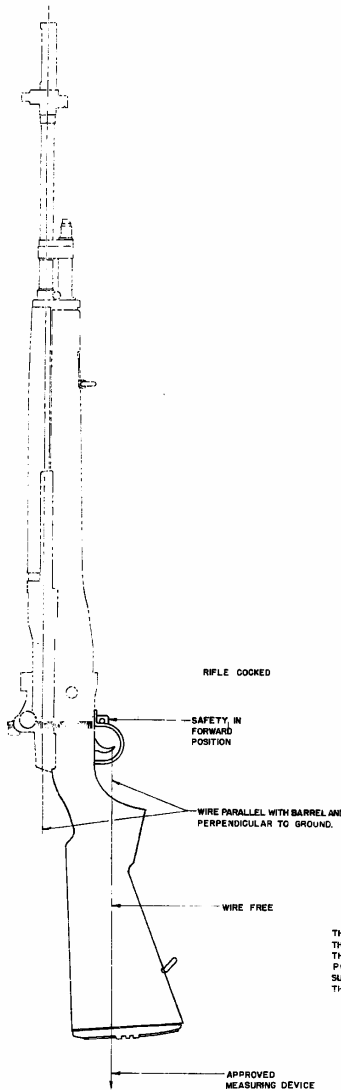


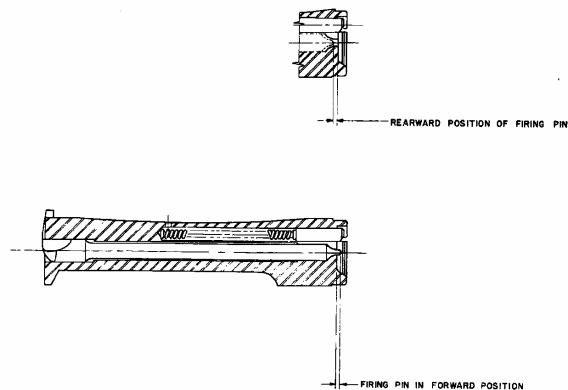
J9386974
F1/2
SH4/4



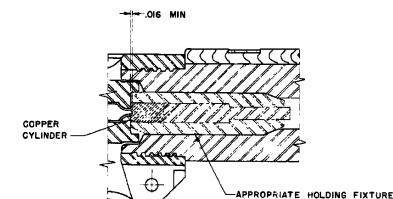
SCALE 1/2

VIEWS SHOWING LIMITS OF FIRING PIN POSITIONS

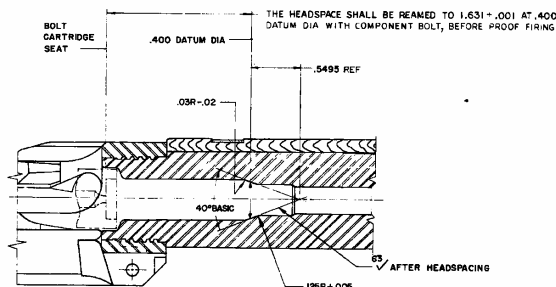
(BOLT OUT OF RIFLE)
(SEE DWG C7790187 FOR REQUIREMENTS)



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.

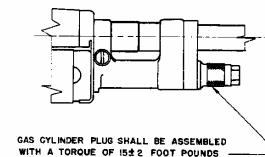


VIEW OF FIRING PIN INDENT

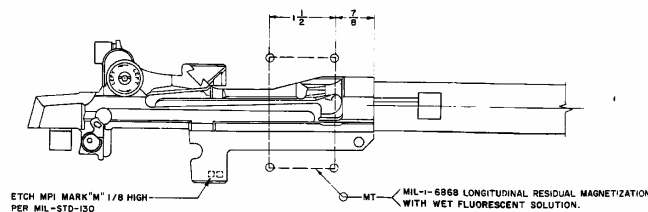


VIEW OF HEADSPACE

THE TRIGGER PULL (PARALLEL TO & OF BORE) REQUIRED TO RELEASE THE HAMMER SHALL BE SMOOTH, FREE FROM "DREEP" AND WITHIN THE LIMITS OF FOUR AND ONE-HALF TO FOUR AND THREE-QUARTER POUNDS. FRONT AND REAR HAMMER HOOKS AND MATING SURFACES OF THE TRIGGER SHALL BE ALTERED BY STONING TO MEET THE REQUIRED TRIGGER PULL.



SCALE 1/1



NOTE: AFTER COMPLETION OF ALL FIRING TESTS (HIGH PRESSURE RESISTANCE, FUNCTION FIRING AND TARGETING AND ACCURACY) PER SPEC MIL-R-45979, 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 WET FLUORESCENT SOLUTION 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.

