

Upright drill

OPTIdrill B 28H

Robust version with V-belt drive

Article number ▼

3020283

Brand ▼

Optimum

Catalog directory ▼

Metalworking machines » Drilling machines

» Drilling machines with V-belt drive » OPTIdrill BH

Purchase ▼

Minimum 1 pc(s).



OPTIMUM
MASCHINEN - GERMANY

Shipping informations ▼

Packaging Metrics		Weights		Delivery		Other	
Length	770 mm	Gross	178 kg	Delivery	Carrier	DualUse	✗
Width	500 mm	Net	142 kg	Content	1 pc(s).	SCIP	n/a
Height	1,940 mm					SVHC	No



Description ▼

- Smooth and powerful industrial electric motor
- Separate emergency stop impact switch
- Stable casting column
- depth stop
- Precisely machined drill table with diagonal T-slots and circumferential cooling water channel
- Drilling table 360 ° rotatable
- V-belt cover with safety switch
- V-belt quick-clamping device
- Long, ergonomic cast aluminum sleeve lever cast in one piece (B 16H / B 24H with softgrip handles)
- Massive, large base plate with grooves, strongly ribbed on the back
- By swinging away the drilling table, base plate can be used as a work surface for particularly high workpieces
- Guaranteed concentricity measured better than 0.015 mm in the drill quill
- Drill spindle with precision ball bearings
- High-quality OPTIMUM keyless chuck in the standard scope of delivery
- Large, height-adjustable protective screen with safety switch

from B 24H

- machine light

from B 24H / 400V

- Forward / reverse operation

from B 28H

- Easy tool change through integrated expeller
- Quillons made of steel

Delivery content ▼

- Keyless chuck (1 - 16 mm)
- Morse cone MK3 / B16
- T-nuts

Media informations ▼



belt drive

- Smooth running thanks to ground multi-tooth driver
- Best power transmission through aluminum pulleys in conjunction with toothed GATES quality V-belt

Technical data ▼

Dimensions and weights			
Column diameter	92 mm	Length (product) approx.	698 mm
Width/depth (product) approx.	449 mm	Height (product) approx.	1721 mm
Net weight approx.	142 kg		
Drilling performance			
Drilling performance steel (S235JR)	28 mm	Continuous drilling performance steel (S235JR)	24 mm
Drilling table			
Drilling table workspace length	340 mm	Drilling table workspace width	360 mm
Drilling table T-groove type	diagonal	Drilling table T-groove size	14 mm
Drilling table rotation	360 °	Max. distance spindle - drilling table	860 mm
Speed range			
Speed range	120 – 4000 min ⁻¹	Number of gears	16 Steps
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Machine base			
Max. distance spindle - machine base	1285 mm	Machine base workspace length	320 mm
Machine base workspace width	320 mm	Machine base T-groove size	14 mm
Machine base T-groove number	2	Machine base T-groove spacing	120 mm
Spindle			
Quill stroke	105 mm	Spindle chuck	MK 3
Reach	200 mm		
Motor(s)			
Spindle motor drive output	0.85 kW	Number of gears spindle motor	1 Steps



Twist drill HSS with Morse taper
MT 3

Article number ▼

3051003

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