

MEASURING FIRING PIN INDENT AND TRIGGER PULL

INTRODUCTION

Note: Both measurements are explained together because they are measured simultaneously.

*Hardness*

DEFINITIONS

Firing Pin Indent

The impression made by the firing pin in the primers of shotshells, centerfires, or the rim of rimfire cartridges. This impression made by the firing pin is measured with the use of copper crushers. The crusher simulates the primers of various ammunition types. *The firing pin is measured with the use of copper crusher.*

Trigger Pull

The amount of force which must be applied to the trigger of a firearm to cause sear or hammer release. It is measured with a pull scale that touches the trigger at the point where the trigger finger would normally rest, with the force applied in an upward angle to the trigger.

PURPOSE

Firing Pin Indent

Firing pin indent is measured to insure against misfires chargeable to the firearm. The measurements must fall within the specified limits for the various firearms. *enough energy in the firing pin to fire the cartridge.*

Trigger Pull

Trigger pull is measured to insure that all Remington sporting arms triggers are comfortable in pull for the prospective gun owners. *safe*

LAB REQUIREMENTS

- o All firearms brought to the Test & Measurements Lab must have Firing Pin Indent and Trigger Pull measurements taken before testing.
- o A total of five (5) firing pin indents and five (5) trigger pulls must be taken on each firearm.