

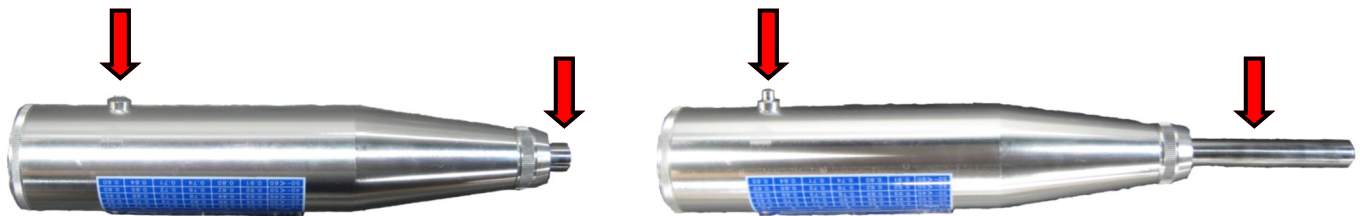
# TERRCO INC

## PORTABLE TEST HAMMER

### INSTRUCTIONS

1. Using the hand stone or an angle grinder, grind the surface of the concrete to break the surface tension.
2. Mark a 10-12 inch circle on the concrete you wish to test.
3. Press the side button to release the plunger.
4. Press the plunger straight down onto the concrete to be tested, keeping the instrument perpendicular to the concrete.
5. Push the plunger slowly until the plunger spring mechanism releases. (You will feel/hear the release)
6. While the plunger is still compressed, press the side button to hold the value you just measured.
7. Raise the instrument from the ground and record the results.
8. Repeat steps 3-7 at least 6 times before continuing.
9. After you have recorded your values add them together and divide by the number of tests completed. This will give you a good average of the hardness of the concrete.

Completing these steps will help to determine what bond hardness and diamond size you should use for the material you're working with.



Button and Plunger both Compressed

Button and Plunger both Released

### MAINTENANCE

After every 2000 test hits, leave the plunger in the body of the housing (locked position) and spray a little lubricant around the shaft and allow it to sit in this position to ensure the lubricant has flowed into the housing. Depress the plunger and wipe the excess lubricant from the shaft. After approximately 6000 test hits, you can replace the springs inside the housing. A set of rebuild springs are supplied with your new unit.

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