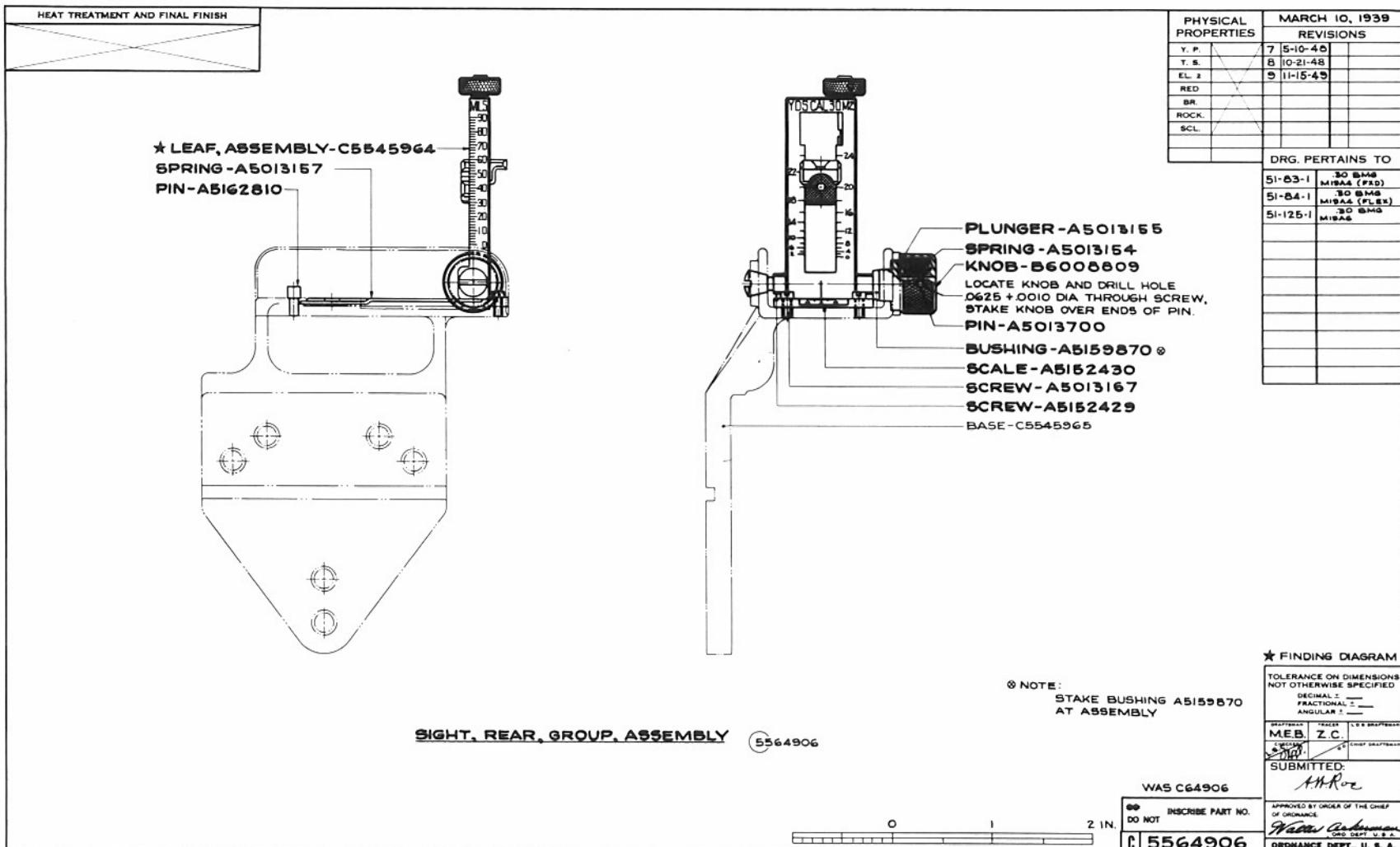


C 5564906



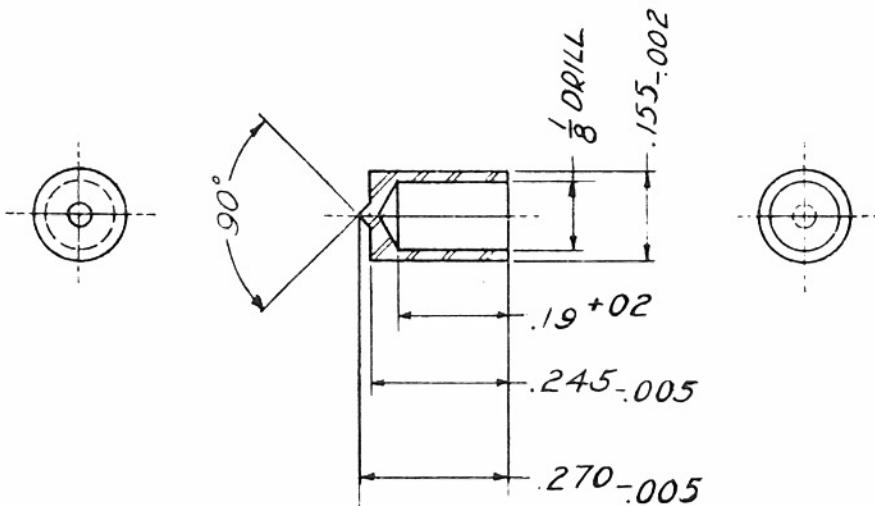
A5013154

A13154

~~SUPERSEDES A/3154~~

13155

HEAT TREATMENT & FINAL FINISH				PHYSICAL PROPERTIES			MAY 1, 1929
HEAT TREAT.		Y.P.	RED.	SCL		REVISIONS	
T.S.		BR.				1112-7-40 15 ³ 12-9-42	
EL. 2	ROCK	A73-77				1215-1-41 16 ⁷ 7-27-43	
			19 ¹	3-24-49		13 ⁴ 4-16-42 17 ⁴ 4-30-46	
						14 ⁷ 7-23-42 18 ³ 7-28-49	
						DRG. PERTAINS TO	
						51-102 30 BAR - M1918 A2	
						51-70 30 BMG-T12 HB(FLEX)	
						51-71 30 BMG-M2 HB(FXD)	
						51-74 30 BMG-M2 HB(FXD)	
						51-75 30 BMG-M2 HB(FLEX)	
						51-77 30 BMG-M19 A2	
						51-83 30 BMG-M19A4(FXD) TANK	
						51-84 30 BMG-M19A4(FLEX) TANK	
						51-88 30 BMG-M2 HB(FXD)	
						C5564906 SIGHT, REAR ASSEM.	
						D6528357 SIGHT, REAR GR ASSEM.	
						B35377 SIGHT, REAR GR ASSEM.	
						D6535423 SIGHT, REAR GR ASSEM.	
						51-13 30 BAR - M18	
						51-125 30 BMG-M19 A6	
						M.O.L. 26 ³ G.G.T.	
						L.P.E. 10 ³ 10 ³ 10 ³	
						E.C.T. 10 ³ 10 ³ 10 ³	
						51-BM1 10 ³ 10 ³ 10 ³	
						W.H. Whalley Supt.	
						MAU. ORD. 10 ³ 10 ³ 10 ³ A.	
						APPROVED BY ORDER OF THE CHIEF OF THE ARTILLERY	
						J.W. Drawing L.T. COL. G. C. DAVIS ORDNANCE DEPT. U. S. A.	



5013155

PLUNGER, REAR SIGHT WINDAGE CLICK (A13155-17)STEEL WD1085 COLD DRAWNBREAK CORNERS
FINISHES

TOLERANCE .01 ALLOWED ON ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.

SUPERSEDES OLD TRACING A13155

UNDER REVISION DATE OF FEB. 7, 1940.

SCALE 1⁴

DO NOT INSCRIBE PART NO.

