

**MIL-STD-118**

**14 January 1953**

# **MILITARY STANDARD**

## **GAGES, SNAP, PLAIN ADJUSTABLE**



MIL-STD-118

14 January 1953

**DEPARTMENT OF DEFENSE  
DEFENSE SUPPLY MANAGEMENT AGENCY  
OFFICE OF STANDARDIZATION  
WASHINGTON 25, D. C.**

14 January 1953

Gages, Snap, Plain Adjustable  
MIL-STD-118

1. This standard has been approved by the Departments of the Army, the Navy, and the Air Force for the purpose of establishing technical and related data for standard gages to be used for the inspection of Military component dimensions.

2. The Office of Standardization approved this standard for printing and inclusion in the MIL series of standards on 14 January 1953.

3. In accordance with established procedure the Office of Standardization has designated the Ordnance Corps, the Bureau of Ordnance, and the Air Force, respectively, as joint Army-Navy-Air Force custodians of this standard.

4. This standard is mandatory for use effective 14 February 1953 by all procurement activities. Where repeated or permanent deviation from the approved Military standard is granted by a department, a report shall be made to the Office of Standardization by that department with reason for the deviation.

5. Recommended corrections, additions, or deletions should be addressed to the Director, Office of Standardization, Washington 25, D. C.

MIL-STD-118

14 January 1953

## 1.

## INTRODUCTION

1.1 This standard establishes technical and related data, including part numbers for American Gage Design Standard Plain Adjustable Snap Gages used for inspection of component dimensions from zero to 11.625 inches inclusive.

1.2 This standard establishes the method of specifying the required setting sizes and setting tolerances of the plain adjustable snap gages on the lists of inspection gages.

1.2.1 The method of specifying the required setting sizes applies only to plain adjustable snap gages that are used for the final acceptance inspection of component material.

1.3 The Military standard part numbers listed in columns D and E of table I, and E, F, and G of table II of this standard have been approved by the Office of Cataloging as Federal Item Identification Numbers for use in the Federal catalog system.

## 2.

## APPLICATION

2.1 Table I lists the preferred part numbers to be used for design purposes. The table also provides in numerical sequence, the ranges of plain adjustable snap gages (part numbers) in ascending order and the gage setting tolerance as determined by the total component tolerance within each range.

2.2 Table II lists all the part numbers covering American gage design standard plain adjustable snap gages, and includes the preferred part numbers listed in table I. The table is arranged simultaneously in ascending sequence for part numbers and AGD standard frame designation.

## 3.

## NOTES

3.1 Specifying plain adjustable snap gages on lists of inspection gages.

3.1.1 *Go and not go gaging feature.*—The maximum component dimension will be shown as the numerator and the minimum component dimension as the denominator of the fraction. Enter the gage setting tolerance number in parenthesis ( ) after the fraction, and also the Mil-Std part number. (See sample list of inspection gages, paragraph 3.1.4, line a.)

3.1.2 *Go gaging feature only.*—The maximum component dimension will be shown as

the numerator and .000 will be used as the denominator of the fraction. Enter the gage setting tolerance number in parenthesis ( ) after the fraction, and also the Mil-Std part number. (See sample list of inspection gages, par. 3.1.4, line b.)

3.1.3 *Not go gaging feature only.*—The numerator will be shown as .000 and the minimum component dimension as the denominator of the fraction. Enter the gage setting tolerance number in parenthesis ( ) after the fraction, and also the Mil-Std part number. (See sample list of inspection gages, par. 3.1.4, line c.)

## MIL-STD-118

14 January 1953

## 3.1.4 Sample list of inspection gages.

Gage list rev. symbol	75				
	Component feature to be inspected	Gage type	Drawing size	MIL-STD part no.	Gage dwg. rev.
Line (a)	Diam. Head -----	Adj Snap 2.928/2.918 (5)		7479382	
Line (b)	Diam. Head "Go" -----	Adj Snap 2.928/000 (2)		7479382	
Line (c)	Diam. Head "Not Go" -----	Adj Snap 000/2.918 (2)		7479382	

3.1.5 Where an extended anvil (see fig. 17) is not required, read down column B of table I until the first dimension that exceeds the *maximum component dimension (or only dimension)* to be gaged is found, then read down column C until the *total component tolerance* is found and then on the same line read the part number in column D and the gage setting tolerance in column F. If the total component tolerance is not listed, use the next smaller total component tolerance that is listed for the maximum component dimension (or only dimension) to be gaged.

