

PRICE LIST PROTUS BOGUS

Part-No. bo1000
"bogus" Arched milling head

on request!

- Recommended in fast, clean and safe and environmentally friendly arc milling technique. The milling process occurs based on the mathematical principle (Thales set) to set up on a standard spindle moulder: Table Size min. 750 x 1000 mm.

Republic award 2001. Certified by the H- BG test group (BG-Prüfzert). Saving of the following operations:

- **Programming** **preparing with routers** **making of templates**

1 set of loading plates (1 x left, 1 x right) 1740 x 1436 x 10 mm, high grade manufactured aluminium with protective aluminium oxide coating.

1 piece base plate to set up a Protective cover.

1 set of milling heads (1 x left, 1 x right) with precise guidance for small and medium sized circles or segment arches.

Inner diameter for semi-circles **from Ø 380 mm up to Ø 1340 mm.**

Outer diameter for semi-circles **from Ø 380 mm up to Ø 1340 mm.**

Spanning width for segment arcs inner or outer **from 380 up to 1310 mm.**

For segmental arcs the **radius is unlimited.**

2 sets of work-piece feeds (1 left, 1 right) for outer arcs, (1 left, 1 right) for inner arcs, continuously variable milling depth adjustment, incl. milled scales for timber thickness up to 120 mm, incl. **handgrip for comfort**, rotation 90°.

2 pieces of distance maintainers for timber thickness up to 120 mm, incl. **handgrip for comfort**, fixed.

1 set of adjustment disks (2 pieces) with a choice of 30, 40 or 50 spindle diameter, fitted to the tool diameter.

1 piece adjusting gauge for exact positioning of work-piece feeds.

Part No. bo1050
Protective Cover

on request!

- Recommended by a compact cover on milling of small radii from Ø 380 mm.

1 piece arched- milling protection equipment, adjustable, steel for a tool diameter up to 210 mm (in practise) , with 120 mm **suction connector**. **Base plate**, included in **Part. No. bo1000**, is suitably threaded.

Part No. bk0180
Arc Marker

on request!

- Recommended in fast and exact marking of contour lines.

1 piece arc measurement marker. Marking equipment to mark parallel lines on arcs for **exact work- piece breadths up to 180 mm** to lean against circular edges for inner and outer arcs with **pencil and marker holder.**

Part No. gt0250

on request!

Equipment for cutting out glazing beads

- **Recommended for the easy cutting out of beads on profiles with radii.**

1 piece of equipment for cutting out glazing beads for easily profiling and cutting-out of beads from circular profiles (radii) to screw on a routing machine, for beads in **top and middle position** with **4 guiding points.**

Inner diameter from **Ø 200 mm**, outer diameter from **Ø 250 mm.**

Part No. bo1740

on request!

Milling head extension

- **Recommended in bigger arcs for post-fixing on *PartNo. bo1000* “bogus” arched milling head.**

Milling head extension for diameter up to 1740 mm, segmental arcs up to 1710 mm.
For segmental arcs the **radius is unlimited.**

1 set of milling head extension (1 left, 1 right).

1 pieces of distance maintainer for timber thickness up to 120 mm, incl. **Handgrip for comfort**, fix.

2 pieces of support feeds H = 900 mm, with **undercarriage.**

Part No. bo2510

on request!

Milling head extension

- **Recommended in large arcs for post- fixing on *Part-No. bo1000* “bogus” arched milling head.**

Milling head extension for diameter up to 2510 mm, segmental arches up to 2480 mm.
For segmental arches the **radius is unlimited.**

1 set of milling head extension (1 left, 1 right).

2 pieces of distance maintainer for timber thickness up to 120 mm, incl. **Handgrip for comfort**, fix.

2 pieces of braces L = 1440 mm.

2 pieces of support feeds H = 900 mm, with **undercarriage.**

Part No. bo1070
Equipment for series production

on request!

- Recommended to be used in series production for work-pieces with a similar size, min. 10 pieces of the same size.
- Saving the variable setting on work-piece feeds

Equipment for a post-fixing on **work-piece feeds** and **distance maintainers** to a **stable connection** in only one unit and to **counter the ends** of the arcs precisely.

