	1400 x 900 mm	1740 x 980 mm	2500 x 1250 mm
Box table (L x W x H)	640 x 445 x 450 mm	750 x 500 x 500 mm	750 x 500 x 500 mm	850 x 580 x 500 mm
Motor power	2,2 kW	3,0 kW	4,0 kW	7,5 kW
Machine dimension (W x D x H)	1950 x 920 x 2340 mm	2300 x 1050 x 2720 mm	2600 x 1100 x 2770 mm	3590 x 1250 x 3530 mm
Weight approx.	2300 kg	3200 kg	3800 kg	7400 kg
Art. no.	01-1326XL	01-1327XL	01-1328XL	01-1336XL
Price excl. VAT				

Our top range of radial drilling machines feature stepless speed adjustment, solid construction and high user friendliness. The column is mounted to improve the position of the radial arm and therefore maximize work comfort – significant for longer operating times.



Pilot switch on underside of drill head allows for change of spindle rotation/ spindle engage- or disengagement.



Speed and feed settings are on front of drill head.

Hydraulic clamping



BERNARDO
INDUSTRY

Variable speed adjustment via Lenze frequency inverter

Picture shows optionally available horizontal swivel table.

Standard accessories:

- Box table
- Drill chuck arbor
- Morse taper drill sleeve
- LED machine light
- Initial filling with Shell Tellus 46
- Coolant device
- Frequency inverter
- Digital readout of speeds
- Lifting motor
- Hydraulic motor
- Height adjustable protective cover
- Tools

Optional accessories:

Keyless drill chuck with direct mount MT 5, 1 - 25 mm	24-1074
Keyless drill chuck with direct mount MT 5, 3 - 16 mm	24-1086
Quick change set MT 5 - MT 3 / MT 2 / MT 1 - B 16	53-1025
Tiltable horizontal table 400 x 600 mm	53-1027
2 pcs. milling vise MS 200	28-1021
Drilling machine vise BMS 200	28-2020
Universal coolant fluid MN 1103, 5 l canister	54-1206

Art. no. excl. VAT

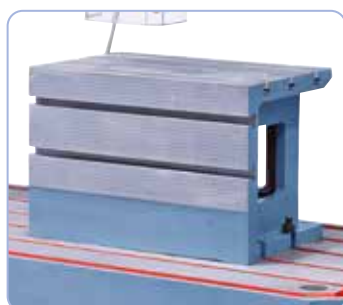
Radial drilling machine with touchscreen

RD 1600 NC Vario

- Large touchscreen for all settings, such as speed, drilling / thread cutting, height adjustment of support arm,....
- The quill feed takes place by a high quality servo motor
- Lifting motor ensures easy height adjustment of radial arm keeping the spindle in position – ideal for repetitive operations
- Electronically adjustable drill depth including checking of the input value
- Complete with stepless speed, set speed is visible on digital display
- Display of the measurements either mm or inch
- Guiderrails on radial arm are hardened and polished
- Counter weight on spindle to ensure optimal balance
- Ideal for drilling, countersinking, reaming and tapping



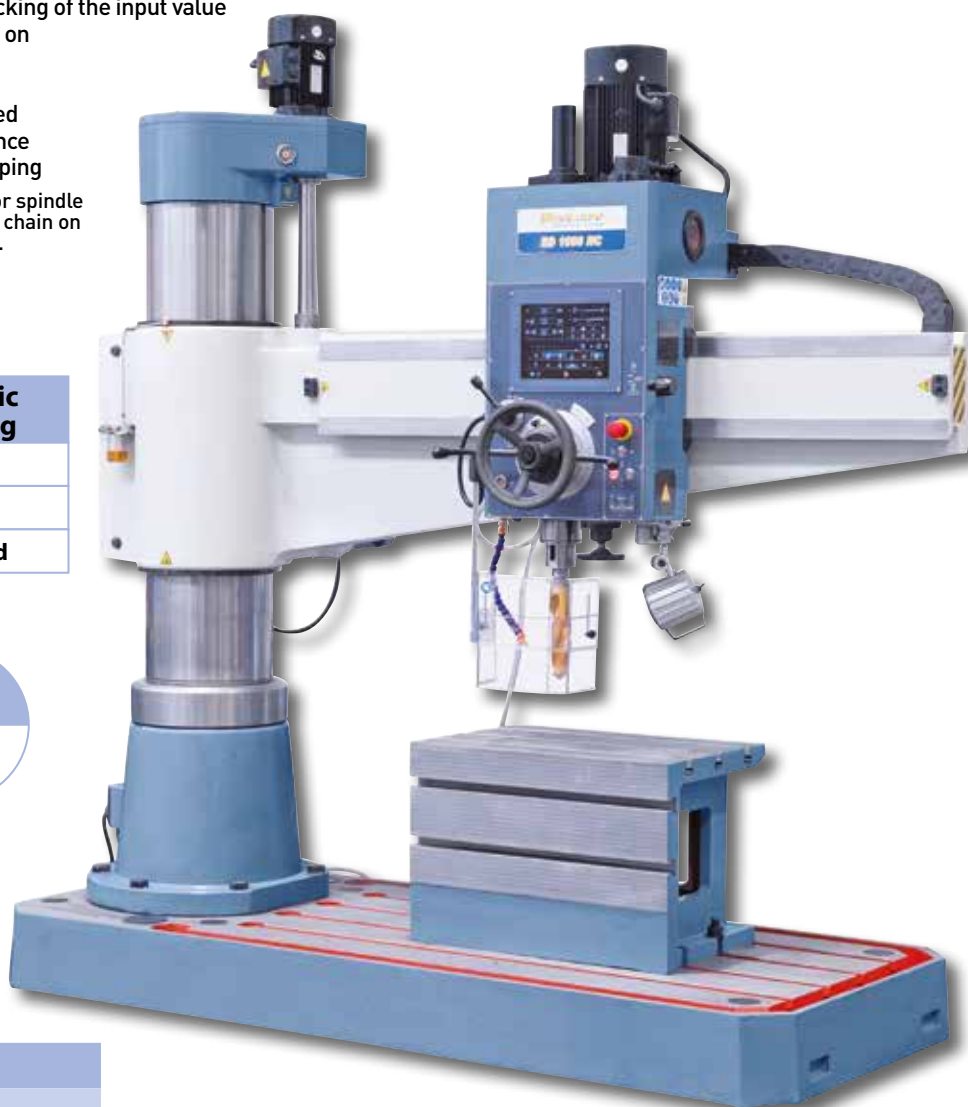
Counter weight for spindle and transmission chain on back of drill head.



High-quality, box table with 5 T-slots, as standard accessory

Hydraulic clamping
Support
Column
Drill head

**Best
price**



Technical data

RD 1600 NC Vario

Drilling capacity max.	60 mm
Thread cutting max.	M45
Distance spindle to column min./max.	350 - 1600 mm
Vertical movement of the support	585 mm
Travel of drill head (horizontally)	1250 mm
Spindle stroke	315 mm
Morse taper	MT 5
Spindle speeds	38 - 275, 275 - 2000 rpm
Feed range	0 - 300 mm/min
Distance spindle to box table	165 - 750 mm
Distance spindle to base	665 - 1250 mm
Clamping area base	1740 x 980 mm
Box table (L x W x H)	750 x 500 x 500 mm
Motor power	4,0 kW
Machine dimension (W x D x H)	2490 x 1050 x 2780 mm
Weight approx.	3800 kg
Art. no.	01-1330XL

Standard accessories:

- Box table
- Drill chuck arbor
- Morse taper drill sleeve MT 5/4, MT 4/3, MT 3/2
- LED working light
- Initial filling with Shell Tellus 46
- Coolant device
- Touchscreen
- Servomotor for spindle feed
- Frequency inverter
- Lifting motor
- Hydraulic motor
- Height adjustable protective cover
- Tools



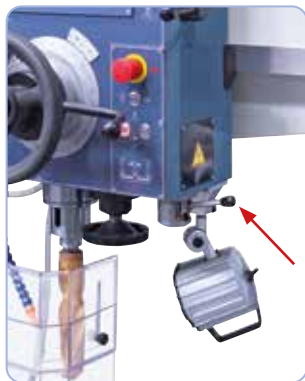
Powerful coolant pump comes standard.