3.1.6 Where an extended anvil (see fig. 18) is required, read down column B of table I until the first dimension that exceeds the *maximum component dimension (or only dimension)* to be gaged is found, then read down column C until the *total component tolerance* is found and then on the same line read the part number in column E and the gage setting tolerance in column F. If the total component tolerance is not listed, use the next smaller total component tolerance that is listed for the *maximum component dimension (or only dimension)* to be gaged.

3.1.7 If the total component tolerance is not known, when gages are set to maximum (go) or minimum (not go) only, (pars. 3.1.2 and 3.1.3), use a gage setting tolerance of .0002 inch for gages within the range .000

to 4.1875, and a gage setting tolerance of .0004 inch for gages within the range 4.1875 to 11.625, as shown in table I. Use a gage setting tolerance of .0002 inch for other gages shown in table II having frame designations A1 to A8, B3 to B9. For gages having larger frames, use a gage setting tolerance of .0004 inch.

3.1.7.1 Enter the part number and the gage setting tolerance on the list of inspection gages. Place parenthesis marks ( ) on the gage tolerance number.

3.1.8 When the minimum component dimension falls within the range of one frame part number and the maximum component dimension falls within the range of the next larger frame part number, it will generally be permissible to specify the part number for the smaller frame because Commercial Standard CS-8 details indicate that the dimensions shown in column B of table I can be exceeded by—

3.1.8.1 One-sixteenths (.062) of an inch on gages with ranges up to and including 2.750 inches, except for AGD model MC snap gages listed in column D (fig. 17) for ranges 000-750, the Commercial Standard CS-8 details indicate the *maximum* range may be exceeded by approximately .02 inch.

MIL-STD-118

14 January 1953

3.1.8.2 Three-thirty seconds (.093) of an inch on gages with ranges between 2.750 and 5.6875 inches.

3.1.8.3 One eighth (.125) of an inch on gages with ranges between 5.6875 and 11.625 inches.

3.1.9 The method outlined above for specifying on the list of inspection gages the exact setting of the plain adjustable snap gages (part numbers) listed in table I can be applied to any plain adjustable snap gage (part number) shown in table II.

### 3.2 Marking.

3.2.1 Each plain adjustable snap gage (part number) will require a marking disk prestamped or etched as shown in figure 18 unless otherwise specified in the procurement document.

3.2.2 *Go marking.*—Stamp or etch the *numerator* of the fraction shown on the list of inspection gages next to the prestamped word *Go* on the marking disk of the plain adjustable snap gage (part number) specified on the list of inspection gages. If the numerator is given as .000 on the list of inspection gages, leave the area adjacent to the prestamped word "Go" on the marking disk blank.

3.2.3 *Not go marking.*—Stamp or etch the *denominator* of the fraction shown on the list of inspection gages next to the prestamped words *Not Go* on the marking disk of the plain adjustable snap gage (part number) specified on the list of inspection gages. If the denominator is given as .000 on the list of inspection gages, leave the area adjacent to the prestamped words "Not Go" on the marking disk blank.

3.2.4 *Gage setting tolerance marking.*—Stamp the number shown in parenthesis on the list of inspection gages in the space provided between the words *go* and *not go* on the marking disk. That number is the gage

setting tolerance in ten thousands (.0001) of an inch.

*Note.*—See figure 14 for sample marking.

3.2.5 The instructions provided in paragraphs 3.2.2 to 3.2.4 inclusive are not applicable unless specifically mentioned in the procurement document.

### 3.3 Setting and Surveillance.

3.3.1 Note that the *gage setting tolerance* is given in ten thousandths (.0001) of an inch on the list of inspection gages and on the marking disk.

3.3.2 Plain adjustable snap gages must be lapped parallel and to size when the gage setting tolerance is .0001 inch.

3.3.3 For *go* and *not go* gages. Set inner button at *Not Go* stamping dimension and apply the gage setting tolerance plus (+). Set outer button at *Go* stamping dimension and apply the gage setting tolerance minus (-).

3.3.4 For *go only* gages. Set inner button at *maximum* retracted position. Set outer button at *go* dimension and apply the gage setting tolerance minus (-).

