


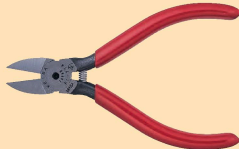


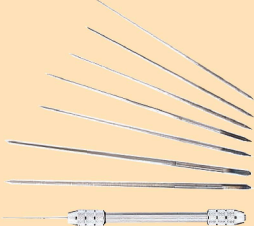









Repair Tools

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● The tools in the table below are available either in a set or individually.

<p>1 Case</p>  <p>Width × Depth × Height 225mm × 180mm × 170mm</p>	<p>2 Pointer drawer</p>  <p>This is used to draw out a pointer. Insert the tip of this tool under the pointer, and push the spindle center with thread. The pointer can be drawn out easily. In this case, the center of pointer drawer should match with the spindle center.</p> <p>example</p> 	<p>3 Hand drawer</p>  <p>This is used to draw out a hand of gauge. Extend a piece of thin paper between the hand and the dial face. Insert the tip of the tool under the hand, and draw it out in accordance with the principles of the lever.</p>	<p>4 Plus and minus driver set (six in a set)</p>  <p>⊖ No.2 (1.4mmW) ⊖ No.5 (2.9mmW) ⊖ No.3 (2mmW) ⊕ No.0 (4mmW) ⊖ No.4 (2.4mmW) ⊕ No.1 (5mmW) Select a driver which is suitable for the width of thread head and that of the slot. In particular, please avoid fastening or loosening a large thread using a small driver.</p>
<p>5 Driver with handle</p>  <p>This is used to fasten a thread which may be, at first, fastened with small driver, but finally requires to be fastened sufficiently. (For example, fastening of attaching screw of bottom board.)</p>	<p>6 Reamer and reamer holder</p>  <p>This is used to enlarge holes for pointer, hand, or spindle center. Stand the reamer in a right angle with the plane, and bore the hole lightly, relaxing your finger as possible as you can.</p>	<p>7 Clock oil</p>  <p>This is an oil to be lubricated in the course of assembly.</p>	<p>8 Tweezers</p>  <p>This is used to handle small parts such as hair spring, pointer or small thread.</p>
<p>9 Pliers</p>  <p>This is used to fasten or loosen a pin or knock.</p>	<p>10 Washing brush</p>  <p>This is used to remove sticks such as old oil cake and dusts with washing.</p>	<p>11 Blower</p>  <p>This is used, in the course of assembly, to remove dusts stuck to the dial face and so on. When the brush at the tip is removed, this can be used as a pump to blow off dusts. Do not breathe upon the apparatus to blow off dusts.</p>	<p>12 Lubrication brush</p>  <p>This is used, in the course of assembly, to lubricate into the spindle center. Use care to lubricate only a small amount of oil.</p>
<p>13 Crystal press fitter</p>  <p>This is to replace crystals. Set a crystal on the pad. Then press the fitter from the above to reduce the outer diameter, and fit the crystal into the outer frame.</p> <ul style="list-style-type: none"> ● Cover plate installer is for pressing the cover plate into either the outer frame of a plunger-type dial indicator or a lever-type dial indicator. ● Includes 8 types of changeable frames. ● Changeable frame examples: <ul style="list-style-type: none"> ③ and ④: for lever-type dial indicators PC and PCN ④ and ⑤: for small dial indicators ⑥ and ⑦: for standard type 0.001mm and 0.01mm dial indicators ⑦ and ⑧: for long stroke dial indicators ● Changeable frame sizes (mm): <ul style="list-style-type: none"> ① φ 20 ② φ 21.5 ③ φ 24.5 ④ φ 30 ⑤ φ 33 ⑥ φ 36 ⑦ φ 40.5 ⑧ φ 43 			