A5013155

A13155

15-15 SUPERSEDES A13155

~~A13157~~

MAY 1, 1929

HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES				MAY 1, 1929	
HEAT TREAT		Y.P.	RED.	ROCK.	A73-76	SPECIFICATIONS	
TYPE II CLASS B		F.S.	BR.			19	2-9-44
		S.L.C.				20	3-20-44
<p>.17R. $\pm .01$</p> <p>$.75\text{--}.01$</p> <p>$.72\text{--}.01$</p> <p>$.01 \pm .01$</p> <p>$.13 \pm .01$</p> <p>$.16 \pm .01$</p> <p>$.64 \pm .01$</p> <p>$.05 \pm .01$</p> <p>$1.85 \pm .01$ DEVELOPED LENGTH</p>		<p>XO 3200-8000 3440-2000 10,000 SPRINGS WERE MADE TO REV. 9-25-40. AND THEN MODIFIED TO REV. 11-1-40</p> <p>DO NOT INSCRIBE PART NO.</p> <p>.05 $\pm .01$</p> <p>.05 $\pm .01$</p> <p>.072-.004</p> <p>.036-.003</p> <p>SECTION A-A</p> <p>5013157</p> <p><u>SPRING, REAR SIGHT BASE</u> (A13157-21)</p> <p><u>SPRING STEEL WD1095</u></p> <p>NOTE:- FOR ALTERNATIVE METHOD OF MANUFACTURE SEE DRG. A13157A</p> <p>TOLERANCE $\pm .01$ ALLOWED ON ALL DIMEN- SIONS UNLESS OTHERWISE SPECIFIED.</p> <p>SUPERSEDES OLD TRACING A13157</p> <p>UNDER REVISION DATE OF FEBRUARY 9, 1944</p> <p>SCALE $\frac{1}{2}$</p> <p>SPRINGFIELD ARMORY A5013157</p> <p>A13157</p>				<p>DRG. ERTAINS TO</p> <p>51-13 .30BAR-M18</p> <p>51-74 .30BMG-M2HB(FXD)</p> <p>51-75 .30BMG-M2HB(FLEX)</p> <p>51-77 .30BMG-M19A2</p> <p>51-83 .30BMG-M19A4(FXD)</p> <p>51-84 .30BMG-M19A4(FLEX)</p> <p>51-102 .30BAR-M19A8A2</p> <p>51-125 .30BMG-M19A6</p> <p>C7416 SIGHT, REAR "LATCH" FIND. DIAG.</p> <p>064906 SIGHT, REAR, ASM.</p> <p>06535423 SIGHT, REAR, GRASM.</p> <p>DCP DCP</p> <p>CHIEF CFT. MAN CHIEF CFT. MAN</p> <p>WEB STAB STAB</p> <p>SUBMITTED BY:</p> <p><i>Ernest J. Hopkins</i> HOOD ENG'D RD. DEPT.</p> <p>APPROVED BY ORDER OF THE CHIEF OF ORDNANCE:</p> <p><i>B. W. L. Brinkley</i> LT COL ORD. DEPT.</p> <p>ORDNANCE DEPT., J. S. A.</p>	

