



Small and beautiful - the accurate mill for lab, optician, jewelry, electronic and model building projects.



Note:

Optionally this machine may also be used with our three-jaw steel drill chuck.

MICRO Mill MF 70

The unit is supplied with a stable base of cast iron. Both vertical column and compound table are of treated, high quality aluminum. All axes are play-free and have adjustable slides. The headstock, made of die-cast aluminum, houses the 24 pole balanced special motor and provides stability even at high operating speeds. This stability facilitates the use of the finest cutters. Six triple slit, hardened MICROMOT steel collets come with the machine and cover shank sizes of 1/32", 1/16", 5/64", 3/32", 7/64" and 1/8" (1.0, 1.5, 2.0, 2.35, 3.0, 3.2mm). The table is fitted with three T-slots of the 15/32" x 15/64" x 13/64" (12 x 6 x 5mm) MICROMOT-norm. An adjustable ruler scale eases the positioning of the work piece. All hand wheels are zero adjustable with 1 revolution = 1/32" (1.0mm), 1 division = .002" (0.05mm).

Technical data:

Speed	5,000 - 20,000rpm
Table Size	7 7/8" x 2 3/4" (200 x 70mm)
X-Y Travel	5 17/64" and 1 13/16" (134 and 46mm)

Vertical Travel	2 3/4" (70mm)
Footprint Size	5 7/64" x 8 55/64" (130 x 225mm)
Height	13 25/64" (340mm)
Max. Power	1/8hp (100W)
Volts	110 - 120V AC, 60Hz
Weight	15.5 lb (7kg)

NO 37 110**⚠ WARNING:**

This product can expose you to chemicals including lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- ❶ Hand wheels with zero adjustable scales: 1 revolution = 3/64" (1.0mm), 1 division = .002" (0.05mm).
- ❷ Continuously variable speeds from 5,000 - 20,000rpm, perfect for even the smallest milling cutter.
- ❸ Cutter clamping in MICROMOT system collets.
- ❹ MICRO Compound Table KT 70 of stable aluminum. Both axes are fitted with adjustable dovetail slides.
- ❺ MICROMOT Steel Collet Set, triple slit and hardened, from 1.0 to 3.2 mm.
- ❻ Stable cast iron base.
- ❼ Supplied complete with stepped clamp blocks of steel.

 Video MF 70

Milling Cutters

These double flute cutters are made from solid tungsten and are to be used for clockwise cutting. The fishtail profile ensures cutting to the center, allowing boring. Usable on cast iron, hardened cast iron, steel, cast steel, brass, aluminum, and even glass, plastics and carbon fiber. The set includes one each of 1/32", 5/64" and 7/64" (1.0, 2.0 and 3.0mm) shank diameter: 7/64" (3.0mm).

NO 27 116 3 pieces

Milling cutters, single

- A** Ø 1mm **NO 28 758**
- B** Ø 2mm **NO 28 759**
- C** Ø 3mm **NO 28 761**



Dividing Attachment for MICRO Mill MF 70 and MICRO Compound Table KT 70

This dividing attachment has been especially designed for use with the MICRO Compound Table KT 70 which is identical to the X-Y table of the MICRO Mill MF 70. All provided fixing holes match the slot distance of the above items, so that it can be mounted in no time with the included clamping parts either standing or lying on the table. When using it standing upright, also long work pieces can be worked on, as they can be pushed through a hole provided in the base plate. In wooden box with sliding lid.

NO 24 264



Machine Vice MS 4

Die-cast zinc. With three machined sides. The slot fits the adjustable fence of the drill stand MB 140/S, the drill stand MB 200 and the bench drill press TBM 115. Horizontal and vertical V-slots in jaw. Jaw width 2" (50mm) and height 2/5" (10mm). Maximum clamping width 1 11/32" (34mm).

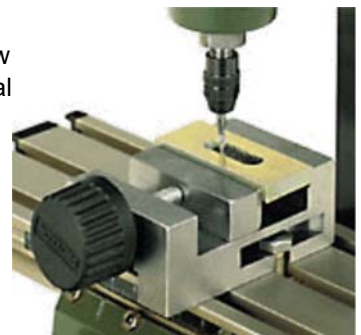
NO 28 132



Precision Steel Vice PM 40

Especially suited for intricate and accurate working! Milled of steel. Completely angular. Jaw width 1 13/16" (46mm), clamping capacity 1 3/16" (30mm). Total length 2 3/4" (70mm). Ideal for working with MICRO Mill MF 70 or Compound Table KT 70. Slot stones and fixing screws included. Comes in a wooden box.

NO 24 260



Step clamps steel made

Included in the compound table but can be ordered separately (2 step blocks and clamps, T-slot nuts of MICROMOT standard, bolts). This set also fits the Mill/Lathe System PD 230/E and FF 230, secures objects to approx. 0.7".

NO 24 256