The radial drilling machine RD 1600 NC is highly suitable for drilling, countersinking and reaming of oversize workpieces, such as steel girders, flanges etc. The special features of this model are the operation via a large touchscreen and the spindle feed by a servo motor. The wide range of applications makes this model ideal for mechanical workshops, repair shops, machine construction and many more.

RD 1600 NC Vario

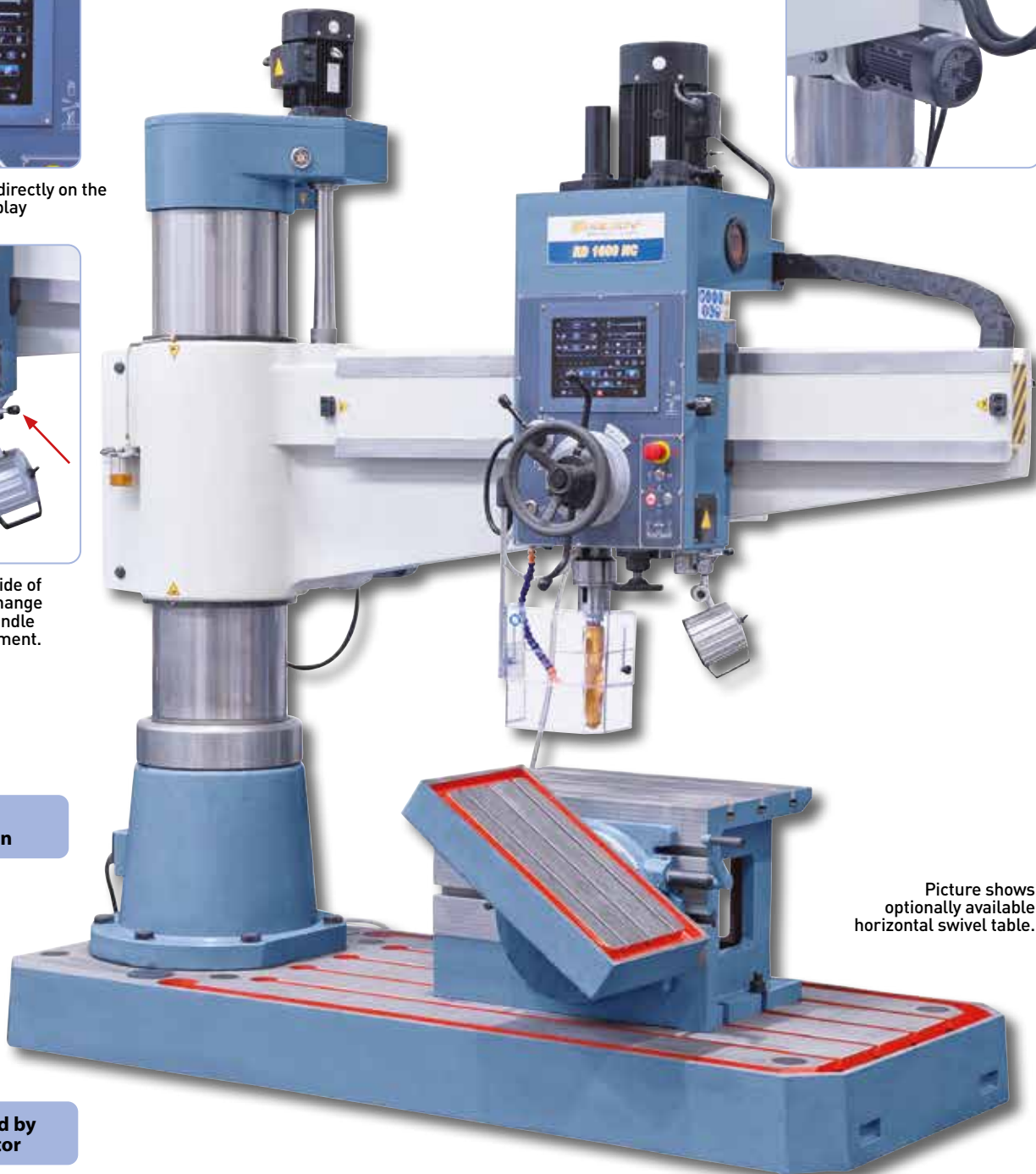


All settings are made directly on the large touchscreen display



Pilot switch on underside of drill head allows for change of spindle rotation/ spindle engage- or disengagement.

Serially with hydraulic motor for clamping the support, the column and of the drill head.



Picture shows optionally available horizontal swivel table.

Large touchscreen

Spindle feed by servo motor

Optional accessories:	Art. no.	excl. VAT
Keyless drill chuck with direct mount MT 5, 1 - 25 mm	24-1074	
Quick change set MT 5 - MT 3 / MT 2 / MT 1 - B 16	53-1025	
Tiltable horizontal table 400 x 600 mm	53-1027	

Optional accessories:	Art. no.	excl. VAT
2 pcs. milling vise MS 200	28-1021	
Drilling machine vise BMS 200	28-2020	
Universal coolant fluid MN 1103, 5 l canister	54-1206	

Radial drilling machine

SRB 40 NC

- The construction allows a variety of clamping and processing possibilities
- Electromotive height adjustment of drill head without changing drill position, ideal for deep hole drilling
- Drill head tilts 180°, support tilts horizontal and can be moved forwards and backwards
- Thread cutting device and 6 automatic drill feeds as standard
- Large table size (1195 x 500 mm) for simultaneous mounting of several workpieces
- Solid construction eliminates vibrations
- Digital display of speed and drill depth included
- Quick adjustment of drill head to workpiece, hydraulic clamping
- Solidly designed column guarantees high rigidity of extension arm
- Electronic, stepless speed adjustment as standard
- Membrane keyboard ensures user-friendly operation

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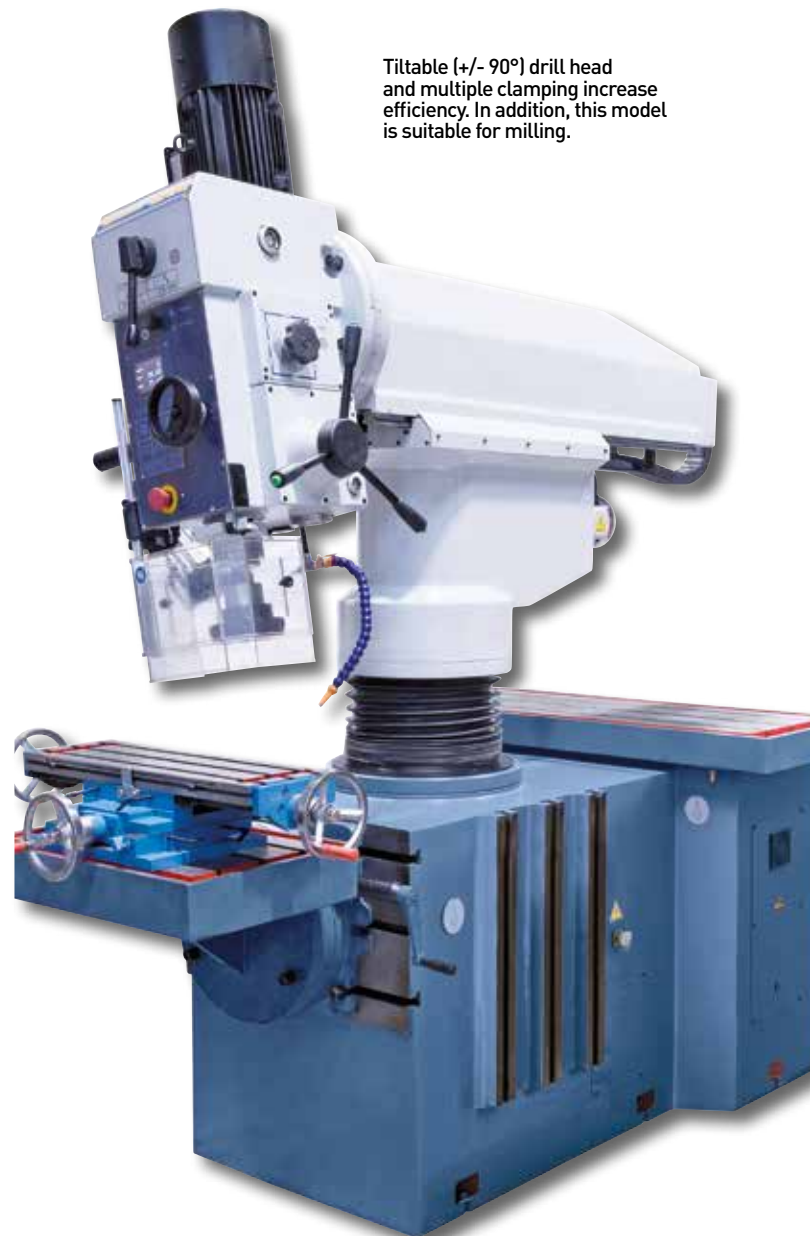


User-friendly control elements are clearly arranged.

