MARKING:
CASE, CART, BALL, CAL .45
2ND DRAWING
WORK

NOTES:
- THIS PLUG SAGE DRAWING IS TO BE USED FOR 2ND DRAW PUNCH HAVING A DIAMETER OF A BODY 11.429 MM.
- USED FLAT AIR VENT OF 0.5 MM. DEEP

<table>
<thead>
<tr>
<th>1</th>
<th>HANDLE</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td>PLUG</td>
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<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>PART NO</th>
<th>MATERIAL / HARDNESS</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>PLUG</td>
<td>1</td>
<td>Cemented carbide alloy, 5710 or equivalent</td>
</tr>
</tbody>
</table>

DEPARTMENT OF NATIONAL DEFENSE
Camp Gen. Antonio Luna
GOVERNMENT ARSENAL
LAMAO, LIMAY, SABTAN

TITLE:
CASE, CART, BALL, CAL .45
2ND DRAWING
### 1. Handle

**QTY:** 2  
**DESCRIPTION:** ALUMINUM

### 2. Plug

**QTY:** 1  
**DESCRIPTION:** ALLOY TOOL STEEL (SK53) / 60-63 HRC

---

**DRAWN:** D.D. CHUA  
**Date:** 02-04-2021

**DESIGNED:**  
**Date:** 02-04-2021

**CHECKED:** ENGR. T.L. VITUG  
**Date:** 06-07-2021

**Recommend Approval:** ENGR. ROMEO C. FABIAN  
**Date:** 06-07-2021

**Supt. Engineering, Div.:** LAMAO, LIMAY, BATAAN

---

**DEPARTMENT OF NATIONAL DEFENSE**  
**Camp Gen. Antonio Luna**  
**Goverment Arsenal**

**TITLE:** CASE, CART, BALL, CAL. .45  
**2ND TRIMMING**

**Scale:** 1:1  
**Dimension:** MM  
**Deg. No.:** 5A63129-1  
**Date:** 02-04-2021
CASE, CART, BALL, CAL. 45
INSIDE DIAMETER of MOUTH
ACCEPTANCE

STAMP: MARKING

STAMP: 60 11.390

STAMP: 60 11.390

2

ALLOY TOOL STEEL (SKS3) / 60-63 HRC

GOVERNMENT ARSENAL

LAMAQ, LINAY, BATAAN

TITLE:

CASE, CART, BALL, CAL. 45
INSIDE DIAMETER of MOUTH

DEPARTMENT OF NATIONAL DEFENSE
Chief Gen. Antonio Luna

DRAWN: D DE CERNA
Date: 9/19/95

DESIGNED

CHECKED: ENGR. T L VITUG
Date: 9/19/95

Recommended Approval
ENGR. ROMEO C. FABIAN
SUP'T ENGINEERING DIV

Approved by:

SCALE: 1:1

DIMENSION

Dwg. No

SHR.
NOTE: CENTER HOLES ARE NEEDED AT BOTH ENDS.

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<td>ALUMINUM</td>
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<td></td>
<td>ALLOY TOOL STEEL</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>60-63 HRC</td>
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DEPARTMENT OF NATIONAL DEFENSE
CAMP GEN ANTONIO LUNA
THE ARSENAL
LAMAO LIMAY BATAAN

CASE, CART, BALL 5.56 MM PROFILE, BODY

DRAWN BY: JSAANGHAYAN
DATE: 920219

DESIGN BY: JSAANGHAYAN

CHECKED BY: ENRICO LANDING
DATE: 920410

RECOMMENDED APPROVED BY: ENRICO RENVILLA
DATE: 920410

APPROVED BY: JSAANGHAYAN
DATE: 920410

SCALE: 1:1
DIMENSIONS: MM
DRAWING NO: A6501-0
SHT: 4
NOTE: CENTER HOLES ARE NEEDED AT BOTH ENDS.

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<tr>
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<td>ALLOY TOOL STEEL 60~63 HRC</td>
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DEPARTMENT OF NATIONAL DEFENSE
CAMP GEN ANTONIO LUNA
THE ARSENAL
LAMAO LIMAY BATAAN

CASE, CART, BALL 5.56 MM
MAXIMUM PROFILE

DRAWN BY: J. SANGANGBAYAN
DATE: 9/10/28

DESIGN BY: ENGR. RICARDO NOCEBA ME
DATE: 3/3/26

CHECKED BY: ENGR. RICARDO NOCEBA ME
DATE: 3/3/26

APPROVED BY: NICEFID C. CARRAN
DATE: 3/3/26

TITLE:

SCALE: 1:1
DIMENSION: MM

DRWG NO: AG502-8
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<tr>
<td>2</td>
<td>PLUG GAGE</td>
<td>ALLOY TOOL STEEL (SKS3) GO-63 HRG</td>
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**DRAWN BY:** SANGBAYAN  **DATE:** 9/11/28  **DEPARTMENT OF NATIONAL DEFENSE**
**DESIGN BY:**  **DATE:** 9/11/28  **CAMP GEN ANTONIO LUNA**
**CHECKED BY:** ENGR. ENRIQUE R. TORRES  **DATE:** 9/20/30  **THE ARSENAL**
**ENGINEER:** ENRIQUE R. TORRES  **DATE:** 9/20/30  **LAMAO LIMAY BATAAN**
**APPROVED BY:** NICATO A. ESTIN  **DATE:** 9/20/30  **CASE, CART, BALL 5 56 MM**
**DIAMETER, VENT HOLE**  **SHT.** A5112  **DIMENSION:** mm  **SCALE:** 1:1
MARKING:
CASE, CART., BALL
5.56 MM GAGING
DIA. POCKET, ACCEPTANCE

2
HOLDER

1
PLUG GAGE

2
ALUMINUM

1
ALLOY TOOL STEEL

60 - 63
HARDNESS

Republic Of The Philippines
DEPARTMENT OF NATIONAL DEFENSE
GOVERNMENT ARSENAL
CAMP GENERAL ANTONIO LUNA
Laman, Limay, Bataan

Scale: 1:1
Dimension: MM
Dwg. No. AG 586 - 2
Shl. No.

DRAWN
RDP N. TANAGON
Date: 18 JUN 03

DESIGNED

CHECKED
ENGR. J. ESPINOSA, ChE
Date: 30 JUL 03

Recommend Approval:
ENGR. ROMEO C. FABIAN, ME
SUP'T. ENGINEERING DIV
Date: 03 01 07

Approved by:
RAdm ERIBERTO F VARONA AFPODI

1. HOLDER
2. CHECK GAGE

<table>
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<tr>
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</tbody>
</table>

DRAWN BY: J. SANGANGBAYAN
CHECKED BY: ENR. RICARDO NUCEDA
APPROVED BY: NICETO ESTEBAN

DEPARTMENT OF NATIONAL DEFENSE
CAMP GEN ANTONIO LUNA
THE ARSENAL
LAMAO LIMAY BATAAN

CASE CART, BALL 5.56 MM OUTSIDE DIAMETER, HEAD ACCEPTANCE GAGES

STAMP: CHECK GAGE IAG11LC

DIMENSIONS:
- φ9.606 ±0.002
- φ8 H7 P6
- 50
- 110

SHEET: A
NOTE:
ECCENTRICITY BETWEEN Ø4.416 AND Ø1.833
NOT EXCEEDING 0.01 MM INDICATOR READINGS

SECTION A-A
SCALE 1:1

STAMP: MARKING

MARKING:
CASE, CART., BALL 5.56 MM
VENTING
ECCENTRICITY VENT, WORK

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<td>MATERIAL / HARDNESS</td>
<td>ALUMINUM</td>
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<tr>
<th>DRAWN</th>
<th>JERRY HERRERA</th>
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<tr>
<td>DESIGNED</td>
<td></td>
</tr>
<tr>
<td>CHECKED</td>
<td>ENGR. SK C. PAGUIO</td>
</tr>
<tr>
<td>Recommend Approval:</td>
<td></td>
</tr>
<tr>
<td>ENGR. VICTORINO D. MONES</td>
<td></td>
</tr>
<tr>
<td>ACTGS SUPERINTENDENT ED</td>
<td></td>
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<tr>
<td>Approved by:</td>
<td>JONATHAN C. MARTIR</td>
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<table>
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<th>DATE</th>
<th>JAN 03, 2014</th>
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<th>TITLE</th>
<th>CASE, CART., BALL 5.56 MM</th>
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<td>VENTING, ECCENTRICITY VENT, WORK</td>
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<tr>
<th>GOVERNMENT ARSENAL</th>
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<tbody>
<tr>
<td>Republic Of The Philippines</td>
</tr>
<tr>
<td>Department Of National Defense</td>
</tr>
<tr>
<td>Camp General Antonio Luna</td>
</tr>
<tr>
<td>Laoag, Ilocos Norte</td>
</tr>
</tbody>
</table>

| Scale: | 1:1 |
| Dimension: | MM |
| Dwg. No. | AWG107a |
| Shl No. | 1 |
| Of | 1 |
MARKING: BULLET, CART., BALL, 5.56 MM
ASSEMBLING / DIA. SIZING / GAGING
FINISHING OUTSIDE DIA., WORK
(2AG07A)

NOTE:
- GAGE DRAWING TRANSCRIBED
FROM BULLET CART., BALL 5.56 MM
FINISHING OUTSIDE DIAMETER,
WORK DATED 95 05 09.

