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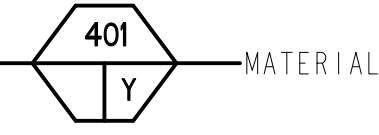
REVISIONS				
MODEL REV	DRAWING REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	F	NOR LIS2102 / 2001-08-23	2001-09-26	RLV
-	G	NOR L2S3024 / 2002-05-21	2002-07-30	JJW
A	H	NOR L07S3087 / 2007-09-24	2007-10-04	BMG
B	J	NOR L08S3013 / 2008-03-25	2008-04-23	BMG
C	K	NOR L11S3012 / 2011-03-09	2011-04-21	AMW

NOTES

1. APPLICABLE SPECIFICATIONS AND STANDARDS:

- A. ANSI Y14.5-1973
- B. MIL-W-13855

2. MATERIAL: ALLOY STEEL OF A CHEMICAL COMPOSITION THAT CAN BE HEAT TREATED PER AMS 2759 TO MEET THE REQUIREMENTS OF NOTE 6 OR MAKE FROM A COMMERCIALY-AVAILABLE SOCKET HEAD SET SCREW THAT MEETS THE AFOREMENTIONED MATERIAL REQUIREMENTS.

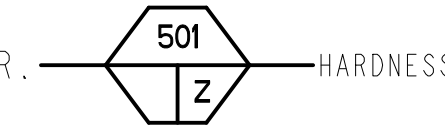


3. DIMENSIONAL LIMITS AND SURFACE FINISH APPLY BEFORE PROTECTIVE FINISH.

4. BREAK EDGES .005^{+0.010}/_{-.000} EXCEPT AS NOTED.

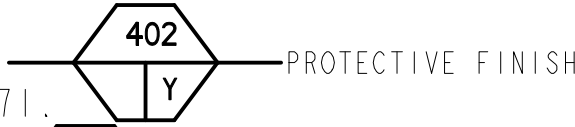
5. FILLET RADIUS SHALL BE R.015^{+0.000}/_{-.012} EXCEPT AS NOTED.

6. SUGGESTED HEAT TREATMENT: QUENCH IN OIL AND TEMPER. HARDNESS: ROCKWELL C 45 TO 53 OR EQUIVALENT.

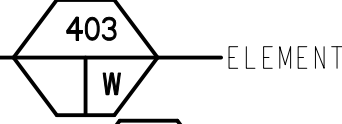


7. SURFACE FINISH: 125/ EXCEPT AS NOTED.

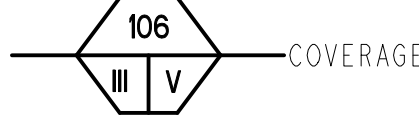
8. PROTECTIVE FINISH: REMOVE ANY EXISTING PROTECTIVE FINISH AND THEN APPLY FINISH 5.3.1.2 OF MIL-STD-171.



