

Bench drill

OPTIdrill B 16H

Robust version with V-belt drive

Article number ▼

3020217

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	600 mm	Gross	70 kg	Delivery	Carrier	DualUse	✘
Width	360 mm	Net	54 kg	Content	2 pc(s).	SCIP	n/a
Height	1,000 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

Delivery content ▼

- Keyless chuck (1 - 13 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	60 mm	Length (product) approx.	549 mm
Width/depth (product) approx.	300 mm	Height (product) approx.	848 mm
Net weight approx.	54 kg		

Drilling performance			
Drilling performance steel (S235JR)	13 mm	Continuous drilling performance steel (S235JR)	11 mm
Drilling table			
Drilling table workspace length	230 mm	Drilling table workspace width	245 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	12 mm
Drilling table rotation	360 °	Max. distance spindle - drilling table	370 mm
Speed range			
Speed range	450 – 3500 min ⁻¹	Number of gears	5 Steps
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Machine base			
Max. distance spindle - machine base	495 mm	Machine base workspace length	200 mm
Machine base workspace width	240 mm	Machine base T-groove size	12 mm
Machine base T-groove number	2	Machine base T-groove spacing	80 mm
Spindle			
Quill stroke	65 mm	Spindle chuck	MK 2
Reach	130 mm		
Motor(s)			
Spindle motor drive output	0.55 kW	Number of gears spindle motor	1 Steps

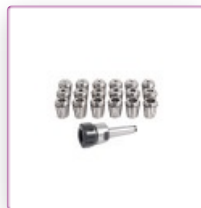
Accessories ▼



Collet chuck set MK 2 / ER 25 - M10

Article number ▼
3352052

OPTIMUM®
MASCHINEN - GERMANY



Collet chuck set MK 2 / ER 32 - M10

Article number ▼
3352053

OPTIMUM®
MASCHINEN - GERMANY



Tapping attachment M5 - M12 / B16

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

Article number ▼
3352042

OPTIMUM®
MASCHINEN - GERMANY



Tapping chuck with inserts MK 2; M3 - M12

Article number ▼
3050702

Availability ▼
In stock
Immediate delivery

Purchase ▼
Minimum 1 pc(s).

Price informations ▼

OPTIMUM[®]
MASCHINEN - GERMANY



Tapping chuck small THERMDRILL M3-M12

Article number ▼
3050715

OPTIMUM[®]
MASCHINEN - GERMANY



Tapping chuck big THERMDRILL M8-M20

Article number ▼
3050716

OPTIMUM[®]
MASCHINEN - GERMANY



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

Article number ▼
3050610

OPTIMUM[®]
MASCHINEN - GERMANY



Keyless drill chuck DKC13 1-13 mm

Article number ▼
3050632

OPTIMUM[®]
MASCHINEN - GERMANY



Keyless drill chuck
DKC16 1-16 mm

Article number ▼
3050633

OPTIMUM®
MASCHINEN - GERMANY



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

Article number ▼
3050571

OPTIMUM®
MASCHINEN - GERMANY



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

Article number ▼
3050572

OPTIMUM®
MASCHINEN - GERMANY



Clamping tool kit
SPW 10

Article number ▼
3352016

OPTIMUM®
MASCHINEN - GERMANY



T-nut
M 10/12 mm

Article number ▼
3353022

OPTIMUM®
MASCHINEN - GERMANY



Twist drill HSS with Morse taper
MT 2

Article number ▼
3051002

OPTIMUM®
MASCHINEN - GERMANY



Twist Drill Set
25 pieces, 1 - 13 mm

Article number ▼
3201010

OPTIMUM®
MASCHINEN - GERMANY



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

Article number ▼
3201021

OPTIMUM®
MASCHINEN - GERMANY



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

Article number ▼
3201050

OPTIMUM®
MASCHINEN - GERMANY



Countersink set
HSS, 6 pieces

Article number ▼
3201051

OPTIMUM®
MASCHINEN - GERMANY



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

Article number ▼
3201055

OPTIMUM®
MASCHINEN - GERMANY



Thread repair assortment

M5 - M12

Article number ▼

3202010

OPTIMUM®
MASCHINEN - GERMANY



Morse taper

MK2-B16

Article number ▼

3050659

OPTIMUM®
MASCHINEN - GERMANY



Universal coolant device

230 V

Article number ▼

3351999

OPTIMUM®
MASCHINEN - GERMANY



Universal machine and tool trolley

MSU 3

Article number ▼

3352990

OPTIMUM®
MASCHINEN - GERMANY



Universal machine and tool trolley

MSU 4

Article number ▼

3352991

OPTIMUM®
MASCHINEN - GERMANY



Machine vice

BMP 100

Article number ▼

3052610

OPTIMUM®
MASCHINEN - GERMANY



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®
MASCHINEN - GERMANY



Cooling lubricant nebulizer
MMC1

Article number ▼
3356663

OPTIMUM®
MASCHINEN - GERMANY



Coolant hoses with magnetic base
KMS 2

Article number ▼
3356660

OPTIMUM®
MASCHINEN - GERMANY



Cone ejector
MSP1

Article number ▼
3050636

OPTIMUM®
MASCHINEN - GERMANY

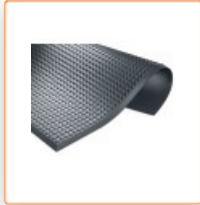


Workplace mat
1840 x 640 mm
For the dry and wet area
Article number ▼
6800000

unicraft®
Werkstatttechnik



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



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



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

