

NOTES:

1. OMITTED.
2. MATERIAL: WIRE, MUSIC, STEEL, ASTM A228.
3. HEAT TREATMENT: STRESS RELIEVE AT 224° ± 5°C FOR 30 MINUTES AFTER COILING.
4. PROTECTIVE FINISH: FINISH 5.3.1.3 +30.7 OR 5.3.2.3 +30.7 OF MIL-STD-171.
5. HOLE DIA. INTO WHICH SPRING FITS FREELY Ø 3.175 MIN.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATED DRAWING	8/9/2012	BAM



WIRE DIAMETER 0.457 ± 0.012
 COIL DIAMETER 3.022 - 0.102
 FREE LENGTH 9.652 REF
 TOTAL COILS 10.5 TOTAL REF.
 DIRECTION OF HELIX R. H.
 LOAD AT COMPRESSED LENGTH OF 6.35 0.980 Kg ± 0.099 Kg
 LOAD AT COMPRESSED LENGTH OF 5.232 1.31 Kg ± 0.131 Kg
 SPRING RATE 0.296 Kg/mm REF
 SOLID LENGTH 4.877 MAX
 TYPE OF ENDS OPEN ENDS GROUND

अंतरिम रूप से प्रमाणित
 Provisionally Approved
 24 AUG 2021
 हस्ताक्षर/Sig
 For Cmde (AP)

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	INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL: SEE NOTE 2 FINISH: SEE NOTE 4 DO NOT SCALE DRAWING	SIZE: B 5013154 SCALE: 5:1	REV: A	WEIGHT: N/A SHEET 1 OF 1

NOTES:

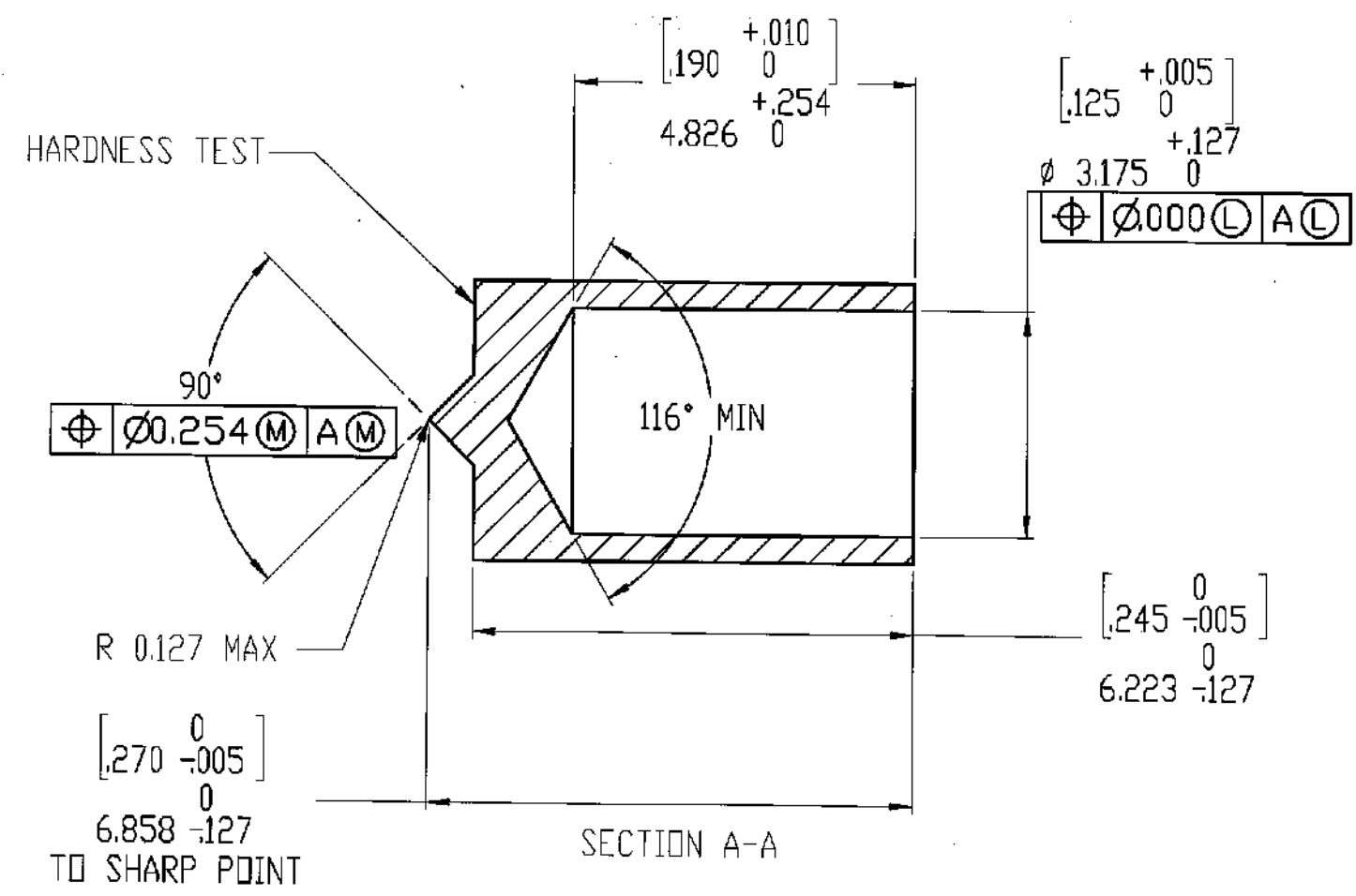
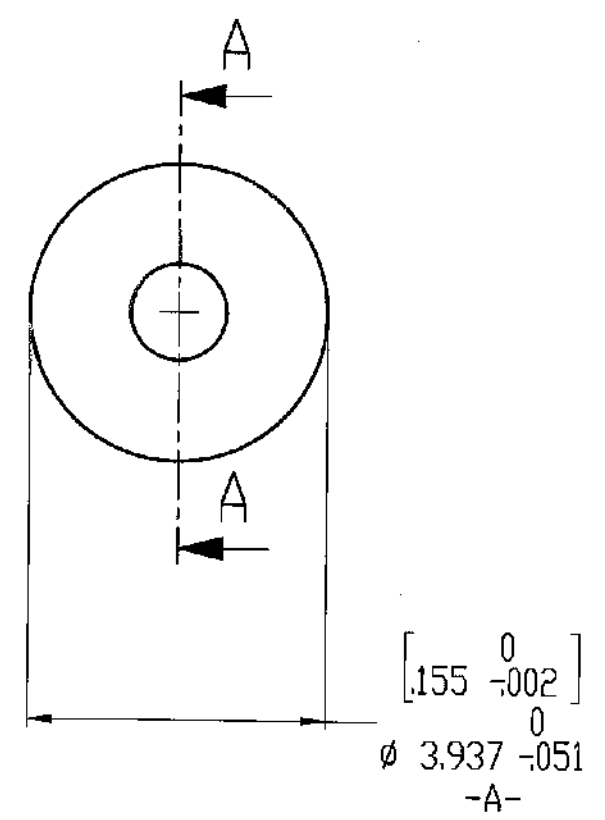
1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: HOT WROUGHT CARBON STEEL BAR, ASTM A576, GRADE 1085 TO 1095, OR TOOL STEEL: ASTM A686, CLASS W1-8 THRU 11, GRADE C.
3. HEAT TREATMENT: HEAT TO THE AUSTENITIZING TEMPERATURE, QUENCH, AND TEMPER TO HRA 73.5-77 IAW SAE AMS 2759.
4. PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
5. FINISH $\sqrt{3.2}$ ALL OVER.
6. BREAK EDGES 0.127 MAX UNLESS OTHERWISE SPECIFIED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATED DRAWING	7/31/2012	BAM

अप्रमाणित रूप से प्रमाणित
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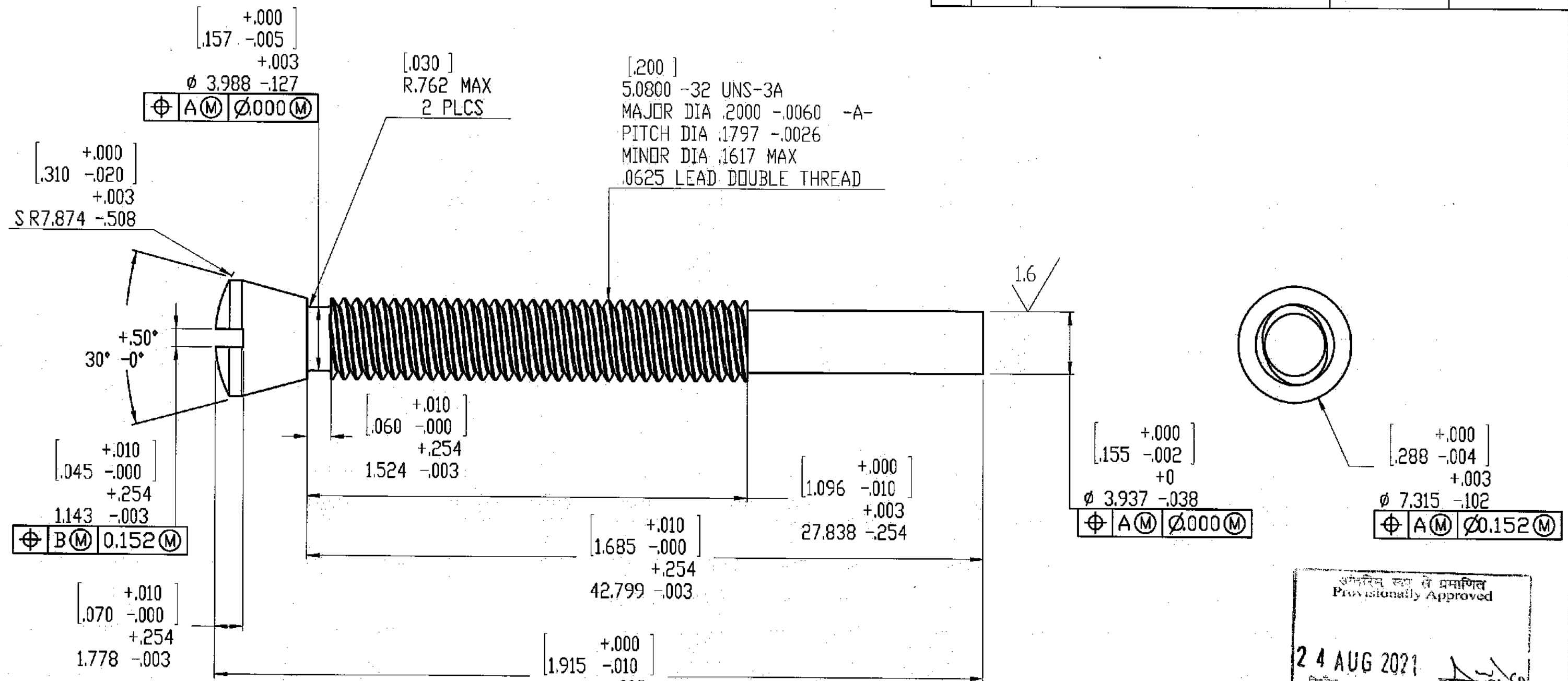
4 AUG 2012

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	<p>INTERPRET GEOMETRIC TOLERANCING PER:</p>	<p>DRAWN</p>	<p>CHECKED</p>	
	<p>MATERIAL</p> <p>SEE NOTE 2</p>	<p>ENG APPR.</p>	<p>MFG APPR.</p>	
	<p>FINISH</p> <p>SEE NOTE 4</p>	<p>Q.A.</p>	<p>COMMENTS:</p>	
<p>DO NOT SCALE DRAWING</p>	<p>SIZE</p> <p>B</p>	<p>5013155</p>	<p>REV</p> <p>A</p>	<p>SCALE: 10:1</p>
				<p>WEIGHT: N/A</p>
				<p>SHEET 1 OF 1</p>

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	8/12/2008	J. HERSHBERGER



- NOTES:
1. FINISH $\sqrt{3.2}$ EXCEPT AS NOTED.
 2. BREAK EDGES 0.076 + 0.305 UNLESS OTHERWISE SPECIFIED.
 3. MATERIAL: STEEL, CARBON; SAE 1117, 1118; ASTM A108.
 4. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
 5. OMITTED.
 6. ASME Y14.5M-1994 APPLIES.

