

## Bench drill

### OPTIdrill DQ 14

Inexpensive bench drill with V-belt drive

#### Article number ▼

3191040

#### Brand ▼

Optimum

#### Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with V-belt drive » OPTIdrill DQ

**OPTIMUM**<sup>®</sup>  
MASCHINEN - GERMANY



#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	520 mm	Gross	19.72 kg	Delivery	Carrier	DualUse	✘
Width	380 mm	Net	18.49 kg	Content	1 pc(s).	SCIP	n/a
Height	260 mm					SVHC	No



## Description ▼

- Separate emergency stop stop switch
- Drill depth stop
- Drilling table  $\pm 45^\circ$  inclinable and  $360^\circ$  rotatable
- One-piece die-cast aluminium quill lever with soft-grip handles
- Precision spindle drilling
- Safety electrics in 24 V DC voltage
- Guaranteed concentricity accuracy of less than 0.03 mm measured in the drilling sleeve
- Drilling spindle with preprecision ball bearings
- High-quality quick-action drill chuck
- GATES quality belt
- Largely dimensioned base plate with T-slots, heavily ribbed on the rear side

## Delivery content ▼

- Quick action drill chuck 1 - 15.9 mm
- T-nuts

## Media informations ▼



### Belt drive

- Best power transmission due to aluminium pulleys in combination with toothed GATES quality V-belt
- V-belt cover with safety switch



### LED machine light

- Glare-free LED illumination integrated in the drill head
- No disturbing shadows



### Scale drilling depth stop

- Easily adjustable and readable scale of the drilling depth stop



### Scale table inclination

- The drilling table can be tilted 45° to the right or left
- Easy to read angle scale

## Technical data


Dimensions and weights			
Column diameter	46 mm	Length (product) approx.	472 mm
Width/depth (product) approx.	283 mm	Height (product) approx.	634 mm
Net weight approx.	18,5 kg		
Drilling performance			
Drilling performance steel (S235JR)	13 mm		

		Continuous drilling performance steel (S235JR)	12 mm
<b>Drilling table</b>			
Drilling table workspace length	170 mm	Drilling table workspace width	170 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table T-groove number	2	Drilling table rotation	360 °
Drilling table angle	± 45 °	Drilling table load bearing capacity	8 kg
Max. distance spindle - drilling table	250 mm		
<b>Speed range</b>			
Speed range	700 – 2500 min <sup>-1</sup>	Number of gears	5 Steps
<b>Electrical Data</b>			
Drive motor output	0.35 kW	Supply voltage	230 V
Mains frequency	50 Hz		
<b>Machine base</b>			
Max. distance spindle - machine base	340 mm	Machine base workspace length	138 mm
Machine base workspace width	128 mm		
<b>Spindle</b>			
Quill stroke	52 mm	Spindle chuck	solid/B16
Reach	104 mm		

## Accessories




### 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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**Machine vice**  
**BMP 100**

**Article number** ▼  
3052610

**OPTIMUM®**  
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**Machine vice**  
**BME 85**

**Article number** ▼  
3052630

**OPTIMUM®**  
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**Machine vice**  
**BME 100**

**Article number** ▼  
3052632

**OPTIMUM®**  
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**Collet chuck**  
**THERMDRILL B16 - ER32**

**Article number** ▼  
3060007

**OPTIMUM®**  
MASCHINEN - GERMANY



**Twist Drill Set**  
**25 pieces, 1 - 13 mm**

**Article number** ▼  
3201010

**OPTIMUM®**  
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**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®**  
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**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®**  
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**Thread repair assortment**  
**M5 - M12**

**Article number** ▼  
3202010

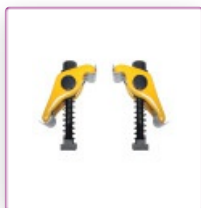
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**Clamping tool kit**  
**SPW 12**

**Article number** ▼  
3352017

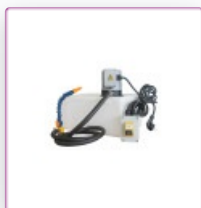
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**Down device**  
**Table groove 14 mm / M 12**

**Article number** ▼  
3352031

**OPTIMUM®**  
MASCHINEN - GERMANY



**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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**T-nut**  
M 12 / 15.7 mm

**Article number** ▼  
3353024

**OPTIMUM®**  
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**T-nut**  
M 12/14 mm

**Article number** ▼  
3353025

**OPTIMUM®**  
MASCHINEN - GERMANY



**Stop and clamping element**  
Ø 30 / 14 – 26 mm

For 8 – 10 mm groove, clamping range 14 – 26 mm

**Article number** ▼  
5198149

**holzkraft®**  
Holzbearbeitungsmaschinen



**Cooling lubricant nebulizer**  
MMC1

**Article number** ▼  
3356663

**OPTIMUM®**  
MASCHINEN - GERMANY



**Coolant hoses with magnetic base**  
KMS 2

**Article number** ▼  
3356660

**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

**unicraft®**  
Werkstatttechnik





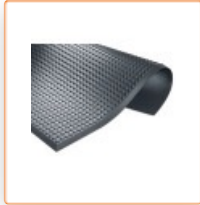
**Workplace mat**

**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

