

Carpentry Drilling Machine ZB 100 ES



ref.no.: 923601

EAN: 4032689116907

- ▶ Extremely robust
- ▶ Clockwise/counter-clockwise
- ▶ boxed



Technical data

Drilling depth	100 mm
Nominal No. of strokes – no load	340 - 1450 1/min
Nominal power input	1200 W
Weight	9 kg
Universal motor	230 V / 50 Hz

Delivery specification

- 1 Special drill mount for ring-groove cutting tools; Ref. No. 039160
- 1 Mounting shaft for ring-groove cutting tools; Ref. No. 039192
- 1 Mains cable 10 m (32.8 ft)

Applications

- ▶ Straight ring groove cutting
- ▶ Conical ring groove cutting
- ▶ Drilling holes for GEKA toothed plate connectors
- ▶ Countersinking and counterboring
- ▶ Compatible materials include solid wood and laminated beams

Advantages

- ▶ Tool-less rapid locking – for simple, fast tool changes.
- ▶ Universal machine – for ring, ring-groove and GEKA dowels.
- ▶ Powerful motor and high quality standard means longer service life.

Description



































The ZB 100 ES for precise routing cuts of all conventional dowel types up to 160 mm (6 5/16 in.).

The speed can be infinitely adjusted from 340 to 1450 rpm according to tool diameter.

The special drill mount of the ZB 100 ES offers maximum possible safety.

Naturally we offer the optimum tool for your application: e.g. counter sink, GEKA cutting tool, etc.

Accessories / Tools

- | | | | |
|---|---|---|--|
|  | Guide pilot pin with depth control ring
11.5 mm (7/16 in.) Ø |  | Guide pilot pin
11.5 mm (7/16 in.) Ø |
|  | Guide pilot pin with depth control ring
17,5 mm (11/16 in.) Ø |  | Guide pilot pin with depth control ring
25 mm (1 in.) Ø |
|  | Adapter for MK 2
to adapt tools of the Carpentry Drilling Machine
K to model ZB |  | Drill mount
up to 350 mm (13 3/4 in.) drilling depth (without
focussing device) |
|  | Supplementary handle |  | Head counter sink
50 mm (1 15/16 in.) Ø, without guide and guard
ring or guide pilot pin |
|  | Guide and guard ring, assembled
for counter sink Ø 50 - 70 mm (1 15/16 - 2 3/4
in.) |  | Ring-groove cutting tool
Size I for 54 - 160 mm (2 1/8 - 6 5/16 in.) ring
diameters |
|  | Ring-groove cutting tool
for conical ring connectors |  | Ring-groove cutting tool |
|  | Removing cutter |  | Outside cutter |
|  | Inside Cutter |  | Removing cutter |
|  | Inside Cutter |  | Outside cutter |
|  | Inside Cutter |  | Outside cutter |
|  | Removing cutter |  | Knife support
individual (3 pcs. required) |
|  | Knife support
individual (3 pcs. required) |  | Rev. knives for head counter sick
for Ø 50 mm, 20.6 (13/16 in.) x 15.5 x 2 mm |
|  | Rev. knives for head counter sick
for Ø 60 mm, 25.4 (1 in.) x 15.5 x 2 mm |  | Rev. knives for head counter sick
for Ø 70 mm, 30.2 (1 3/16 in.) x 15.5 x 2 mm |
|  | Rev. knives for head counter sick
for Ø 80 mm, 35.2 (1 3/8 in.) x 15.5 x 2 mm |  | Rev. knives for head counter sick
for Ø 100 mm, 45.2 (1 3/4 in.) x 15.5 x 2 mm |
|  | Hexagon shaft
for drilling machines with chuck |  | Guide pilot pin
12.5 mm (1/2 in.) Ø |
|  | Guide pilot pin with depth control ring
12,5 mm (1/2 in.) Ø |  | Guide pilot pin with depth control ring
19.5 mm (3/4 in.) Ø |
|  | Head counter sink
60 mm (2 3/8 in.) Ø |  | Guide and guard ring, assembled
for counter sink Ø 80 - 100 mm (3 1/8 - 3 15/16
in.) |



Guide pilot pin with depth control ring
13,5 mm (9/16 in.) Ø



Guide pilot pin
13,5 mm (9/16 in.) Ø



Reversible TCT knives



Guide pilot pin with depth control ring
15,5 mm (5/8 in.) Ø



Head counter sink
80 mm (3 1/8 in.) Ø



Head counter sink
100 mm Ø (3 15/16 in.)



Guide pilot pin
17,5 mm (11/16 in.) Ø



Guide pilot pin
21,5 mm (7/8 in.) Ø



Drill mount
up to 475 mm (18 11/16 in.) drilling depth
(without focussing devise)

in.)



Guide pilot pin with depth control ring
21,5 mm (7/8 in.) Ø



Head counter sink
70 mm (2 3/4 in.) Ø



Guide pilot pin
14,5 mm (9/16 in.) Ø



Guide pilot pin with depth control ring
23,5 (15/16 in.) Ø



Guide pilot pin
15,5 mm (5/8 in.) Ø



Guide pilot pin
16,5 mm (5/8 in.) Ø



Guide pilot pin
19,5 mm (3/4 in.) Ø



Ejector
for MK 2

contact

MAFELL AG

Beffendorfer Straße 4
D-78727 Oberndorf / Neckar
Germany

Tel.: +49 7423 / 812-114
Fax: +49 7423 812-102
Email: export@mafell.de