

Bench drill

OPTIdrill D 17Pro

with V-belt drive

Article number ▼

3003010

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with V-belt drive » OPTIdrill D

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	720 mm	Gross	45 kg	Delivery	Carrier	DualUse	✘
Width	470 mm	Net	36.5 kg	Content	5 pc(s).	SCIP	n/a
Height	270 mm					SVHC	No



Description ▼

- Industrial engine
- Easy to use safety switch according to IP 54
- Digital drilling depth and speed indicator integrated in the housing
- Separate emergency stop impact switch
- Precision Spindle bore
- Safety electronics in 24 V DC
- Guaranteed concentricity measured less than 0.02 mm in the drill quill
- Drill spindle with precision ball bearings
- High quality keyless chuck
- Depth stop
- Precision machined, stable drill table with diagonal T-slots and circumferential cooling water channel
- V-belt cover with safety switch
- One piece cast aluminum die-cast quill lever with softgrip handles
- Large, height-adjustable protective screen with safety switch
- Heavy version of the entire machine

From D 23 Pro

- GATES quality strap

From D 23 Pro / 400 V

- Forward / reverse operation

D 33Pro

- Massive, large base plate with T-slots, strongly ribbed on the back

Delivery content ▼

- Keyless chuck 1 - 16 mm
- Morse cone MK 2 / B16
- T-nuts

Media informations ▼



- Digital drilling depth and speed display integrated in housing
- Unit convertible metric / inch



- Precisely machined, stable drilling table with diagonally running T-slots and circumferential cooling water channel
- Laterally tiltable ± 45
- Rotatable 360

- Industrial motor

Technical data ▼

Dimensions and weights			
Column diameter	60 mm	Length (product) approx.	565 mm
Width/depth (product) approx.	275 mm	Height (product) approx.	840 mm
Net weight approx.	39.5 kg		
Drilling performance			
Drilling performance steel (S235JR)	16 mm	Continuous drilling performance steel (S235JR)	12 mm
Drilling table			
Drilling table workspace length	235 mm	Drilling table workspace width	220 mm
Drilling table T-groove size	12 mm	Drilling table rotation	360 °
Drilling table angle	45 °	Max. distance spindle - drilling table	325 mm
Speed range			
Speed range	680 – 2700 min ⁻¹	Number of gears	5
Electrical Data			
Drive motor output	0,5 kW	Supply voltage	230 V
Mains frequency	50 Hz		
Machine base			
Max. distance spindle - machine base	530 mm	Machine base workspace length	220 mm
Machine base workspace width	230 mm	Machine base T-groove size	16 mm
Machine base T-groove number	2	Machine base T-groove spacing	148 mm
Spindle			
Quill stroke	65 mm	Spindle chuck	MK2
Reach	152 mm		

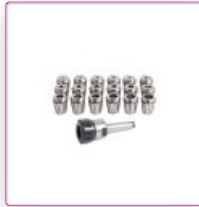
Accessories ▼



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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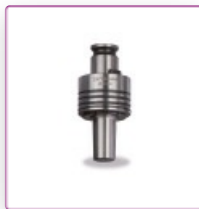


Tapping attachment
M5 - M12 / B16

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

Article number ▼
3352042

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Tapping chuck small
THERMDRILL M3-M12

Article number ▼
3050715

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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

OPTIMUM[®]
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OPTIMUM direct quick-action drill chuck

MK 2 1 - 16 mm; up to 6000 min⁻¹

Article number ▼

3050571

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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 10

Article number ▼

3352016

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T-nut

M 10/12 mm

Article number ▼

3353022

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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

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

Article number ▼
3201055

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Thread repair assortment
M5 - M12

Article number ▼
3202010

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Morse taper
MK2-B16

Article number ▼
3050659

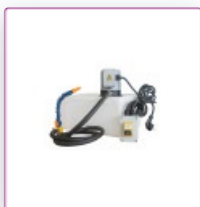
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Cone ejector
MSP1

Article number ▼
3050636

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Universal coolant device
230 V

Article number ▼
3351999

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Universal machine and tool trolley
MSU 3

Article number ▼
3352990

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Universal machine and tool trolley
MSU 4

Article number ▼
3352991

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Machine vice
BME 100

Article number ▼
3052632

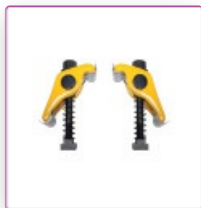
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Machine vice
BMP 100

Article number ▼
3052610

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Down device
Table groove 14 mm / M 12

Article number ▼
3352031

OPTIMUM®
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Cooling lubricant nebulizer
MMC1

Article number ▼
3356663

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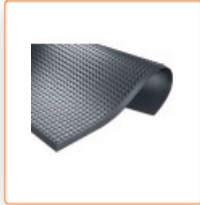
Coolant hoses with magnetic base
KMS 2

Article number ▼
3356660

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



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

