

# BADECO S.A.

## Handpieces 417 + 437 for American connection (duplex spring)

### Introducing and releasing the Tools.

Steel shank of Ø 3/32" (2,34 mm) only permit precise clamping. A shank in bad condition can deteriorate the whole clamping system.

**Stop motor.** Make a ¼ turn to the right up to perception of a stop. Change the tool. To lock up again reverse procedure.

**Important :** It is recommended to wear spectacles. Never keep running when not in use.

### Maintenance.

You possess a precision tool which will have a long life span if you take good care of it. This handpiece is mounted on three ball bearings. Lubrication is not necessary. Replacement of the bearings should be done by BADECO works in Geneva only.

**Low speed will considerably lengthen the service life of the punch.** To protect from dust, metallic chips, abrasives greases and liquids.

### Burr holder cleaning.

#### **Important : Clean often.**

Necessary tools delivered into the original box.

Hold the duplex spring to block the driver and axle. Unscrew the nut 400.011a with the delivered spanner (count clockwise). With the hook pull out : cone 400.017a, chuck 400.015 and ball 400.022.

#### **Careful :** Do not lose the ball !

These dismantled parts to be cleaned with Petroleum and then well dried. Clean inside the handpiece with a petrol light moistened little brush Ø 5 – 6 mm. All the parts have to be oiled before assembling.

Reassembling : reverse the procedure. Adjusting the Clamping Action like below.

### Adjusting the Clamping Action.

Turn the bush to the right = to clamp the burr holder. Hold the duplex spring to block the driver and axle. Pull your shank Ø 3/32" in the burr holder. Screw the nut until the shank is slightly tight. Turn the bush completely to the left = open. With the spanner finish to screw the nut about 2 to 3 notches to the right (this is easily audible). Turn the bush on the holder to make sure that these are tightened properly.

By exact fastening there is no way to go one notch further. Clean the bush regularly. Never dismantle this handpiece. You can send the piece to BADECO in Geneva in case you are not fully satisfied with the obtained issue.

### Repairs.

#### **Never dismantle.**

Repairs to be made at BADECO in Geneva works only to guarantee perfect performance and power. Repairs are effected very rapidly. Repairs not effected in our works are not covered by the warranty.

### Warranty.

Repairs caused by faulty material or workmanship will be made at no charge by the manufacturer within two years of invoice date. During the warranty period, all pieces dismantled by the user will be repaired at user's expense. Repairs effected due to wrong utilization and non-observance of our instructions will not be done under warranty.

We do not assume any responsibility.

Legal domicile is Geneva. Swiss law.

Modifications reserved.

