

## Upright drill

### OPTIdrill DH 32GS

With polyamide gear wheels and tapping attachment. Installation of an optional footswitch possible

#### Article number ▼

3034240

#### Brand ▼

Optimum

#### Catalog directory ▼

Metalworking machines » Drilling machines  
» Transmission drilling machines » OPTIdrill  
DH GT / GS

#### Purchase ▼

Minimum 1 pc(s).



**OPTIMUM**  
MASCHINEN - GERMANY

#### Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	2,240 mm	Gross	378 kg	Delivery	Carrier	DualUse	✘
Width	550 mm	Net	312 kg	Content	1 pc(s).	SCIP	n/a
Height	990 mm					SVHC	No



## Description ▼

- High concentricity due to hardened and ground main spindle
- Low-maintenance gearbox with grease lubrication
- Gearbox with PA6 gears
- Large speed range
- Heavy, solid cast construction
- Large, height-adjustable protective screen with safety switch for the utmost protection of the user
- Drilling depth stop adjustable with millimeter scale
- Forward / reverse operation
- Machine light integrated in the drill head
- Integrated expeller for easy tool change
- Precision machined drilling table with diagonal T-slots with all-round cooling water channel
- Thick-walled cast-iron column for high power absorption and stability
- Massive base plate, large dimensions and strongly ribbed on the back

## OPTIdrill DH 32GS

- Tapping function
- Automatic quill feed
- Coolant device and chip filter according to Machinery Directive
- Optional foot switch for switching between right-left rotation and thread cutting (article no. 3050032) available

## Delivery content ▼

- Adapter MK4-B16

## Media informations ▼



Illustration shows OPTIdrill DH 32GS with optional chuck



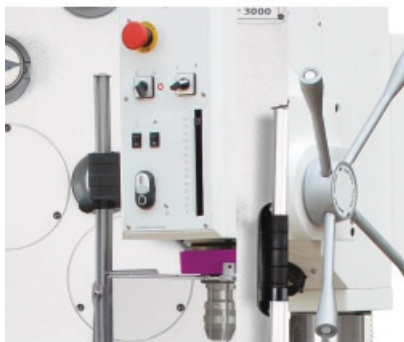
**Ejector**

- Integrated ejector for easy mold change



### Machine light

- integrated in the drill head



### Automatic spindle sleeve feed

- Activation by the push-button in the quill lever. The feed is effected by an electromagnetic clutch. Switching off is done by the drilling depth stop or by pressing the pushbutton in the spindle sleeve lever again

## Technical data

Dimensions and weights			
Column diameter	115 mm	Length (product) approx.	725 mm
Width/depth (product) approx.	450 mm	Height (product) approx.	2200 mm
Net weight approx.	312 kg		
Drilling performance			
Drilling performance steel (S235JR)	30 mm		

		Continuous drilling performance steel (S235JR)	26 mm
Thread tapping steel (S235JR)	M 16 x 2 mm		
<b>Drilling table</b>			
Drilling table workspace length	400 mm	Drilling table workspace width	420 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 load bearing capacity	120 kg	Max. distance spindle - drilling table	820 mm
<b>Speed range</b>			
Speed range	75 – 2000 min <sup>-1</sup>	Number of gears	8 Steps
<b>Electrical Data</b>			
Supply voltage	400 V	Mains frequency	50 Hz
<b>Machine base</b>			
Max. distance spindle - machine base	1270 mm	Machine base workspace length	450 mm
Machine base workspace width	395 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	150 mm
<b>Spindle</b>			
Quill stroke	125 mm	Spindle chuck	MT 4
Reach	285 mm	Quill feed speed	0.05 / 0.1 mm/rev
<b>Motor(s)</b>			
Spindle motor drive output	1,5 / 2,2 kW	Coolant pump drive motor output	40 W

## Accessories ▼



### Twist drill HSS with Morse taper MT 3

Article number ▼  
3051003

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