Variable speed adjustment via frequency inverter



The high-quality linear guidings guarantees smooth movement of drill head.



Tilttable (+/- 90°) drill head and multiple clamping increase efficiency. In addition, this model is suitable for milling.

Technical data

SRB 40 NC

Drilling capacity max.	40 mm
Thread cutting max.	M30
Distance spindle to column min./max.	370 - 950 mm
Vertical movement of the support	390 mm
Drill head tilttable	-90° to +90°
Spindle stroke	200 mm
Spindle speed, stepless	50 - 316 / 316 - 2000 rpm
Morse taper	MT 4
Feed range	(6) 0,08 - 0,50 mm/rev.
Distance spindle to table surface	390 - 780 mm
Table size	1195 x 500 mm
T-slot size	18 mm
Column diameter	220 mm
Motor power	2,2 kW
Machine dimension (W x D x H)	1200 x 2450 x 2720 mm
Weight approx.	2800 kg
Art. no.	01-1358XL

Optional accessories:

Keyless drill chuck with direct mount MT 4, 1 - 16 mm	Art. no.	excl. VAT
Drilling machine vise BMS 200	24-1073	
2 pcs. milling vise MS 200	28-2020	
Quick change drilling and tapping chuck set MT 4 / M6 - M30 / 12 pcs.	28-1021	
	24-1100	

The SRB 40 NC radial drilling machine is designed for economic processing of oversized workpieces and small series at highest accuracy. The solid construction makes this model popular in many areas, such as machine construction, repair shops, mechanics or production.

SRB 40 NC

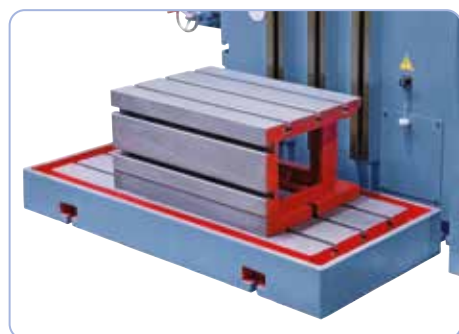


6 automatic drill feeds via electromagnetic clutch.

Height adjustment via electric motor

Standard accessories:

- Electromagnetic spindle feed
- Digital readout of speeds
- Digital readout of drill depth
- Electromotive drill head adjustment
- Initial filling with Shell Tellus 46
- Keyless drill chuck 1 - 13 mm / B 16
- Drill chuck arbor MT 4 / B 16
- Morse taper drill sleeve MT 4 / 3, 4 / 2, 3 / 1
- LED machine light
- Thread cutting device
- Tilttable horizontal table 400 x 600 mm
- Box table 420 x 600 x 300 mm
- Clamping plate 1200 x 550 mm
- Coolant pump
- Height adjustable protective cover



The serially available clamping plate allows work on oversized workpieces.

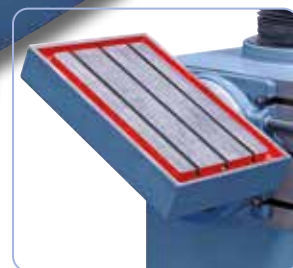


Optional accessories:

Boring head combo package diam. 75 mm, incl. boring bars
 Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C
 Cross table and collet chuck with collets 6-16 mm, 8 pcs.
 Universal coolant fluid MN 1103, 5 l canister

Art. no.	excl. VAT
25-1020	
41-1055	
26-1017	
54-1206	

The tilttable (-50° to +50°) increases the variety of applications.



Radial drilling machine with touchscreen

SRB 50 NC

- Innovative design and construction allows numerous options for clamping and processing
- Electromotive height adjustment of drill head without changing the drill position, ideal for drilling deep holes
- Large table size (1200 x 500 mm) to allow simultaneous clamping of several workpieces
- Quick adjustment of drill head to each workpiece, hydraulic clamping
- Comes complete with electronic, stepless speed adjustment and 2 gear settings
- Reinforced column guarantees rigidity of drill arm
- Solid construction guarantees processing free from vibrations
- The quill feed takes place by a high quality servo motor
- Complete with stepless speed, set speed is visible on digital display

**Height adjustment
via electric motor**



Large touchscreen for all settings, such as speed, drilling / thread cutting, height adjustment of support arm,....



Motor for hydraulics and transmission chains located on back of machine

Suitable for drilling, countersinking and turning operations as well as minor milling operations



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Technical data

SRB 50 NC

Drilling capacity max.	50 mm
Thread cutting max.	M32
Distance spindle to column min./max.	360 - 950 mm
Vertical movement of the support	400 mm
Drill head tiltable	-90° to +90°
Spindle stroke	240 mm
Spindle speed, stepless	50 - 316 / 316 - 2000 rpm
Morse taper	MT 4
Feed range	1 - 300 mm/min
Distance spindle to table surface	390 - 780 mm
Table size	1200 x 500 mm
T-slot size	18 mm
Column diameter	240 mm
Motor power	3,0 kW
Machine dimension (W x D x H)	1250 x 2500 x 2800 mm
Weight approx.	2800 kg
Art. no.	01-1364XL

Optional accessories:

Keyless drill chuck with direct mount MT 4, 1 - 16 mm	Art. No.	excl. VAT.
Drilling machine vise BMS 200	24-1073	
2 pcs. milling vise MS 200	28-2020	
Quick change drilling and tapping chuck set MT 4 / M6 - M30 / 12 pcs.	28-1021	
Boring head combo package diam. 75 mm, incl. boring bars	24-1100	
	25-1020	

The SRB 50 NC is a new addition to our radial drilling machines and features the biggest dimensions. The special features of this model are the operation via a large touchscreen and the spindle feed by a servo motor.

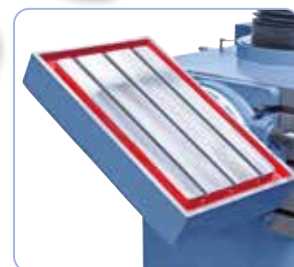
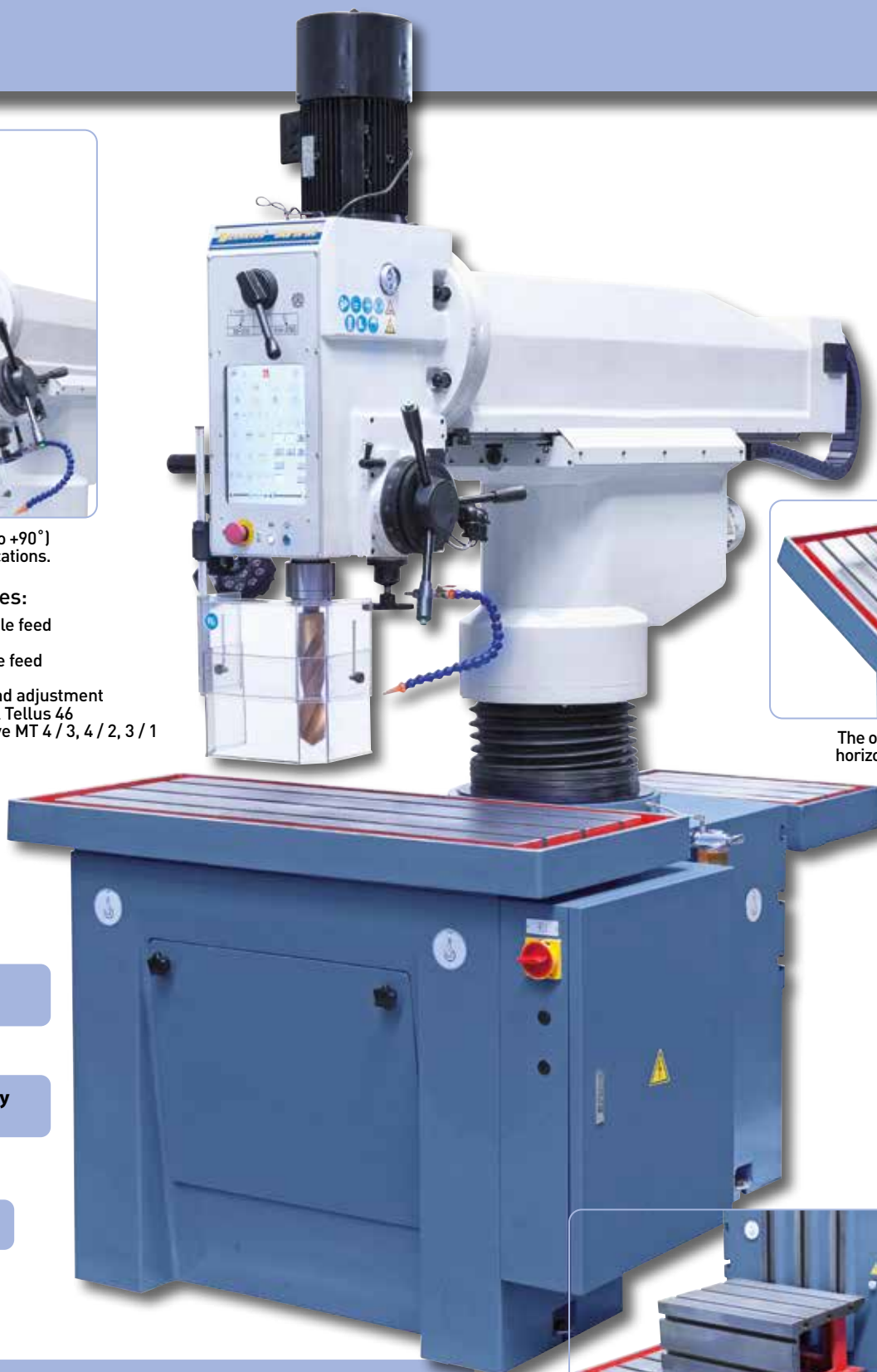
SRB 50 NC