3.3.5 For *not go only* gages. Set inner button at *maximum* retracted position. Set outer button at *no go* dimension and apply the gage setting tolerance plus (+).

3.3.6 *Seal the gage after acceptance.*

### 3.4 For Procurement.

3.4.1 Procurement documents should specify the following:

- (a) Title, number and date of this MIL-STD.
- (b) Plain adjustable snap gages required (quantity and part number).
- (c) Place of delivery for acceptance inspection or place of delivery if acceptance inspection is to be at contractor's plant.

## MIL-STD-118

14 January 1953

3.4.1.1 Preferred plain adjustable snap gages (part numbers) shown in table I should be procured with square anvils unless specific requirements exist for other models (part numbers) shown in table II.

3.4.1.2 Plain adjustable snap gages (part numbers) are normally procured unset. If it is ever necessary to procure part numbers set to a required size(s), the procurement document must specify the "fraction" and gage setting tolerance in parentheses ( ) as shown on the sample list of inspection gages, paragraph 3.1.4 under *Gage Type*, adjacent to the part number. The procurement document must then state that paragraph 3.2.2 to 3.2.4 inclusive apply and that the gage(s) (part number) are to be set in accordance with Section 3.3.

3.4.2 Read down columns E, F and G of table II until the given part number as listed in the procurement document is found, then on the same line read the AGD frame designation in column B and figure No. in column A.

3.4.3 Refer to figures 15, 16, 17 or 18, whichever is applicable, for the model of frame and the stamping required.

3.4.4 Unless otherwise specified in the procurement document, each plain adjustable snap gage (part number) will require a

marking disk prestamped or etched as shown in figure 13.

3.4.5 Tool steel gaging members with rockwell hardness C63-66 are required.

3.4.6 The *maximum* acceptable roughness of the gaging surfaces of a plain adjustable snap gage expressed in microinches rms (Root-Mean-Square) is four. This rms value corresponds with the meter indications of surface roughness measuring instruments, which from their method of operation are assumed to show readings approximating the rms value as defined in MIL-STD-10 entitled "Surface Roughness, Waviness and Lay."

3.4.6.1 Gaging surfaces should be lapped to remove amorphous metal.

3.4.7 Remove the sharp edges from all gages.

3.4.8 All gages listed in this standard are to be in accordance with the latest revision and amendment of:

3.4.8.1 The U. S. Department of Commerce's publication entitled "Gage Blanks, Commercial Standard CS-8."

3.4.8.2 Military Specification MIL-G-10944 (Ord).

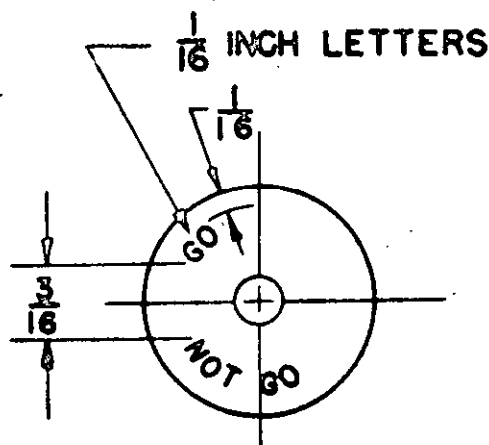


FIGURE 13.

