

# BERNA

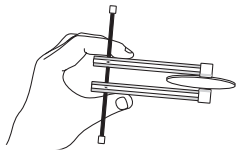
## ASSEMBLERS®

Remarkably simple in design, Berna Assemblers components are made of technologically advanced materials used in the aircraft industry and were developed in France by Dr. Berna. The beams are made of high density carbon fibers, the jaws are made of polycarbonate, and the silicon buffers and stops are incredibly supple – giving Berna Clamps a tactile flexibility and pressure sensitivity comparable

### Using Berna Assemblers

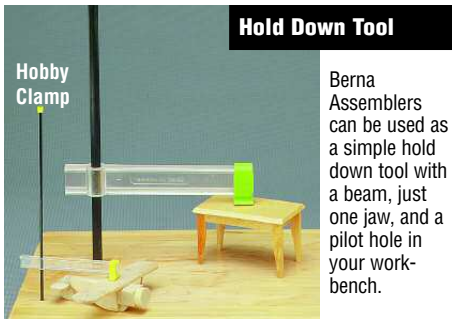
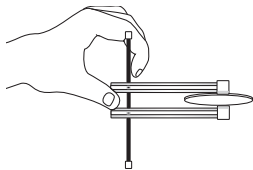
#### Applying:

- Hobby size clamps are simple to apply using either one or two hands, the master sizes require two hands.
- The force exerted by the fingertips is about the same as between the buffers.
- The jaws can clamp almost any form or unusual shape since their buffers are flexible enough to fit most contours.



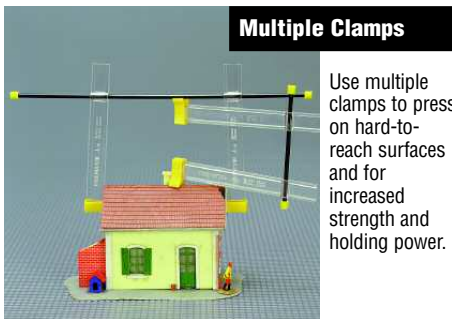
#### Quick Release:

- The clamps are easy to remove by sliding the back ends of the jaws firmly



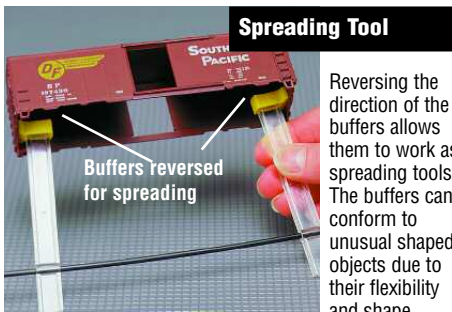
### Hold Down Tool

Berna Assemblers can be used as a simple hold down tool with a beam, just one jaw, and a pilot hole in your work-bench.



### Multiple Clamps

Use multiple clamps to press on hard-to-reach surfaces and for increased strength and holding power.



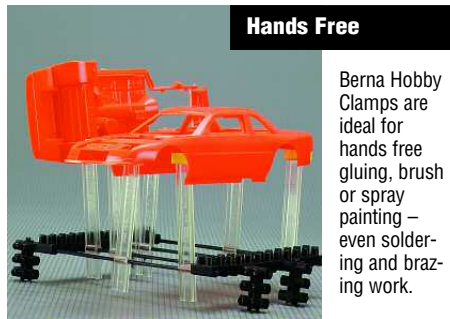
### Spreading Tool

Reversing the direction of the buffers allows them to work as spreading tools. The buffers can conform to unusual shaped objects due to their flexibility and shape.



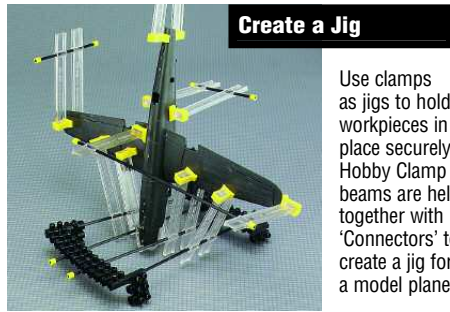
### Add a Jaw

For a delicate repair job, the broken piece is held in position and clamped to the rest of the cup with a third jaw.



### Hands Free

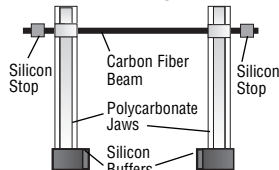
Berna Hobby Clamps are ideal for hands free gluing, brush or spray painting – even soldering and brazing work.



### Create a Jig

Use clamps as jigs to hold workpieces in place securely. Hobby Clamp beams are held together with 'Connectors' to create a jig for a model plane.

### Berna Assembler Clamps



### Hobby Connector and Connector Strip



Increase jaw capacity by using connectors to join two beams.

### Hobby Clamps

Hobby Clamps weigh less than 1/2 ounce. Beams are 1/8" thick. They are ideal for small or fragile clamping projects where up to 11 lbs. of force is adequate.

#### Applications:

model building, crafts, doll house furniture assembly, miniatures, small picture frame assembly, repair of porcelain and china

### Helpful Hints

- Use caution when working with Hobby Clamps on delicate or fragile items. It's a good idea to first clamp down on a finger to test the clamping force.
- You can slide buffers up and down the jaws to adjust clamping depth. If buffers do not easily slide, coat inside with talcum powder. If they slide too easily, soak in detergent.
- When connecting Hobby beams, loosen both connector screws, slide each beam half way into the connector (Part No. 38-752) and retighten screws.
- If, when using Master Clamps the jaws slide but do not lock in place along the beam, gently sand beam with fine sand paper.