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED	NAME	DATE
DIMENSIONS ARE IN MM/(INCHES)	DRAWN	SWEET 07/23/07
ALL THREAD DIM ARE IN INCHES	CHECKED	
TOLERANCES:	ENG APPR.	
FRACTIONAL ±NA	MFG APPR.	
ANGULAR: MACH ±0.5° BEND	D.A.	
TWO PLACE DECIMAL ±0.25	COMMENTS:	
THREE PLACE DECIMAL ±0.127		
INTERPRET GEOMETRIC TOLERANCING PER:		
MATERIAL		
SEE NOTE 3		
FINISH		
SEE NOTES 1 AND 4		
DO NOT SCALE DRAWING		

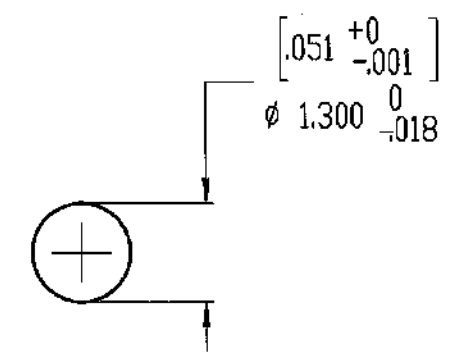
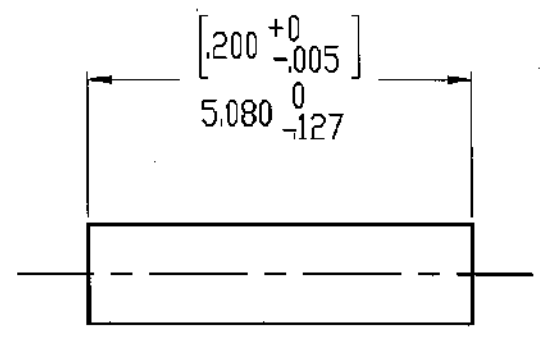
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 Provisionally Approved
 24 AUG 2021
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 For Grade (A1)

OHIO ORDNANCE WORKS, INC.		
WINDAGE SCREW, REAR SIGHT, 00W50BMG		
SIZE B	5013160	REV A
SCALE: 4:1	WEIGHT:	SHEET 1 OF 1

NOTES:

1. OMITTED.
2. MATERIAL: CARBON STEEL BARS, ASTM A576, GRADES 1080 THRU 1095 OR TOOL STEEL, ASTM A686: CLASS W1-8 THRU 9, GRADE C.
3. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
4. FINISH $\sqrt{32}$ ALL OVER.
5. BREAK EDGES 0.076 + 0.127 UNLESS OTHERWISE SPECIFIED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	12/11/2012	BAM
	B	UPDATED DRAWING	3/29/2016	G. HERSHBERGER



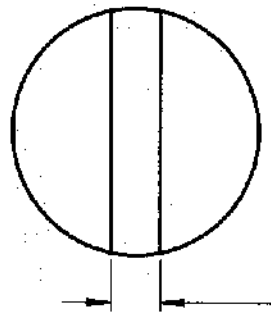
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	<p>INTERPRET GEOMETRIC TOLERANCING PER:</p> <p>MATERIAL</p>	<p>DRAWN</p> <p>CHECKED</p> <p>ENG APPR.</p> <p>MFG APPR.</p> <p>QA.</p> <p>COMMENTS:</p>	<p>PMD</p> <p>03/08/16</p>	<p>PIN, STRAIGHT, HEADLESS, 00W50BMG</p>
	<p>FINISH</p> <p>DO NOT SCALE DRAWING</p>			<p>SIZE B</p> <p>5013162</p> <p>REV B</p>
				<p>SCALE: 10:1</p> <p>WEIGHT:</p> <p>SHEET 1 OF 1</p>

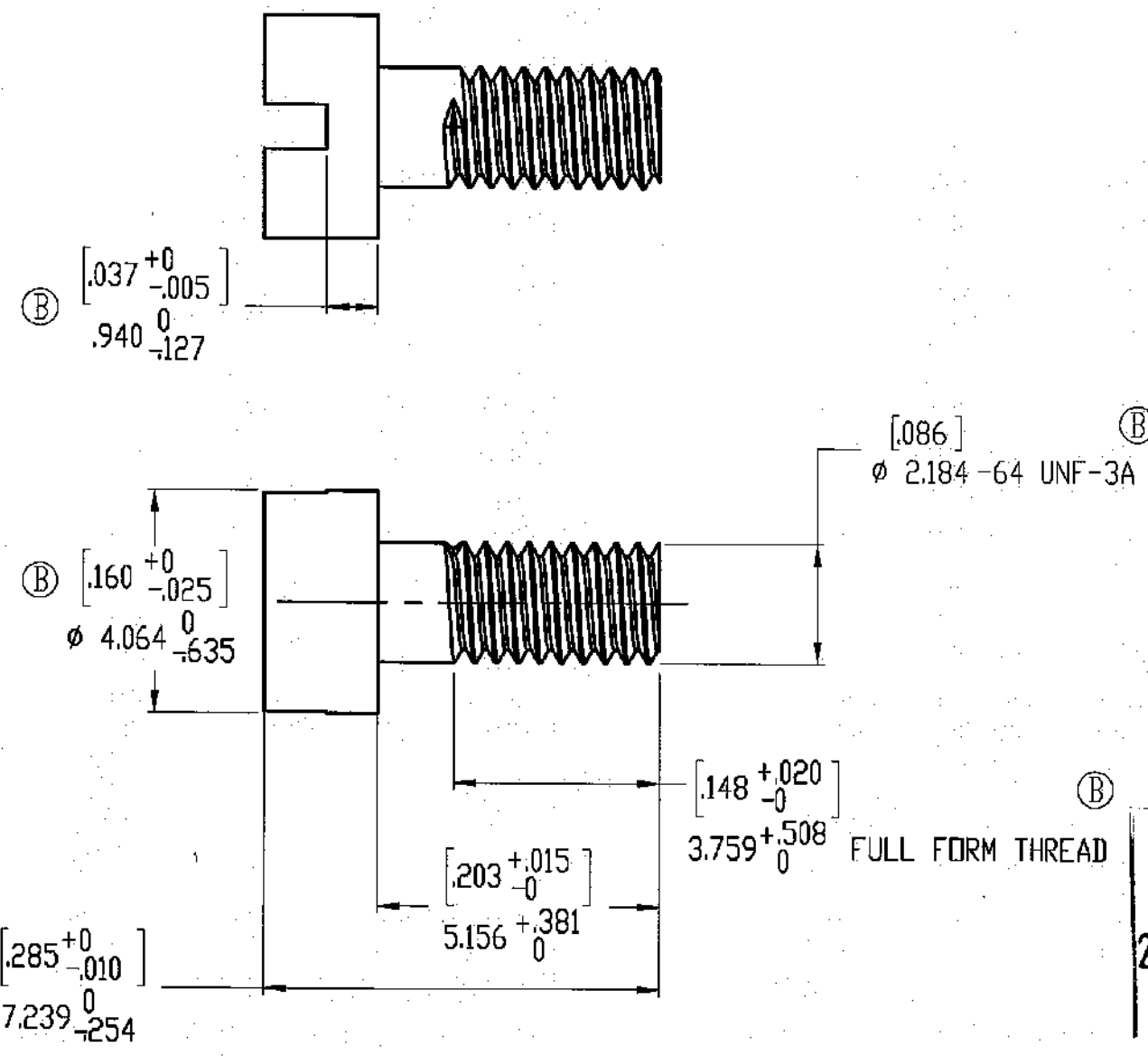
NOTES:

1. APPLICABLE SPECS/STANDARDS:
1. ASME Y14.5M-1994
2. MATERIAL: CARBON STEEL BARS, ASTM A108, GRADES 1018, 1020, 1117, 1118.
3. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
4. FINISH $\sqrt{32}$ ALL OVER.
5. BREAK EDGES 0.076 + 0.305/-0.00 UNLESS OTHERWISE SPECIFIED.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATED DRAWING	4/22/2013	BAM
	B	UPDATED DIMENSIONS TO LATEST G.I. DRAWING	3/30/2016	G. HERSHBERGER



$[.032^{+.015}_0]$
 $.813^{+.381}_0$



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	INTERPRET GEOMETRIC TOLERANCING PER:	DRAWN:	CHECKED:	SCREW, WINDAGE SCALE, REAR SIGHT, 00W50BMG
	MATERIAL: AISI 1018	ENG APPR:	MFG APPR:	
	FINISH: PHOSPHATE	COMMENTS:	Q.A.:	REV: B
DO NOT SCALE DRAWING	SCALE: 8:1	WEIGHT: N/A	SHEET 1 OF 1	

M1502

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/30/2016	G. HERSHBERGER

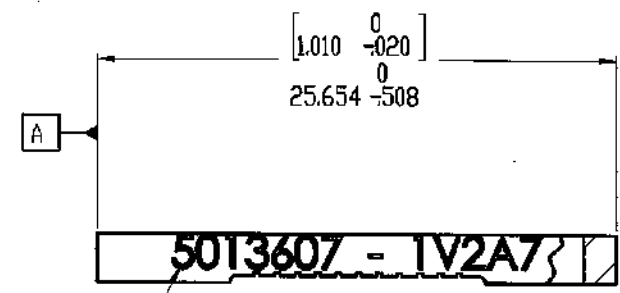
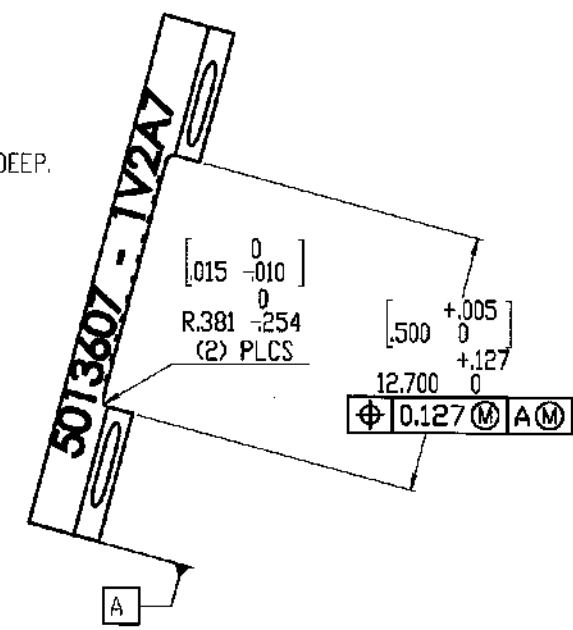
NOTES:

1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: STEEL, CARBON; ASTM A109.
3. FINAL PROTECTIVE FINISH:
FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
4. FINISH $\sqrt{32}$ ALL OVER.
5. BREAK EDGES 0.076 + 0.127 UNLESS OTHERWISE SPECIFIED.
6. GRADUATIONS SHALL BE 0.254 - 0.127 WIDE AND 0.127 + 0.127 DEEP. DIMENSIONS FOR SPACING APPLY TO THEORETICAL CENTERS OF GRADUATIONS. NUMBERS SHALL BE 1.778 + 0.254 HIGH AND 0.127 + 0.127 DEEP.
7. INSCRIBE PART NUMBER 5013607 AND PRIME CONTRACTOR'S CAGE CODE IDENTIFICATION 1.575 ± 0.381 HIGH X 0.127 + 0.381 DEEP.
8. ALTERNATIVE DESIGN WITH NO 15° ANGULAR SURFACE IS ALLOWABLE. ALL OTHER DIMENSIONS STILL APPLY.

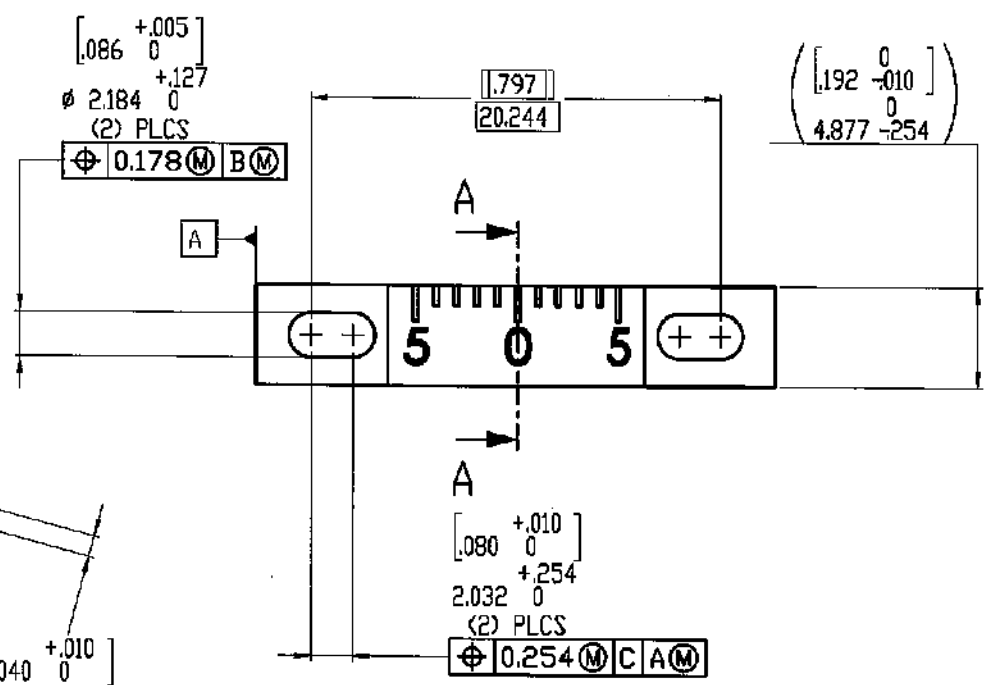
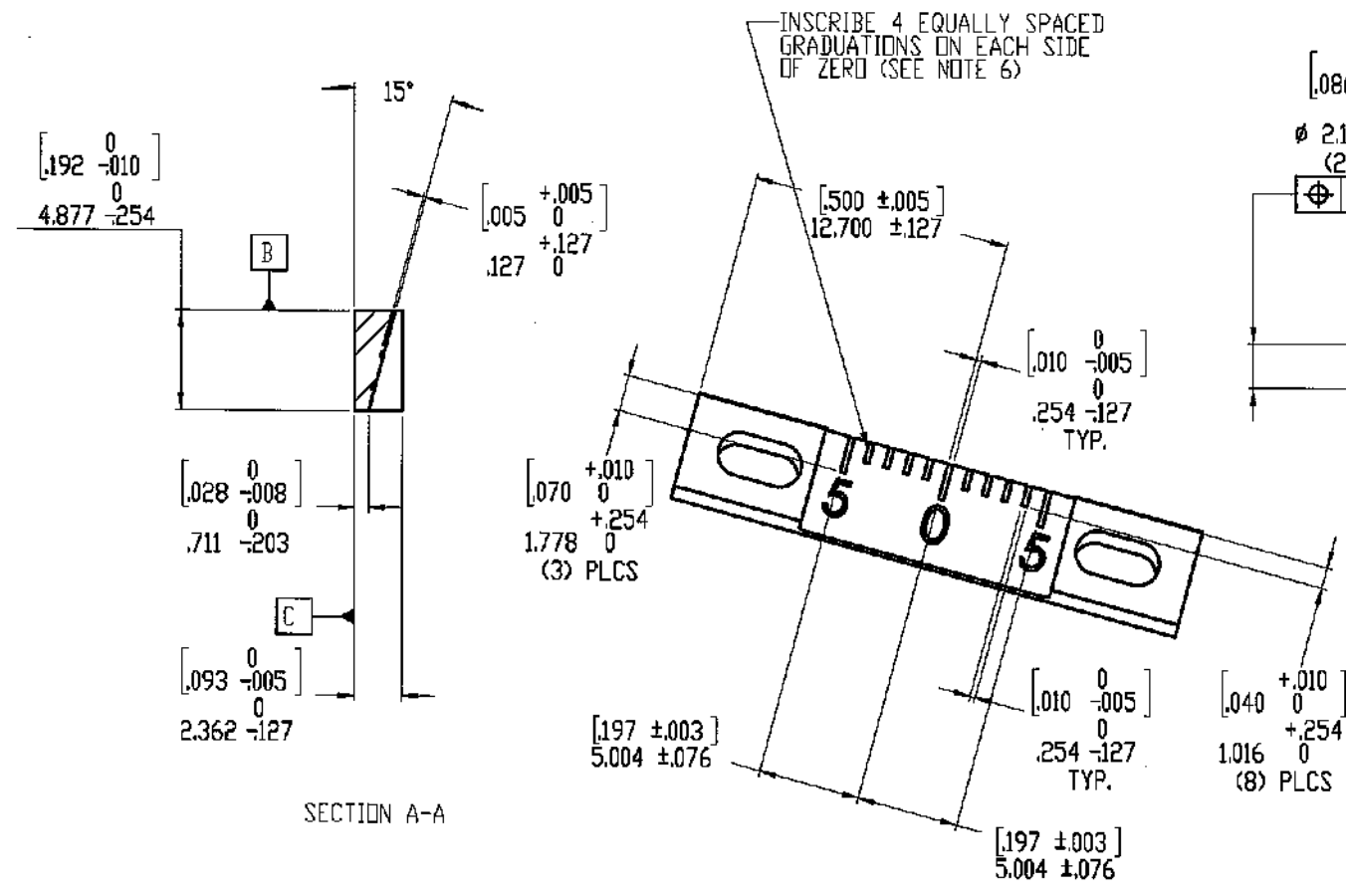
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24 AUG 2021