Tiltable drill head (-90° to +90°) increases range of applications.

Standard accessories:

- Electromagnetic spindle feed
- Touchscreen
- Servomotor for spindle feed
- Frequency inverter
- Electromotive drill head adjustment
- Initial filling with Shell Tellus 46
- Morse taper drill sleeve MT 4 / 3, 4 / 2, 3 / 1
- Thread cutting device
- Coolant device
- LED machine light
- Height adjustable protective cover
- Tools



The optionally available horizontal table, tiltable from -50° to +50°, increases the number of applications significantly

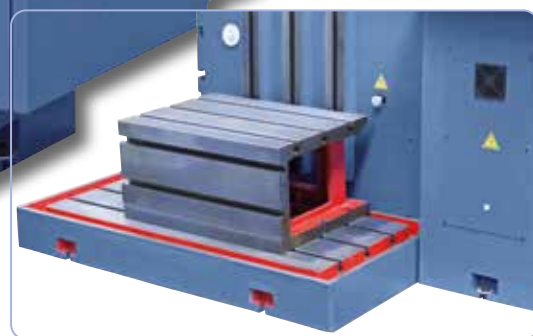
Large
touchscreen

Spindle feed by
servo motor

NEW

Optional accessories:

	Art. No.	excl. VAT.
Tiltable horizontal table 400 x 600 mm	53-1027	
Box table 420 x 600 x 300 mm	53-1028	
Clamping plate 1200 x 550 mm	53-1029	
Metric size taper shank drills MT 2/3, 17 pcs. - 14,5-30 mm, set C	41-1055	
Universal coolant fluid MN 1103, 5 l canister	54-1206	



Process oversize workpieces by adding the clamping plate as an extra

<p>Bohrfutterdorn</p> <p>Morse taper drill chuck arbor</p>  <p>MK 2 / B10 - MK 5 / B22</p> <p>MT 2 / B10 - MT 5 / B22</p>	<p>Reduzierhülse</p> <p>Morse taper drill sleeve</p>  <p>MK 2/1 - MK 6/5</p> <p>MT 2/1 - MT 6/5</p>	<p>Verlängerungshülse</p> <p>Morse taper extension socket</p>  <p>MK 2/1 - MK 6/6</p> <p>MT 2/1 - MT 6/6</p>	<p>Konusaustreiber halbautomatisch</p> <p>Semi automatic morse shank puller</p>  <p>MK 1 - MK 3</p> <p>MK 4 - MK 6</p> <p>MT 1 - MT 3</p> <p>MT 4 - MT 6</p>
<p>Schnellspannbohrfutter</p> <p>Keyless drill chuck</p>  <p>1 - 10 / B12, 1 - 13 / B16</p> <p>1 - 16 / B16, 1 - 16 / B18</p> <p>1 - 10 / B12, 1 - 13 / B16</p> <p>1 - 16 / B16, 1 - 16 / B18</p>	<p>Schnellspannbohrfutter</p> <p>Keyless drill chuck</p>  <p>Mit Direktaufnahme MK 2</p> <p>1 - 13 mm / 1 - 16 mm</p> <p>with direct mount MT 2</p> <p>1 - 13 mm / 1 - 16 mm</p>	<p>Schnellspannbohrfutter</p> <p>Keyless drill chuck</p>  <p>Mit Direktaufnahme MK 3, 1 - 16 mm /</p> <p>MK 4, 1 - 16 mm / MK 5, 1 - 16 mm</p> <p>with direct mount MT 3, 1 - 16 mm /</p> <p>MT 4, 1 - 16 mm, MT 5, 1 - 16 mm</p>	<p>Schnellspannbohrfutter</p> <p>Keyless drill chuck</p>  <p>Mit Direktaufnahme</p> <p>MK 5, 1 - 25 mm</p> <p>with direct mount</p> <p>MT 5, 1 - 15 mm</p>
<p>Gewindeschneidapparat</p> <p>Double roller tapping chuck set</p>  <p>MK 2 / MK 3 / MK 4</p> <p>von M3 - M12</p> <p>MT 2 / MT 3 / MT 4</p> <p>from M3 - M12</p>	<p>Gewindeschneidapparat</p> <p>Double roller tapping chuck set</p>  <p>MK 3 / MK 4 / MK 5</p> <p>von M12 - M24</p> <p>MT 3 / MT 4 / MT 5</p> <p>from M12 - M24</p>	<p>Gewindeschneidapparat Super</p> <p>Aut. reversible tapping chuck set</p>  <p>M2 - M7 / M5 - M12 / M8 - M20</p> <p>M2 - M7 / M5 - M12 / M8 - M20</p>	<p>Gewindeschneid-Schnellwechselfutterset</p> <p>Quick change tapping chuck set</p>  <p>MK 2 / MK 3 / MK 4 / MK 5, M6 - M30</p> <p>MK 5, M16 - M42</p> <p>MT 2 / MT 3 / MT 4 / MT 5, M6 - M30</p> <p>MT 5, M16 - M42</p>
<p>Kreuztisch KT 90</p> <p>Cross table KT 90</p>  <p>Tischgröße: 200 x 90 mm</p> <p>T-Nutenbreite: 8 mm</p> <p>Table size: 200 x 90 mm</p> <p>T-slot width: 8 mm</p>	<p>Kreuztisch KT 140</p> <p>Cross table KT 140</p>  <p>Tischgröße: 310 x 140 mm</p> <p>T-Nutenbreite: 16 mm</p> <p>Table size: 310 x 140 mm</p> <p>T-slot width: 16 mm</p>	<p>Kreuztisch KT 150</p> <p>Cross table KT 150</p>  <p>Tischgröße: 470 x 150 mm</p> <p>T-Nutenbreite: 14 mm</p> <p>Table size: 470 x 150 mm</p> <p>T-slot width: 14 mm</p>	<p>Kreuztisch KT 165</p> <p>Cross table KT 165</p>  <p>Tischgröße: 495 x 165 mm</p> <p>T-Nutenbreite: 10 mm</p> <p>Table size: 495 x 165 mm</p> <p>T-slot width: 10 mm</p>

Kreuztisch KT 195	Kreuztisch KT 205	Kreuztisch KT 225 x 175 S	Kreuztisch 330 x 220 S
Cross table KT 195	Cross table KT 205	Cross table KT 225 x 175 S	Cross table 330 x 220 S
			
