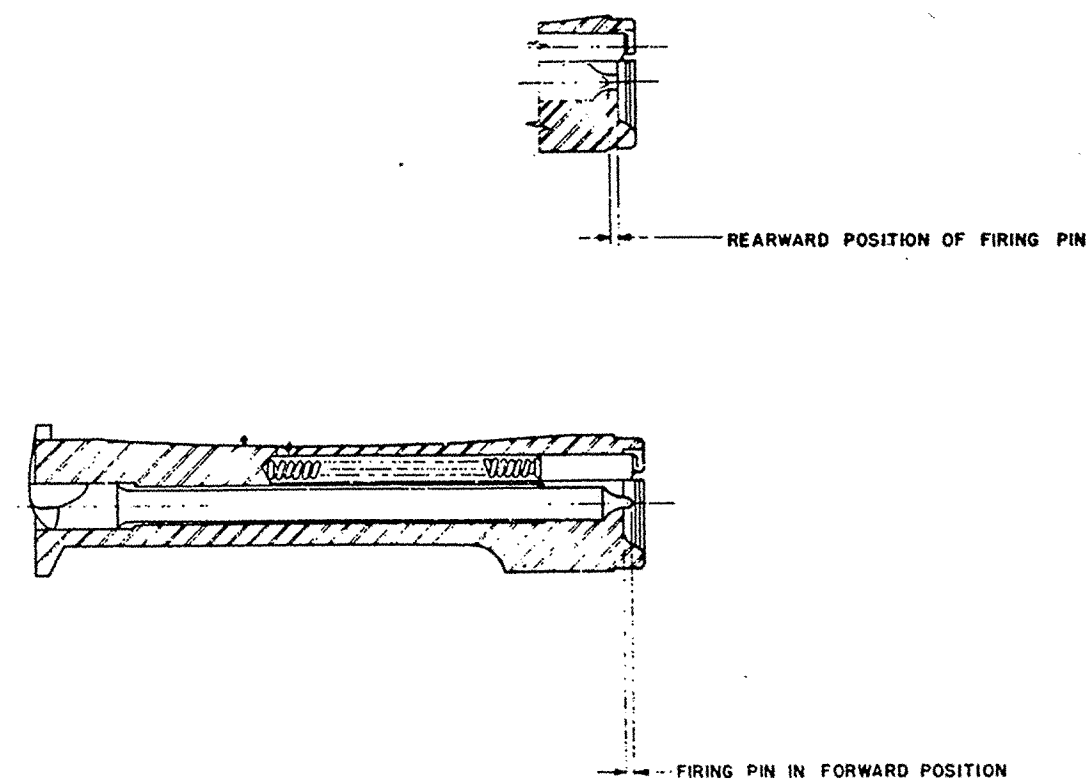
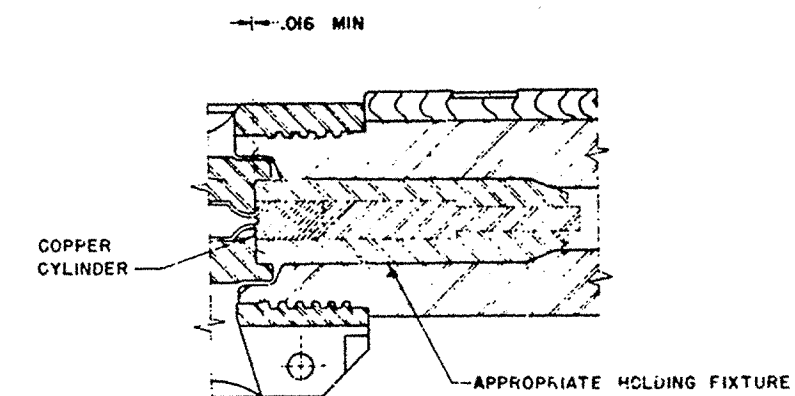


SCALE 1/2

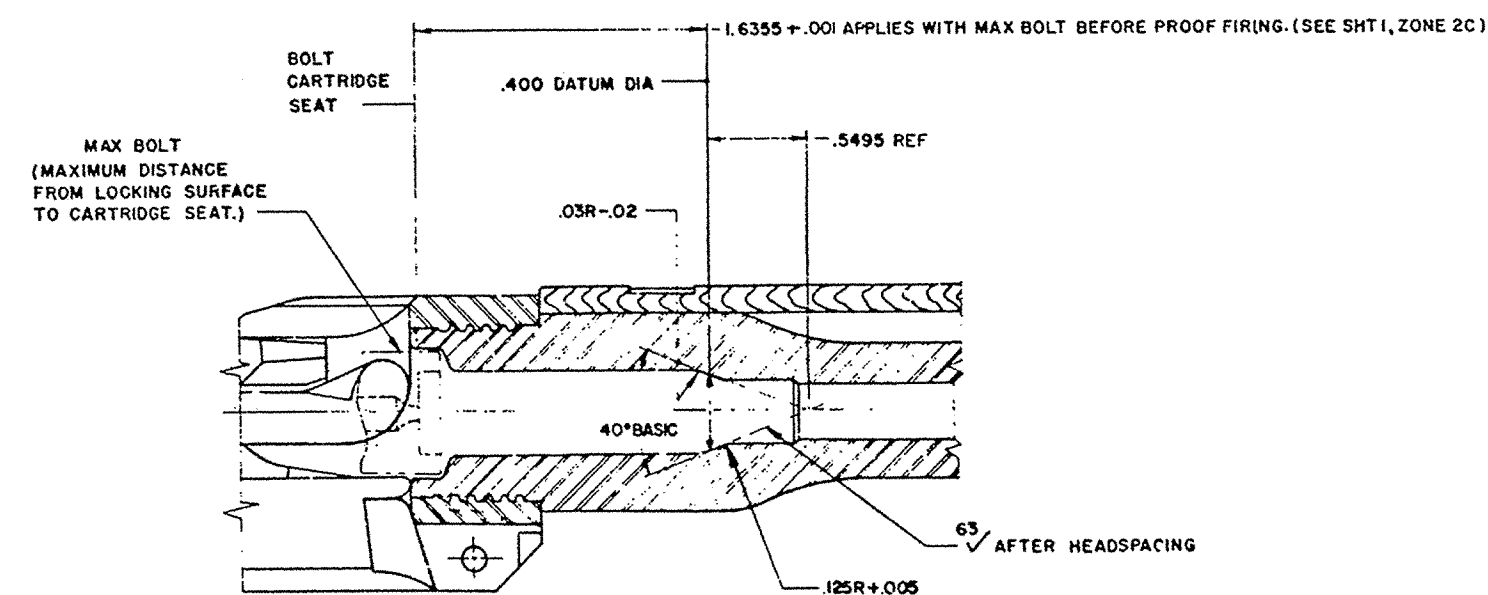
VIEWS SHOWING LIMITS OF FIRING PIN POSITIONS (BOLT OUT OF RIFLE) (SEE DWG C7790187 FOR REQUIREMENTS)