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SEE NOTE 7



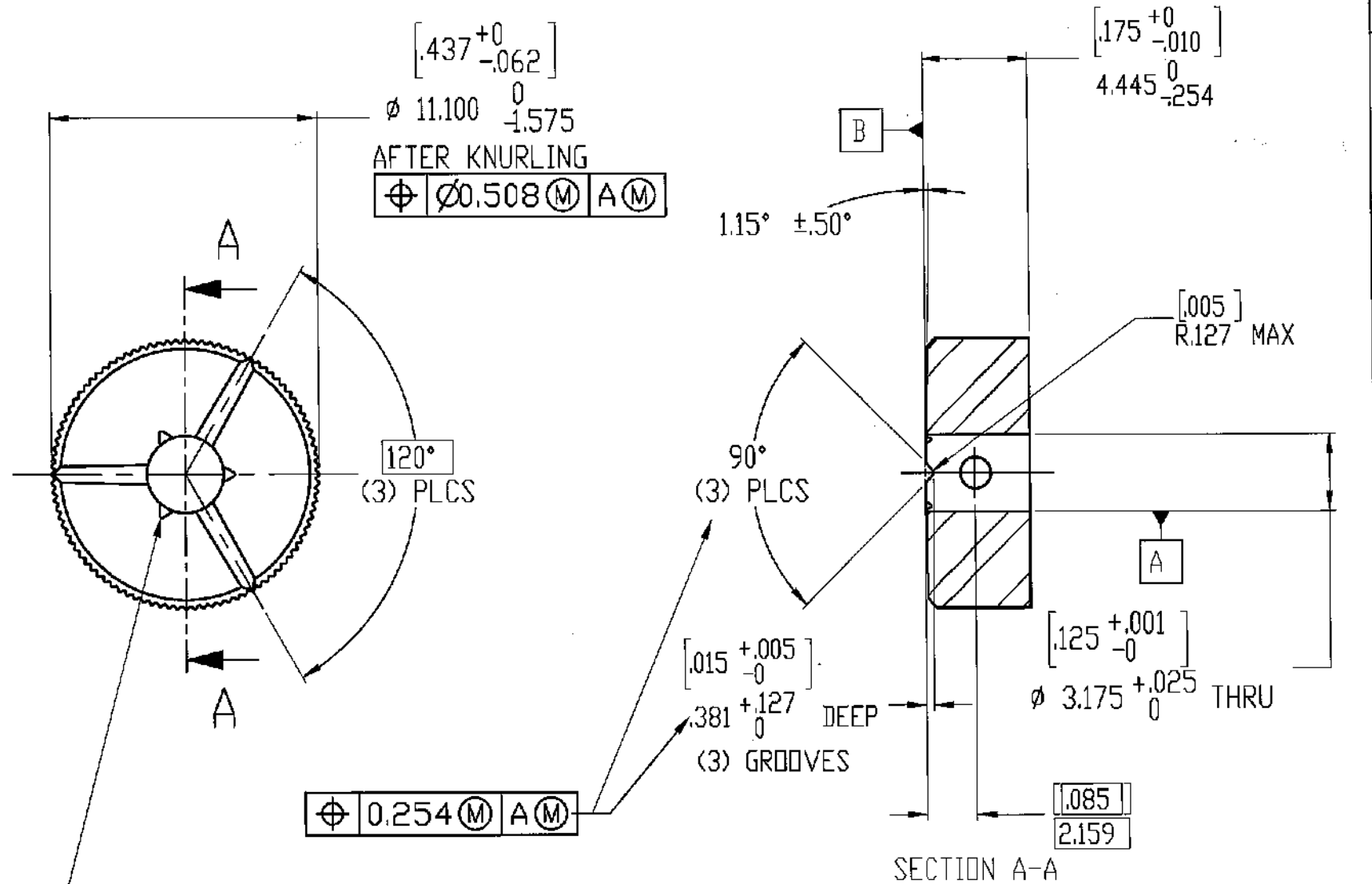
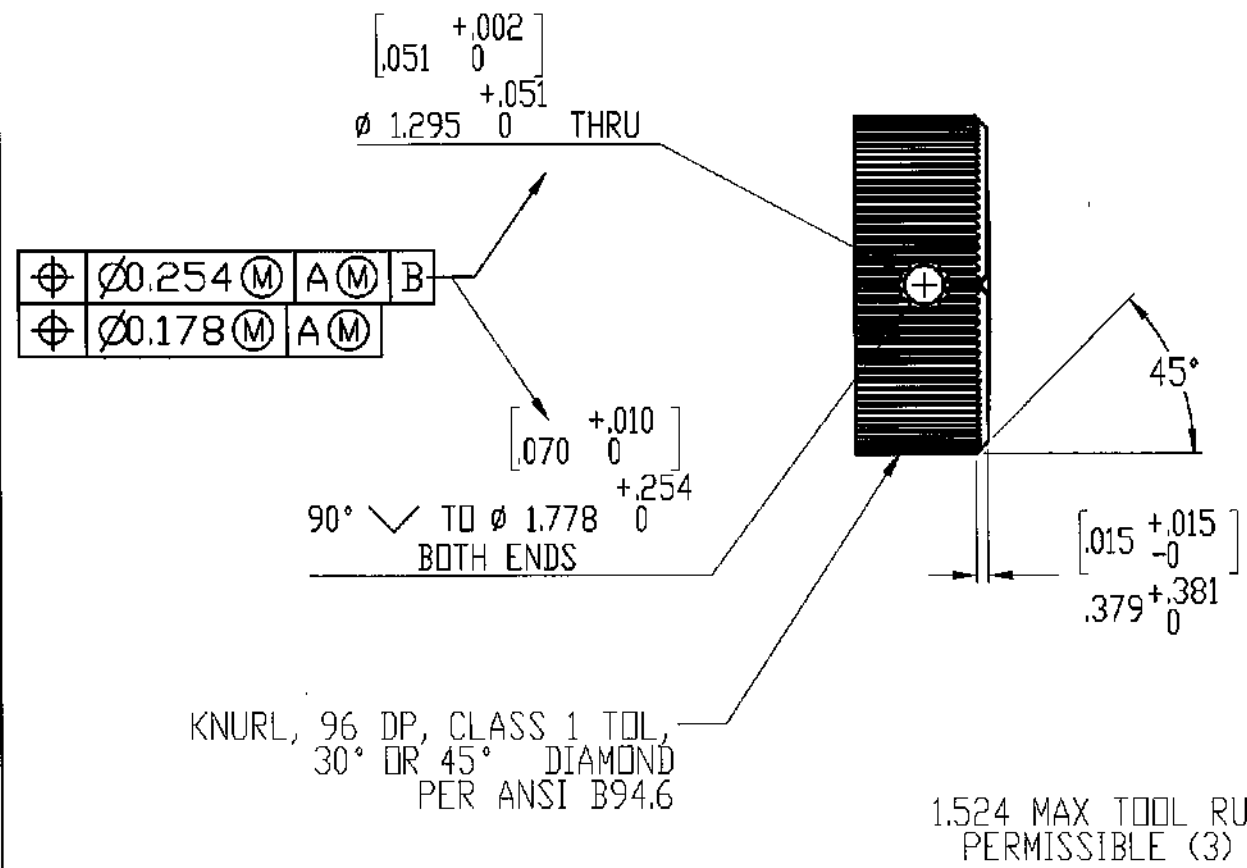
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	INTERPRET GEOMETRIC TOLERANCING PER MATERIAL FINISH	DRAWN	03/08/16		
	DO NOT SCALE DRAWING	CHECKED			
		ENG APPR.			

PROVISIONALLY APPROVED
 24 AUG 2021
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 For (mdo) (AP#)

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/30/2016	G. HERSHBERGER

NOTES:

- APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
- MATERIAL: CARBON STEEL BARS, ASTM A108, GRADES 1117, 1118.
- HEAT TREATMENT: CARBURIZE TO A CASE DEPTH OF 0.203 TO 0.305 IAW AMS 2759/7. AUSTENITIZE IF NECESSARY, OIL QUENCH AND TEMPER. AFTER TEMPERING THE CARBURIZED SURFACE HARDNESS SHALL BE HR15N 90 MINIMUM.
- FINAL PROTECTIVE FINISH:
FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
- FINISH $3.2/\sqrt{\text{ALL OVER}}$.
- BREAK EDGES $0.076 + 0.305$ UNLESS OTHERWISE SPECIFIED.



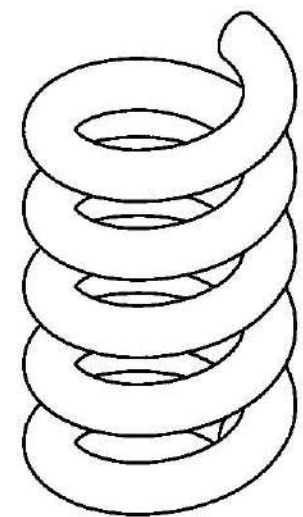
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	DIMENSIONS ARE IN MM/(INCHES)	DRAWN	PMD		03/06/16
	ALL THREAD DIM. ARE IN INCHES	CHECKED			
	TOLERANCES:	ENG APPR.			
FRACTIONAL	MFG APPR.			<p>KNOB, REAR SIGHT ELEVATING SCREW, 00W50BMG</p>	
ANGULAR: MACH #1 BEND	Q.A.				
TWO PLACE DECIMAL ± 0.25	COMMENTS:			<p>SIZE B</p> <p>5013610</p> <p>REV A</p>	
THREE PLACE DECIMAL ± 0.127				<p>SCALE: 4:1</p> <p>WEIGHT:</p> <p>SHEET 1 OF 1</p>	
INTERPRET GEOMETRIC TOLERANCING PER:					
MATERIAL					
FINISH					
DO NOT SCALE DRAWING					

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATED DRAWING	7/31/2012	BAM

NOTES:

1. OMITTED.
2. MATERIAL: WIRE, MUSIC, ASTM A228.
3. STRESS RELIEVE AT 224° ±5°C FOR 30 MINUTES AFTER FORMING.
4. PROTECTIVE FINISH: FINISH 5.3.1.3 +30.7 OR 5.3.2.3 +30.7 OF MIL-STD-171.
5. DO NOT COMPRESS SOLID. NOTE 8 APPLIES.
6. HOLE DIA. INTO WHICH SPRING FITS FREELY 1.930 MIN
7. ROD DIA. OVER WHICH SPRING SLIDES FREELY 0.965 MAX
8. MANUFACTURE IN ACCORDANCE WITH SAE A93572, TYPE 1, GRADE B, EXCEPT THAT PARA. 4.4.4.1 (PROCEDURE FOR REMOVING SET) SHALL NOT APPLY. PARA 4.4.4 (LOAD TEST) SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED TO A HEIGHT OF 2.134 FIVE (5) TIMES.