SUPERSEDES A/3/57

A 13167

HEAT TREATMENT & FINAI. FINISH		PHYSICAL PROPERTIES				MAY 1, 1929															
		Y.P.	RED.	ROCK	REVISIONS																
		T.S. EL2	BR.		1518-5-42																
PROTECTIVE FINISH TYPE C1 ASS A OR B.					16 ¹ /11 7-42																
		<table border="1"> <tr><td>078337</td><td>SIGHT, REAR, GRASM.</td><td>17¹/12 10-42</td></tr> <tr><td>51425</td><td>.30 BMG-M19A6</td><td>18¹ 7-27-43</td></tr> <tr><td>2652337</td><td></td><td>19¹ 4-30-46</td></tr> <tr><td>20³</td><td>CONVERSION 3-30-49</td><td></td></tr> <tr><td colspan="3"></td></tr> </table>				078337	SIGHT, REAR, GRASM.	17 ¹ /12 10-42	51425	.30 BMG-M19A6	18 ¹ 7-27-43	2652337		19 ¹ 4-30-46	20 ³	CONVERSION 3-30-49					
078337	SIGHT, REAR, GRASM.	17 ¹ /12 10-42																			
51425	.30 BMG-M19A6	18 ¹ 7-27-43																			
2652337		19 ¹ 4-30-46																			
20 ³	CONVERSION 3-30-49																				
						DRA. PERTAINS TO															
<p><u>SCREW, REAR SIGHT WINDAGE SCALE</u> <u>STEEL WD.1112 COLD DRAWN</u> <u>FINISH f</u></p> <p>TOLERANCE ±.01 ALLOWED ON ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED. SUPERSEDES OLD TRACING A13167 UNDER REVISION DATE OF AUGUST 5, 1942.</p>		<p>5013167 A13167-19</p> <p>DO NOT INSCRIBE PART NO</p> <p>SPRINGFIELD ARMORY A 5013167</p> <p>SCALE $\frac{4}{1}$</p> <p>A13167</p>				<p>51-70 50 BMG-M2HB(FLEX) 51-71 50 BMG M2 H.B.(FxD) 51-74 30 BMG M2HB(FxD) 51-75 30 BMG M2HB(FLEX) 51-77 30 BMG-M19 A2 51-83 30 BMG-M19A4(FxD) 51-84 30 BMG-M19A4(FLEX) 51-88 50 BMG-M2HB(FxD) C5564306 C64906 SIGHT, REAR, ASM.</p> <p>TECHMAN F. STERLING CO. PATRMAN G.J.C. H.M.F. 11/2 MECHANIC J. L. CO. PATRMAN W.H.W. H.C. CO. PATRMAN SUBMITTED</p> <p>1942 Forton COL. O.R.D. DEPT.</p> <p>APPROVED IN ORDER OF THE CHIEF OF ORDNANCE J. Murphy COL. O.R.D. DEPT., U.S.A.</p> <p>ORDNANCE DEPT., U.S.A.</p>															

TOLERANCE $\pm .01$ ALLOWED ON ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.

SUPERSEDES OLD TRACING A13167 UNDER
REVISION DATE OF AUGUST 5, 1942.

SCALE $\frac{4}{1}$

DONOT INSCRIBE PART NO

SPRINGFIELD ARMORY

A 5013167

A13167

15-15. SUPERSEDES A13167

A13700

HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES				APRIL 30, 1934		
PROTECTIVE FINISH TYPE II CLASS A OR B.	Y.P.	RED.	ROCK		REVISIONS			
	T.S.		BR.		16	2-1-44		
	±L.2				17 ²	4-30-46		
DO NOT INSCRIBE PART NO.		51-102	.30 BAR-M1918 A2	18 ⁴	CONVENTION 1-28-49			
		06535423	SIGHT, REAR, GR. ASM.	19 ¹	3-24-49			
		51-74	.30 BMG M2 HB (F.X.D.)					
		51-75	.30 BMG M2 HB (FLEX.)					
						DR'G. PERTAINS TO		
						51-83	.30 BMG-M19A4(F.X.D.)	
						51-70	.30 BMG-M2 H.B.(FLEX)	
						51-71	.30 BMG-M2 HB (F.X.D.)	
						06528337	SIGHT, REAR, GR. ASM.	
						51-77	.30 BMG-M19A2	
						E64003	LATCH, WITH WINDAGE	
						C5564005	SCREW & BASE ASM.	
						51-13	.30 BAR-M18	
						51-125	.30 BMG-M19A6	
						51-84	.30 BMG-M19A4(FLEX)	
						51-88	.30 BMG M2 HB (F.X.D.N.)	
						C5564906	SIGHT, REAR, ASM.	
						D. FISHER	TRACER	LOG. OFFICER
						<i>Wm C. C.</i>	<i>R. M. T.</i>	<i>W.C.</i>
						CHEIF DFTSMAN		CHEIF DFTSMAN
						<i>W.M. S.</i>	<i>W.C.</i>	<i>W.C.</i>
						SUBMITTED:		
						<i>J. Ambrose</i>		
						ORD ENG. ORD. DEPT.		
						APPROVED BY ORDER OF THE		
						CHIEF OF ORDNANCE -		
						<i>John Battatton</i>		
						LT COL. ORD. DEPT.		
						ORDNANCE DEPT., U. S. A.		
						SUPERSEDES A13700		
TOLERANCE ±.01 ALLOWED ON ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED		SCALE $\frac{1}{2}$				SPRINGFIELD ARMORY A5013700		
SUPERSEDES OLD TRACING A13700 UNDER REVISION DATE OF FEB 1, 1944.						A13700		