3 | M3 X 0.5 X 12 L.G. FLAT HD. ST. SCR. | 3 | STANDARD
1 | HOLDER | 2 | ALUMINUM
2 | TWIN RING GAGE | 1 | ALLOY TOOL STEEL (SKS3)

<table>
<thead>
<tr>
<th>QTY</th>
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<th>PART NO.</th>
<th>MATERIAL</th>
<th>HARDNESS</th>
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<td>3</td>
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<td>1</td>
<td>HOLDER</td>
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<td>ALUMINUM</td>
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<td>2</td>
<td>TWIN RING GAGE</td>
<td>1</td>
<td>ALLOY TOOL STEEL (SKS3)</td>
<td>60 ~ 63 HRC</td>
</tr>
</tbody>
</table>

DRAWN: J.C. CARANILLA
Date: FEB. 24, 2015

DESIGNED: ENGR. VICTORINO D. MONES
Date: FEB. 24, 2015

CHECKED: ENGR. S.K. C. POGLIO
Date: FEB. 24, 2015

Recommend Approval: ENGR. VICTORINO D. MONES
Date: 25/2/15

Approved by: JONATHAN C. MARTIR
Date: 25/2/15

© 2015

REPORT: BULLET, CART., BALL
5.56 MM
ASSEMBLING DIA. SIZING / GAGING
FINISHING OUTSIDE DIA., WORK
MARKING:
BULLET, CART., BALL, 5.56MM
TOTAL LENGTH
ACCEPTANCE

STAMP: 60 = 19.165
NO 60 = 18.40

NOTE: PRODUCT SPECS. 19.17 MM

2

SOC. HD. SCREW M6 X 40LG.

SNAP GAGE

ALLOY TOOL STEEL / 60-63 HRC

PART NO.

MATERIAL / HARDNESS

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF NATIONAL DEFENCE
GOVERNMENT ARSENAL
CAMP GEN. ANTONIO LUNA
LAMAO
LIMAY
BATAAN

SCALE
1:1

DIMENSION
MM

DWG. NO.
A65171

SHT
OF

DRAWN
RS SIMEON JR.

DATE
971001

DESIGNED

DATE

CHECKED
ENGR. T L VITUG/IE

DATE
97-10-01

Recommend
ENGR. ROMEO C. FABIAN, PE

DATE
970210

Supt. Engineering Division

Approved by
NICETO F. FESTAN

DATE
2/10/97

DIRECTOR

TITLE
BULLET, CART., BALL, 5.56MM
TOTAL LENGTH
ACCEPTANCE GAGES
MARKING:
CASE, CART., BALL
5.56 MM HEADING
DIA. POCKET, WORK

HOLDER
2
ALUMINUM

PLUG GAGE
1
ALLOY TOOL STEEL / 80 ~ 63

HARDNESS

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<tbody>
<tr>
<td></td>
<td>ENGR. R. ESPINOSA, ChE</td>
<td>ENGR. R. ROMEO, C. FABIAN</td>
<td>RADM. ERIBERTO C. VAZON, AFP</td>
<td>28 OCT 03</td>
<td>ALLOY TOOL STEEL / 80 ~ 63</td>
<td>5.56 MM HEADING/TAPERING &amp; NECKING</td>
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DEPARTMENT OF NATIONAL DEFENSE

GOVERNMENT ARSENAL

CAMP GENERAL ANTONIO LUNA
Lasmol, Limay, Bataan
**MARKING DETAILS**

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<tr>
<th>DESIGNATION</th>
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<tr>
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<td>Ø 4.465 -0.002</td>
<td>Ø 4.434 +0.002</td>
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<tr>
<td>GAGE No:</td>
<td>3AG3AA</td>
<td>3AG3AB</td>
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</table>

**GO RING GAGE**

**NO GO RING GAGE**

**GOVERNMENT ARSENAL**

Republic Of The Philippines
Department of National Defense

Camp General Antonio Luna
Lanao, Limay, Bataan

Scale: 2:1
Dimension: MM

**TITLE:**
PRIMER, CART., BALL 5.56 MM
3- LEGGED FINISHED PRIMER WORK AND ACCEPTANCE GAGES

**DRAWN:**
ROY P. TAMAGON
Date: 18 MAY 06

**DESIGNED:**
RODEL M. QUINDOY
Date:

**CHECKED:**
Engr. JOSÉ C. BOBADILLA, ME
Date:

Recommend Approval:
ENGR. ROMEO C. FABIAN, ME
Date: 06-25-05

Approved by:
RADM ERIBERTO C. VARONA, AFP (Ret)

**MATERIAL / HARDNESS:**
ALLOY TOOL STEEL (S45C3) OR EQUIV / 60-62 HRc
MARKING DETAILS

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<td>NORMAL DIMENSION</td>
<td>Ø 3.801 -0.001</td>
<td>Ø 3.81 -0.001</td>
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GAGE No: 

NOTE:
- FOR 3-LEGGED PRIMER CUP.