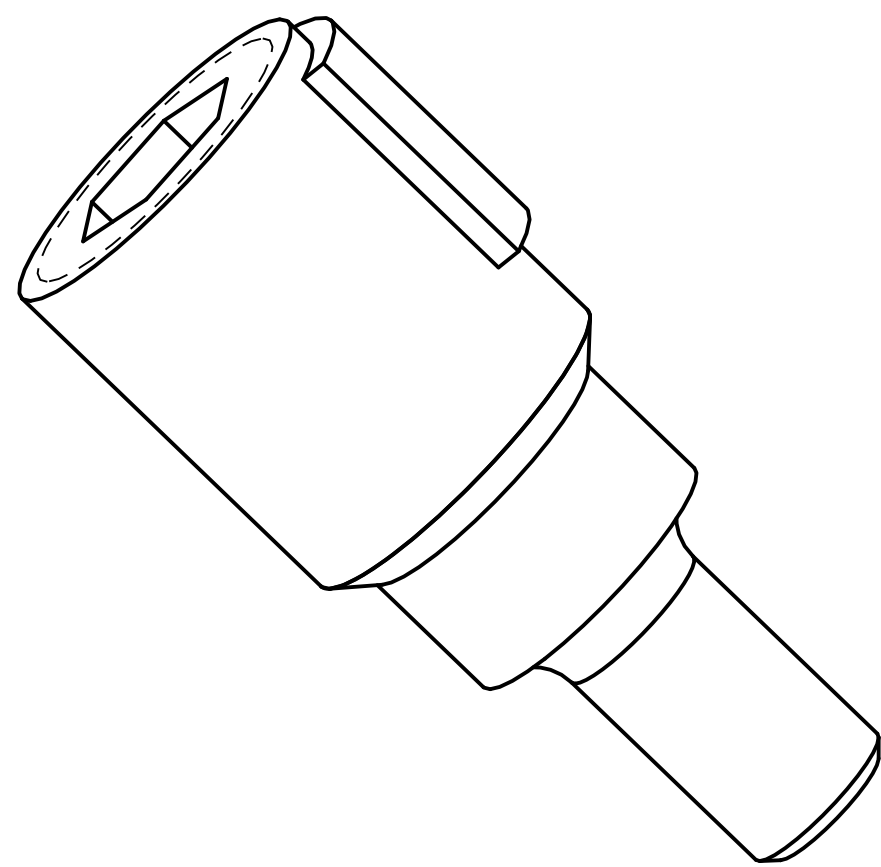
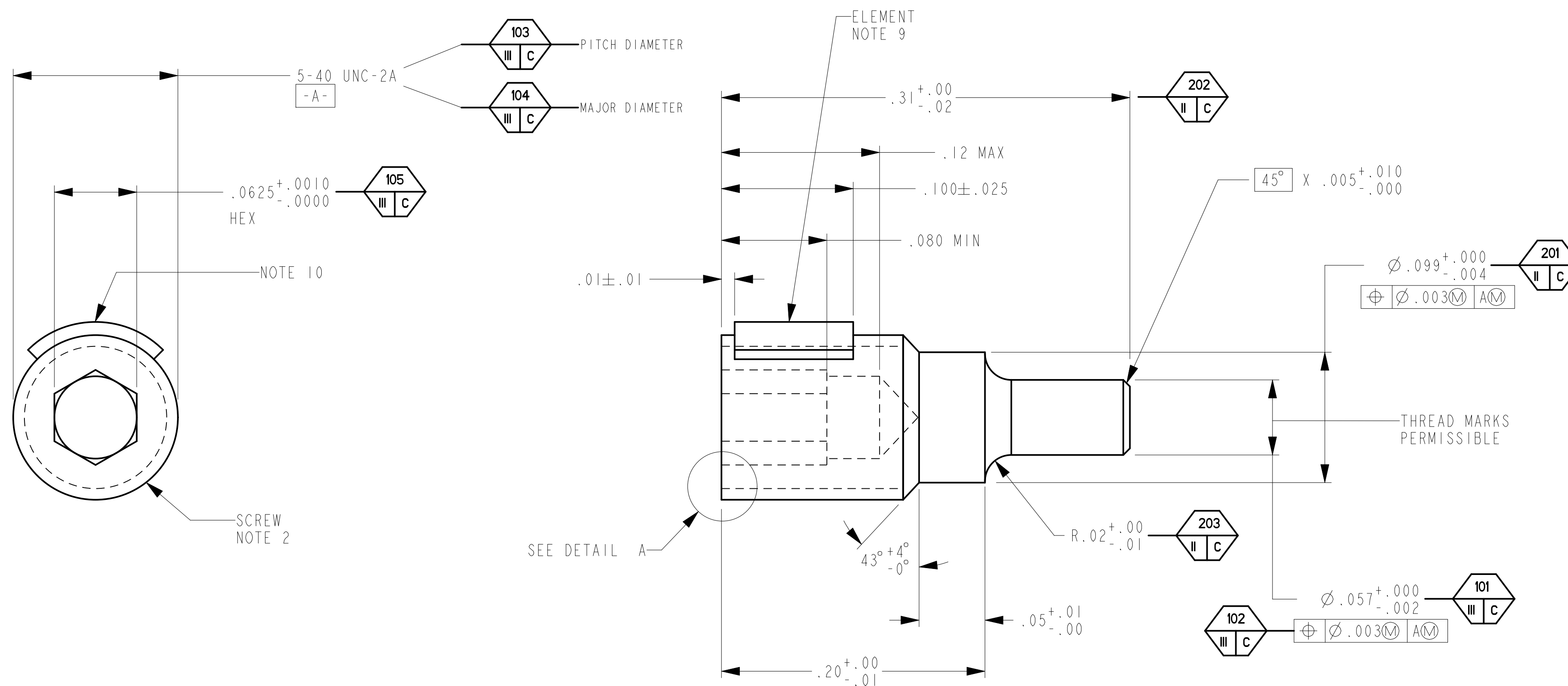
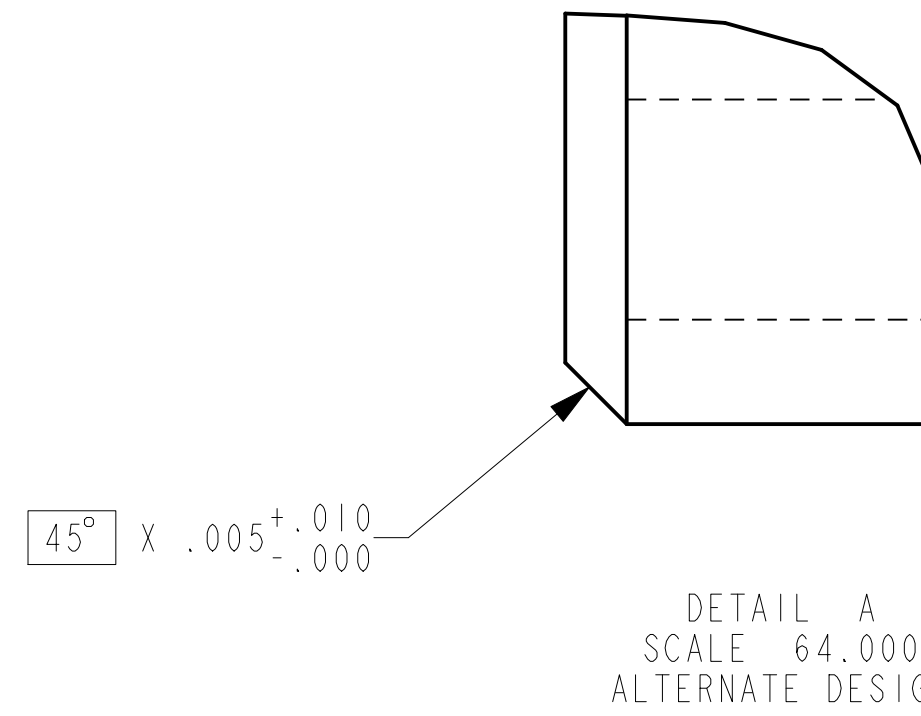
9. ELEMENT: TYPE P, GOVERNMENT DESIGNATION 04 PER MIL-DTL-18240 EXCEPT AS NOTED.



