In-situ Bending Instrument Set.
For the adjustment of precontoured reconstruction plates during surgery.
In-situ Bending Instrument Set. For the adjustment of precontoured reconstruction plates during surgery.

**Intended Use**
In-situ bending instruments adjust the precontoured, reconstruction plates on the bone to match relevant patient anatomy during a surgical procedure. Use of these instruments helps to decrease surgical time by reducing the need of repeated cycles of plate positioning and removal until plate shape is sufficiently contoured.

The in-situ bending instruments are indented for use in the following plate systems:
- 3.5 mm Low Profile Reconstruction Plates (straight, curved and J-shape)
- 3.5 mm Wide Angle Reconstruction Plates
- 3.5 mm DCP Reconstruction Plates, straight and curved

These instruments are not intended for plates with locking and coaxial Combi holes. In particular:
- 3.5 mm Locking Reconstruction Plates
- 3.5 mm Pubic Symphysis Plates
- 3.5 mm Spring Plates
- 3.5 mm Locking Reconstruction Plates with coaxial Combi holes
- Plates in sizes other than 3.5 mm
1

In-situ bending or correction of the bending radius

**Instrument**

03.100.090 In-situ Bending Pliers

Grasp the preliminarily fixated plate with the in-situ bending pliers. The nose and counter-bearing mouth of the pliers must sit in the notches of the reconstruction plate. Squeeze the handles and bend the plates as required.

**Note:** Do not bend the plate multiple times in opposing directions.

2

Bending and twisting the plate

**Instrument**

03.100.091 In-situ Bending and Twisting Handle, straight

**Alternative instruments**

03.100.092 In-situ Bending and Twisting Handle, 90°

03.100.093 In-situ Bending and Twisting Handle, 120°

Using two straight in-situ bending and twisting handles place the tip of each handle in the desired plate hole and use the handle to contour the plate. One handle is used for holding the plate in place while the second handle is used to bend or twist the plate to the appropriate contour.

**Note:** The 90° in-situ bending and twisting handle, and the 120° in-situ bending and twisting handle, can also be used to assist in achieving the required plate contour.
In-situ Bending Instrument Set (01.100.093)

Tray
60.100.090  Tray for In-Situ Bending Instruments

Instruments
03.100.090  In-situ Bending Pliers

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Note: For additional information, please refer to package insert.
For detailed cleaning and sterilization instructions, please refer to
http://www.synthes.com/sites/NA/MedicalCommunity/Pages/Cleaning_and_Sterilization.aspx
or to the below listed inserts, which will be included in the shipping container:
– Processing Synthes Reusable Medical Devices—Instruments, Instrument Trays and
  Graphic Cases—DJ1305
– Processing Non-sterile Synthes Implants—DJ1304