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 24 AUG 2021
 For Grade (API)



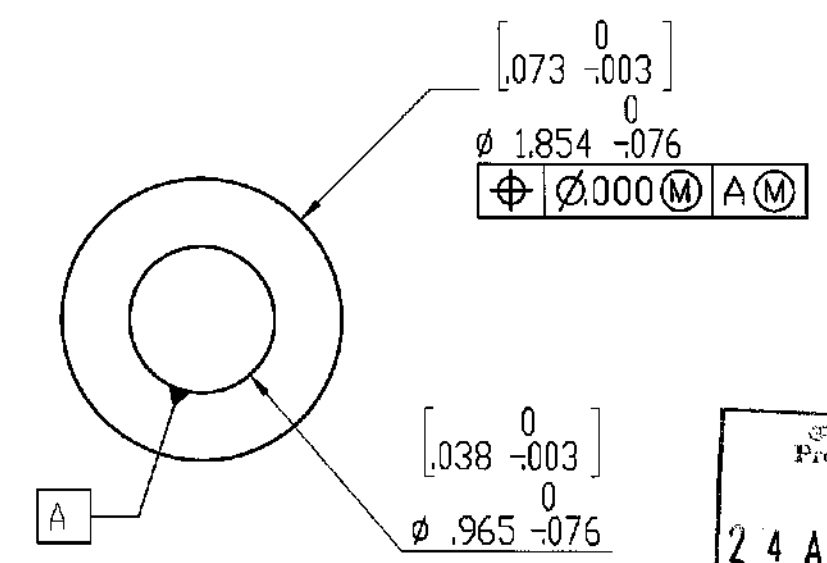
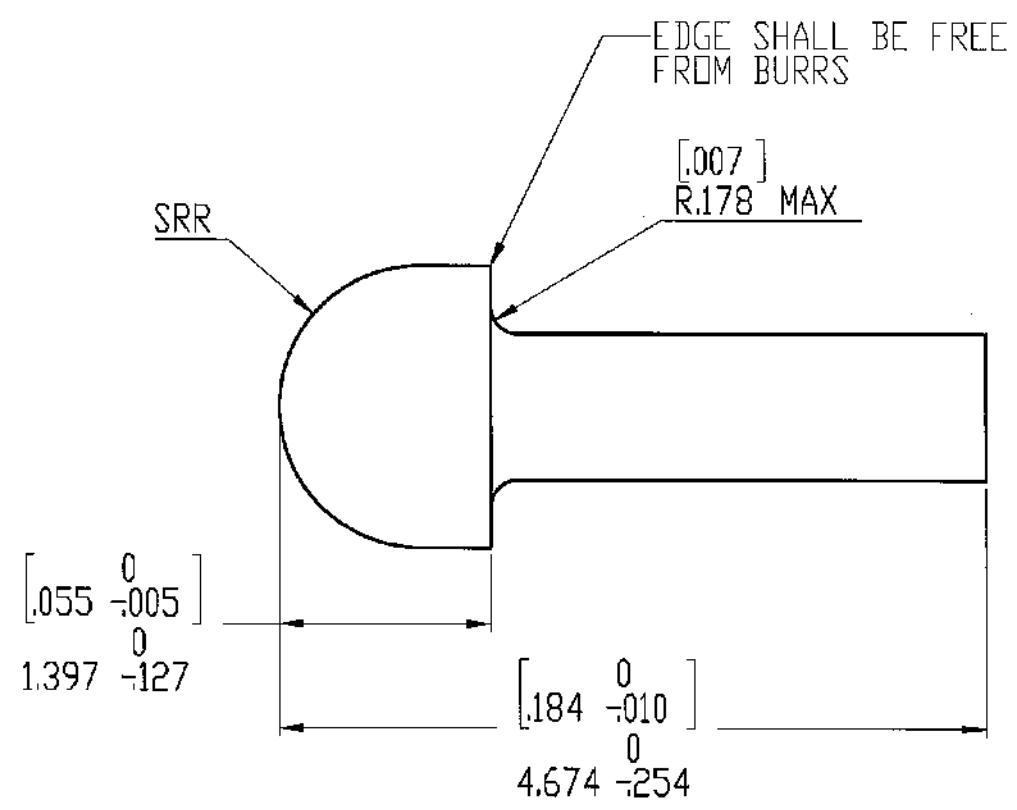
WIRE DIAMETER	0.343 ± 0.007
COIL DIAMETER (O.D.)	1.803 ± 0.076
FREE LENGTH	3.505 REF
TOTAL COILS	5 REF
DIRECTION OF HELIX	OPTIONAL
LOAD AT COMPRESSED LENGTH OF 2.692	0.907 Kg ± 0.09 Kg
LOAD AT COMPRESSED LENGTH OF 2.413	1.211 Kg ± 0.122 Kg
SPRING RATE	1.107 Kg/mm REF
SOLID LENGTH	2.134 MAX
TYPE OF ENDS	OPEN ENDS NOT GROUND

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	INTERPRET GEOMETRIC TOLERANCING PER:	DRAWN: BAM CHECKED: ENG APPR: MFG APPR: D.A. COMMENTS:	SPRING, HELICAL COMPRESSION, 00W50BMG	
	MATERIAL: SEE NOTE 2 FINISH: SEE NOTE 4	DO NOT SCALE DRAWING	SIZE: B PART NO: 5163397 SCALE: 20:1 WEIGHT: N/A	REV: A SHEET 1 OF 1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATED DRAWING	7/31/2012	BAM
	B	ELIMINATED HEAT TREATMENT AND CHANGED FINAL PROTECTIVE FINISH.	3/2/2016	G. HERSHBERGER

NOTES:

1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: CARBON STEEL BAR, ASTM A108, GRADES 1018 THRU 1022, 1117, OR 1118.
3. FINAL PROTECTIVE FINISH: FERRITIC NITROCARBURIZING PER AMS2753C.
4. FINISH $\sqrt{3.2}$ ALL OVER.



अनुमति पर से प्रमाणित
Provisionally Approved

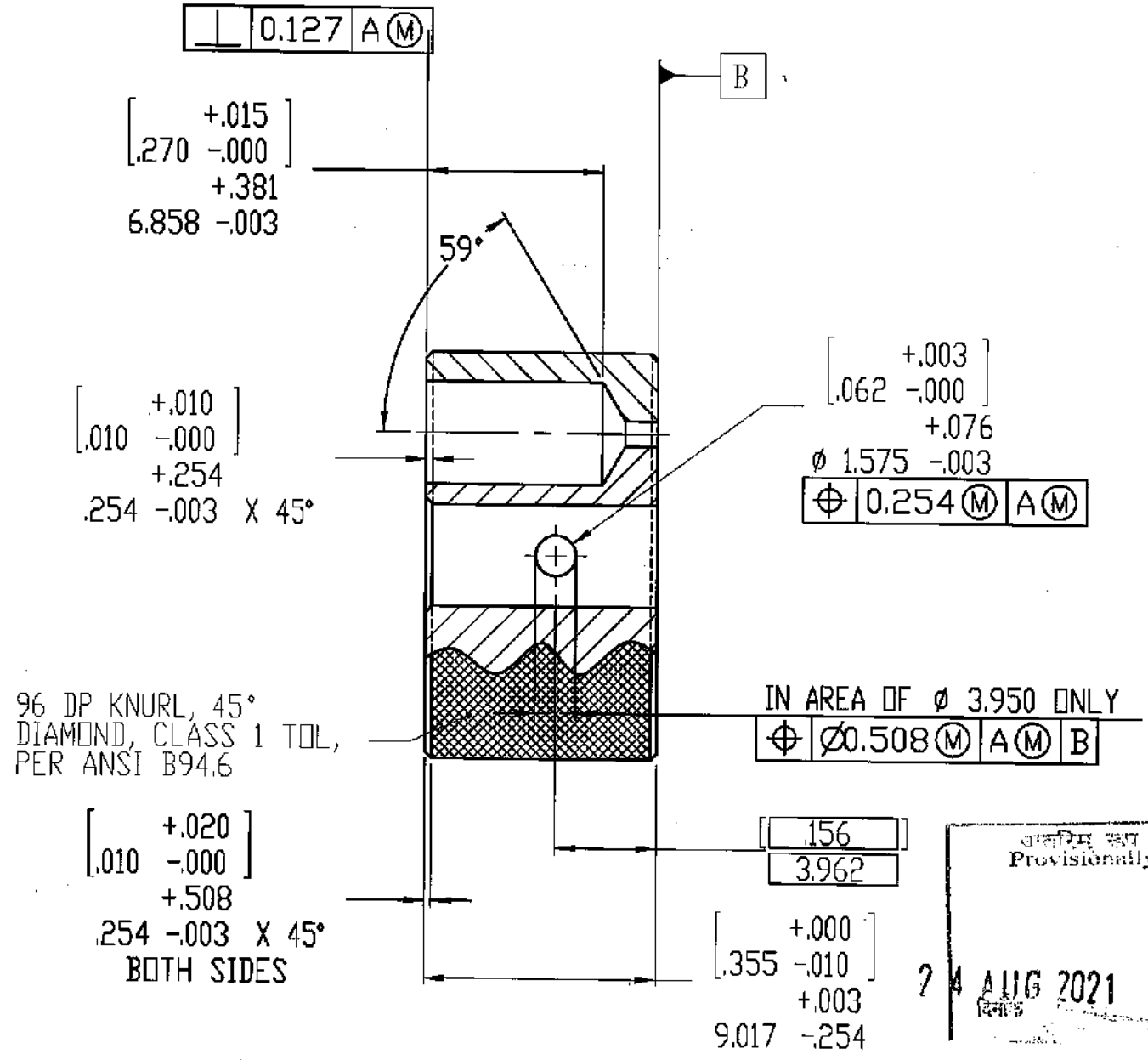
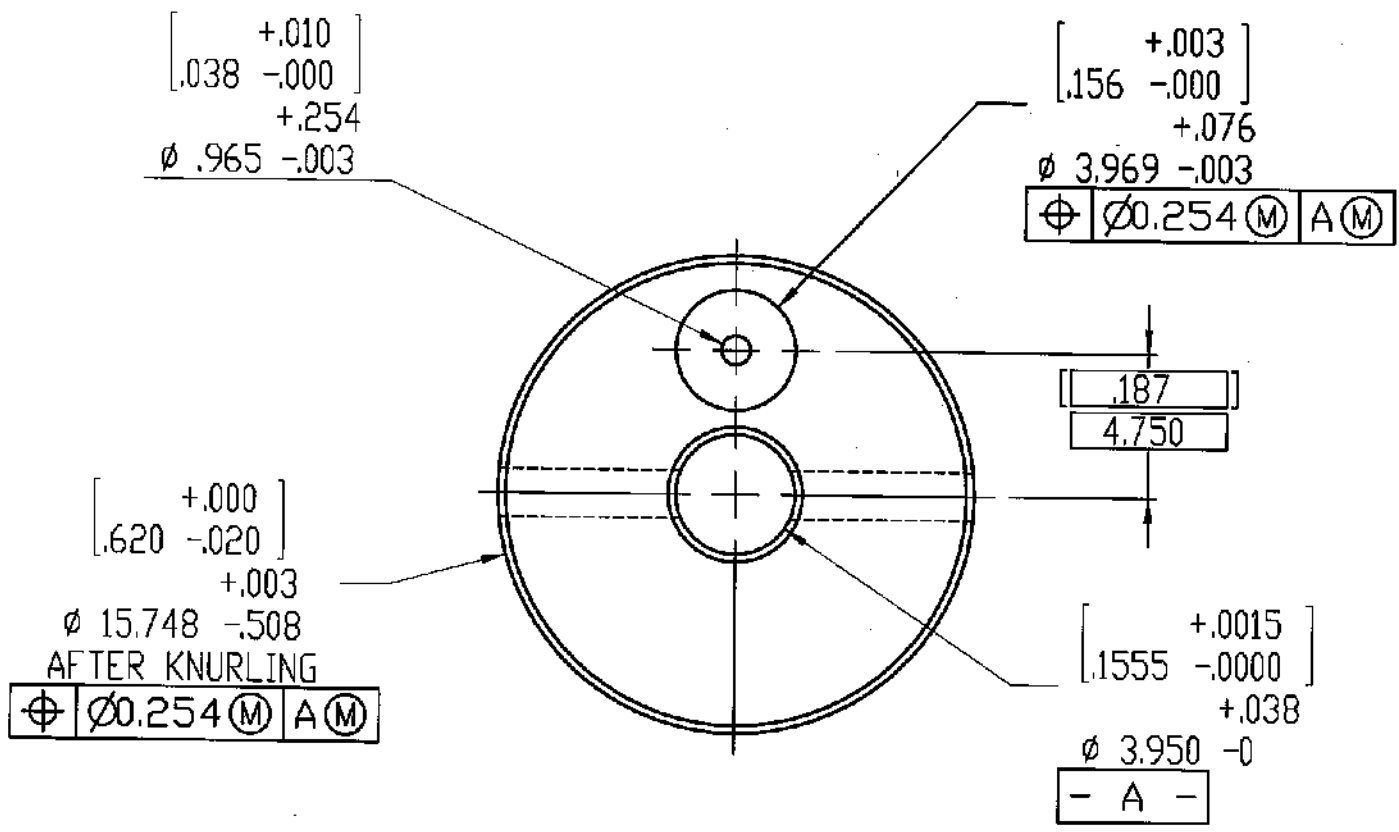
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Fortude (API)

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	DIMENSIONS ARE IN MM/(INCHES) ALL THREAD DIM. ARE IN INCHES	DRAWN	BAM		7-31-12
	TOLERANCES: FRACTIONAL ±0.015 ANGULAR: MACH ±30° BEND ±30° TWO PLACE DECIMAL ±0.127 THREE PLACE DECIMAL ±0.076	CHECKED			
	INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.			
MATERIAL	SEE NOTE 2	MFG APPR.		REV B	
FINISH	SEE NOTE 3	Q.A.			
DO NOT SCALE DRAWING	COMMENTS:				

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	8/12/2008	J. HERSHBERGER
	B	CHANGED GEOMETRIC TOLERANCES TO CORRECT FORMAT	3/7/2012	BAM

D
C
B
A



- NOTES:
1. FINISH $\sqrt{32}$ ALL OVER.
 2. BREAK EDGES 0.076 + 0.305 UNLESS OTHERWISE SPECIFIED.
 3. MATERIAL: STEEL, CARBON; SAE 1018 THRU 1022, 1117, 1118; ASTM A108 - COLD DRAWN.
 4. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
 5. OMITTED.
 6. ASME Y14.5M-1994 APPLIES.