MIL-STD-118

14 January 1953

7479382 STAMPED ON REVERSE SIDE

SEAL AFTER ACCEPTANCE

STAMP AS SHOWN

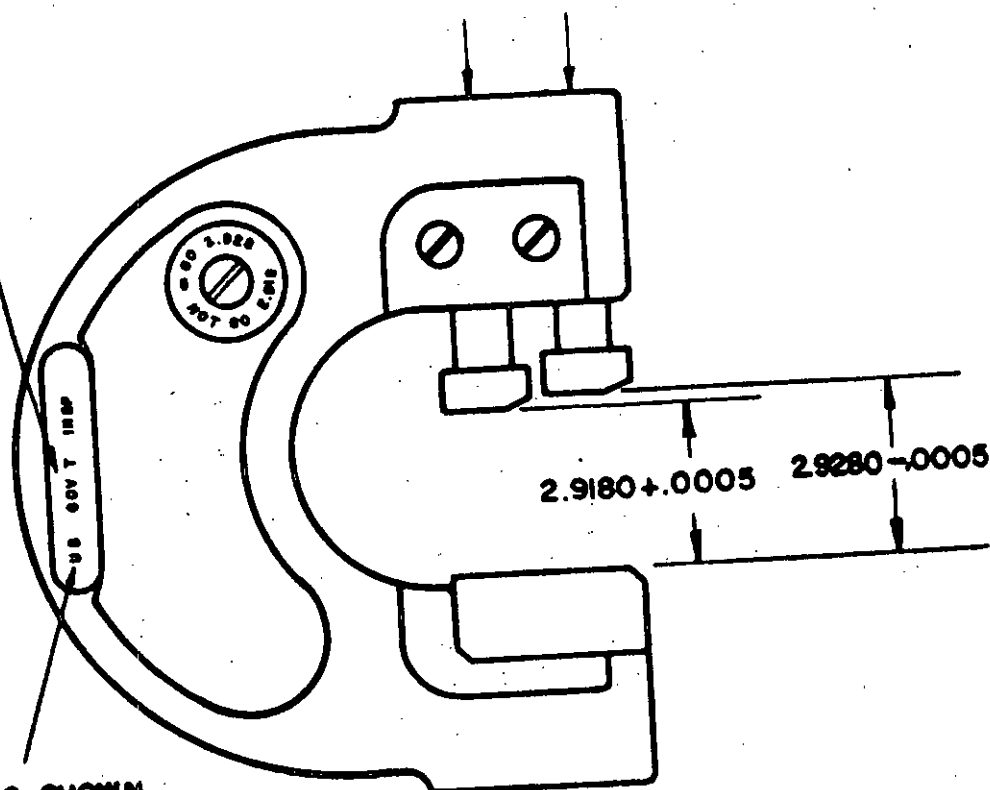


FIGURE 14.

MIL-STD-118  
14 January 1953

TABLE I

Range		Total component tolerance <sup>1</sup>	Military standard part numbers		Gage set tol.
Above	To & incl.		Fig. No. 17	Fig. No. 18	
A	B	C	D <sup>2</sup>	E	F
.000	.195	.001 NOT RECOMMENDED.....	7479460	7479422	1
.000	.195	.003.....	7479460	7479422	2
.000	.195	.005.....	7479460	7479422	3
.000	.195	.010 AND UP.....	7479460	7479422	4
.195	.250	.001 NOT RECOMMENDED.....	7479462	7479422	1
.195	.250	.003.....	7479462	7479422	2
.195	.250	.005.....	7479462	7479422	3
.195	.250	.010 AND UP.....	7479462	7479422	4
.250	.385	.001 NOT RECOMMENDED.....	7479462	7479424	1
.250	.385	.003.....	7479462	7479424	2
.250	.385	.005.....	7479462	7479424	3
.250	.385	.010 AND UP.....	7479462	7479424	4
.385	.500	.001 NOT RECOMMENDED.....	7479464	7479424	1
.385	.500	.003.....	7479464	7479424	2
.385	.500	.005.....	7479464	7479424	3
.385	.500	.010 AND UP.....	7479464	7479424	4
.500	.570	.001 NOT RECOMMENDED.....	7479464	7479426	1
.500	.570	.003.....	7479464	7479426	2
.500	.570	.005.....	7479464	7479426	3
.500	.570	.010 AND UP.....	7479464	7479426	4
.570	.750	.001 NOT RECOMMENDED.....	7479466	7479426	1
.570	.750	.003.....	7479466	7479426	2
.570	.750	.005.....	7479466	7479426	3
.570	.750	.010 AND UP.....	7479466	7479426	4
.750	1.000	.001 NOT RECOMMENDED.....	7479366	7479428	1
.750	1.000	.003.....	7479366	7479428	2
.750	1.000	.005.....	7479366	7479428	3
.750	1.000	.010 AND UP.....	7479366	7479428	4
1.000	1.250	.001 NOT RECOMMENDED.....	7479368	7479430	1
1.000	1.250	.003.....	7479368	7479430	2
1.000	1.250	.005.....	7479368	7479430	3
1.000	1.250	.010 AND UP.....	7479368	7479430	4
1.250	1.500	.001 NOT RECOMMENDED.....	7479370	7479432	1
1.250	1.500	.003.....	7479370	7479432	2
1.250	1.500	.005.....	7479370	7479432	3
1.250	1.500	.010 AND UP.....	7479370	7479432	4
1.500	1.750	.001 NOT RECOMMENDED.....	7479372	7479434	1
1.500	1.750	.003.....	7479372	7479434	2
1.500	1.750	.005.....	7479372	7479434	3
1.500	1.750	.010 AND UP.....	7479372	7479434	4
1.750	2.000	.001 NOT RECOMMENDED.....	7479374	7479436	1
1.750	2.000	.003.....	7479374	7479436	2
1.750	2.000	.005.....	7479374	7479436	3
1.750	2.000	.010 AND UP.....	7479374	7479436	4



