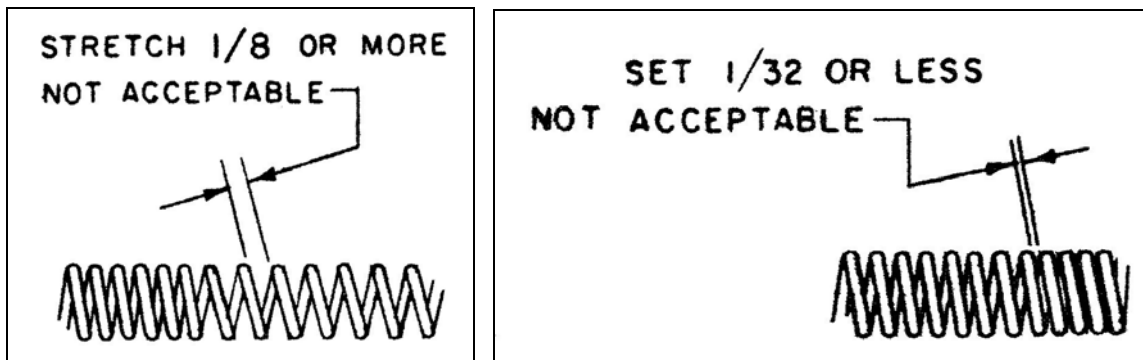


# M1 Garand Op Rod Spring Free Length

## Sources of Information Used:

- *Springfield Armory Ordnance Corps Blueprint C6147568* (applies to all versions of the M1, M1C, and M1D). This blueprint and all blueprints of the late model M1 Garand are available for purchase at website [www.nicolausassociates.com](http://www.nicolausassociates.com).
- *U.S. Army Weapons Command Depot Maintenance Work Instructions for Overhaul of the Rifle, U.S. Cal. .30: M1 (June 1965)*. This excellent 200+ page publication on overhauling the M1 Garand is available for purchase at website [www.nicolausassociates.com](http://www.nicolausassociates.com).
- *TM 9-1275* dated June 1947. This excellent publication on the M1 Garand is available for purchase at website [www.nicolausassociates.com](http://www.nicolausassociates.com).

## M1 Garand Op Rod Spring Set and Stretch Limits:



## M1 Garand Length of Op Rod Spring (Min & Max):

Using an operating rod spring tester (similar to that shown in TM 9-1275, June 1947) and referring to the tests noted for compressing the op rod spring -- using a five (5#) pound and sixteen (16#) pound weight (refer to Blueprint C6147568) to compress the spring, actual empirical data was collected to determine minimum op rod spring length through testing.

## M1 Garand Test Results:

- **Minimum Uncompressed Op Rod Spring Length** (From Gathered Empirical/Actual Test Data): 19.00" (measured end to end - see blueprint picture on how to measure).
- **Maximum Uncompressed Op Rod Spring Length** (From Blueprint C6147568): 20.25" (measured end to end - see blueprint picture on how to measure).