

Gearbox drilling machine

OPTIdrill DH 35G

With coolant and thread cutting device

OPTIMUM
MASCHINEN - GERMANY

Article Number ▼

3034250

Additional Costs ▼

Total 60.00 €

TPZ400 60.00 €

Availability ▼

In stock

Immediate delivery

Brand ▼

Optimum

Catalog Path ▼

Metalworking machines » Drilling machines »

Transmission drilling machines » OPTIdrill DH 35G / DH

35V



Order ▼

Minimum 1 pc(s).

Shipment Informations ▼

Packaging Metrics		Weights		Delivery	
Length	2,240 mm	Gross	410 kg	Delivery	Carrier
Width	550 mm	Net	380 kg	Content	1 pc(s).
Height	990 mm				

Description ▼

- Dirt and water resistant, easy to clean membrane keypad
- Electronics 24V DC
- Depth stop
- Electrical quill feed
- Low-maintenance, running in closed oil bath gearbox
- Threading attachment
- Machine light integrated in the drill head
- Main switch
- Large, height-adjustable protective screen with safety switch for the utmost protection of the user
- Large dimensioned, solid drill table, precisely worked with diagonal T-slots and all-round cooling water channel, strongly ribbed on the back, tiltable $\pm 90^\circ$ sideways
- Coolant device integrated with coolant reservoir in the base plate
- Chip filter cleans the coolant from coarse components
- Extremely stable, thick-walled cast-iron column for high power consumption
- Solid base plate with parallel T-slots, precision surface finish
- Optional foot switch for switching between right-left rotation and thread cutting (article no. 3050032) available

Delivery Contents ▼

- Keyless chuck 1 - 16 mm
- Morse cone MK 4-B16

Technical Data ▼

Dimensions and weights			
Length (product) approx.	725 mm	Column diameter	115 mm
Width/depth (product) approx.	450 mm	Height (product) approx.	2175 mm
Net weight approx.	350 kg		
Drilling performance			
Drilling performance steel (S235JR)	35 mm	Continuous drilling performance steel (S235JR)	30 mm
Thread tapping steel (S235JR)	M 24		
Drilling table			
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 load bearing capacity	200 kg	Max. distance spindle - drilling table	800 mm
Min. distance spindle - drilling table	65 mm		
Speed range			
Speed range	75 – 2000 min ⁻¹	Number of gears	8 Stages
Electric Data			
Drive motor output	2.2 kW	Supply voltage	400 V
Phase(s)	3 Ph	Current type	AC
Mains frequency	50 Hz		
Machine base			
Max. distance spindle - machine base	1217 mm	Machine base workspace length	420 mm
Machine base workspace width	659 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	150 mm
Spindle			
Quill stroke	125 mm	Spindle chuck	MT 4
Reach	285 mm	Quill feed speed	0.05 – 0.15 mm/rev
Quill feed gears	3 Stages		
Motor(s)			
Coolant pump drive motor output	40 W		

Accessories ▼



Clamping tool kit SPW 12

Article Number ▼
3352017

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

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

Article Number ▼
3050610

Availability ▼
No stock available
Delivery time on
request
Next availability
Unknown

Order ▼
Minimum 1 pc(s).

Price Informations ▼

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Reduction sleeve MK4-MK3

Article Number ▼
3050664

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

OPTIMUM®
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Precision quick-action drill chuck 1 - 8 mm, B16

Article Number ▼
3050608

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

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Quick-action drill chuck DKC16 1-16 mm

Article Number ▼
3050633

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

OPTIMUM®
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Quick-action drill chuck DKC13 1-13 mm

Article Number ▼
3050632

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

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OPTIMUM direct quick-action drill chuck MK 4 1 - 16 mm; up to 6000 min⁻¹

Article Number ▼
3050574

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

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Reduction sleeve MK4-MK2

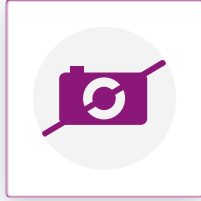
Article Number ▼
3050665

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Morse taper MK4-B16

Article Number ▼
3050661

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Tapping attachment M5 - M12 / B16

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

Article Number ▼
3352042

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Foot switch for OPTIdrill DH 32GS and DH 32GSV

Article Number ▼
3050032

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

OPTIMUM®
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Basic equipment Thermdrill Basic Kit

Article Number ▼
3060004

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Collet chuck Thermdrill B16 - ER32

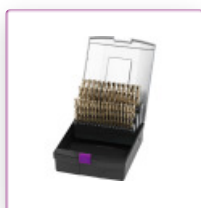
Article Number ▼
3060007

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

OPTIMUM®
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Twist Drill Set 25 pieces, 1 - 13 mm

Article Number ▼
3201010

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Twist Drill Set

51 pieces, 1 - 6 mm (0.1 mm rising)

Article Number ▼
3201020

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Twist Drill Set

41-piece, 6 - 10 mm (0.1 mm rising)

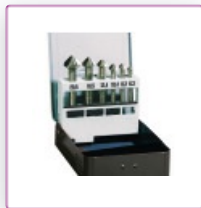
Article Number ▼
3201021

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Countersink set

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

Article Number ▼
3201050

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Countersink set

HSS, 6 pieces

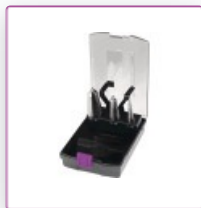
Article Number ▼
3201051

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Stepped twist drill bit

HSS, 3-part, 4-30 mm

Article Number ▼
3201056

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Sheet metal cone drill set

HSS, 3-part, 3 - 30.5 mm

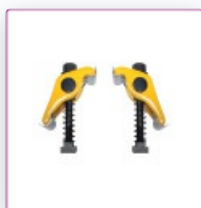
Article Number ▼
3201055

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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Down device

Table groove 14 mm / M 12

Article Number ▼
3352031

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Information ▼

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T-nut
M 12/14 mm

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Article Number ▼
3353025

Availability ▼
In stock
Immediate delivery

Order ▼
Minimum 1 pc(s).

Price Informations ▼

The prices quoted are subject to change. Price changes reserved. Our terms and conditions apply. Jurisdiction is Bamberg. The place of performance is Hallstadt as agreed.