

## Bench drill and column drill

TB 13 ▶ Plus

TBZ 13 ▶ Plus

SB 13 ▶ Plus



Warranty  
extension

- ▶ 3-year warranty for single-shift operation
- ▶ Warranty extension to 4 or 5 years available! See page 72-73

Fig.: TB 13 ▶ Plus with B16 and special equipment

## Standard equipment

- ▶ Thread cutting system
- ▶ Control panel with OLED display
- ▶ Robust, high-quality drill head hood with ergonomically tilted front
- ▶ LED lighting
- ▶ Quick-adjust ergonomic depth stop
- ▶ Stepless speed regulation via the central knob
- ▶ Emergency stop button
- ▶ Thermal overload protection
- ▶ Spindle stop
- ▶ Drill protection with electrical fuse
- ▶ Connecting cable with two-pin earthed plug

## Special equipment

- ▶ Drill depth fixed stop for optimum repetition accuracy  
**Order no. 212.716**

## Accessories

- ▶ Machine cabinet with door and drawer (only for TB 13 Plus)  
Height: 840 mm  
Weight: 28 kg  
**Order no. 250.208**
- ▶ Machine cabinet with door for TB/TBZ and intermediate plate  
Height: 800 mm, weight: 36 kg  
**Order no. 212.860 (TB)**  
**Order no. 201.160 (TBZ)**

### Drill package 1 (for B16)

- ▶ Vice [felix] 80 2.0
- ▶ Quick-change drill chuck B16 1-13 mm (accuracy 0.17 mm)  
**Order no. 296.590**

### Drill package 2 (for MK II)

- ▶ Vice [felix] 80 2.0
- ▶ Taper mandrel MK II/B16
- ▶ Reduction sleeve MK II/MK I
- ▶ Quick-change drill chuck B16 1-13 mm (accuracy 0.17 mm)  
**Order no. 296.591**



## Technical data

Drilling capacity/normal drilling performance (mm)	13/15 (in E335/ST60) 12Nm
Thread-cutting performance (depending on gradient) max.	M10
Spindle	B16, optional MK II
Drilling depth (mm)	60
Distance column-spindle (mm)	220
Column diameter (mm)	70
Useable table surface (W x L) (mm)	300 x 250
T-slot size (arm), distance (mm), width measurement (mm)	Quantity 2, 125, 14/26
Speed indicator	digital
Drilling depth indicator	digital
Drilling depth stop	Stop ring (positive-locking)
Feed	by hand
Table height adjustment	with toothed rack
Three-phase current motor 230 V with frequency converter (kW)	0.54
Spindle speed, stepless (1/min)	40-4,000

### TB 13 Plus\*

Distance spindle/working surface (mm)	85-370
Machine dimensions without VP (mm)	400 x 520 x 850
Machine dimensions with VP (mm)	452 x 700 x 1130
Weight (kg)	62
<b>Order no. B16</b>	<b>212.500</b>
<b>Order no. MKII</b>	<b>212.503</b>

### TBZ 13 Plus\*

Distance spindle/working surface (mm)	125-490
Centre offset	20 mm
Distance column-spindle (mm)	214
Column diameter (mm)	82
Machine dimensions (mm)	
with cabinet	370 x 495 x 1,800
with cabinet with VP	940 x 570 x 2,140
without cabinet	355 x 485 x 1,027
without cabinet with VP	940 x 570 x 1,600
Weight without cabinet (kg)	70
<b>Order no. B16</b>	<b>212.650</b>
<b>Order no. MKII</b>	<b>212.655</b>

### SB 13 Plus\*

Distance spindle/working surface (mm)	max. 750
Machine dimensions without VP (mm)	420 x 540 x 1,780w
Machine dimensions with VP (mm)	572 x 936 x 2,142
T-slot size, distance (mm), width measurement (mm)	Quantity 2, 125, 13/26
Weight (kg)	85
<b>Order no. B16</b>	<b>212.502</b>
<b>Order no. MKII</b>	<b>212.504</b>

**Additional accessories** from page 62

\* The drilling machine is fitted with a frequency converter and complies with the standards DIN EN 55011:2016 & A1:2017.