

## OPTIdrill® DH 26GT / DH 28GS / DH 32GS

### Bench and Upright drills with polyamide gearwheels.

Installation of an optional footswitch possible with DH 32GS

#### Facts that impress in terms of quality, performance and price

- ▶ Excellent concentricity thanks to hardened and polished main spindle
- ▶ Low-maintenance, grease-lubricated gearbox
- ▶ Gearbox with PA6 gearwheels
- ▶ Large speed range
- ▶ Heavy, solid cast design
- ▶ Generously dimensioned, height adjustable protective screen with safety switch for greatest possible user protection
- ▶ Adjustable drilling depth stop with millimetre scale
- ▶ Right-handed/left-handed rotation
- ▶ Machine lamp integrated in drilling head
- ▶ Integrated push-out tool for easy tool changes

- ▶ Drilling table with precision workmanship, diagonal T-slots, circumferential coolant duct
- ▶ Thick walled cast column for high force absorption and stability
- ▶ Solid baseplate, large dimensions und pronounced ribbing on rear

#### OPTIdrill DH 32GS

- ▶ Thread tapping function
- ▶ Automatic spindle sleeve feed
- ▶ Coolant system and chip filter in line with Machinery Directive
- ▶ Optional footswitch available for toggling between clockwise/ anticlockwise run and for thread tapping (Article no. 3050032)

#### DH 32GS

##### Automatic spindle sleeve feed



- › Activation by pressure switch in spindle sleeve lever. An electromagnetic clutch provides propulsion. The unit is deactivated using the drilling depth stop or by once again pressing the button in the spindle sleeve lever.

#### Thermdrill



- › Information see page





## Technical data and accessories

Model	DH 26GT	DH 28GS	DH 32GS
Article no.	3034220	3034230	3034240
<b>Technical specifications</b>			
Electrical connection	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz	400 V / 3 Ph ~50 Hz
Motor output	1.1 / 1.5 kW	1.1 / 1.5 kW	1.5 / 2.2 kW
Coolant pump motor	-	-	40 W
<b>Drilling performance</b>			
Drilling performance in steel (S235JR)	Ø 24 mm	Ø 26 mm	Ø 30 mm
Continuous drilling performance steel (S235JR)	Ø 21 mm	Ø 23 mm	Ø 26 mm
Thread tapping steel (S235JR)	-	-	M16 x 2 mm
<b>Spindle</b>			
Spindle sleeve stroke	127 mm	127 mm	125 mm
Spindle seat	MT 3	MT 3	MT 4
Throat	235 mm	260 mm	285 mm
Automatic spindle sleeve feed	-	-	2 speeds: 0.05 mm / 0.1 mm
<b>Speeds</b>			
Spindle speeds	75 - 2 900 rpm	75 - 2 900 rpm	75 - 2 000 rpm
Number of speeds	8 speeds	8 speeds	8 speeds
<b>Drilling table</b>			
Workspace drilling table length x width	380 x 380 mm	376 x 394 mm	400 x 420 mm
T-slot size	14 mm, diagonal	14 mm, diagonal	14 mm, diagonal
Drilling table load bearing capacity	120 kg	150 kg	200 kg
Rotating drilling table	360°	360°	360°
Clearance spindle - drilling table	max. 450 mm	max. 875 mm	max. 820 mm
<b>Machine base</b>			
Machine base work area L x W	350 x 356 mm	350 x 356 mm	450 x 395 mm
T-slot size / spacing / count	14 mm / 120 mm / 2	14 mm / 120 mm / 2	14 mm / 150 mm / 2
Distance spindle - machine base	max. 610 mm	max. 1 285 mm	max. 1 270 mm
<b>Dimensions</b>			
Column diameter	Ø 92 mm	Ø 92 mm	Ø 115 mm
Length x width x height	610 x 380 x 1 430 mm	640 x 376 x 2 080 mm	725 x 450 x 2 200 mm
Overall weight	158 kg	175 kg	312 kg

### Scope of supply

› Morse taper MK

Accessories	Article no.
<b>Assortment of clamping tools</b> size 12, 58-parts	3352017
<b>Quick clamping drill chuck</b> 1 - 8 mm; B16	3050608
<b>Quick clamping drill chuck</b> 1 - 10 mm; B16	3050610
<b>Quick clamping drill chuck</b> 1 - 13 mm; B16	3050623
<b>Quick clamping drill chuck</b> 1 - 16 mm; B16	3050626
<b>Twist drill bits HSS-CO 5%</b> , 25 parts	3201010
<b>Twist drill bits HSS-CO 5%</b> , 51 parts	3201020
<b>Twist drill bits HSS-CO 5%</b> , 41 parts	3201021
<b>Thermdrill</b> MT 2	3060005

› More „Accessories for drills“ from page 64

Machine vices	Article no.
<b>BMS 120</b>	3000012
<b>BSI 100</b>	3000210
<b>BSI 140</b>	3000214
<b>BSI-Q 100</b>	3000230
<b>BSI-Q 140</b>	3000234

› Information on the vices on page 71

Accessories DH 26GT / DH 28GS	Article no.
<b>Direct quick release chuck</b> 1-16 mm	3050573
<b>Morse taper</b> MT 3/B16	3050660
<b>Reduction sleeve</b> MT 3 - MT 2	3050663
<b>Twist drill HSS / MT 3</b>	3051003
<b>Thread tapping chuck</b> M3 - M12	3050705
<b>Thread tapping chuck</b> M8 - M20	3050706
<b>Universal coolant unit</b>	3352002

Accessories DH 32GS	Article no.
<b>Direct quick release chuck</b> 1-16 mm	3050574
<b>Morse taper</b> MT 4/B16	3050661
<b>Reduction sleeve</b> MT 4 - MT 3	3050664
<b>Reduction sleeve</b> MT 4 - MT 2	3050665
<b>Foot switch</b>	3050032

Functions:

› Thread tapping

› Clockwise/anti-clockwise change over switch