SUPERSEDES A13700

A5013700

A 5152429

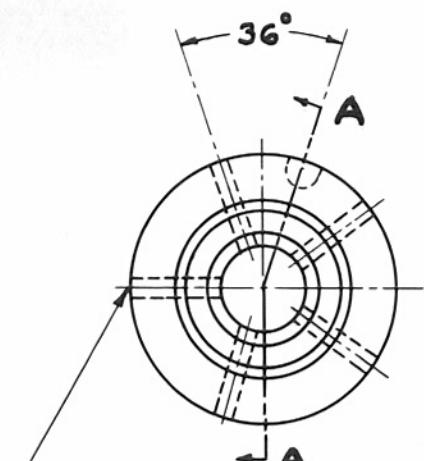
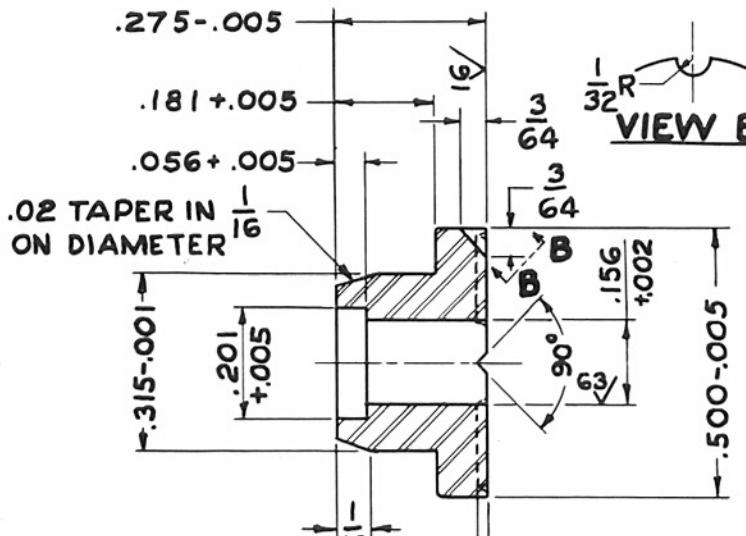
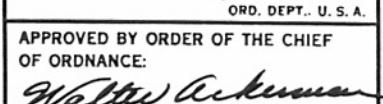
HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES					MARCH 10, 1939						
TYPE II FINISH, CLASS B		Y. P.	X	RED.	X	SCL	X	REVISIONS					
		T. S.		BR.				7 5-10-48					
		EL. 2		ROCK									
<p>MAJOR DIA .2000-.0062 PITCH DIA .1768-.0030 MINOR DIA .1562 MAX. .0714 LEAD, DOUBLE THREAD</p> <p>LOCATE AT ASSEMBLY</p> <p>INSCRIBE PART NO. DO NOT</p> <p>TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED DECIMAL $\pm .005$ FRACTIONAL $\pm \frac{1}{64}$ ANGULAR $\pm 1^\circ$</p> <table border="1"> <tr> <td>DRAFTSMAN M.T.</td> <td>TRACER O.K.</td> <td>L'DG DRAFTSMAN</td> </tr> <tr> <td>CHECKER L.S.C. <i>[Signature]</i></td> <td>O.O.</td> <td>CHIEF DRAFTSMAN</td> </tr> </table> <p>SUBMITTED: <i>A.H. Roe</i> ORD. DEPT., U. S. A.</p> <p>APPROVED BY ORDER OF THE CHIEF OF ORDNANCE: <i>Walter Ackerman</i> ORD. DEPT., U. S. A.</p> <p>ORDNANCE DEPT., U. S. A.</p>								DRAFTSMAN M.T.	TRACER O.K.	L'DG DRAFTSMAN	CHECKER L.S.C. <i>[Signature]</i>	O.O.	CHIEF DRAFTSMAN
DRAFTSMAN M.T.	TRACER O.K.	L'DG DRAFTSMAN											
CHECKER L.S.C. <i>[Signature]</i>	O.O.	CHIEF DRAFTSMAN											
SCREW, WINDAGE, REAR SIGHT STEEL FSX1020 FINISH 125 <i>✓</i>		5152429 WAS A152429 SCALE $\frac{2}{1}$ A 5152429											