MIL-STD-118

14 January 1953

TABLE I.—(Continued).

Range		Total component tolerance <sup>1</sup>	Military standard part numbers		Gage set tol.
Above	To & incl.		Fig. No. 17	Fig. No. 18	
A	B	C	D <sup>2</sup>	E	F
2.000	2.250	.001 NOT RECOMMENDED.....	7479376	7479438	1
2.000	2.250	.003.....	7479376	7479438	2
2.000	2.250	.005.....	7479376	7479438	3
2.000	2.250	.010 AND UP.....	7479376	7479438	4
2.250	2.500	.001 NOT RECOMMENDED.....	7479378	7479440	1
2.250	2.500	.003.....	7479378	7479440	2
2.250	2.500	.005.....	7479378	7479440	3
2.250	2.500	.010 AND UP.....	7479378	7479440	4
2.500	2.750	.003.....	7479380	7479442	2
2.500	2.750	.005.....	7479380	7479442	4
2.500	2.750	.010 AND UP.....	7479380	7479442	5
2.750	3.0625	.003.....	7479382	7479444	2
2.750	3.0625	.005.....	7479382	7479444	4
2.750	3.0625	.010 AND UP.....	7479382	7479444	5]
3.0625	3.4375	.003.....	7479384	7479446	2
3.0625	3.4375	.005.....	7479384	7479446	5
3.0625	3.4375	.010 AND UP.....	7479384	7479446	5
3.4375	3.8125	.003.....	7479386	7479448	2
3.4375	3.8125	.005.....	7479386	7479448	4
3.4375	3.8125	.010 AND UP.....	7479386	7479448	5
3.8125	4.1875	.003.....	7479388	7479450	2
3.8125	4.1875	.005.....	7479388	7479450	4
3.8125	4.1875	.010 AND UP.....	7479388	7479450	5
4.1875	4.5625	.003.....	7479390	7479452	2
4.1875	4.5625	.005.....	7479390	7479452	4
4.1875	4.5625	.010 AND UP.....	7479390	7479452	5
4.5625	4.9375	.003.....	7479392	7479454	2
4.5625	4.9375	.005.....	7479392	7479454	4
4.5625	4.9375	.010 AND UP.....	7479392	7479454	5
4.9375	5.3125	.003.....	7479394	7479456	2
4.9375	5.3125	.005.....	7479394	7479456	4
4.9375	5.3125	.010 AND UP.....	7479394	7479456	5
5.3125	5.6875	.003.....	7479396	7479458	2
5.3125	5.6875	.005.....	7479396	7479458	4
5.3125	5.6875	.010 AND UP.....	7479396	7479458	5
5.6875	6.125	.003.....	7479398		3
5.6875	6.125	.005.....	7479398		5
5.6875	6.125	.010 AND UP.....	7479398		5
6.125	6.625	.003.....	7479400		3
6.125	6.625	.005.....	7479400		5
6.125	6.625	.010 AND UP.....	7479400		5

MIL-STD-118

14 January 1953

TABLE I.—(Continued).