10. ELEMENT SHALL COVER 90° MIN OF THREADED DIAMETER IN A RANDOM RADIAL LOCATION.



11. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING NUMBER 12993884 APPLY.



ISOMETRIC VIEW

- 502 - SALT SPRAY TEST
- 503 - COATING WEIGHT
- 504 - SUPPLEMENTARY OIL TREATMENT SALT SPRAY TEST
- 204 - NO MISSING OR DEFECTIVE PROTECTIVE FINISH
- 205 - WORKMANSHIP

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 9349065

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PMIC			DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NUMBER		DESIGN ACTIVITY US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, NEW JERSEY 07806-5000
				CONTRACTOR		
MECHANICAL PROPERTIES	M4A1		TOLERANCES ON ANGLES ± 2° 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005	DRAWN BY	DATE(YEAR-MO-DA)	SCREW, INDEX
	M4			G. STRAHL	1982-02-26	
YP	12951011	M16A4	CHECKER	ENGINEER	SIZE D	
TS	9390029	M16A3	J. MACON-ESERV	J. WINDHAM		
EL2	9349062	M16A2	ENGINEER	QUALITY ENGINEER	DWG NO. 9349065	
RA			L. KO	E. SESE	SCALE 16.000	
BH			L. BRUNTON	2002-05-21		UNIT WT. 0.000628
RH			R. ELBE	2002-05-21	SHEET 1 OF 1	
APPLICATION			MATL ENGR	MODELED BY		
				G. STRAHL		