MECHANICAL PROPERTIES		DO NOT SCALE DRAWING		ORIGINAL DATE OF DRAW	
UNLESS OTHERWISE SPECIFIED		DIMENSIONS ARE IN INCHES		84-09-21	
TOLERANCES ON DECIMALS #		FRACTIONS #		FRACTIONS #	
12P	1/16	1/16	1/16	1/16	1/16
12B	1/32	1/32	1/32	1/32	1/32
12C	1/64	1/64	1/64	1/64	1/64
12D	1/128	1/128	1/128	1/128	1/128
12E	1/256	1/256	1/256	1/256	1/256
12F	1/512	1/512	1/512	1/512	1/512
12G	1/1024	1/1024	1/1024	1/1024	1/1024
12H	1/2048	1/2048	1/2048	1/2048	1/2048
12I	1/4096	1/4096	1/4096	1/4096	1/4096
12J	1/8192	1/8192	1/8192	1/8192	1/8192
12K	1/16384	1/16384	1/16384	1/16384	1/16384
12L	1/32768	1/32768	1/32768	1/32768	1/32768
12M	1/65536	1/65536	1/65536	1/65536	1/65536
12N	1/131072	1/131072	1/131072	1/131072	1/131072
12O	1/262144	1/262144	1/262144	1/262144	1/262144
12P	1/524288	1/524288	1/524288	1/524288	1/524288
12Q	1/1048576	1/1048576	1/1048576	1/1048576	1/1048576
12R	1/2097152	1/2097152	1/2097152	1/2097152	1/2097152
12S	1/4194304	1/4194304	1/4194304	1/4194304	1/4194304
12T	1/8388608	1/8388608	1/8388608	1/8388608	1/8388608
12U	1/16777216	1/16777216	1/16777216	1/16777216	1/16777216
12V	1/33554432	1/33554432	1/33554432	1/33554432	1/33554432
12W	1/67108864	1/67108864	1/67108864	1/67108864	1/67108864
12X	1/134217728	1/134217728	1/134217728	1/134217728	1/134217728
12Y	1/268435456	1/268435456	1/268435456	1/268435456	1/268435456
12Z	1/536870912	1/536870912	1/536870912	1/536870912	1/536870912
12AA	1/1073741824	1/1073741824	1/1073741824	1/1073741824	1/1073741824
12AB	1/2147483648	1/2147483648	1/2147483648	1/2147483648	1/2147483648
12AC	1/4294967296	1/4294967296	1/4294967296	1/4294967296	1/4294967296
12AD	1/8589934592	1/8589934592	1/8589934592	1/8589934592	1/8589934592
12AE	1/17179869184	1/17179869184	1/17179869184	1/17179869184	1/17179869184
12AF	1/34359738368	1/34359738368	1/34359738368	1/34359738368	1/34359738368
12AG	1/68719476736	1/68719476736	1/68719476736	1/68719476736	1/68719476736
12AH	1/137438953472	1/137438953472	1/137438953472	1/137438953472	1/137438953472
12AI	1/274877906944	1/274877906944	1/274877906944	1/274877906944	1/274877906944
12AJ	1/549755813888	1/549755813888	1/549755813888	1/549755813888	1/549755813888
12AK	1/1099511627776	1/1099511627776	1/1099511627776	1/1099511627776	1/1099511627776
12AL	1/2199023255552	1/2199023255552	1/2199023255552	1/2199023255552	1/2199023255552
12AM	1/4398046511104	1/4398046511104	1/4398046511104	1/4398046511104	1/4398046511104
12AN	1/8796093022208	1/8796093022208	1/8796093022208	1/8796093022208	1/8796093022208
12AO	1/17592186044416	1/17592186044416	1/17592186044416	1/17592186044416	1/17592186044416
12AP	1/35184372088832	1/35184372088832	1/35184372088832	1/35184372088832	1/35184372088832
12AQ	1/70368744177664	1/70368744177664	1/70368744177664	1/70368744177664	1/70368744177664
12AR	1/140737488355328	1/140737488355328	1/140737488355328	1/140737488355328	1/140737488355328
12AS	1/281474976710656	1/281474976710656	1/281474976710656	1/281474976710656	1/281474976710656
12AT	1/562949953421312	1/562949953421312	1/562949953421312	1/562949953421312	1/562949953421312
12AU	1/1125899906842624	1/1125899906842624	1/1125899906842624	1/1125899906842624	1/1125899906842624
12AV	1/2251799813685248	1/2251799813685248	1/2251799813685248	1/2251799813685248	1/2251799813685248
12AW	1/4503599627370496	1/4503599627370496	1/4503599627370496	1/4503599627370496	1/4503599627370496
12AX	1/9007199254740992	1/9007199254740992	1/9007199254740992	1/9007199254740992	1/9007199254740992
12AY	1/18014398509481984	1/18014398509481984	1/18014398509481984	1/18014398509481984	1/18014398509481984
12AZ	1/36028797018963968	1/36028797018963968	1/36028797018963968	1/36028797018963968	1/36028797018963968
12BA	1/72057594037927936	1/72057594037927936	1/72057594037927936	1/72057594037927936	1/72057594037927936
12BB	1/144115188075855872	1/144115188075855872	1/144115188075855872	1/144115188075855872	1/144115188075855872
12BC	1/288230376151711744	1/288230376151711744	1/288230376151711744	1/288230376151711744	1/288230376151711744
