

## NOTE:

1. STEEL, CARBON, 1050, 1141  
ASTM A108

2. FINISH 63/ EXCEPT AS NOTED.

3. ALL CORNERS AND EDGES SHALL BE SHARP TO .005 R  
MAX UNLESS OTHERWISE SPECIFIED.

4. HEAT TREATMENT: HEAT TO 1525°-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.

5. DIMENSIONS TO BE CONCENTRIC WITH  $\pm .005$  TIR.

6. "V" NOTCH SHALL BE ON SAME CENTERLINE AS .064 DIA  $\pm .002$  HOLES WITHIN  
.020 AND SHALL BE LOCATED AS SHOWN IN RELATION WITH  
CENTERLINE OF DIA "B".

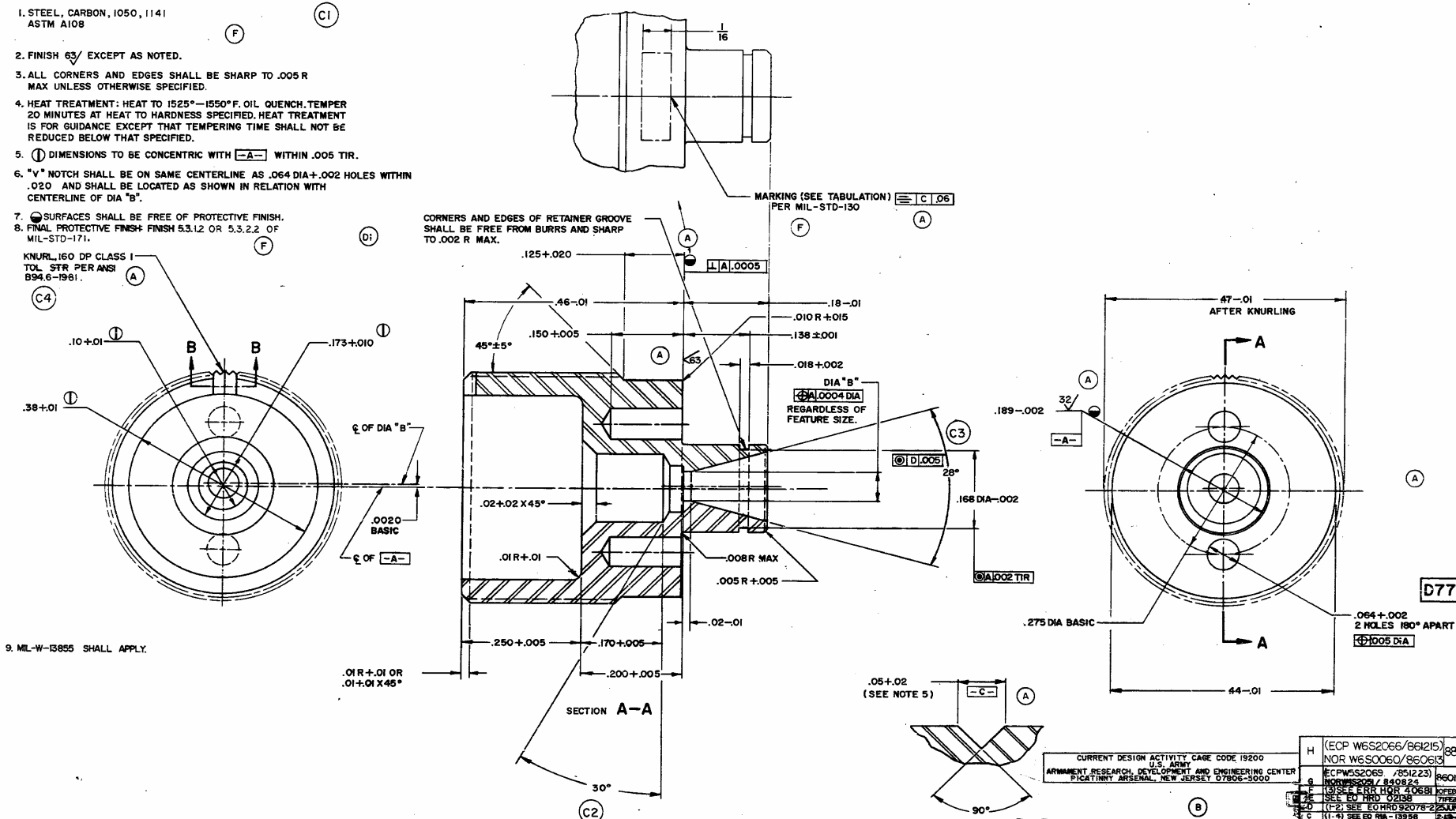
7. SURFACES SHALL BE FREE OF PROTECTIVE FINISH.  
8. FINAL PROTECTIVE FINISH: FINISH 5.3.12 OR 5.3.2.2 OF  
MIL-STD-171.

KNURL .160 DP CLASS I  
TOL STR PER ANS  
B94.6-1961.

9. MIL-W-15855 SHALL APPLY.

CORNERS AND EDGES OF RETAINER GROOVE  
SHALL BE FREE FROM BURRS AND SHARP  
TO .002 R MAX.

MARKING (SEE TABULATION)  $\pm .005$   
PER MIL-STD-130



PART NO.	"B" SIZE OF PEEP HOLED MARKING	
7791131	.0595 $\pm$ .0025	595
7791281	.0520 $\pm$ .0025	520

PHYSICAL PROPERTY	TOLERANCES ON DIMENSIONS	HEAT TREATMENT
1. 7791131	SEE NOTE 1	SEE NOTE 4
2. 7791132	SEE NOTE 1	SEE NOTE 4
3. 7791133	SEE NOTE 1	SEE NOTE 4
4. 7791134	SEE NOTE 1	SEE NOTE 4
5. 7791135	SEE NOTE 1	SEE NOTE 4
6. 7791136	SEE NOTE 1	SEE NOTE 4
7. 7791137	SEE NOTE 1	SEE NOTE 4
8. 7791138	SEE NOTE 1	SEE NOTE 4
9. 7791139	SEE NOTE 1	SEE NOTE 4
10. 7791140	SEE NOTE 1	SEE NOTE 4

PART NO. (SEE TABULATION)

ORIGINAL DATE 15 DEC 61

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EYEPIECE

CODE IDENT NO. 19205

SPRINGFIELD ARMOY,  
SPRINGFIELD 1, MASS.

7791131

1