

OPTI[®]drill B 13basic / B 14basic / B 16basic



Inexpensive bench drills with V-belt drive

Facts that impress in terms of quality, performance and price

- ▶ Precision drilling table, pivots through $\pm 45^\circ$
- ▶ Solid, generously dimensioned baseplate with grooves, rear with pronounced ribbing
- ▶ Geschliffener Vielzahn-Mitnehmer
- ▶ Precise workmanship; stable drilling table with diagonal T-slots and all-around cooling water channel
- ▶ Guaranteed concentricity less than 0.02 mm measured in the drilling spindle sleeve
- ▶ Drill spindle with precision ball bearings
- ▶ User-friendly safety switch with IP 54 degree of protection
- ▶ Separate emergency stop butto

B 14basic/ B 16basic

- ▶ T-slot nut for fastening vice



Fig.: B 13basic



Fig.: B 14basic



Fig.: B 16basic



Technical specifications and accessories

Model	B 13basic	B 14basic	B 16basic
Article no.	3008013	3008014	3008016
Technical specifications			
Electrical connection	230 V / 1 Ph ~50 Hz	230 V / 1 Ph ~50 Hz	230 V / 1 Ph ~50 Hz
Motor output	300 W	350 W	450 W
Drilling performance			
Drilling performance in steel (S235JR)	Ø 13 mm	Ø 14 mm	Ø 15,5 mm
Continuous drilling performance steel (S235JR)	Ø 12 mm	Ø 12 mm	Ø 14 mm
Spindle			
Spindle sleeve stroke	50 mm	50 mm	65 mm
Throat	104 mm	104 mm	125 mm
Spindle seat	fixed/B16	fixed/B16	MT 2
Speeds			
Spindle speeds	520 - 2 620 rpm	520 - 2 620 rpm	660 - 2 500 rpm
Number of speeds	5 speed	5 speed	5 speed
Drilling table			
Drilling table workspace L x W	160 x 160 mm	160 x 160 mm	200 x 200 mm
T-slot size	14 mm, 2 diagonal	14 mm, 2 diagonal	14 mm, 2 diagonal
Drill table rotation/lateral tilt	360° / ± 45°	360° / ± 45°	360° / ± 45°
Clearance spindle - drilling table	240 mm	330 mm	390 mm
Machine base			
Machine base work area L x W	135 x 175 mm	140 x 180 mm	160 x 170 mm
Distance spindle - machine base	325 mm	440 mm	525 mm
Dimensions			
Column diameter	46 mm	46 mm	60 mm
Length x width x height	420 x 220 x 580 mm	420 x 230 x 700 mm	510 x 270 x 820 mm
Weight	18 kg	20 kg	34 kg

Accessories	Article no.
Hold-down device 14 mm/M12	3352031
Twist drill bits HSS-CO 5%, 25 parts	3201010
Twist drill bits HSS-CO 5%, 51 parts	3201020
Twist drill bits HSS-CO 5%, 41 parts	3201021
Quick clamping drill chuck 1 - 8 mm; B16	3050608
Quick clamping drill chuck 1 - 10 mm; B16	3050610
Quick clamping drill chuck 1 - 13 mm; B16	3050623
Quick clamping drill chuck 1 - 16 mm; B16	3050626
Universal coolant unit 230 V	3352002
Coolant mist lubricator MMC 1 with magn. holder	3356663
Coolant hose KMS 2	3356660
Assortment of clamping tools size 12, 58-parts	3352017
› More „Accessories for drills“ from page 64	

Accessories B16basic	Article no.
Direct quick release chuck 1 - 16 mm	3050571
Direct quick release chuck 1 - 13 mm	3050572
Morse taper MT 2/B16	3050659
Twist drill bit HSS / MT 2, 9 parts	3051002
Thread tapping chuck MT 2	3050702

Scope of supply

B 13basic

- › Key type drill chuck 1,5 - 13 mm

B 14basic

- › Quick-action drill chuck 1 - 13 mm
- › T-slot nuts

B 16basic

- › Quick-action drill chuck 1 - 16 mm
- › Morse taper MT 2/B16
- › T-slot nuts