



SOCKET JAW TESTER

Product Data Sheet

Brooks' Socket Jaw Tester is designed to measure the insertion and extraction forces associated with installing a meter.

FEATURES

The 8400SJT features exclusive benefits and advantages to provide a better, higher quality product:

- Easy to read RED-YELLOW-GREEN scale calibrated in 1 lb increments
- Go/NoGo indication
- Capacity up to 45 lbs.
- Accuracy +/- 1%
- Peak force hold
- Long extension for ease of use
- Easily replaceable blades

MODEL

8400SJT



All parts come hosted in a handy carrying case with a permanent instruction sheet on the cover.

INSTRUCTION FOR USE

Assembly

- Install the insertion blade on the extension rod and hand tighten.
- Install the assembled extension rod into the gauge and hand tighten.

Operation

- Set the device to measure PEAK force.
- Using the gauge as a handle, insert the blade fully into the meter socket jaw to be tested.
- Press the reset button on the gauge and adjust the dial to zero.
- Rotate the adjustable dial until the zero mark aligns with the needle.
- Holding the force gauge, pull the blade out of the socket jaw and read the position of the needle on the gauge. Apply a smooth, steady force when performing this test. Do not go extremely fast or slow, as this will skew the results and possibly damage the device.

Note: The removal force is the best indication of the condition of the meter jaws. Each jaw should be tested and any readings should be further inspected for damage and other signs of arcing or excessive heat.

CALIBRATION

The socket jaw tester should be periodically checked to make certain that it is calibrated properly. To do this, use a weight in the range of the normal measurement values; 10 lbs would be suitable.