Provisionally Approved
 24 AUG 2021
 Sig
 For Code (M)

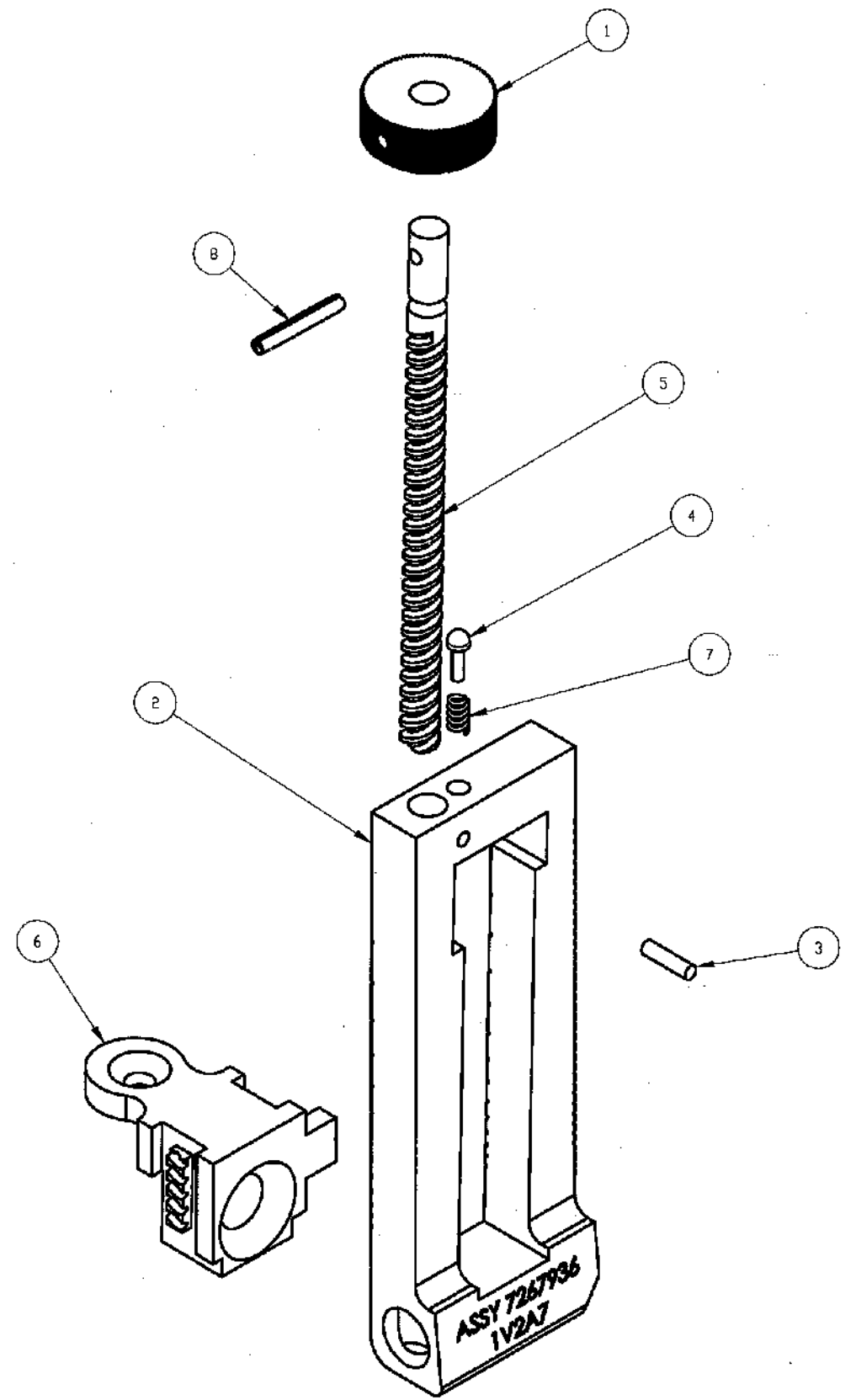
PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OHIO ORDNANCE WORKS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OHIO ORDNANCE WORKS, INC. IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM/(INCHES) ALL THREAD DIM. ARE IN INCHES TOLERANCES: FRACTIONAL ANGULAR: MACH $\pm 1^\circ$ BEND TWO PLACE DECIMAL ± 0.25 THREE PLACE DECIMAL ± 0.127	NAME SWEET	DATE 07/23/07
INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED	
MATERIAL SEE NOTE 3	ENG APPR.	
FINISH SEE NOTES 1 AND 4	MFG APPR.	
DO NOT SCALE DRAWING	Q.A.	
	COMMENTS:	

OHIO ORDNANCE WORKS, INC.		
KNOB, REAR SIGHT WINDAGE SCREW, 00W50BMG		
SIZE B	6008809	REV B
SCALE: 4:1	WEIGHT:	SHEET 1 OF 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	M-1531 KNOB, REAR SIGHT ELEVATING SCREW (5013610)	KNOB, REAR SIGHT ELEVATING SCREW, DDW50BMG	1
2	M-1532 LEAF, REAR SIGHT (12003249)	LEAF, REAR SIGHT, DDW50BMG	1
3	M-1533 PIN, STRAIGHT, HEADLESS (5013162)	PIN, STRAIGHT, HEADLESS, DDW50BMG	1
4	M-1534 PLUNGER, CLICK, ELEVATING SCREW KNOB (5163398)	PLUNGER, CLICK, ELEVATING SCREW KNOB, DDW50BMG	1
5	M-1535 SCREW, ELEVATING REAR SIGHT (6008973)	SCREW, ELEVATING, REAR SIGHT, DDW50BMG	1
6	M-1536 SLIDE, REAR SIGHT (12003250)	SLIDE, REAR SIGHT, DDW50BMG	1
7	M-1537 SPRING, HELICAL COMPRESSION (5163397)	SPRING, HELICAL COMPRESSION, DDW50BMG	1
8	MSS1923-142	PIN, COILED SPRING, DDW50BMG	1

REVISIONS				
REV.	REV.	DESCRIPTION	DATE	APPROVED
A		CREATE DRAWING	4/5/2016	G. HORNBERGER



NOTES:
 1. OMITTED.
 2. FINGER PRESSURE ONLY SHALL OPERATE ASSEMBLY FOR FULL TRAVEL RANGE. OPERATION MAY BE ACHIEVED BY FORCED FITTING OR WIPING TO REMOVE FRIABLE PORTION OF COATING. (DO NOT USE WIRE BRUSH)

Provisionally Approved
 24 AUG 2021
 दिनांक
 For Code (AP1)

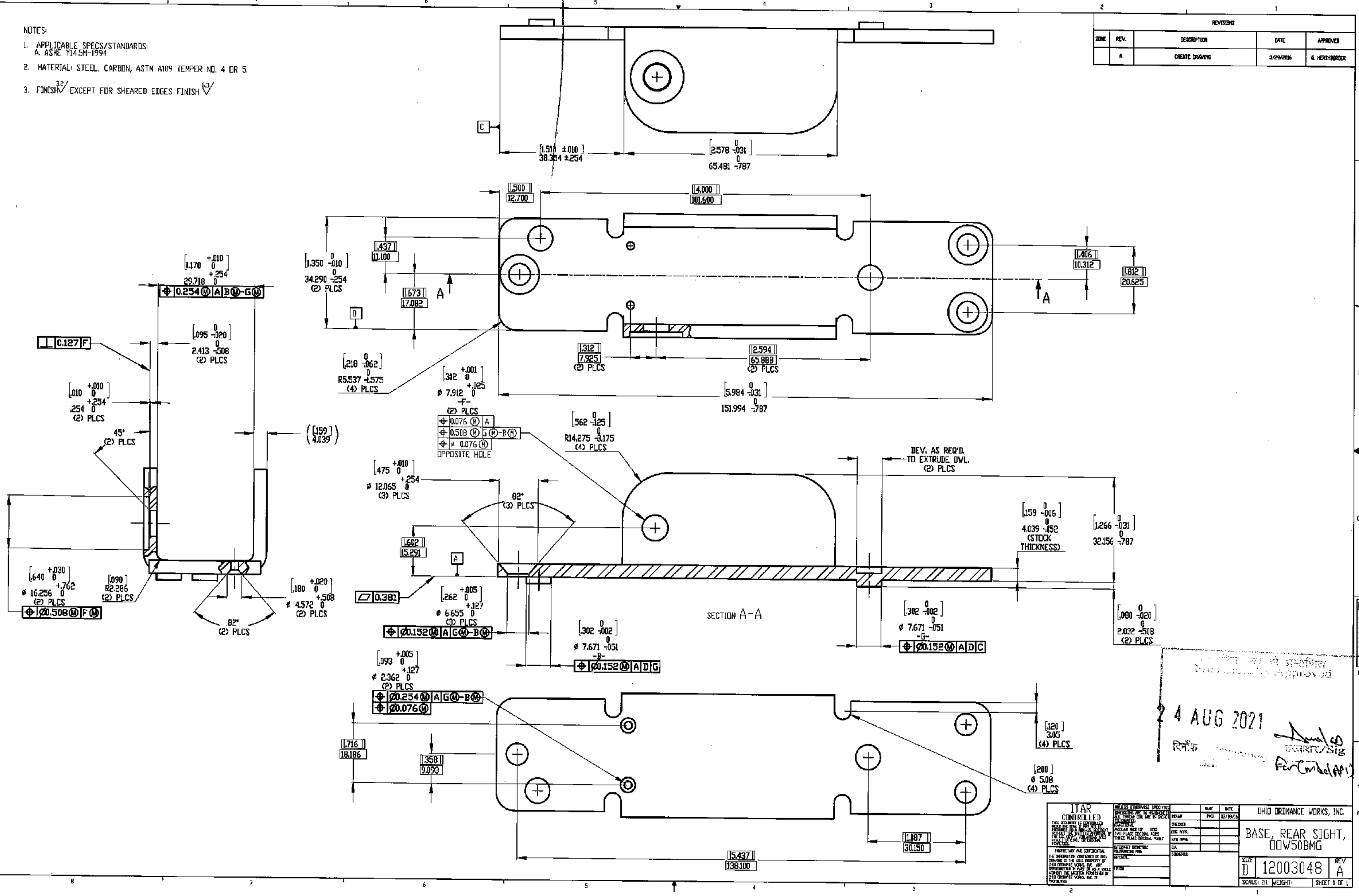
ITAR CONTROLLED THIS PRODUCT IS CONTROLLED UNDER THE ITAR EAR AND EARL ECA REGULATIONS. IT IS SUBJECT TO EXPORT CONTROLS. IT IS NOT TO BE EXPORTED, RE-EXPORTED, TRANSFERRED, OR DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF THE U.S. GOVERNMENT.	(UNLESS OTHERWISE SPECIFIED)	DATE: 03/18/16	TITLE:	OHIO ORDNANCE WORKS, INC.
	DRAWN:	CHECKED:	DATE:	LEAF ASSEMBLY, REAR SIGHT, DDW50BMG
APPROVED:	DATE:	TITLE:	SIZE: D	WEIGHT:
PART NUMBER:	QUANTITY:	DRAWING NUMBER:	SCALE: 4X	SHEET 1 OF 2

D 7267936

4 15 21

- NOTES:
1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
 2. MATERIAL: STEEL, CARBON, ASTM A109 TEMPER NO. 4 OR 5.
 3. FINISH ³² EXCEPT FOR SHEARED EDGES FINISH ⁶³