FIRING PIN INDENT SHALL BE TAKEN IN SOFT, ANNEALED, 99.90% PURE COPPER COMPRESSION CYLINDERS (GOVERNMENT STANDARD) AND SHALL NOT BE OFF CENTER MORE THAN ONE-HALF THE DIAMETER OF THE FIRING PIN POINT.



VIEW OF FIRING PIN INDENT

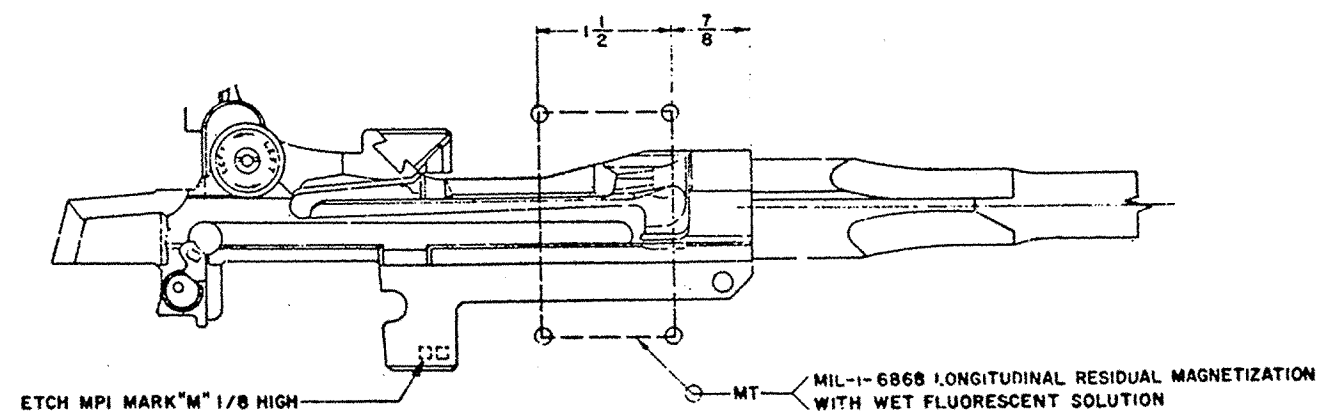


VIEW OF HEADSPACE

THE TRIGGER PULL (PARALLEL TO C OF BORE) REQUIRED TO RELEASE THE HAMMER SHALL BE SMOOTH, FREE FROM "CREEP" AND WITHIN THE LIMITS OF FOUR AND ONE-HALF TO SIX POUNDS. STONING OF FRONT AND REAR HAMMER HOOKS AND MATING SURFACES OF THE TRIGGER SHALL BE ACCOMPLISHED TO MEET THE REQUIRED TRIGGER PULL.

GAS CYLINDER PLUG SHALL BE ASSEMBLED WITH A TORQUE OF 15 ± 2 FOOT POUNDS

SCALE 1/1



NOTE: AFTER COMPLETION OF ALL FIRING TESTS (HIGH-PRESSURE RESISTANCE, FUNCTION FIRING AND TARGETING AND ACCURACY) PER SAPD-260, EACH RECEIVER SHALL BE FREE FROM CRACKS, SEAMS, AND OTHER INJURIOUS DEFECTS AS DETERMINED BY MAGNETIC PARTICLE INSPECTION USING A STANDARD 5 TURN MAGNETIZING COIL WITH A CURRENT OF 800 TO 1200 AMPERES. APPLY MPI MARK TO RIFLES MEETING THIS REQUIREMENT. APPLICATION AND REMOVAL OF THE LIQUID SHALL BE CONTROLLED TO PREVENT CONTAMINATION IN AREAS OF REAR SIGHT, BOLT STOP, SEAR RELEASE AND CARTRIDGE CLIP GUIDE. ADEQUATE CONTROL SHALL ALSO BE MAINTAINED TO MINIMIZE CONTAMINATION IN AREAS OF BARREL AND RECEIVER THREADS AND CONNECTOR LOCKING PIN.

CODE IDENT NC 15
ORD PART NO 77

RIFLE, 7.62
M14
NATIONAL MATCH

TEST NAME	DATE	TESTER	RESULTS	APPROVED
FUNCTIONAL				
SAFETY				
ACCURACY				
STRESS				
WEAR				
FINISH				
PACKAGING				
SHIPPING				
RECEIVING				
STORAGE				
DISPOSAL				

F 1 / 2

J-779-476
SH-5-5