

12.5" = 1" 178

# NOTES:

1. FINISH 125/ EXCEPT AS NOTED.
2. ALL CORNERS SHALL BE ROUNDED .005 R +.025 UNLESS OTHERWISE SPECIFIED.
3. HEAT TREATMENT: NORMALIZE BEFORE MACHINING. HEAT TO 1525° TO 1550°F OIL QUENCH. TEMPER 20 MINUTES AT HEAT TO HARDNESS SPECIFIED. HEAT TREATMENT IS FOR GUIDANCE EXCEPT THAT TEMPERING TIME SHALL NOT BE REDUCED BELOW THAT SPECIFIED.
4. DIMENSIONS LABELED  $\begin{matrix} \text{---F---} \\ \text{---D---} \end{matrix}$  SHALL APPLY TO A THEORETICAL SHARP INTERSECTION.
5. MIL-W-13855 SHALL APPLY

CENTER LINE OF APERTURE GROOVE SHALL BE HELD TO 90° 0' ± 0° 15' WITH CENTER LINE OF PINION HOLE AND THREAD.

SEE DETAIL C

DETAIL C  
SCALE: 4/1

DETAIL D  
SCALE: 10/1

DETAIL M  
SCALE 4/1

SEE DETAIL D

SECTION B-B

SECTION A-A  
SCALE: 4/1

SECTION THROUGH GRADUATION  
SCALE 50/1

HEAT LOT NO.  
8 PERSONNEL SYMBOLS  
16 HIGH PERMISSIBLE

PHYSICAL PROPERTIES	F7267000	RIFLE M14	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	ORIGINAL DATE OF DRAWING
W	F7265700	.30R-MID	TOLERANCES ON DECIMALS	2 AUG 37
SL	F7265699	.30R-MIC	ANGLES ± 1°	CHANGES
IN	F7265698	.30R-MI	FRACTIONS 2/164	CHANGES
IN			MATERIAL	STEEL, FED SPEC QQ-S-637-1141
IN			HEAT TREATMENT	SEE NOTE 3
IN	C45-50		APPLICATION	DO NOT APPLY PART NO.
IN			FINAL PROTECTIVE FINISH	ENHANCE 5.12 OR 5.3.2.2 OF MIL-STD-1312

BASE, REAR SIGHT

R.M.H.

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