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/29/2016	G. HERSHBERGER



4 AUG 2021

[Signature]
 Engineer/Sig
 For Control

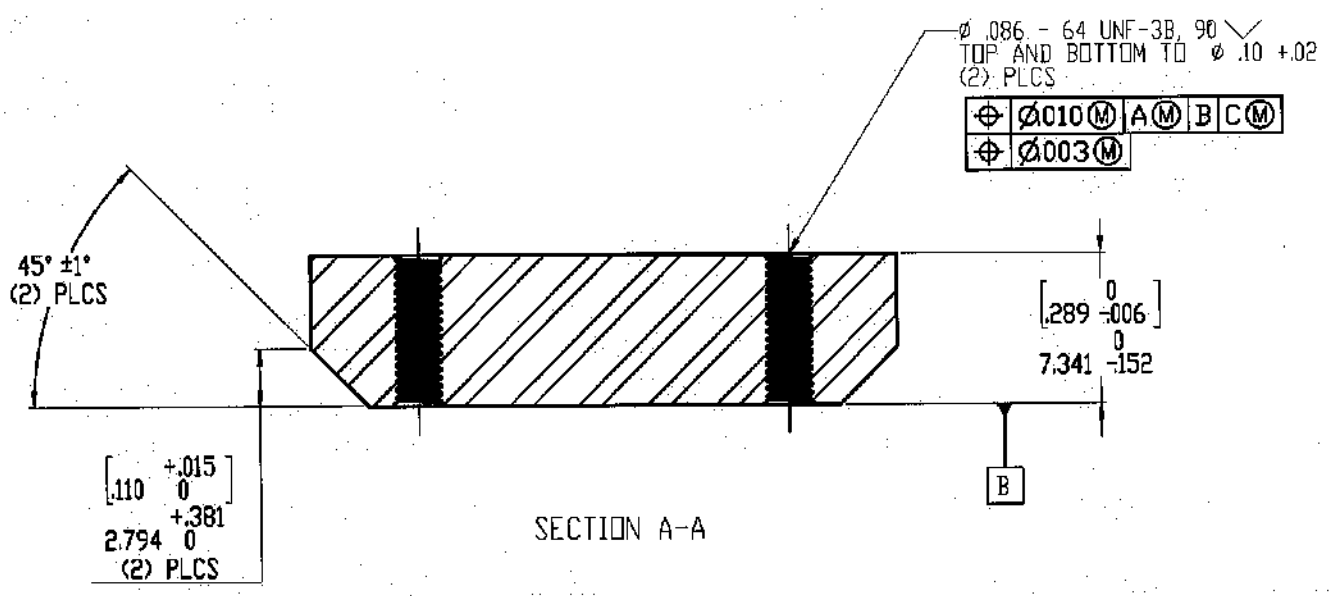
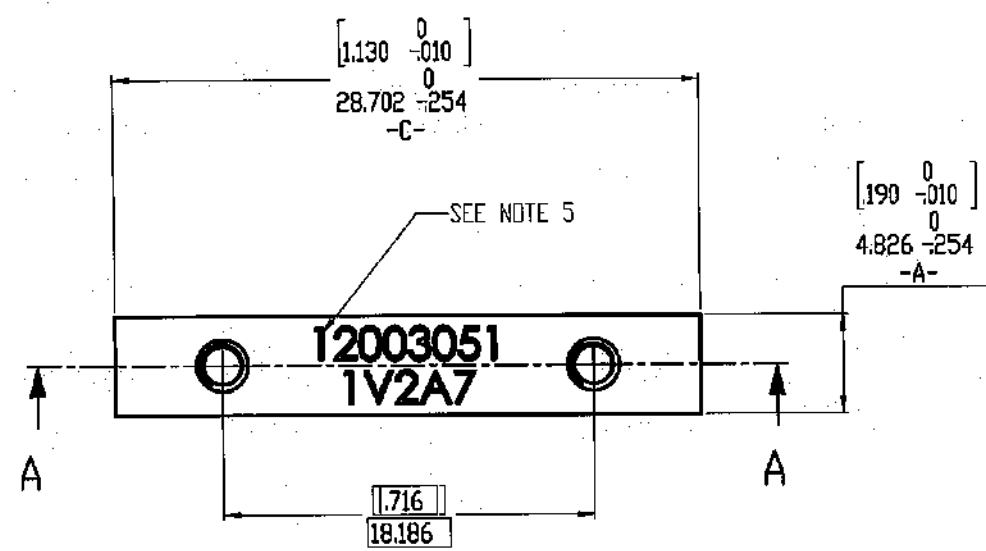
ITAR CONTROLLED <small>THIS DRAWING IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. ALL RIGHTS ARE RESERVED. UNCLASSIFIED INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. THIS DRAWING IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. UNCLASSIFIED INFORMATION IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE.</small>	DATE: 03/29/16 BY: G.H.	DATE: 08/04/21 BY: [Signature]	OHIO ORDNANCE WORKS, INC. BASE, REAR SIGHT, 00W50BMG
	SIZE: D SCALE: 2:1 WEIGHT:	PART NO: 12003048 REV: A	SHEET 1 OF 1

M1501

NOTES:

1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: CARBON STEEL BARS, ASTM A108, GRADES 1018-1040.
3. FINAL PROTECTIVE FINISH:
FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
4. FINISH ³² ALL OVER.
5. INSCRIBE PART NUMBER 12003051 AND PRIME CONTRACTOR'S CAGE CODE IDENTIFICATION 1.575 ± 0.381 HIGH X 0.127 ± 0.381 DEEP.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/30/2016	G. HERSHBERGER
	B	ADDED MISSING TOLERANCE TO 45° ANGLE, REDEFINED DATUM A AND DATUM C FEATURE POSITIONS	7/5/2018	T. HARDMAN



⊕	∅010	M	A	M	B	C	M
⊕	∅003	M					

24 AUG 2021
 2021/08/24
 For Code (AP)

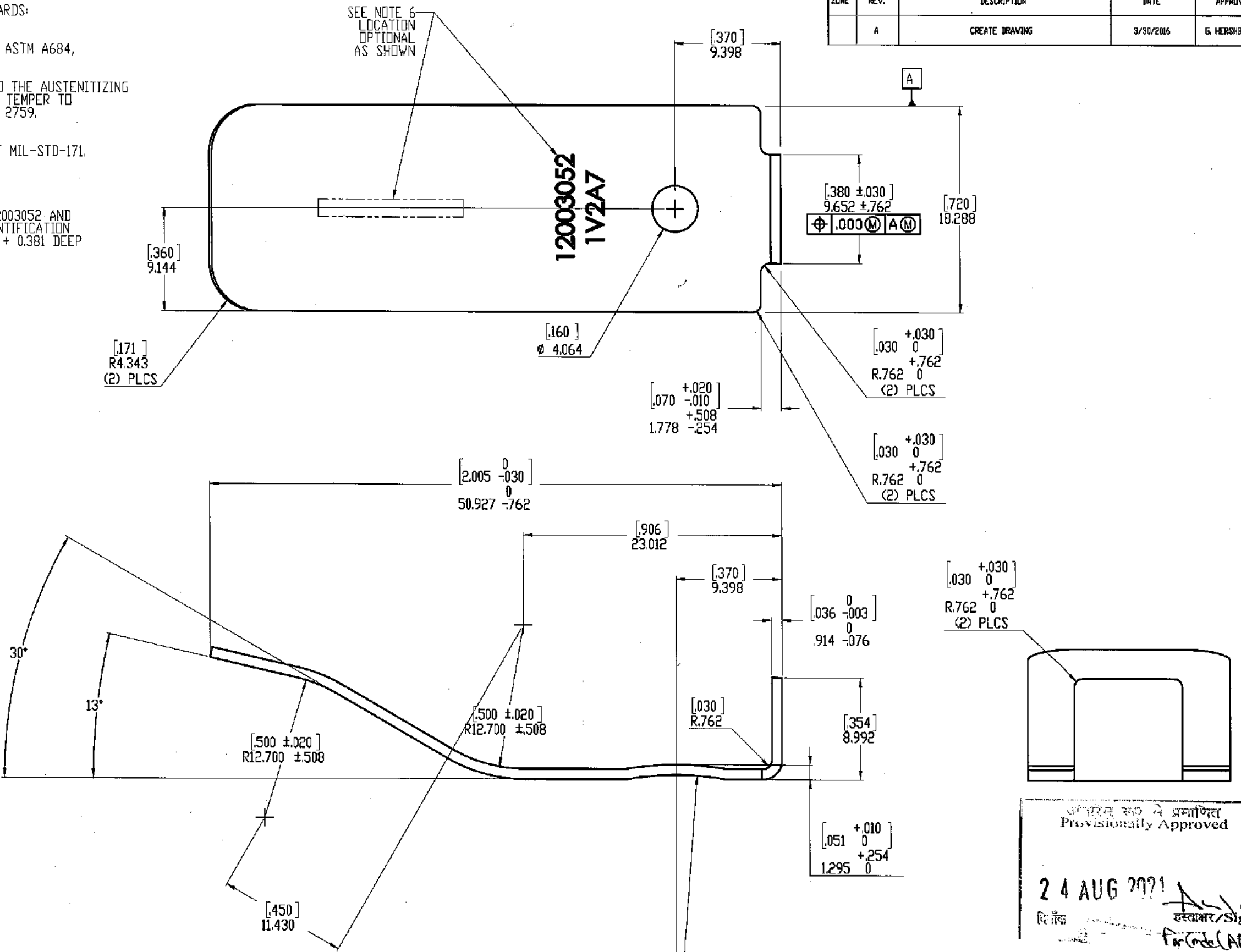
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	INTERPRET GEOMETRIC TOLERANCING PER:	FINISH	CHECKED ENG APPR. MFG APPR. QA	COMMENTS	SIZE C
	DO NOT SCALE DRAWING	SCALE: 4:1	WEIGHT:	SHEET 1 OF 1	REV B

M1504

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/30/2016	G. HERSHBERGER

NOTES:

1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: CARBON STEEL, ASTM A684,
GRADES 1050 TO 1074.
3. HEAT TREATMENT: HEAT TO THE AUSTENITIZING
TEMPERATURE, QUENCH AND TEMPER TO
HR15N 81-84 IAW SAE AMS 2759.
4. PROTECTIVE FINISH:
FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
5. FINISH $\sqrt{32}$ ALL OVER.
6. INSCRIBE PART NUMBER 12003052 AND
MANUFACTURER'S CODE IDENTIFICATION
1.575 ± 0.381 HIGH X 0.127 + 0.381 DEEP
PER MIL-STD-130.



Provisionally Approved
24 AUG 2016
Signature: [Handwritten Signature]
Part Code (AP)

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	DIMENSIONS ARE IN INCHES/ALL THREAD DIA. ARE IN INCHES	DRAWN	PHD		03/28/16
	TOLERANCES:	CHECKED			
	FRACTIONAL	ENG APPR.			
ANGULAR MACH ± BEND 4°	NFG APPR.				
TWO PLACE DECIMAL 30/762	O.A.				
THREE PLACE DECIMAL 40/254	COMMENTS:				
INTERPRET GEOMETRIC TOLERANCING PER MATERIAL					
FINISH					
DD NOT SCALE DRAWING					

1.000 +.250
0 +6.350
R25.400 0

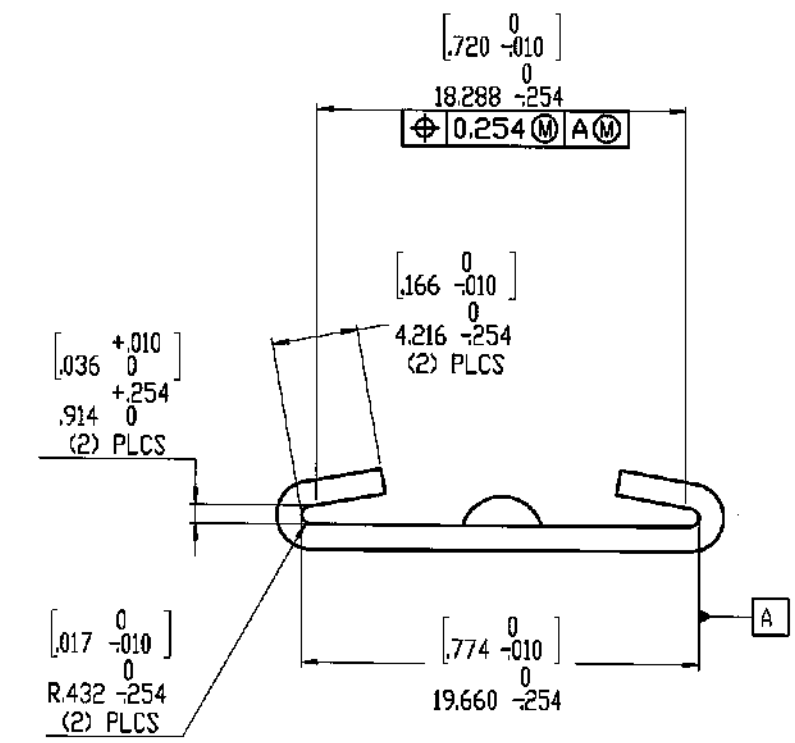
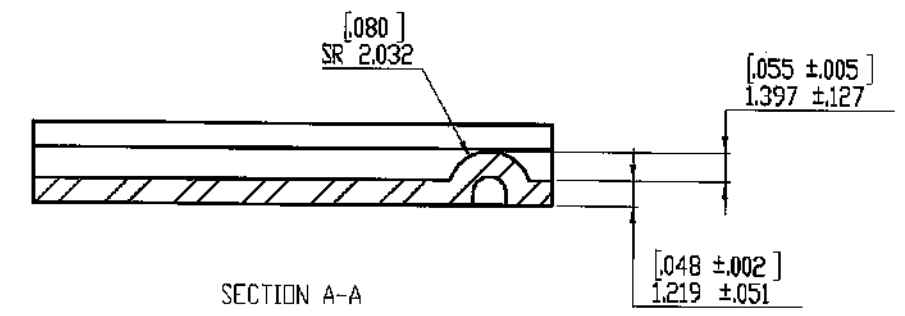
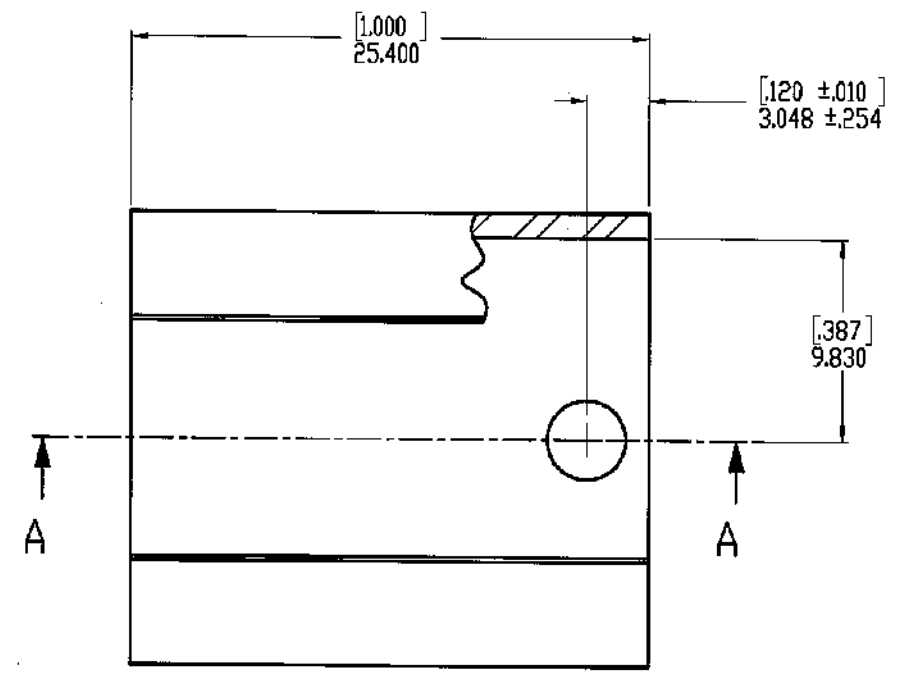
M
1523