A 5152430

MARCH 10, 1939

HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES				REVISIONS	
TYPE II FINISH, CLASS B		Y. P.	RED.	SCL.			
		T. S.	BR.				
		EL. 2	ROCK				
 VIEW SHOWING ALTERNATIVE METHOD OF MANUFACTURE		NOTE: GRADUATIONS .01 WIDE, .005 DEEP, FIGURES .08 HIGH. FILL GRADUATIONS AND FIGURES WITH WHITE ENAMEL.				DRG. PERTAINS TO C5564906 .30 BMG M19A4 (Fxd) M19A4 (Flex) M19A6	
						INSCRIBE PART NO. DO NOT	
						TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED DECIMAL ± .005 FRACTIONAL ± — ANGULAR ± —	
						DRAFTSMAN H.D.C. TRACER O.K. L'D G DRAFTSMAN CHECKER L.S.C. ✓ O.O. CHIEF DRAFTSMAN	
SCALE, WINDAGE, REAR SIGHT <u>STEEL FSX1020</u> <u>FINISH 125</u>		5152430				SUBMITTED: <i>H.W.Roe</i> ORD. DEPT., U. S. A.	
						APPROVED BY ORDER OF THE CHIEF OF ORDNANCE: <i>Walter Ackermann</i> ORD. DEPT., U. S. A.	
						ORDNANCE DEPT., U. S. A.	
		WAS A 5152430					
		SCALE $\frac{2}{1}$				A 5152430	

A5159870

HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES				MARCH 10, 1939	
HEAT TREAT TYPE II FINISH, CLASS B		Y. P.	RED.	SCL.		REVISIONS	
		T. S.	BR.			10 5-10-48	
		EL. 2	ROCK	C. C.	.004 TO .006 DEEP		
 5 NOTCHES EQUALLY SPACED		 SECTION A-A				DRG. PERTAINS TO C5564906 30 BMG M19A4 (FxD) M19A4 (Flex) M19AG	
BUSHING, REAR SIGHT WINDAGE SCREW 5159870 STEEL FSX 1020 FINISH 125/ , OTHER SURFACES AS SPECIFIED		INSCRIBE PART NO. DO NOT TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED DECIMAL $\pm .01$ FRACTIONAL $\pm 1/64$ ANGULAR $\pm 5^\circ$				DRAFTSMAN M.T. TRACER O.K. L'DG DRAFTSMAN CHECKED LS 0.0 CHIEF DRAFTSMAN	
						SUBMITTED:  ORD. DEPT.. U. S. A.	
						APPROVED BY ORDER OF THE CHIEF OF ORDNANCE:  ORD. DEPT.. U. S. A.	
						ORDNANCE DEPT.. U. S. A.	
		SCALE $\frac{4}{1}$ A 5159870					

A5162810

HEAT TREATMENT & FINAL FINISH		PHYSICAL PROPERTIES				MARCH 10, 1939	
TYPE II FINISH, CLASS B		Y. P.	RED.	SCL.		REVISIONS	
		T. S.	BR.			6	5-10-48
		EL 2	ROCK				
						DRG. PERTAINS TO	
						C5564906	.30 BMG M19A4 (FxD) M19A4 (Flex) M19AG
						INSCRIBE PART NO. DO NOT	
						TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED DECIMAL $\pm .005$ FRACTIONAL $\pm 1/64$ ANGULAR \pm	
		DRAFTSMAN APB	TRACER O.K.	L'DG DRAFTSMAN			
		CHECKER <i>LSC</i> <i>Curve</i>		CHIEF DRAFTSMAN 0°			
						SUBMITTED: <i>A. M. Roe</i>	
						ORD. DEPT., U. S. A.	
						APPROVED BY ORDER OF THE CHIEF OF ORDNANCE: <i>Walter Ackerman</i>	
						ORD. DEPT., U. S. A.	
						ORDNANCE DEPT., U. S. A.	
PIN, STOP, REAR SIGHT LEAF STEEL FSX 1315 FINISH 125/		WAS A162810					
SCALE $\frac{4}{1}$		A 5162810					