Tischgröße: 555 x 195 mm T-Nutenbreite: 10 mm Table size: 555 x 195 mm T-slot width: 10 mm	Tischgröße: 640 x 205 mm T-Nutenbreite: 10 mm Table size: 640 x 205 mm T-slot width: 10 mm	Tischgröße: 225 x 175 mm, schwenkbar T-Nutenbreite: 17 mm Table size: 225 x 175 mm, tiltable T-slot width: 17 mm	Tischgröße: 330 x 220 mm, schwenkbar T-Nutenbreite: 17 mm Table size: 330 x 220 mm, tiltable T-slot width: 17 mm
Kreuztisch KT 600 x 240 S	Kreuztisch KT 185 x 100	Kreuztisch KT 225 x 175	Kreuztisch KT 330 x 220
Cross table KT 600 x 240 S	Cross table KT 185 x 100	Cross table KT 225 x 175	Cross table KT 330 x 220
			
Tischgröße: 600 x 240 mm, schwenkbar T-Nutenbreite: 17 mm Table size: 600 x 240 mm, tiltable T-slot width: 17 mm	Tischgröße: 185 x 100 mm T-Nutenbreite: 10 mm Table size: 185 x 100 mm T-slot width: 10 mm	Tischgröße: 225 x 175 mm T-Nutenbreite: 12 mm Table size: 225 x 175 mm T-slot width: 12 mm	Tischgröße: 330 x 220 mm T-Nutenbreite: 12 mm Table size: 330 x 220 mm T-slot width: 12 mm
Kreuztisch KT 400 x 120	Kreuztisch KT 500 x 180	Kreuztisch KT 700 x 180	Kreuztisch KT 730 x 210
Cross table KT 400 x 120	Cross table KT 500 x 180	Cross table KT 700 x 180	Cross table KT 730 x 210
			
Tischgröße: 400 x 120 mm T-Nutenbreite: 10 mm Table size: 400 x 120 mm T-slot width: 10 mm	Tischgröße: 500 x 180 mm T-Nutenbreite: 12 mm Table size: 500 x 180 mm T-slot width: 12 mm	Tischgröße: 700 x 180 mm T-Nutenbreite: 12 mm Table size: 700 x 180 mm T-slot width: 12 mm	Tischgröße: 730 x 210 mm T-Nutenbreite: 12 mm Table size: 730 x 210 mm T-slot width: 12 mm
Stiftschrauben-Sortiment 38-tlg.	Spannwerkzeugsortiment 58-tlg.	Spannwerkzeugsortiment 58-tlg.	Permanent-Magnetschweißwinkel
Stud bolt set 38 pcs.	Deluxe clamping kit set 58 pcs.	Deluxe clamping kit set 58 pcs.	Magnetic 90° square
			
T-Nutenbreite: 14 mm - M12 16 mm - M14 / 18 mm - M16 T-slot width: 14 mm - M12 16 mm - M14 / 18 mm - M16	T-Nutenbreite: 10 mm - M8 12 mm - M10 / 14 mm - M12 T-slot width: 10 mm - M8 12 mm - M10 / 14 mm - M12	T-Nutenbreite: 16 mm - M14 18 mm - M16 T-slot width: 16 mm - M14 18 mm - M16	Abmessung: 200 x 200 mm Measurement: 200 x 200 mm


<p>Maschinenschraubstock MS, 2-tlg.</p> <p>2 pcs. milling vise MS</p>  <p>Backenbreite 160 / 200 mm</p> <p>Jaw width 160 / 200 mm</p>	<p>Kreuzschraubstock KS</p> <p>Two way cross slide vise KS</p>  <p>Backenbreite: 100 / 125 / 150 mm</p> <p>Jaw width: 100 / 125 / 150 mm</p>	<p>Winkelschraubstock</p> <p>Welding vise</p>  <p>Max. Spannweite 80 / 110 mm</p> <p>Max. opening: 80 / 110 mm</p>	<p>Bohrmaschinenschraubstock BM</p> <p>Drilling machine vise BM</p>  <p>Backenbreite: 100 / 125 / 150 / 200 mm</p> <p>Jaw width: 100 / 125 / 150 / 200 mm</p>
<p>Bohrmaschinenschraubstock BMH</p> <p>Drilling machine vise BMH</p>  <p>Backenbreite: 100 / 125 / 150 mm</p> <p>Backenhöhe: 32 / 45 / 60 mm</p> <p>Jaw width: 100 / 125 / 150 mm</p> <p>Jaw height: 32 / 45 / 60 mm</p>	<p>Bohrmaschinenschraubstock BMI</p> <p>Drilling machine vise BMI</p>  <p>Backenbreite: 100 / 125 / 150 mm</p> <p>Spannweite: 110 / 140 / 170 mm</p> <p>Jaw width: 100 / 125 / 150 mm</p> <p>Opening: 110 / 140 / 170 mm</p>	<p>Bohrmaschinenschraubstock BMO</p> <p>Drilling machine vise BMO</p>  <p>Backenbreite: 85 / 100 / 120 mm</p> <p>Spannweite: 65 / 85 / 110 mm</p> <p>Jaw width: 85 / 100 / 120 mm</p> <p>Opening: 65 / 85 / 110 mm</p>	<p>Bohrmaschinenschraubstock BMO</p> <p>Drilling machine vise BMO</p>  <p>Backenbreite: 150 / 200 mm</p> <p>Spannweite: 135 / 165 mm</p> <p>Jaw width: 150 / 200 mm</p> <p>Opening: 135 / 165 mm</p>
<p>Bohrmaschinenschraubstock BMS</p> <p>Drilling machine vise BMS</p>  <p>Backenbreite: 100 / 140 / 200 mm</p> <p>Jaw width: 100 / 140 / 200 mm</p>	<p>Bohrmaschinenschraubstock BMS QC</p> <p>Drilling machine vise BMS QC</p>  <p>Backenbreite: 100 / 140 / 200 mm mit Schnellspannfunktion</p> <p>Jaw width: 100 / 140 / 200 mm with quick clamping function</p>	<p>Schnellspannschraubstock SP</p> <p>Quick clamping vise SP</p>  <p>Backenbreite: 55 / 80 mm</p> <p>Jaw width: 55 / 80 mm</p>	<p>Werkstückanschlag AMS-160</p> <p>Work stop tool AMS-160</p>  <p>Universell einsetzbar für Bohr- und Fräsmaschinen</p> <p>Useable for milling and drilling machines</p>
<p>Aluminium-Backen</p> <p>Aluminium magnetic jaws</p>  <p>Backenbreite: 100 / 125 / 150 mm</p> <p>Paarweise verpackt</p> <p>Jaw width: 100 / 125 / 150 mm</p> <p>Pairwise packed</p>	<p>Taschenmessschieber mit Rundskala</p> <p>Dial caliper</p>  <p>Messbereich 150 x 0,02 mm, 300 x 0,02 mm</p> <p>Range: 150 x 0,02 mm, 300 x 0,02 mm</p>	<p>Digital-Taschenmessschieber</p> <p>Digital caliper</p>  <p>Messbereich: 150 x 0,01 mm, 300 x 0,01 mm</p> <p>Range: 150 x 0,01 mm, 300 x 0,01 mm</p>	<p>Werkstattmessschieber</p> <p>Mono block vernier caliper</p>  <p>Messbereich: 500 bzw. 1000 x 0,02 mm, mit Messerspitzen 150 mm</p> <p>Range: 500 or 1000 x 0,02 mm, with upper jaws 150 mm</p>