GO PLUG GAGE

NO GO PLUG GAGE

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<tr>
<td>DESIGNED</td>
<td>RODEL YU QUINDOY</td>
<td>Date:</td>
<td></td>
</tr>
<tr>
<td>CHECKED</td>
<td>Engr. JOSÉ M. HOBIDILLA, ME</td>
<td>Date:</td>
<td></td>
</tr>
<tr>
<td>Recommend Approval:</td>
<td>ENGR ROMEO C. FABIAN, ME SUPT. ENGINEERING DIV.</td>
<td>Date:</td>
<td></td>
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<tr>
<td>Approved by:</td>
<td>RADIM ERIBERTO C. VARONA, AFP (Ref), DIRECTOR</td>
<td>Date:</td>
<td></td>
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GOVERNMENT ARSENAL
Camp General Antonio Luna
Lunaan, Limay, Bataan

Republic of the Philippines
Department of National Defense

Scale: 2:1
Dimension: MM

"PRIMER, CART., BALL 5.56 MM"
"PRIMER CUP"
"WORK GAGES, 3-LEGGED"
MARKING DETAILS

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<td>Ø 4.432 + 0.001</td>
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<td>GAGE No:</td>
<td>3AG1AA</td>
<td>3AG1AB</td>
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NOTE:
- FOR 3- LEGGED PRIMER CUP.

<table>
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<th>MATERIAL / HARDNESS</th>
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<td>ALLOY TOOL STEEL (SKH3) OR EQUIV / 60 - 62 HRc</td>
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<td>ALLOY TOOL STEEL (SKH3) OR EQUIV / 60 - 62 HRc</td>
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</table>

GOVERNMENT ARSENAL
Republic Of The Philippines
Department of National Defense
Camp General Antonio Luna
Lanacao, Limay, Bataan

Scale: 2:1
Dimension: MM

Date: 18 MAY 06

PRIMER, CART., BALL 5.56 MM
PRIMER CUP
WORK GAGES, 3- LEGGED
NOTE:
ECCENTRICITY BETWEEN Ø 1.691 AND Ø 5.309
NOT EXCEEDING 0.01 MM. INDICATOR READING.

MARKING:
CASE, CART., BALL, Cal. 45
MISI VENTING
ECCENTRICITY VENT, WORK
F088

HANDLE
ALUMINUM
PLUG GAGE

QTY. DESCRIPTION PART NO. MATERIAL

DEPARTMENT OF NATIONAL DEFENSE
CAMP GEN. ANTONIO LUNA
GOVERNMENT ARSENAL
LAMAO LIMAY BATAAN

DRAWN J ESPENOCILLA Date: 960219
DESIGNED
CHECKED ENGR. T. VITUG Date:
Recommend Approval
ENGR. ROMEO C. FABIAN, ME
SUPT. ENGINEERING DIV.
Approved By:
Dwng.no. PWG 1606
Scale: 1:1
Dimension: MM
Sht. of:

CASE, CART., BALL
Cal. 45 MISI1
HEAVY DUTY Magazine
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**MARKING: BULLET, CART., BALL, CAL. .45 M1911**
**LENGTH INSPECTION**
**G2P11B**

**PRODUCT Specs:** 17.26 ±0.037

### Dimensions

- **Socket Head Screw:** M6 x 1 x 30 lg
- **Limit Check:** 2
- **Snap Gage:** 1

### Material and Hardness

<table>
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<th>Material</th>
<th>Hardness</th>
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**Socket Head Screw:**

- **QTY:** 3
- **Description:**

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<td>Alloy Tool Steel (SKS2)</td>
<td>60-63 HRC</td>
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**GOVERNMENT ARSENAL**

Republic of the Philippines
Department of National Defense

Camp General Antonio Luna
Lumao, Lonsay, Batan

**Scale:** 1:1
**Dimension:** M4

**Title:** BULLET, CART., BALL
**Length:** GA-65105 (230 gr)

**Drawn by:** J.C. Cabanilla
**Date:** Mar. 18, 2014

**Designed by:**

**Checked by:** Mr. Benito V Bondoc
**Date:** 08-15-14

**Recommended Approval:** Engr. Liwanag T. Buenaflor
**Acting Subj.: QAD**
**Date:** 09-01-10

**Approved by:**

**Date:**

**Draw No.:** PG1312-14-02
**Sheet No.:**