

GZII Testing anvil

GZIII/GZIV Portable Testing anvil



1. Testing Anvil is a necessary calibration tool for Rebound Hammers calibration.

2. The parts of testing anvil are made of high quality steel and high quality tool steel. The fitting surface of the anvil core and the anvil body (Morse taper No. 4) is finely ground and the Rockwell hardness of the anvil core surface is HRC 58-62.

3. Generally, the testing anvil is placed on the horizontal plane with greater rigidity to calibrate the rebound hammer. The rebound hammer is used to conduct the rebound test vertically or horizontally to calibrate the calibration value of the rebound hammer.

4. GZII-80 The average calibration value of N-type concrete rebound hammer (2.207J) is $[R] = 80 \pm 2$;

GZIII-60 The average calibration value of N-type concrete rebound hammer (2.207J) is $[R] = 60 \pm 2$;

GZIV-40 The average calibration value of N-type concrete rebound hammer (2.207J) is $[R] = 40 \pm 2$;

5. The testing anvil is used as an inspection tool. After 5,000 -- 8,000 times of bounce test, the anvil core and anvil body can be polished and leveled on the surface grinding machine for reuse.

However, the hardness of anvil core shall be maintained HRC 58-62, otherwise it shall not be used again.

6. The testing anvil is usually kept in a dry and dustproof place to prevent corrosion. The test surface shall not be knocked against at will in order to ensure the standard state of the inspection tool.

SPECIFICATIONS:

Name	Specifications
Anvil core hardness	HRC 58-62.
Size	$\Phi 50*78.5\text{mm}$ (GZIII-40) $\Phi 50*166\text{mm}$ (GZIII-60)
Total weight of anvil	1.05kg (GZIII-40) 2.4kg (GZIII-60) 16kg (GZII-80)