

Carpentry Drilling Machine ZB 100 ES



ref.no.: 923601

EAN: 4032689116907

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



Technical data

Drilling depth	3 15/16 Inch
Nominal No. of strokes – no load	340 - 1450 1/min
Nominal power input	1.6 hp
Weight	19.8 lbs
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



Drill mount
up to 350 mm (13 3/4 in.) drilling depth (without focussing device)



Supplementary handle



Inside Cutter



Removing cutter



Reversible TCT knives



Inside Cutter



Removing cutter



Inside Cutter



Removing cutter



Guide pilot pin with depth control ring
11.5 mm (7/16 in.) Ø



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



Guide pilot pin with depth control ring
17.5 mm (11/16 in.) Ø



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



Guide pilot pin with depth control ring
25 mm (1 in.) Ø



Head counter sink
60 mm (2 3/8 in.) Ø



Head counter sink
80 mm (3 1/8 in.) Ø



Hexagon shaft
for drilling machines with chuck



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



Ring-groove cutting tool
Size I for 54 - 160 mm (2 1/8 - 6 5/16 in.) ring diameters



Outside cutter



Knife support
individual (3 pcs. required)



Ring-groove cutting tool
for conical ring connectors



Outside cutter



Ring-groove cutting tool



Outside cutter



Knife support
individual (3 pcs. required)



Guide pilot pin with depth control ring
12.5 mm (1/2 in.) Ø



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



Guide pilot pin with depth control ring
19.5 mm (3/4 in.) Ø



Guide pilot pin with depth control ring
23.5 (15/16 in.) Ø



Head counter sink
50 mm (1 15/16 in.) Ø, without guide and guard ring or guide pilot pin



Head counter sink
70 mm (2 3/4 in.) Ø



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



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 80 mm, 35.2 (1 3/8 in.) x 15.5 x 2 mm



Guide and guard ring, assembled
for counter sink Ø 50 - 70 mm (1 15/16 - 2 3/4 in.)



Guide pilot pin
11.5 mm (7/16 in.) Ø



Guide pilot pin
13.5 mm (9/16 in.) Ø



Guide pilot pin
15.5 mm (5/8 in.) Ø



Guide pilot pin
17.5 mm (11/16 in.) Ø



Guide pilot pin
21.5 mm (7/8 in.) Ø



Ejector
for MK 2



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 100 mm, 45.2 (1 3/4 in.) x 15.5 x 2 mm



Guide and guard ring, assembled
for counter sink Ø 80 - 100 mm (3 1/8 - 3 15/16 in.)



Guide pilot pin
12.5 mm (1/2 in.) Ø



Guide pilot pin
14.5 mm (9/16 in.) Ø



Guide pilot pin
16.5 mm (5/8 in.) Ø



Guide pilot pin
19.5 mm (3/4 in.) Ø



Adapter for MK 2
to adapt tools of the Carpentry Drilling Machine
K to model ZB

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