Project: Caliber .30 Springfield Military Shell
Personnel: A Travostino, G. Keller, R. Malcom

Bridgeport Plant in the past manufactured this product from a cup specifically designed for it by Remington. We were requested to convert our manufacture to the use of the standard Ordnance type case cup which involved a major revision in the draw layout to suit the new type cup. Tools were designed to accept the Ordnance type cup and samples were processed to determine their overall suitability in the various weapons involved. Production has been proceeding under the new process for some time with good results.

Project: Caliber .38 S&W
Personnel: A. Travostino, G. Keller, R. Malcom

This shell which has in the past been of the hollow base design has been redesigned and experimental evaluation of shells made under a completely new process are under way.

Project: Extruded Wire for Jacketed Bullet Cores
Personnel: T. Owen, A. Groves, F. Wilmot

As a result of labor shortages, hand casting of many heavy slugs appears now impractical on a continuing basis and therefore the use of extruded lead wire is being exploited in the manufacture of such cores.

In the case of the .38-158 gr. lead bullet, a process has been developed which involves the use of extruded lead wire, slug preforming and finished bullet forming as at present. Machine casting has not been entirely satisfactory due to cost of ring molds and to failure to fill out the mold in some cases.

Similarly, in the case of .45-230 M.C. bullets, hand casting and machine forming are being supplanted by the use of extruded wire and slug forming on an automatic swaging machine.

The manufacture of lead cores for the .30-150 Springfield Ball bullet direct from coiled wire is being developed.

Shot Shell

Project: Shot Shell Heading
Personnel: R. A. Robertson, E. M. Walker, J. H. Gurbach, W. L. Gore

As an aid to production in maintaining the desired head thickness in various shot shell gauges, a direct reading indicator gauge has been supplied with details for its use

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