



*With even more power: The 2nd generation of our tools with gear head made of die-cast aluminium.*

## Professional drill/grinder IBS/E

For drilling, milling, grinding, polishing, cleaning, cutting, carving, engraving and signing. For precision mechanics, model builders, jewellers, opticians, artists and electronic enthusiasts.



- ❶ Ball bearing spindle of ground steel with lock button for rapid cutter changing.
- ❷ Streamlined head of die-cast aluminium for exact bearing seats and optimal stability.
- ❸ Quiet, powerful 100W motor with full wave electronics for speeds between 5,000 and 20,000rpm.
- ❹ Quality without compromise: isolation according to class 2 requirements.
- ❺ With 34 bits and cutters of industrial quality, all shafts Ø 2.35mm. Complete with six triple slit steel collets covering 1.0 to 3.2mm.

**High concentric accuracy (maximum runout 3/100mm).  
No runout in your bits and cutters.**

This high-revving, special balanced, low noise direct current (DC) special motor has fullwave electronic speed control.



The ground steel spindle runs in a ball bearing. Six high concentricity MICROMOT collets, (1.0 - 1.5 - 2.0 - 2.4 - 3.0 and 3.2mm and closure nut) are included.

### Technical data:

Speed 5,000 to 22,000rpm. Power consumption (max) 100W, 230V. Stable head of die-cast aluminium and main housing of glassfibre reinforced POLYAMIDE. Length 230mm. Weight approx. 500g. Insulated to class 2. The 20mm MICROMOT collar allows fitting of optional drill stands, horizontal stands, etc. Supplied with 34 bits and cutters in a stable plastic case.

**NO 28 481**

**MICROMOT steel collets**

As described below. Fit all handheld MICROMOT machines, excluding the engraver GG 12. One each 1.0 - 1.5 - 2.0 - 2.4 - 3.0 and 3.2mm, clamping nut and holder for storage are included.

**NO 28 940**



**Note:**

MICROMOT steel collets are hardened and thus have a high, consistent flexibility. ❶ They also maintain prolonged accuracy, even after regular use (these collets should not be compared with unhardened, fourslit collets of brass and aluminium). The triple slit collet is substantially more difficult to manufacture than the four-slit type, ❷ but offers a better load-bearing surface. ❸ This is especially important for cutters with small shaft diameters.



 Video IBS/E



Storage case of high-grade polypropylene. Attractive design, very sturdy and large enough to put the machine back in the case after completing work, without having to "fumble". A label on the side identifies the contents.