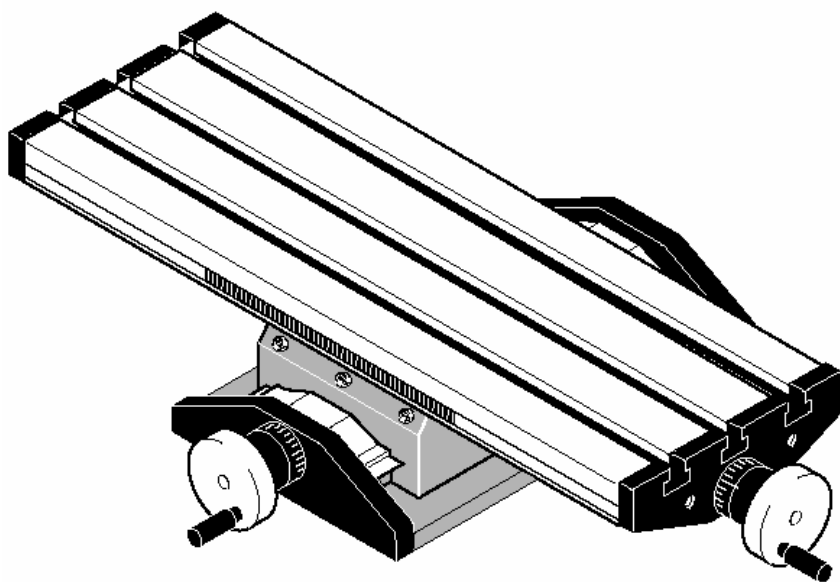


# **PROXXON**



**Manual**  
**Micro Compound Table KT 70**  
**No. 27 100**

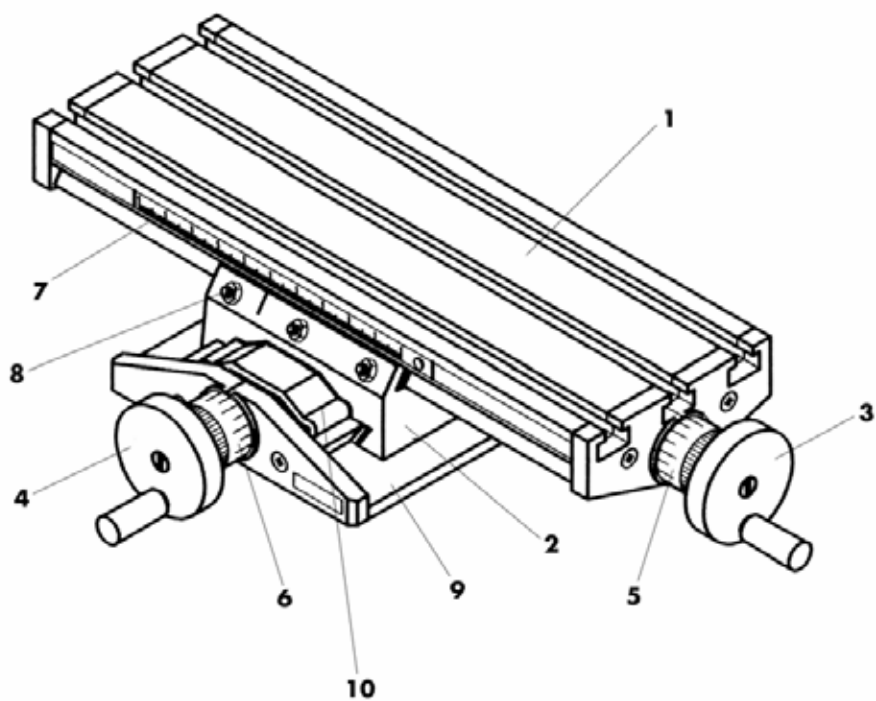
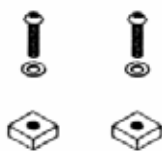


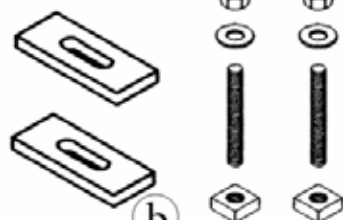
Fig. 1

M4 x 15



(a)

M6 x 40



(b)

M 4 x 15



(c)