Digital-Werkstattmessschieber Big size digital caliper  <p>Messbereich: 500 x 0,01 mm, mit Messerspitzen 200 mm Range: 500 x 0,01 mm, with upper jaws 200 mm</p>	Tiefenmessschieber Depth vernier gauge  <p>Messbereich: 200 x 0,02 mm, mit abgesetzter Schiene Range: 200 x 0,02 mm, with hook</p>	Höhenmess- und Anreißgerät Double beam dial height gauge  <p>Mit Messuhr, Messbereich: 300 x 0,01 mm / 500 x 0,01 mm With dial gauge, Range: 300 x 0,01 mm / 500 x 0,01 mm</p>	Digital-Höhenmess- und Anreißgerät Double column digital height gauge  <p>Messbereich: 300 x 0,01 mm / 500 x 0,01 mm Range: 300 x 0,01 mm / 500 x 0,01 mm</p>
Kombinations-Winkelmesser Combination square set protractor  <p>Länge: 300 x 0,5 mm Length: 300 x 0,5 mm</p>	Universal-Winkelmesser Univeral bevel protractor  <p>Schienenlänge: 300 mm Messbereich: 0 - 360°, mit Lupe Length: 300 mm Range: 0 - 360°, with magnifier</p>	Messzeugsatz 3-tlg. Professional measuring tool set  <p>Schieblehre, Mikrometer und Innenmessschraube in Holzkassette Vernier caliper, micrometer and inside micrometer in wooden box</p>	Messzeugsatz 4-tlg. General purpose measuring tool set  <p>Schieblehre, Mikrometer, Massstab u. Haarwinkel in Kunststoffkassette Vernier caliper, micrometer, edge square and steel ruler in plastic box</p>
Messzeugsatz 5-tlg. Precision measuring tool set  <p>Messwerkzeuge aus Edelstahl, rost- frei mattverchromt, in Holzkassette Different stainless steel measuring tools, packed in wooden box</p>	Bügelmessschrauben 6-tlg. Outside micrometer set  <p>Messbereich: 0 - 150 x 0,01 mm Range: 0 - 150 x 0,01 mm</p>	Bügelmessschrauben 6-tlg. Outside micrometer set  <p>Messbereich: 150 - 300 x 0,01 mm Range: 150 - 300 x 0,01 mm</p>	Digital-Bügelmessschraube Electronic digital micrometer  <p>0 - 25 x 0,001 mm 25 - 50 x 0,001 mm 50 - 75 x 0,001 mm 75 - 100 x 0,01 mm</p>
Digital-Bügelmessschrauben 4-tlg. Electronic digital micrometer set  <p>Messbereich: 0 - 100 x 0,001 mm Range: 0 - 100 x 0,001 mm</p>	Tiefenmessschraube Depth micrometer  <p>Messbereich: 0 - 100 x 0,01 mm Range: 0 - 100 x 0,01 mm</p>	Digitale Tiefenmessschraube Electronic digital depth micrometer  <p>Messbereich: 0 - 100 x 0,001 mm Range: 0 - 100 x 0,001 mm</p>	Innenmessschrauben 4-tlg. Inside micrometer set  <p>Messbereich: 5 - 100 x 0,01 mm Range: 5 - 100 x 0,01 mm</p>

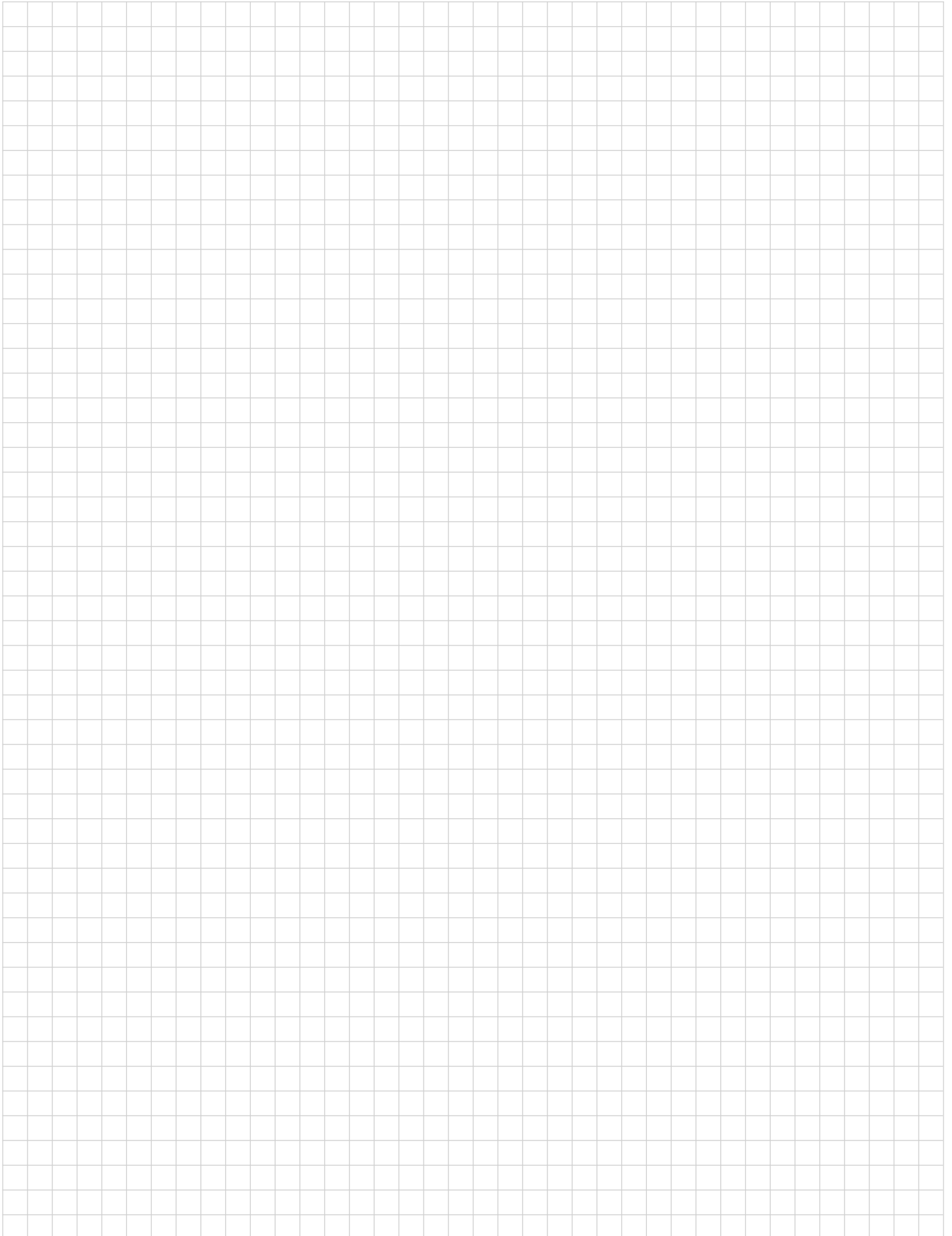
<p>Digitale Innenmessschrauben 4-tlg. 4 pcs. digital inside micrometer set</p>  <p>Messbereich: 5 - 100 x 0,001 mm Range: 5 - 100 x 0,001 mm</p>	<p>Präzisions-Messuhr Dial indicator general style</p>  <p>Messbereich: 10 x 0,01 mm Range: 10 x 0,01 mm</p>	<p>Präzisions-Messuhr, staubgeschützt Dial indicator</p>  <p>Messbereich: 10 x 0,01 mm Staubgeschützt Range: 10 x 0,01 mm With dust resistant function</p>	<p>Messuhr mit großer Messspanne Large size dial indicator</p>  <p>Messbereich: 100 x 0,01 mm Range: 100 x 0,01 mm</p>
<p>Digitale Messuhr Digital indicator</p>  <p>Messbereich: 10 x 0,01 mm Range: 10 x 0,01 mm</p>	<p>Präzisionsführlhebelmessgerät Dial test indicator</p>  <p>Messbereich: 0 - 0,8 x 0,01 mm Range: 0 - 0,8 x 0,01 mm</p>	<p>Digitales Fühlhebelmessgerät Digital dial test indicator</p>  <p>Messbereich: 0 - 0,5 x 0,01 mm Range: 0 - 0,5 x 0,01 mm</p>	<p>Digitales Dickenmessgerät Digital thickness gauge</p>  <p>Messbereich: 0 - 25 x 0,01 mm Range: 0 - 25 x 0,01 mm</p>
<p>Fühlerlehren 20-tlg. 20 pcs. feeler gauge</p>  <p>Messbereich: 0,05 - 1,0 mm Blattlänge: 100 mm Range: 0,05 - 1,0 mm Length: 100 mm</p>	<p>Universal-Magnetmessstativ Mechanical universal magnetic base</p>  <p>Haftkraft: 50 kg Adhesive force: 50 kg</p>	<p>Universal-Magnetmessstativ Hydraulic universal magnetic base</p>  <p>Mit hydraulischer Klemmung Haftkraft: 50 kg With hydraulic clamping Adhesive force: 50 kg</p>	<p>Parallel-Endmaßsatz 47-tlg. Metric gage block set 47 pcs.</p>  <p>Genauigkeit nach DIN 861/1 Inhalt von 1,005 - 100 mm Accuracy according DIN 861/1 Sizes from 1,005 - 100 mm</p>
<p>Parallel-Endmaßsatz 87-tlg. Metric gage block set 87 pcs.</p>  <p>Genauigkeit nach DIN 861/1 Inhalt von 1,001 - 100 mm Accuracy according DIN 861/1 Sizes from 1,001 - 100 mm</p>	<p>Mess- und Prüfstiftsatz 41-tlg. Precision steel plug gauge set</p>  <p>DIN 2269, von 1,0 - 5,0 mm Stufung: 0,1 mm DIN 2269, from 1,0 - 5,0 mm Graduation: 0,1 mm</p>	<p>Mess- und Prüfstiftsatz 91-tlg. Precision steel plug gauge set</p>  <p>DIN 2269, von 1,0 - 10,0 mm Stufung: 0,1 mm DIN 2269, from 1,0 - 10,0 mm Graduation: 0,1 mm</p>	<p>Präzisions-Wasserwaage Master precision level</p>  <p>Länge: 200 mm Genauigkeit: 0,02 mm Length: 200 mm Accuracy: 0,02 mm</p>