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/29/2016	G. HERSHBERGER

NOTES:

1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
2. MATERIAL: CARBON STEEL SHEET OR STRIP, AMS QQ-S-700, GRADES 1040-1050.
3. HEAT TREATMENT: PART MAY BE HEAT TREATED BEFORE ASSEMBLY OR LOCALLY HARDENED AFTER PROVIDED HARDNESS REQUIREMENT SPECIFIED HEREON IS SATISFIED AFTER BRAZING. HARDNESS: ROCKWELL HARDNESS HRC48 MIN.
4. FINISH $\sqrt{32}$ EXCEPT FOR SHEARED EDGES FINISH $\sqrt{6.3}$

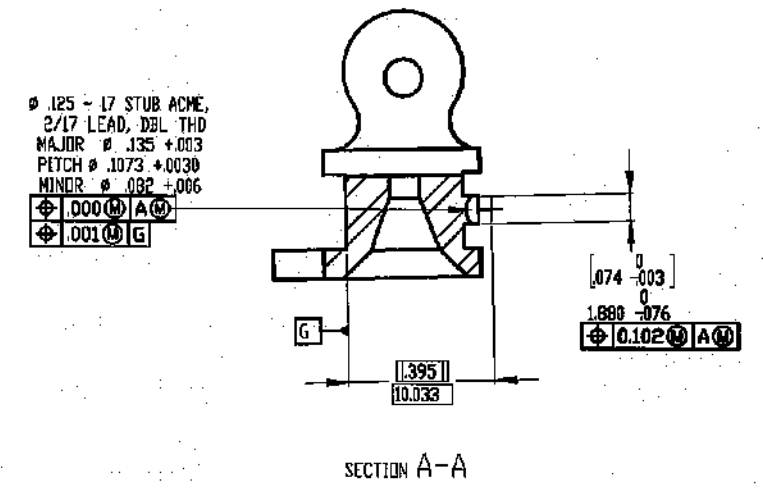
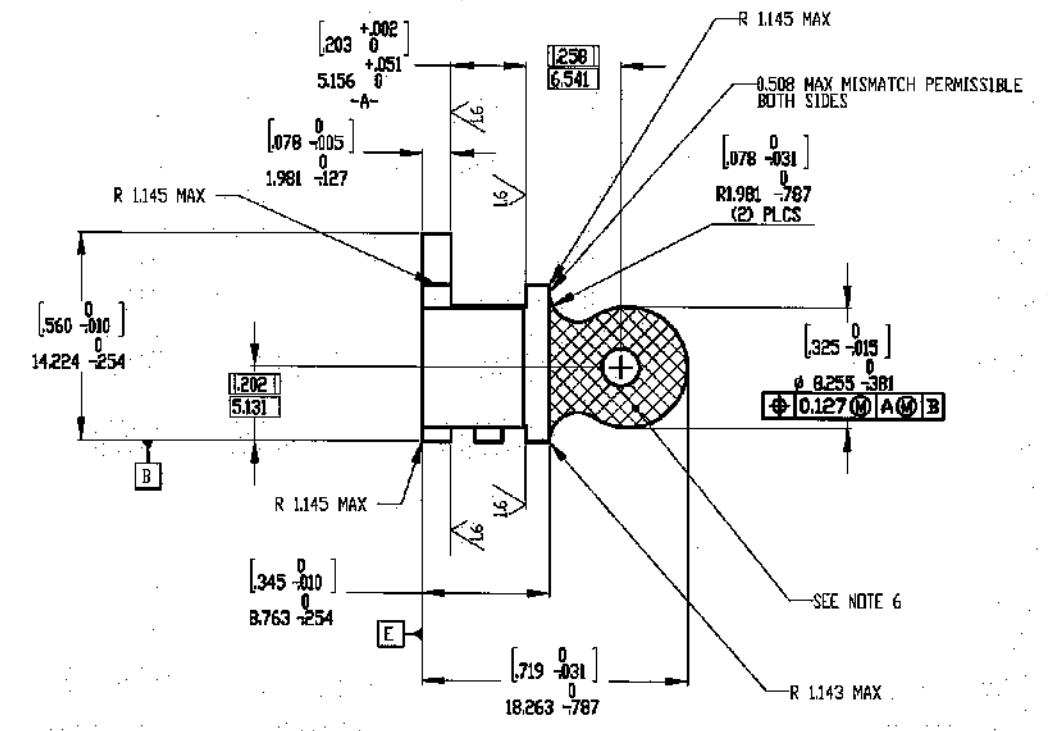
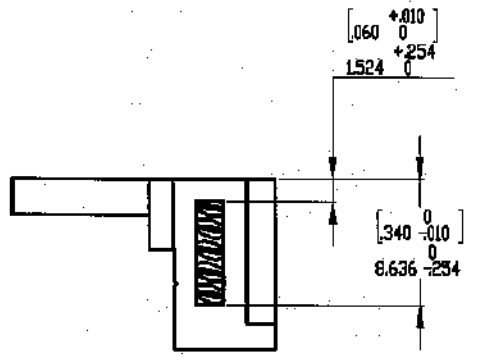
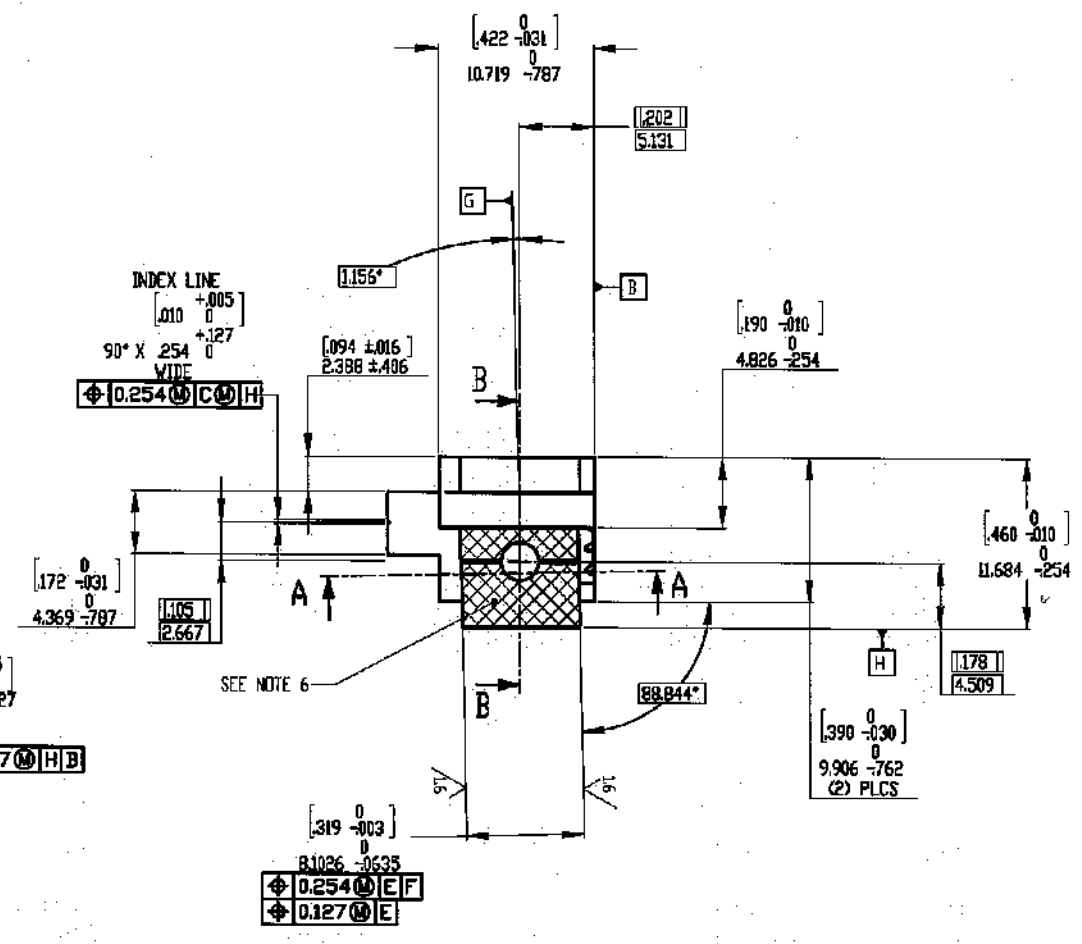
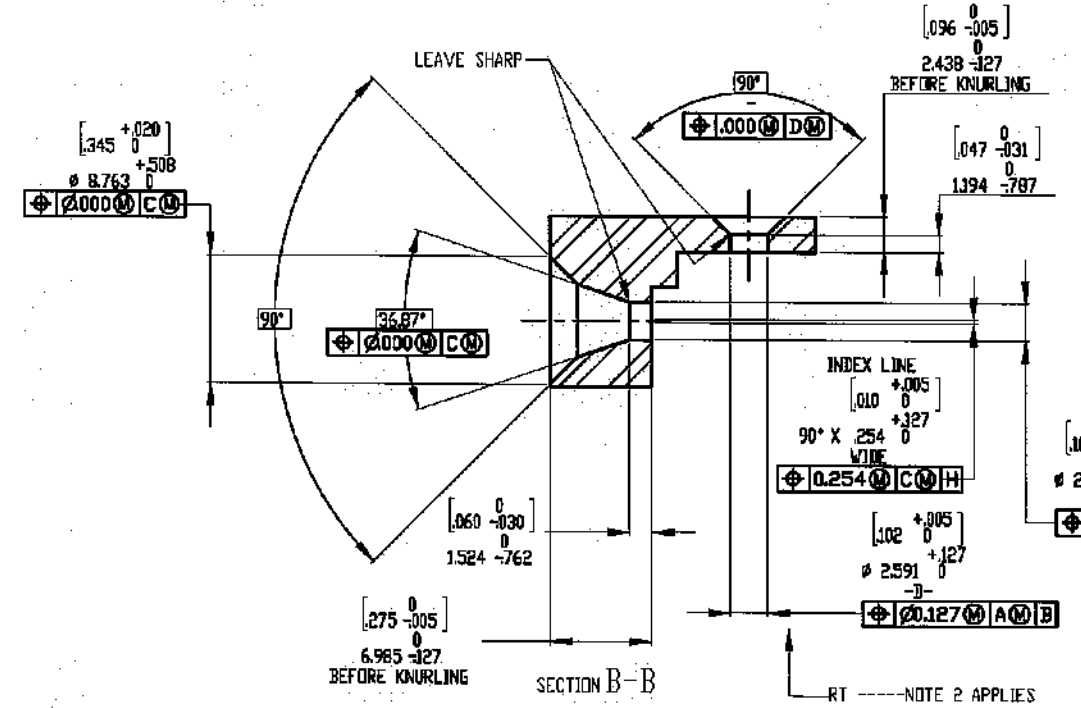
24 AUG 2021
 2021/08/24
 [Signature]
 [Signature]



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	DATE: 03/08/16	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []			
	DATE: []	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []			
	DATE: []	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []	DATE: []	APPROVED: []			

- NOTES:
1. APPLICABLE SPECS/STANDARDS:
A. ASME Y14.5M-1994
 2. MATERIAL:
A. CARBON STEEL BAR, ASTM A108, GRADES 1018 TO 1022.
B. INVESTMENT CASTING STEEL SAE AMS-S-2214L, GRADE IC4340.
TENSILE TEST SHALL NOT APPLY. CLASSIFICATION & INSPECTION OF INVESTMENT CASTINGS SHALL BE IAW SAE AMS-2175, CLASS 2, GRADE C.
 3. FINAL PROTECTIVE FINISH: FINISH 5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
 4. FINISH $\sqrt{32}$ EXCEPT AS NOTED.
 5. BREAK EDGES 0.076 + 0.178 UNLESS OTHERWISE SPECIFIED.
 6. KNURL, 160 DP, CLASS 1 TOL 45° DIAMOND PER ANSI B94.6

