

Bench drill

OPTIdrill DQ 18

Inexpensive bench drill with V-belt drive

Article number ▼

3191042

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with V-belt drive » OPTIdrill DQ

OPTIMUM[®]
MASCHINEN - GERMANY



Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	670 mm	Gross	30.2 kg	Delivery	Carrier	DualUse	✘
Width	460 mm	Net	28.3 kg	Content	1 pc(s).	SCIP	n/a
Height	300 mm					SVHC	No



Description ▼

- Separate emergency stop stop switch
- Drill depth stop
- Precisely machined, stable drilling table with diagonally running T-slots and circumferential cooling water trough
- Drilling table $\pm 45^\circ$ inclinable and 360° 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 - 16 mm
- Morse taper MK 2/B16
- T-nuts

Media informations ▼



Figure shows DQ 22



Belt drive

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



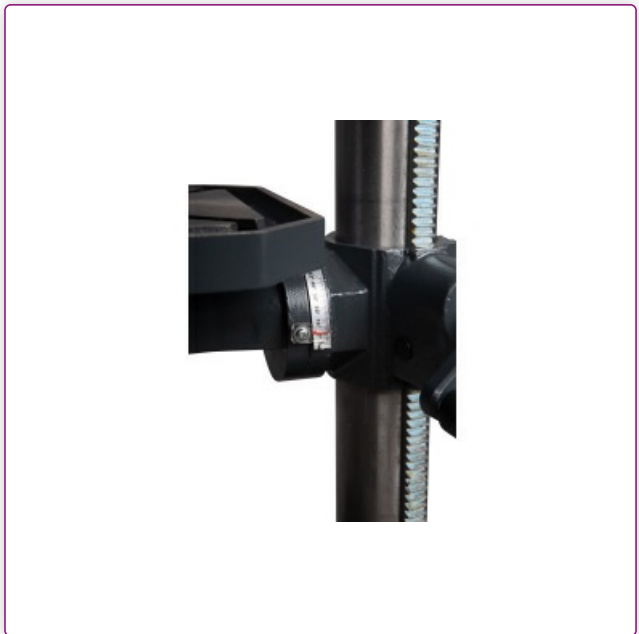
LED machine light

- 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

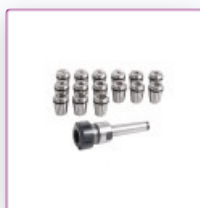
- The drilling table can be tilted 45° to the right or left
- Easy to read angle scale

Technical data ▼

Dimensions and weights			
Column diameter	60 mm	Length (product) approx.	568 mm
Width/depth (product) approx.	319 mm	Height (product) approx.	849 mm
Net weight approx.	28.5 kg		
Drilling performance			

Drilling performance steel (S235JR)	15.9 mm	Continuous drilling performance steel (S235JR)	14 mm
Drilling table			
Drilling table workspace length	200 mm	Drilling table workspace width	200 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	12 kg
Max. distance spindle - drilling table	319 mm		
Speed range			
Speed range	600 – 2400 min ⁻¹	Number of gears	5 Steps
Electrical Data			
Drive motor output	0,45 kW	Supply voltage	230 V
Mains frequency	50 Hz		
Machine base			
Max. distance spindle - machine base	518 mm	Machine base workspace length	145 mm
Machine base workspace width	143 mm		
Spindle			
Quill stroke	65 mm	Spindle chuck	MK 2
Reach	127 mm		

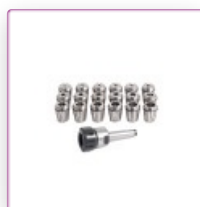
Accessories ▼



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

OPTIMUM®
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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

OPTIMUM®
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Keyless drill chuck
DKC13 1-13 mm

Article number ▼
3050632

OPTIMUM®
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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

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

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T-nut
M 12 / 15.7 mm

Article number ▼
3353024

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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

OPTIMUM®
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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

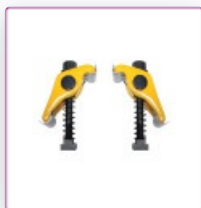
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Morse taper
MK2-B16

Article number ▼
3050659

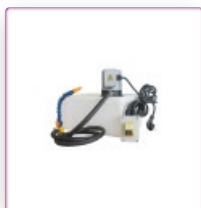
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Down device
Table groove 14 mm / M 12

Article number ▼
3352031

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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
BME 100

Article number ▼
3052632

OPTIMUM®
MASCHINEN - GERMANY



Machine vice
BMP 100

Article number ▼
3052610

OPTIMUM®
MASCHINEN - GERMANY



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

unicraft®
Werkstatttechnik



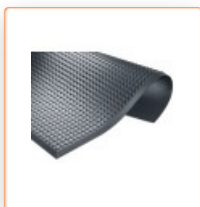
Workplace mat
1840 x 940 mm
For the dry and wet area
Article number ▼
6800005

unicraft®
Werkstatttechnik



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

unicraft®
Werkstatttechnik



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

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