<p>Präzisions-Rahmenwasserwaage Precision frame bubble</p>  <p>Abmessung: 200 x 200 mm Genauigkeit: 0,02 mm Measurement: 200 x 200 mm Accuracy: 0,02 mm</p>	<p>Härteprüfgerät RW 150 Rockwell hardness tester RW 150</p>  <p>Messbereich: HRC 20 - 70 Rockwell range: HRC 20 - 70</p>	<p>Digitaler Winkelmesser Digital angle finder</p>  <p>Kostengünstiger Winkelmesser Messbereich: 0° - 90° Cheap angle finder Range: 0° - 90°</p>	<p>Spiralbohrer-Set 19-tlg. 19 pcs. set Tin-coated HSS drills</p>  <p>1 - 10 mm, 0,5 mm steigend HSS TiN-beschichtet 1- 10 mm , 0,5 mm steps HSS TiN-coated</p>
<p>Spiralbohrer-Set 25-tlg. 25 pcs. set TiN-coated HSS drills</p>  <p>1 - 13 mm, 0,5 mm steigend HSS TiN-beschichtet 1 - 13 mm , 0,5 mm steps HSS TiN-coated</p>	<p>Spiralbohrer-Set 41-tlg. 41 pcs. drill set</p>  <p>6 - 10 mm, 0,1 mm steigend in Plastikbox 6 - 10 mm, 0,1 mm steps in plastic box</p>	<p>Spiralbohrer-Set 51-tlg. 51 pcs. set TiN-coated HSS drills</p>  <p>1 - 6,0 mm, 0,1 mm steigend HSS TiN-beschichtet 1 - 6,0 mm, 0,1 mm steps HSS TiN-coated</p>	<p>Spiralbohrer-Set HSS, 118-tlg. 118 pcs. set HSS drills</p>  <p>1 - 13 mm In Metallkassette 1 - 13 mm in metal case</p>
<p>Spiralbohrer-Set, 170-tlg. 170 pcs. set TiN-coated HSS drills</p>  <p>1 - 8 mm (je 10 Stk.) 8,5 - 10 mm (je 5 Stk.) / 0,5 mm steigend 1 - 8 mm (each 10 pcs.), 8,5 - 10 mm (each 5 pcs.) / 0,5 mm steps</p>	<p>Stufenbohrer-Set 3-tlg. 3 pcs. TiN-coated HSS step drill set</p>  <p>4 - 12 / 6 - 20 / 6 - 30 mm TiN-beschichtet, in Metallkassette 4 - 12 / 6 - 20 / 6 - 30 mm TiN-coated, in metal case</p>	<p>Schälbohrer-Set 3-tlg. 3 pcs. TiN-coated conical drill set</p>  <p>3 - 14 / 8 - 20 / 16 - 30 mm TiN-beschichtet, in Metallkassette 3 - 14 / 8 - 20 / 16 - 30 mm TiN-coated, in metal case</p>	<p>Kreisschneider Taper shank HSS circular cutter</p>  <p>Aufnahme MK 2 / MK 3 Durchmesser 30 - 300 mm Taper shank MT 2 / MT 3 From diameter 30 - 300 mm</p>
<p>Spiralbohrer HSS mit Morsekonus Metric size taper shank drills</p>  <p>Satz A, MK 2 - TiN-beschichtet - 10-tlg. MK 2: 14,5 / 15 / 16 / 17 / 18 / 19 / 20 / 21 / 22 / 23 mm, Set A, MT 2 - TiN-coated - 10 pcs.</p>	<p>Spiralbohrer HSS mit Morsekonus Metric size taper shank drills</p>  <p>Satz B, MK 2 / 3 - TiN-beschichtet - 9-tlg. MK 2: 14,5 / 16 / 18 / 20 / 22 mm MK 3: 24 / 25 / 28 / 30 mm Set B, MT 2 / 3 - TiN-coated - 9 pcs.</p>	<p>Spiralbohrer HSS mit Morsekonus Metric size taper shank drills</p>  <p>Satz C, MK 2 / 3, 17-tlg. MK 2: 14,5 / 15 / 16 / 17 / 18 / 19 / 20 / 21 / 22 / 23 mm MK 3: 24 / 25 / 26 / 27 / 28 / 29 / 30 mm</p>	<p>Spiralbohrer HSS mit zyl. Schaft 13 mm reduced shank drills</p>  <p>Satz D, Schaftdurchmesser 13 mm 8-tlg. 13 / 14 / 15 / 16 / 18 / 20 / 22 / 25 mm Shank diameter 13 mm</p>