Fig. 2

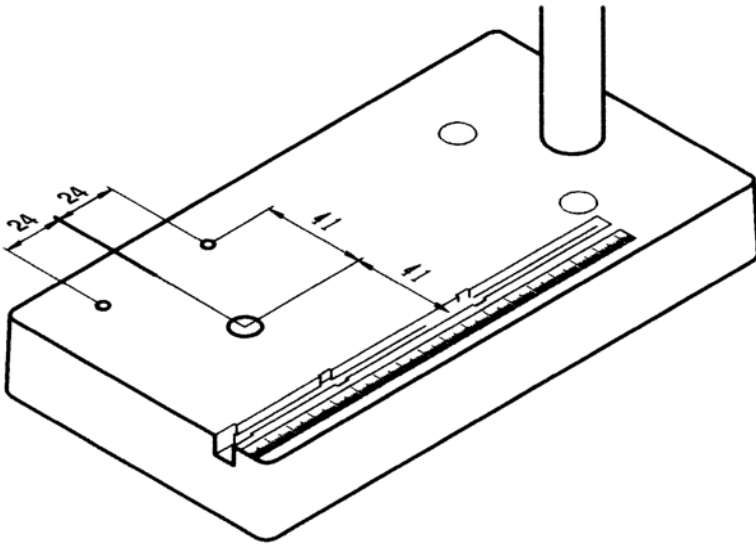


Fig. 3

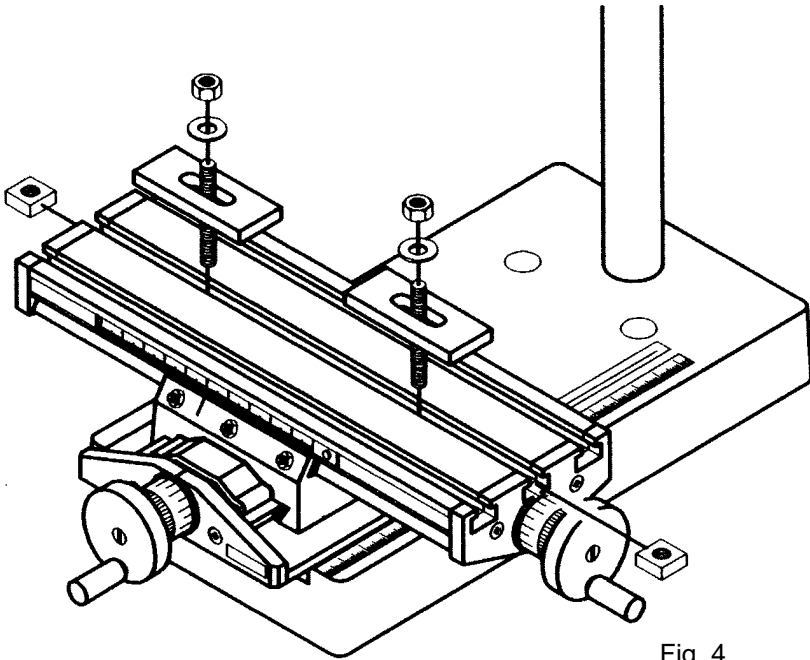


Fig. 4

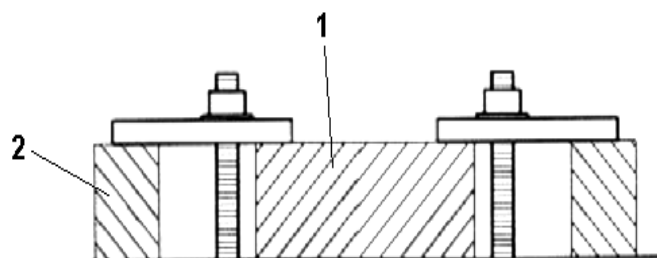


Fig. 4b

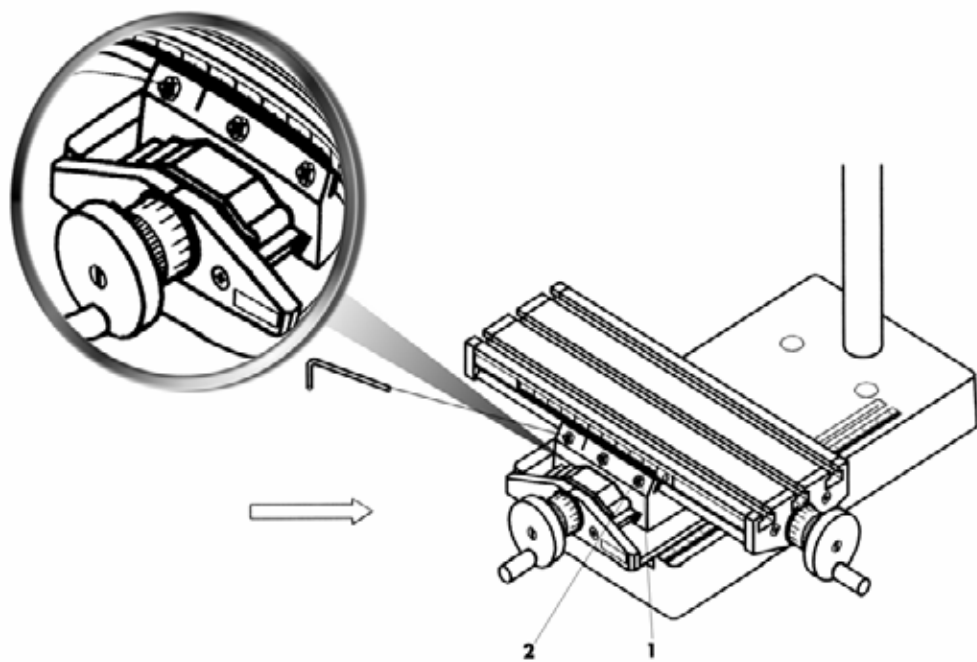


Fig. 5

## Micro Compound Table KT 70

Dear Customer,

The PROXXON Micro Compound Table KT 70 gives you the possibility of drilling to precise coordinates or performing small milling operations in conjunction with a bench drill press or a stationary milling machine. When working with the X-Y-table, please always observe the safety regulations for the drill press or mill, which is in use and please remember that the compound table is a precision tool and is also very sensitive. Therefore, please always work with due care.

### General view (Fig. 1):

1. Work table
2. Support
3. Hand wheel for X direction
4. Hand wheel for Y direction
5. Dial for X direction
6. Dial for Y direction
7. Adjustable scale
8. Adjusting screws
9. Base plate
10. Cutting guard

### Accessories supplied:

- for fixing the machine vise MS 4 (which is available as accessory no. 28 132, Fig. 2a);
- clamping claws (Fig. 2b);
- for fastening the compound table to a work surface (Fig. 2c);

### Technical data:

- Work table: 7 7/8" x 2 3/4" (200 mm x 70 mm)
- Adjustment travel in X direction: 5 9/32" (134 mm)
- Adjustment travel in Y direction: 1 13/16" (46 mm)
- Weight: 1.65 lb (750 g)
- 3 T-slots in size 15/32" x 15/64" x 13/64" (12 x 6 x 5 mm)
- distance between grooves (center-to-center): 63/64" (25 mm)

