

Bench drill

OPTIdrill B 24H (230V)

Robust version with V-belt drive

Article number ▼

3020241

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines
» Drilling machines with V-belt drive »
OPTIdrill BH

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	760 mm	Gross	116 kg	Delivery	Carrier	DualUse	✘
Width	440 mm	Net	92 kg	Content	1 pc(s).	SCIP	n/a
Height	1,170 mm					SVHC	No



Description ▼

- Smooth and powerful industrial electric motor
- Separate emergency stop impact switch
- Stable casting column
- depth stop
- Precisely machined drill table with diagonal T-slots and circumferential cooling water channel
- Drilling table 360 ° rotatable
- V-belt cover with safety switch
- V-belt quick-clamping device
- Long, ergonomic cast aluminum sleeve lever cast in one piece (B 16H / B 24H with softgrip handles)
- Massive, large base plate with grooves, strongly ribbed on the back
- By swinging away the drilling table, base plate can be used as a work surface for particularly high workpieces
- Guaranteed concentricity measured better than 0.015 mm in the drill quill
- Drill spindle with precision ball bearings
- High-quality OPTIMUM keyless chuck in the standard scope of delivery
- Large, height-adjustable protective screen with safety switch

from B 24H

- machine light

Delivery content ▼

- Keyless chuck (1 - 16 mm)
- Morse taper MK2 / B16
- T-nuts

Media informations ▼



belt drive

- Smooth running thanks to ground multi-tooth driver
- Best power transmission through aluminum pulleys in conjunction with toothed GATES quality V-belt

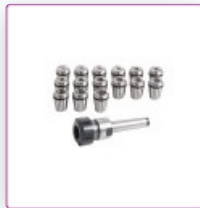
Technical data ▼

Dimensions and weights


Column diameter	80 mm	Length (product) approx.	665 mm
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Width/depth (product) approx.	434 mm	Height (product) approx.	998 mm
Net weight approx.	92 kg		
Drilling performance			
Drilling performance steel (S235JR)	24 mm	Continuous drilling performance steel (S235JR)	20 mm
Drilling table			
Drilling table workspace length	280 mm	Drilling table workspace width	300 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table rotation	360 °	Max. distance spindle - drilling table	515 mm
Speed range			
Speed range	350 – 4000 min ⁻¹	Number of gears	7 Steps
Electrical Data			
Supply voltage	230 V	Mains frequency	50 Hz
Machine base			
Max. distance spindle - machine base	590 mm	Machine base workspace length	280 mm
Machine base workspace width	260 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	120 mm
Spindle			
Quill stroke	85 mm	Spindle chuck	MK 2
Reach	165 mm		
Motor(s)			
Spindle motor drive output	0.85 kW	Number of gears spindle motor	1 Steps

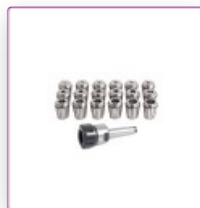
Accessories




Collet chuck set MK 2 / ER 25 - M10

Article number 
3352052

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Collet chuck set MK 2 / ER 32 - M10


Article number 
3352053

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Tapping attachment M5 - M12 / B16

Built-in fast reverse, immediately effective when changing the feed direction

Article number 
3352042

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Tapping chuck with inserts
MK 2; M3 - M12

Article number ▼
3050702

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Tapping chuck small
THERMDRILL M3-M12

Article number ▼
3050715

OPTIMUM®
MASCHINEN - GERMANY



Tapping chuck big
THERMDRILL M8-M20

Article number ▼
3050716

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Precision quick-action drill chuck
1-10 mm, B16

Article number ▼
3050610

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Keyless drill chuck
DKC13 1-13 mm

Article number ▼
3050632

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Keyless drill chuck
DKC16 1-16 mm

Article number ▼
3050633

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OPTIMUM direct quick-action drill chuck
MK 2 1 - 16 mm; up to 6000 min⁻¹

Article number ▼
3050571

OPTIMUM®
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OPTIMUM direct quick-action drill chuck
MK 2 1 - 13 mm; up to 8000 min⁻¹

Article number ▼
3050572

OPTIMUM®
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Clamping tool kit
SPW 12

Article number ▼
3352017

OPTIMUM®
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T-nut
M 12/14 mm

Article number ▼
3353025

OPTIMUM®
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T-nut
M 12 / 15.7 mm

Article number ▼
3353024

OPTIMUM®
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Twist drill HSS with Morse taper
MT 2

Article number ▼
3051002

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Twist Drill Set
25 pieces, 1 - 13 mm

Article number ▼
3201010

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Twist Drill Set
41-piece, 6 - 10 mm (0.1 mm rising)

Article number ▼
3201021

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Countersink set
6 pieces: 6/8/10 / 11.5 / 15/19 mm

Article number ▼
3201050

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Countersink set
HSS, 6 pieces

Article number ▼
3201051

OPTIMUM®
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Sheet metal cone drill set
HSS, 3-part, 3 - 30.5 mm

Article number ▼
3201055

OPTIMUM®
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Thread repair assortment
M5 - M12

Article number ▼
3202010

OPTIMUM®
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Morse taper
MK2-B16

Article number ▼
3050659

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Extension sleeve
MK 2-MK 3

Article number ▼
3050667

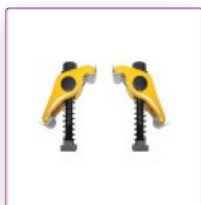
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Cone ejector
MSP1

Article number ▼
3050636

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Down device
Table groove 14 mm / M 12

Article number ▼
3352031

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Collet chuck
THERMDRILL B16 - ER32

Article number ▼
3060007

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Universal coolant device
230 V

Article number ▼
3351999

OPTIMUM®
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Universal machine and tool trolley
MSU 3

Article number ▼
3352990

OPTIMUM®
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Universal machine and tool trolley
MSU 4

Article number ▼
3352991

OPTIMUM®
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Machine vice
BMP 100

Article number ▼
3052610

OPTIMUM®
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Machine vice
BMP 130

Article number ▼
3052613

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BSI 100

Article number ▼
3000210

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BSI-Q 100

Article number ▼
3000230

OPTIMUM®
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Clamping tool kit
SPW 10

Article number ▼
3352016

OPTIMUM®
MASCHINEN - GERMANY



Cooling lubricant nebulizer
MMC1

Article number ▼
3356663

OPTIMUM®
MASCHINEN - GERMANY



Coolant hoses with magnetic base
KMS 2

Article number ▼
3356660

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MASCHINEN - GERMANY



Workplace mat
1840 x 640 mm
For the dry and wet area
Article number ▼
6800000

unicraft®
Werkstatttechnik



Workplace mat
1840 x 940 mm
For the dry and wet area
Article number ▼
6800005

unicraft®
Werkstatttechnik



Workplace mat
3040 x 940 mm
For the dry and wet area
Article number ▼
6800006

unicraft®
Werkstatttechnik



Workplace mat
3040 x 640 mm
For the dry and wet area
Article number ▼
6800001

