

Edition: V1.6

LANGRY®

GZ Series Testing Anvil Operation Instruction

LANGRY TECHNOLOGY PTE. LTD.

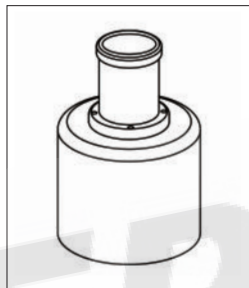
🌐 www.langryndt.com ✉ langry@langryndt.com

GZ Series Testing Anvil

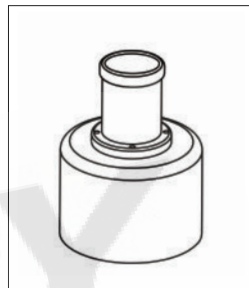
1. Testing Anvil is an essential tool to calibrate the rebound hammer.
2. The parts of these three kinds of Testing Anvils are fabricated with finely ground high-grade steel and tool steel. The HRC of the anvil core surface is HRC58-62.
3. The total weight of anvil GZI, anvil GZII, anvil GZIII, and anvil GZIV is $20.0^{+0.3}_{-0.1}$ kg, $16.0^{+0.3}_{-0.1}$ kg, $2.40^{+0.02}_{-0.02}$ kg, and $1.05^{+0.02}_{-0.01}$ kg respectively.
3. It is advisable to put the Testing Anvil on a rigid object, and the rebound hammer needs to bounce vertically downward to calibrate the rebound value. GZIII and GZIV Testing Anvils are equipped with buffer rubber pads (do not remove them while in service). They should be placed stably but cannot be clamped and fixed.
4. List of Rated Values of Rebound Hammers of Different Series of Testing Anvils.

	GZI	GZII	GZIII	GZIV
RH550	83±1	—	—	—
RH450	88±2	—	—	—
RH225	—	80±2	60±2	41±2
RH75	—	74±2	64±3	56±3
RH20	—	74±2	—	—

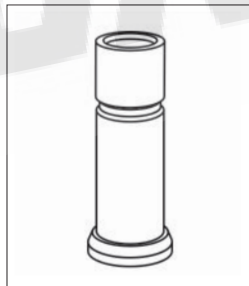
5. Grind the anvil core and anvil body flat on a surface grinder for reuse after 5,000 times of impact test, but the HRC of the former still needs to be HRC58-62. Otherwise, it cannot be reused.
6. Please keep the testing anvil in a dry and dustproof place to prevent corrosion and adopt anti-knocking measures to protect the test surface and ensure the standard state of the inspection tool.



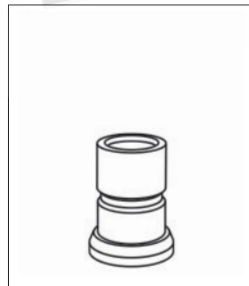
GZI Testing Anvil



GZII Testing Anvil



GZIII Testing Anvil



GZIV Testing Anvil