4 pieces of **couplings** outside for work-piece feeds with **three-part counter-cutters**.

4 pieces of **couplings** inside for distance maintainer.

4 pieces of **distance plates**.

28 pieces of **connection elements** from L = 70 up to L = 720 mm.

4 pieces of **connecting angles** with height slider.

Part No. bo1011 (outer left)

Part No. bo1012 (outer right)

Part No. bo1013 (inner left)

Part No. bo1014 (inner right)

on request!

Work-piece feed separate part left or right, for inner or outer arcs

- Recommended in different timber thicknesses to save time on setting the heights.
- Recommended in setting up the milling heads from series S22.

2 sets of work-piece feeds included in **Part No. bo1000**.

1 piece **work-piece feed** left or right, for inner- or outer arcs, for **timber thickness** up to 120 mm, continuously variable milling depth adjustment, incl. milled scales incl. **Handgrip for comfort**, rotation 90°.

Part No. bo1020

on request!

Distance maintainer separate part

- Recommended for different timber thicknesses to save time on setting the heights.
- Recommended for setting up the milling heads from series S22.

2 sets of distance maintainer included in **Part No. bo1000**.

1 piece distance maintainer for timber thickness up to 120 mm, incl. **Handgrip for comfort**, fixed.

Part No. bo1031 (outer left)
 Part No. bo1032 (outer right)
 Part No. bo1033 (inner left)
 Part No. bo1034 (outer right)

on request!

Clamping arm separate part of work-piece feeds

- Recommended in setting up the milling heads from series S22.

1 piece clamping arm separate part of **work-piece feeds**, precision milled, oxide coated, left or right, for inner- or outer arcs, incl. **handgrip for comfort**, rotation 90°.

Part No. bo1040

on request!

Clamping arm separate part of distance maintainer

- Recommended in setting up the milling heads from series S22.

1 piece clamping arm separate part of **distance maintainer**, precision milled, oxide coated, incl. **handgrip for comfort**, fixed.

Part No. = Measurement of adjustment disks
Adjustment disks

on request!

- Recommended for additional tools with differing zero Ø .

Order: Part. No. 30125 3 0 Ø spindle 1 2 5 zero Ø

Delivery: 1 piece 30125 and 1 piece 30082 (reference disk)

Base price: € 112.50 x factor: 1.115/ 1.12/ 1.20/ 1.25/ 1.30/ 1.40

Example: € 112.50 x 1.25 = € 140.63

Price: € 140.63

Part. No.:

30100		
<u>30111.5</u>	<u>40111.5</u>	
30112	40112	
<u>30120</u>	<u>40120</u>	<u>50120</u>
30125	40125	50125
30130	40130	50130
30140	40140	50140

Other sizes on request. On using window tools we recommend a spindle height of 160 mm plus thread, and a spindle from Ø 40 mm.

(technical details accordint to manufacturer – without gurantee! Machine subject to prior sale)

Gebrüder Engelfried oHG
 Holzbearbeitungsmaschinen
 und Werkzeuge
 EDV Systemberatung
 Produktionsprogramme
 Amtsgericht Ulm HRA 500748
 Es gelten unsere Verkaufs-
 und Lieferbedingungen,
 insbesondere unser
 Eigentumsvorbehalt.

Büro:
 Elisabethenstraße 41
 Postfach 91 07
 73416 Aalen-Unterkochen
 Telefon +49 (73 61) 98 66-0
 Telefax +49 (73 61) 84 31
 Internet: www.engelfried.com
 Email: info@engelfried.com

Ausstellungshalle
 und Lager:
 Gewerbegebiet
 Kapellenweg 25
 73447 Oberkochen
 Telefon +49 (73 64) 91 93 23



Bankverbindungen:
 Südwestbank AG, Stuttgart
 (BLZ 600 907 00) · Konto Nr. 628 907 001
 VR Bank Aalen eG, Aalen
 (BLZ 614 901 50) · Konto Nr. 59 245 000
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