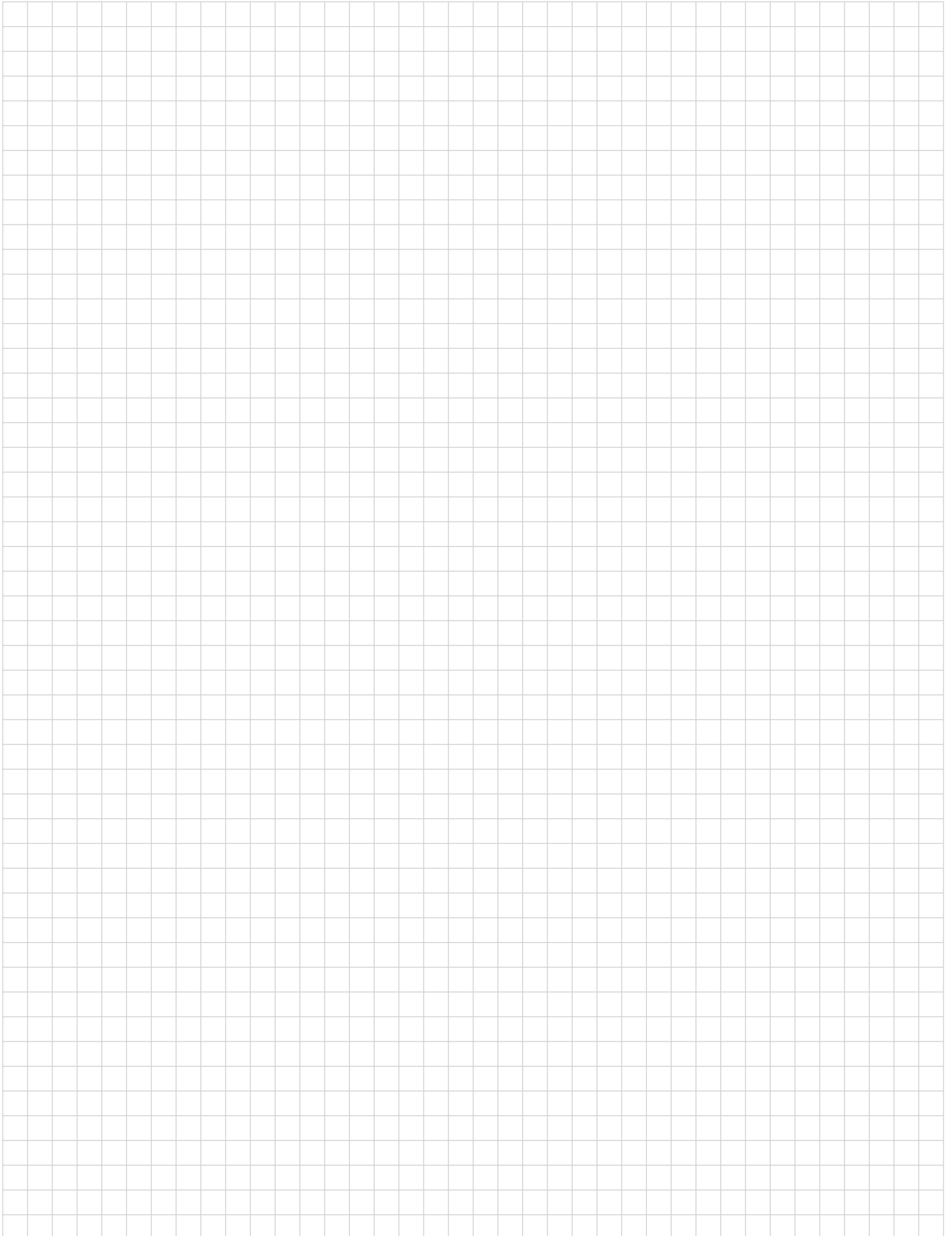
<p>Kegelsenker 90° HSS 6-tlg. 6 pcs. HSS countersink set 90°</p>  <p>DIN 355-C 6,3 / 8,3 / 10,4 / 12,4 / 16,5 / 20,5 mm</p>	<p>Kegel- und Entgratsenker 90° 4-tlg. 4 pcs. countersink and deburring tool</p>  <p>HSS TiN-beschichtet 2 - 5, 5 - 10, 10 - 15, 15 - 20 mm 4 pcs. / set HSS TiN-coated 2 - 5, 5 - 10, 10 - 15, 15 - 20 mm</p>	<p>Flachsenker DIN 373, 7-tlg. Solid cap screw counterborers</p>  <p>HSS, M3 / M4 / M5 / M6 / M8 / M10 / M12</p>	<p>HSS-Kernbohrer-Set CDS / CDL HSS-core drill-set CDS / CSL</p>  <p>2x 14 mm / 2x 18 mm / 1x 22 mm Bohrtiefe / Drill depth: 25 mm (CDS) / 50 mm (CDL) TiN-beschichtet / TiN-coated</p>
<p>HSS-Kernbohrer-Set CDS / CDL HSSCO5-core drill-set CDS / CDL</p>  <p>2x 14 mm / 2x 18 mm / 1x 22 mm Bohrtiefe / Drill depth: 30 mm (CDS) / 50 mm (CDL) nACO-beschichtet / nACO-coated</p>	<p>HSS-Kernbohrer-Set CDS / CDL HSS-core drill-set CDS / CSL</p>  <p>14 / 16 / 18 / 20 / 22 / 24 mm Bohrtiefe / Drill depth: 25 mm (CDS) / 50 mm (CDL) in Plastikbox / in plastic box</p>	<p>HSS-Kernbohrer-Set CDS / CDL HSS-core drill-set CDS / CSL</p>  <p>14 / 16 / 18 / 20 / 22 / 24 mm Bohrtiefe / Drill depth: 25 mm (CDS) / 50 mm (CDL) TiN-beschichtet / TiN-coated</p>	<p>HSS-Kernbohrer-Set CDS / CDL HSSCO5-core drill-set CDS / CDL</p>  <p>14 / 16 / 18 / 20 / 22 / 24 mm Bohrtiefe / Drill depth: 30 mm (CDS) / 50 mm (CDL) nACO-beschichtet / nACO-coated</p>
<p>HM-Kernbohrer-Set TCT-core drill-set</p>  <p>14 / 16 / 18 / 20 / 22 mm Bohrtiefe: 35 mm 14 / 16 / 18 / 20 / 22 mm Drill depth: 35 mm</p>	<p>Universal-Kühlmitteleinrichtung Universal coolant pump</p>  <p>Mit Plastikbehälter (10 l) und flexiblem Schlauch, 230 V / 400 V With plastic tank (10 l) and flexible tube 230 V / 400 V</p>	<p>Universal-Kühlmitteleinrichtung Universal coolant pump</p>  <p>Kompl. mit Behälter (12 l) und flexiblem Schlauch, 230 V / 400 V Compl. with tank (12 l) and flexible tube 230 V / 400 V</p>	<p>Kühlmittelschlauch-Set 1/4" Coolant hose set</p>  <p>28-tlg., Anschluss 1/4" 28-pcs., connection 1/4"</p>
<p>Kühlmittelschlauch-Set 1/2" Coolant hose set</p>  <p>25-tlg., Anschluss 1/2" 25-pcs., connection 1/2"</p>	<p>Kühlmittelschlauch CH2 Coolant hose CH2</p>  <p>mit Magnetfuß with magnetic base</p>	<p>Universal-Kühlmittelkonzentrat Universal coolant fluid</p>  <p>MN 1103, im 5 Liter Kanister MN 1103, 5 liter canister</p>	<p>Bohrmaschinensupport Drill press support</p>  <p>Universell einsetzbar für Bohrmaschinen Universal useable for drilling machines</p>

<p>Maschinenschuh MS 80</p> <p>Machine mount MS 80</p>  <p>Belastbarkeit: 500 kg Durchmesser 80 mm Capacity: 500 kg Diameter 80 mm</p>	<p>Maschinenschuhe NE 80 / 120 / 160</p> <p>Machine mounts NE 80 / 120 / 160</p>  <p>Belastbarkeit: 500 / 800 / 1000 kg Durchmesser: 80 / 120 / 160 mm Capacity: 500 / 800 / 1000 kg Diameter: 80 / 120 / 160 mm</p>	<p>Maschinenleuchte LED 1</p> <p>LED lamp 1</p>  <p>Spannung: 230 V Mit flexiblem Arm und Magnet Voltage: 230 V With flexible arm and magnet</p>	<p>Maschinenleuchte LED 2</p> <p>LED lamp 2</p>  <p>Spannung: 24 V oder 230 V mit Trafo Mit flexiblen Arm Voltage: 24 V or 230 V with transformer With flexible arm</p>
<p>Maschinenleuchte LED 3</p> <p>LED lamp 3</p>  <p>Spannung: 24 V, Durchmesser wahlweise 90 oder 130 mm Voltage: 24 V, diameter optionally 90 or 130 mm</p>	<p>Maschinenleuchte LED 3-130</p> <p>LED lamp 3-130</p>  <p>Spannung: 230 V Mit Trafo Voltage: 230 V With transformer</p>	<p>Maschinenleuchte LED 4</p> <p>LED lamp 4</p>  <p>Spannung: 24 V Voltage: 24 V</p>	<p>Maschinenleuchte LED 4</p> <p>LED lamp 4</p>  <p>Spannung: 230 V Mit Trafo Voltage: 230 V With transformer</p>
<p>Handgewindebohrer-Set HSS 21-tlg.</p> <p>21 pcs. HSS metric hand tap set</p>  <p>M3 / M4 / M5 / M6 / M8 / M10 / M12 In Metallkassette M3 / M4 / M5 / M6 / M8 / M10 / M12 in metal case</p>	<p>Gewindeschneidsatz HSS 32-tlg.</p> <p>32 pcs. HSS tap & die set</p>  <p>HSS-Satzgewindebohrer DIN 352 M3 / M4 / M5 / M6 / M8 / M10 / M12 HSS-Schneideisen DIN 223 M3 / M4 / M5 / M6 / M8 / M10 / M12</p>	<p>Gewindeschneidsatz 45-tlg.</p> <p>Tungsten steel tap & die set</p>  <p>M6 - M24 45 pcs. set M6 - M24</p>	<p>Gewindeschneidsatz 60-tlg.</p> <p>Tungsten steel tap & hex die set</p>  <p>TiN-beschichtet, M3 - M12 TiN-coated, M3 - M12</p>
<p>Gewindeschneidsatz 110-tlg.</p> <p>100 pcs. tap & die set</p>  <p>M2 - M18 In Holzkassette M2 - M18 In wooden case</p>	<p>Magnetisches Spanabhebegerät</p> <p>Magnetic chip collector</p>  <p>Für leichtes Entfernen von Spänen For easy removal of chips</p>		

notes



notes



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