12BD	1/576460752303423488	1/576460752303423488	1/576460752303423488	1/576460752303423488	1/576460752303423488
12BE	1/1152921504606846976	1/1152921504606846976	1/1152921504606846976	1/1152921504606846976	1/1152921504606846976
12BF	1/2305843009213693952	1/2305843009213693952	1/2305843009213693952	1/2305843009213693952	1/2305843009213693952
12BG	1/4611686018427387904	1/4611686018427387904	1/4611686018427387904	1/4611686018427387904	1/4611686018427387904
12BH	1/9223372036854775808	1/9223372036854775808	1/9223372036854775808	1/9223372036854775808	1/9223372036854775808
12BI	1/18446744073709551616	1/18446744073709551616	1/18446744073709551616	1/18446744073709551616	1/18446744073709551616
12BJ	1/36893488147419103232	1/36893488147419103232	1/36893488147419103232	1/36893488147419103232	1/36893488147419103232
12BK	1/73786976294838206464	1/73786976294838206464	1/73786976294838206464	1/73786976294838206464	1/73786976294838206464
12BL	1/147573952589676412928	1/147573952589676412928	1/147573952589676412928	1/147573952589676412928	1/147573952589676412928
12BM	1/295147905179352825856	1/295147905179352825856	1/295147905179352825856	1/295147905179352825856	1/295147905179352825856
12BN	1/590295810358705651712	1/590295810358705651712	1/590295810358705651712	1/590295810358705651712	1/590295810358705651712
12BO	1/1180591620717411303424	1/1180591620717411303424	1/1180591620717411303424	1/1180591620717411303424	1/1180591620717411303424
12BP	1/2361183241434822606848	1/2361183241434822606848	1/2361183241434822606848	1/2361183241434822606848	1/2361183241434822606848
12BQ	1/4722366482869645213696	1/4722366482869645213696	1/4722366482869645213696	1/4722366482869645213696	1/4722366482869645213696
12BR	1/9444732965739290427392	1/9444732965739290427392	1/9444732965739290427392	1/9444732965739290427392	1/9444732965739290427392
12BS	1/18889465931478580854784	1/18889465931478580854784	1/18889465931478580854784	1/18889465931478580854784	1/18889465931478580854784
12BT	1/37778931862957161709568	1/37778931862957161709568	1/37778931862957161709568	1/37778931862957161709568	1/37778931862957161709568
12BU	1/75557863725914323419136	1/75557863725914323419136	1/75557863725914323419136	1/75557863725914323419136	1/75557863725914323419136
12BV	1/151115727451828646838272	1/151115727451828646838272	1/151115727451828646838272	1/151115727451828646838272	1/151115727451828646838272
12BW	1/302231454903657293676544	1/302231454903657293676544	1/302231454903657293676544	1/302231454903657293676544	1/302231454903657293676544
12BX	1/604462909807314587353088	1/604462909807314587353088	1/604462909807314587353088	1/604462909807314587353088	1/604462909807314587353088
12BY	1/1208925819614629174706176	1/1208925819614629174706176	1/1208925819614629174706176	1/1208925819614629174706176	1/1208925819614629174706176
12BZ	1/2417851639229258349412352	1/2417851639229258349412352	1/2417851639229258349412352	1/2417851639229258349412352	1/2417851639229258349412352
12CA	1/4835703278458516698824704	1/4835703278458516698824704	1/4835703278458516698824704	1/4835703278458516698824704	1/4835703278458516698824704
12CB	1/9671406556917033397649408	1/9671406556917033397649408	1/9671406556917033397649408	1/9671406556917033397649408	1/9671406556917033397649408
12CC	1/19342813113834066795298816	1/19342813113834066795298816	1/19342813113834066795298816	1/19342813113834066795298816	1/19342813113834066795298816
12CD	1/38685626227668133590597632	1/38685626227668133590597632	1/38685626227668133590597632	1/38685626227668133590597632	1/38685626227668133590597632
12CE	1/77371252455336267181195264	1/77371252455336267181195264	1/77371252455336267181195264	1/77371252455336267181195264	1/77371252455336267181195264
12CF	1/154742504910672534362390528	1/154742504910672534362390528	1/154742504910672534362390528	1/154742504910672534362390528	1/154742504910672534362390528
12CG	1/309485009821345068724781056	1/309485009821345068724781056	1/30		