### Mounting the Micro Compound Table KT 70

The KT 70 was designed for use with PROXXON MB 140/S drill stand or the PROXXON bench drill press TBM 115. (Note: The TBM 115 bench drill press is suitable for coordinate drilling, but not for milling.) In order to fasten the coordinate table to the work surface, first cut two M4 threaded holes in the work surface according to Fig. 3. For this purpose, pre-drill the thread holes using a  $\varnothing$  3.3 mm drill and countersink the holes. Then cut the thread using a tap. The Micro Compound Table KT 70 can now be fastened to the work surface using the M4 threaded holes and the mounting stones (Fig. 2c).

### Mounting the clamping claws (4a):

Especially in the case of milling operations, it is recommended that the work piece 1 (Fig. 4) is secured using the supplied clamping claws. For this purpose, place 2 blocks of an adequately stable material under the claws (2) as support. Please ensure that the blocks are at approximately the same height as the work piece to be secured.

### Setting the scale:

The dials on the hand wheels are adjustable and can thus be set to zero without traversing the table. In addition to the dials, the Micro Compound Table KT 70 is equipped with an adjustable scale for adjustment in the X direction (7, Fig.1).

### Adjusting the guide play:

If, after a certain time, the compound table guide is found to have too much or too little play, the play can be reset using the adjusting screws (Fig. 5). In order to adjust the play in the X-direction, first loosen the nut 1 (Fig. 5). Then adjust the play using the set screws 2. Lock by re-tightening the nut 1. (Note: Do not over-tighten the set screws as the sensitive guide will be damaged.) Adjustment of play in the Y-direction is performed the same way.