HEAT TREATMENT AND FINAL FINISH	
PROTECTIVE FINISH TYPE II GLASS A.O.B.	

DO NOT INSCRIBE PART NO. 51-75 30 BMG-M2HB(FLEX)

51-75

30 BMG-M2HB(FLEX)

PHYSICAL PROPERTIES

APRIL 30, 1934

REVISIONS

Y.P.	21 4-15-11
T.S.	22 ² 5-6-44
EL.2	23 ² 4-30-16
RED.	24 ³ 1-28-19
BR.	25 ³ 3-30-19
ROCK.	

DRG. PERTAINS TO

51-19	30 BAR-M10
51-102	30 BAR-M10A2
06535425	SIGHT, REAR, GR. ASM
51-70	50 BMG-M2-HB(FLEX)
51-71	50 BMG-M2HB(FAD)
51-88	50 BMG-M2HB(FLEX)
06528337	SIGHT, REAR, GR. ASM
51-77	30 BMG-M19A2
05507416	SIGHT, REAR, GR. ASM
51-83	30 BMG-M19A4(FAD)
51-84	30 BMG-M19A4(FLEX)
51-125	30 BMG-M19A6
03564906	SIGHT, REAR, ASM
51-74	30 BMG-M2HB(FAD)

OFFICER TRACED
H.M.F. *mmed.* L.D.G. OFFICER
W.C.L.

CHECKER *W.H.M.* CHIEF OFFICER *E.J.*

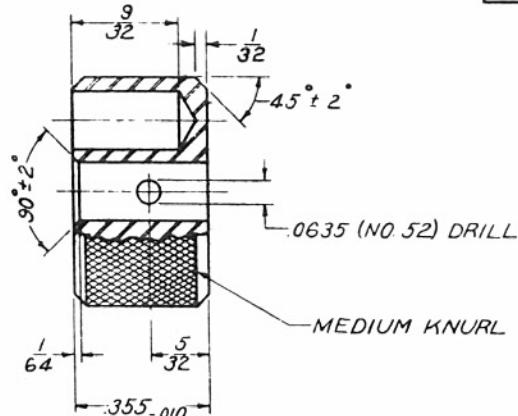
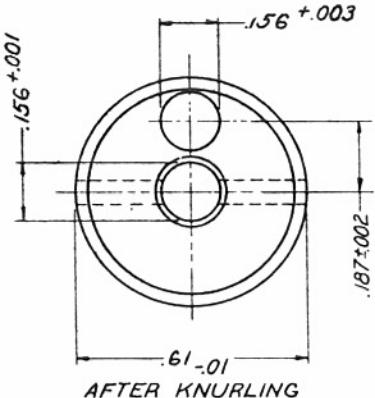
SUBMITTED.

Archibald
HQ. ORD. ENG. ORD. DEPT.

APPROVED BY ORDER OF THE
CHIEF OF ORDNANCE.

Archibald
LT. COL. ORD. DEPT.

ORDNANCE DEPT., U.S.A.



6008809

KNOB, REAR SIGHT WINDAGE SCREW (B8809-23)
STEEL WD. 1112 COLD DRAWN
FINISHES

TOLERANCE ±.01 ALLOWED ON ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.

SUPERSEDES OLD TRACING B8809 UNDER REVISION DATE OF APRIL 15, 1944.

SCALE $\frac{1}{4}$
B 8809

SPRINGFIELD ARMORY
B 6008809

SUPERSEDES B8809

B6008809

C 5564906