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	3/29/2016	G. MORRISSEKER



Provisionally Approved
 24 AUG 2021
 For (Inde (AP))

DATE	BY	CHKD	DATE	APPROVED
10/28/16	PH3	PH3	10/28/16	G. MORRISSEKER

CONTROLLED

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DHD ORDNANCE WORKS, INC.
 SLIDE, REAR SIGHT
 00W50BMG
 SIZE: 12003250
 SCALE: 4X WEIGHT: SHEET 1 OF 1

M 15 11

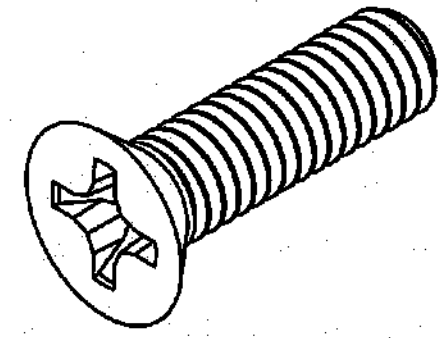
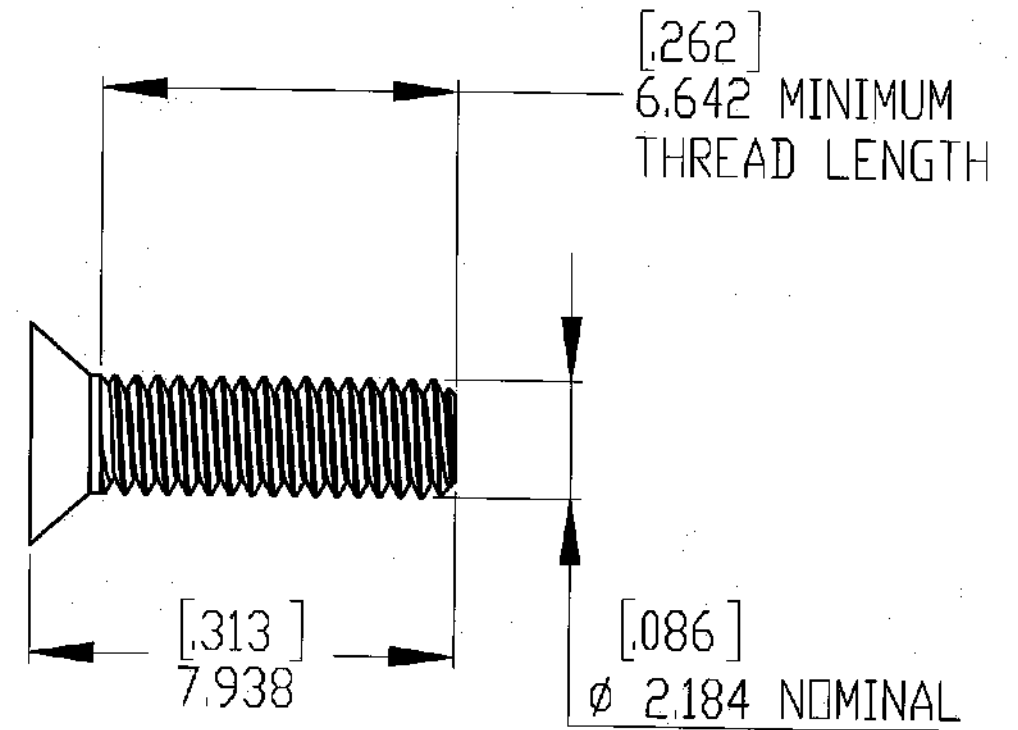
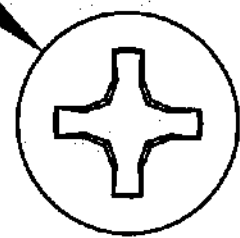
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	8/24/2018	T. HARDMAN

NOTES:

1. NSN: 5305-00-958-9642.
2. MATERIAL: STEEL, COMP 1010, 1011, OR 1013.
3. FINISH: CADMIUM PER QQ-P-416, TYPE II, CLASS 3.
4. THREAD: 2-64 UNF-2A, RIGHT HAND.
5. HEAD STYLE: FLAT, COUNTERSUNK.
6. COUNTERSINK ANGLE: BETWEEN 80 AND 82 DEGREES.
7. INTERNAL STYLE: CROSS RECESS, TYPE 1.

PROVISIONALLY APPROVED
 24 AUG 2018
 [Signature]
 [Signature]
 For Code (Att)

[.162 ±.010]
 Ø 4.115 ±.254



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	DIMENSIONS ARE IN MM/(INCHES) ALL THREAD DIM. ARE IN INCHES	DRAWN	TMH		8/24/18
	TOLERANCES:	CHECKED			
	FRACTIONAL	ENG APPR.			
	ANGULAR: MACH ± BEND TWO PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.076	MFG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			<p>MACHINE SCREW, PHILLIPS HEAD, 2-64 UNF, 00W50BMG</p>	
MATERIAL	COMMENTS:		SIZE		
FINISH			A		
DO NOT SCALE DRAWING				MS35191-216	
				REV	
				A	
				SCALE: 5:1	
				WEIGHT:	
				SHEET 1 OF 1	

5

4

3

2

1

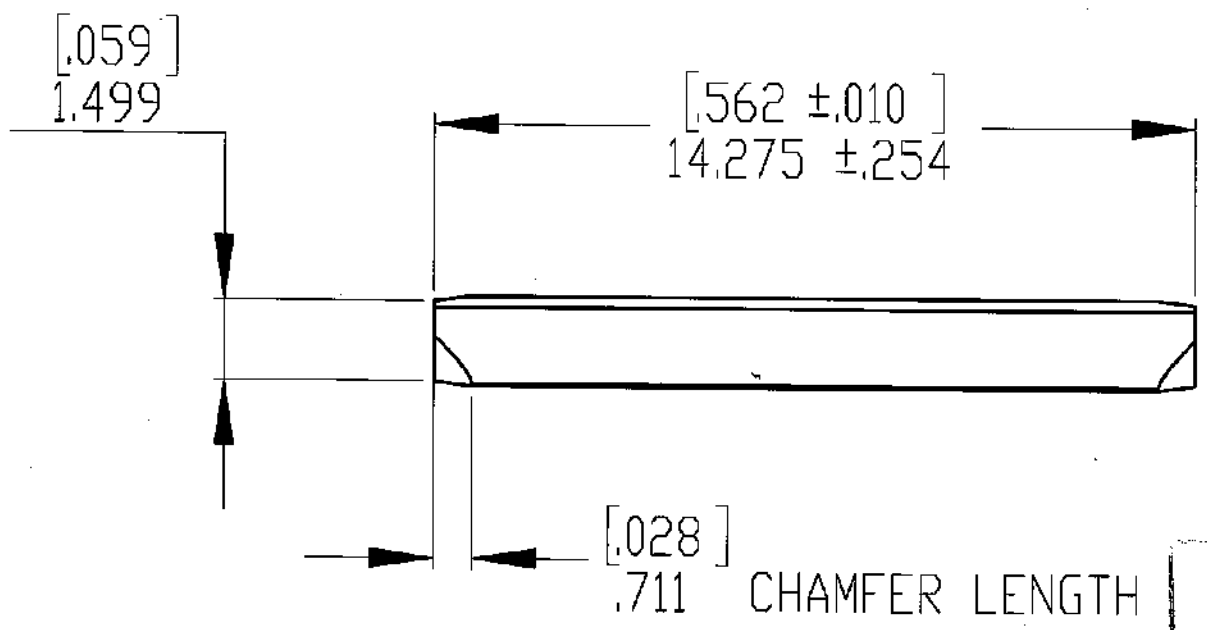
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	8/24/2018	T. HARDMAN

NOTES:

1. NSN: 5315-00-845-4231
2. ACCEPTABLE SUBSTITUTE: McMASTER-CARR
PART NUMBER 95755A053

$\begin{bmatrix} +.004 \\ .066 \end{bmatrix}$
 $\begin{bmatrix} -.000 \\ +.102 \end{bmatrix}$
 $\phi 1.676 \begin{bmatrix} +.102 \\ -.003 \end{bmatrix}$
 ACTUAL PIN
 DIAMETER

1.587
 NOMINAL PIN
 DIAMETER



Provisionally Approved
 24 AUG 2021
 For Code (A1)

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	INTERPRET GEOMETRIC TOLERANCING PER:	DRAWN			PIN, COILED SPRING, 00W50BMG
	MATERIAL 1050-1095 SPRING STEEL	CHECKED			
	FINISH BLACK PHOSPHATE	ENG APPR.			
	DO NOT SCALE DRAWING	MFG APPR.			
	COMMENTS:	Q.A.		SIZE A	REV A
				SCALE: 5:1	WEIGHT:
				SHEET 1 OF 1	

M
1538

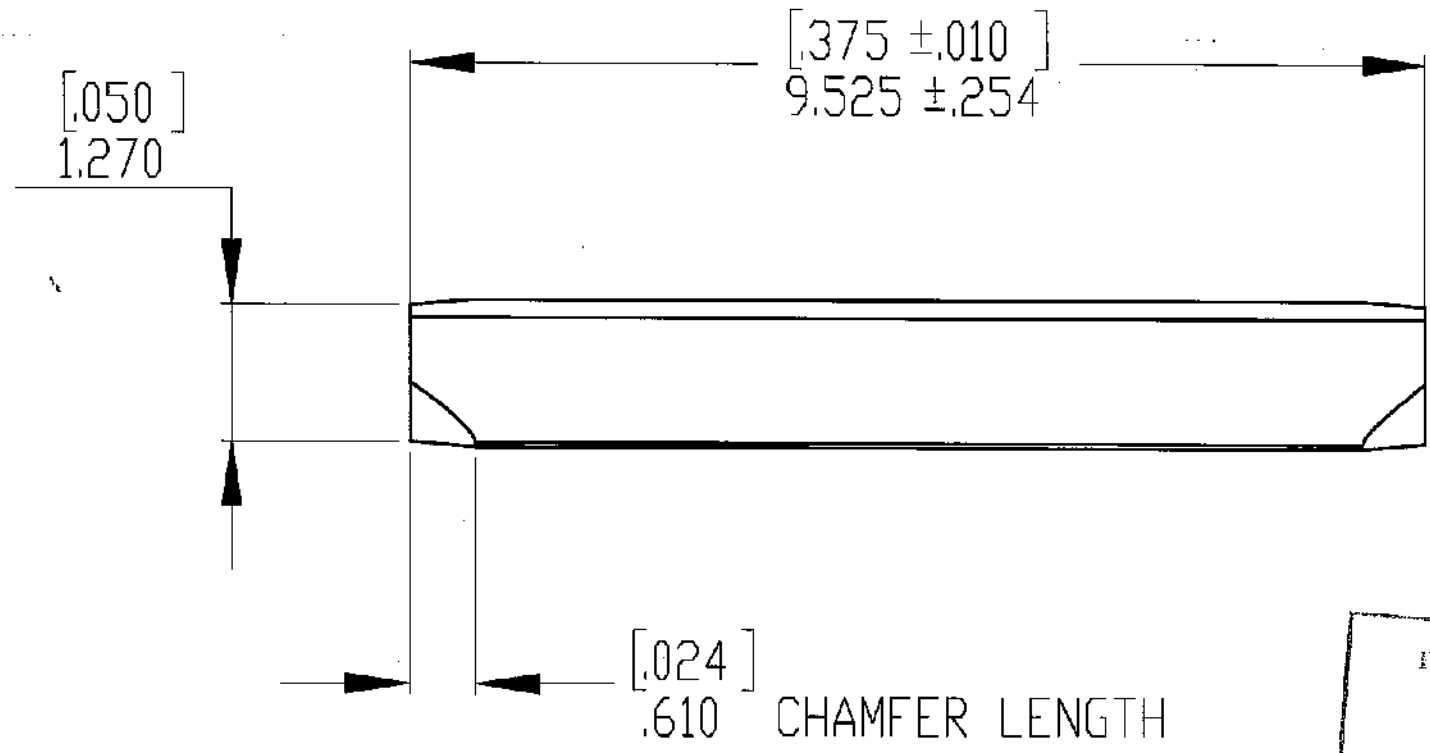
NOTES:

NSN: 5315-00-211-8272

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	8/24/2018	T. HARDMAN

$\begin{bmatrix} +.003 \\ .054 \\ -.000 \end{bmatrix}$
 $\begin{bmatrix} +.076 \\ \phi 1.372 \\ -.003 \end{bmatrix}$
 ACTUAL PIN
 DIAMETER

 1.321
 NOMINAL PIN
 DIAMETER



Provisionally Approved
 4 AUG 2018
 For Comd (AP)

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	INTERPRET GEOMETRIC TOLERANCING PER:	DRAWN	TMH			8/24/18
	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OHIO ORDNANCE WORKS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF OHIO ORDNANCE WORKS, INC. IS PROHIBITED.	MATERIAL	CHECKED		PIN, COILED SPRING, 00W50BMG	
	MATERIAL STEEL COMP 302	ENG APPR.				
	FINISH	MFG APPR.		SIZE	REV	
	DO NOT SCALE DRAWING	Q.A.		A	MS51923-142	A
		COMMENTS:		SCALE: 10:1	WEIGHT:	SHEET 1 OF 1