



*Miniature precision machines, genuine single handed use.  
Lightweight tools with die-cast aluminium heads:  
quiet, precise and efficient.*



## Professional drill/grinder IB/E

- Usable for prolonged periods when drilling, milling, grinding, polishing, cleaning, cutting and even engraving.
- Ideal for mechanics, model builders, jewellers, opticians, artists and electronic enthusiasts.



With 34 bits & cutters of industrial quality, all shafts 2.35mm. Complete with six triple slit steel collets covering 1.0 to 3.2 mm (see also page 20).

### High concentric accuracy (maximum runout 3/100mm).

This high-revving, special motor has full-wave electronic speed control for speeds between 5,000 and 20,000rpm and is usable for extended periods at a time. The ground steel spindle runs in a ball bearing, minimising play.

#### Technical data:

Speed 5,000 to 20,000rpm. Power consumption (max) 100W, 220 – 240V. Stable head of die-cast alu and POLYAMIDE main housing. Length 230mm, and weight approx 500g. Insulated to class 2. The 20mm collar allows fitting of optional drill stands, horizontal stands, etc. Supplied with 34 bits and cutters in a stable plastic case.

No 28 481



Six high concentricity collets, (1.0 – 1.5 – 2.0 – 2.4 – 3.0 and 3.2 mm and closure nut).

**NOTE:** MICROMOT steel collets ① They are hardened and thus have a high, consistent flexibility. They also maintain prolonged accuracy, even after regular use (these collets should not be compared with unhardened, four-slit collets of brass and aluminium).

The triple slit collet is ② substantially more difficult to manufacture than the four-slit type, but offers a better load-bearing ③ surface. This is especially important for cutters with small shank diameters.



The IB/E professional drill/grinder, Long neck angle milling/drilling unit WB 220/E and Long neck straight drill/grinder LB/E are supplied in stable plastic cases.