Range		Total component tolerance <sup>1</sup>	Military standard part numbers		Gage set tol.
Above	To & incl.		Fig. No. 17	Fig. No. 18	
A	B	C	D <sup>2</sup>	E	F
6.625	7.125	.003.....	7479402		3
6.625	7.125	.005.....	7479402		5
6.625	7.125	.010 AND UP.....	7479402		6
7.125	7.625	.003.....	7479404		3
7.125	7.625	.005.....	7479404		5
7.125	7.625	.010 AND UP.....	7479404		6
7.625	8.125	.003.....	7479406		3
7.625	8.125	.005.....	7479406		5
7.625	8.125	.010 AND UP.....	7479406		6
8.125	8.625	.003.....	7479408		3
8.125	8.625	.005.....	7479408		5
8.125	8.625	.010 AND UP.....	7479408		6
8.625	9.125	.003.....	7479410		3
8.625	9.125	.005.....	7479410		5
8.625	9.125	.010 AND UP.....	7479410		6
9.125	9.625	.003.....	7479412		3
9.125	9.625	.005.....	7479412		5
9.125	9.625	.010 AND UP.....	7479412		6
9.625	10.125	.003.....	7479414		3
9.625	10.125	.005.....	7479414		5
9.625	10.125	.010 AND UP.....	7479414		6
10.125	10.625	.003.....	7479416		3
10.125	10.625	.005.....	7479416		5
10.125	10.625	.010 AND UP.....	7479416		6
10.625	11.125	.003.....	7479418		3
10.625	11.125	.005.....	7479418		5
10.625	11.125	.010 AND UP.....	7479418		6
11.125	11.625	.003.....	7479420		3
11.125	11.625	.005.....	7479420		5
11.125	11.625	.010 AND UP.....	7479420		6

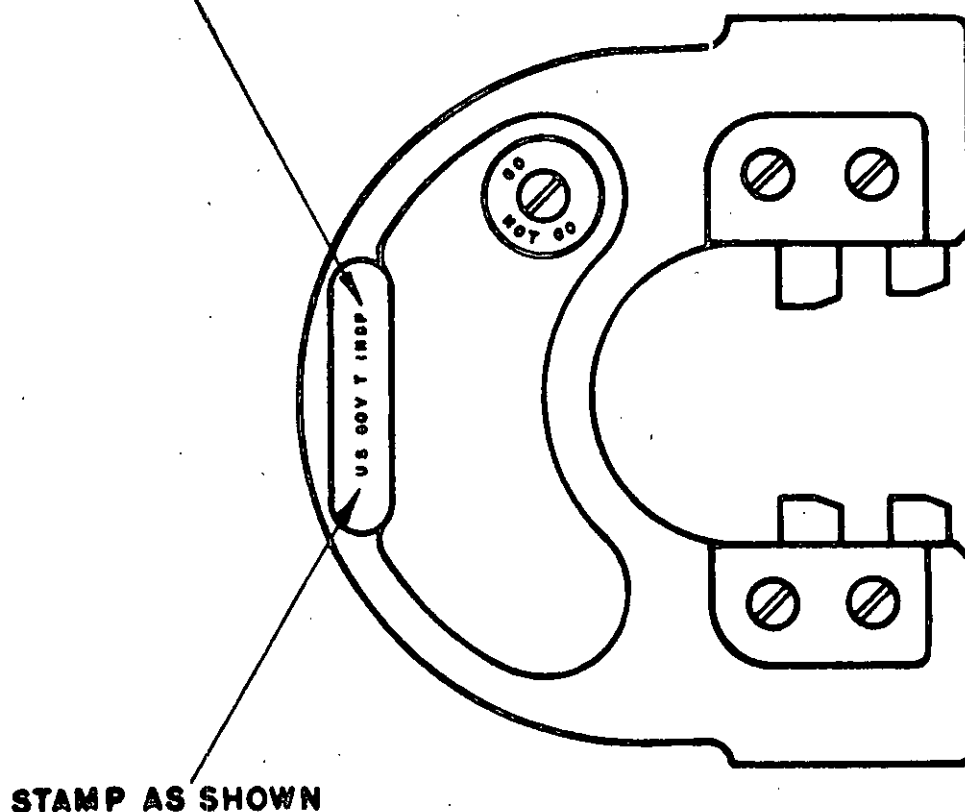
<sup>1</sup> When the component tolerance falls between the ranges shown in column C, the gage setting tolerance will be that shown for the next lower component tolerance.

<sup>2</sup> Column D lists model MC snap gage part numbers for range .000 to .750, and model C snap gage part numbers for ranges above .750.

MIL-STD-118

14 January 1953

STAMP THE PART NUMBER GIVEN IN  
COLUMN E OF TABLE II ON REVERSE SIDE



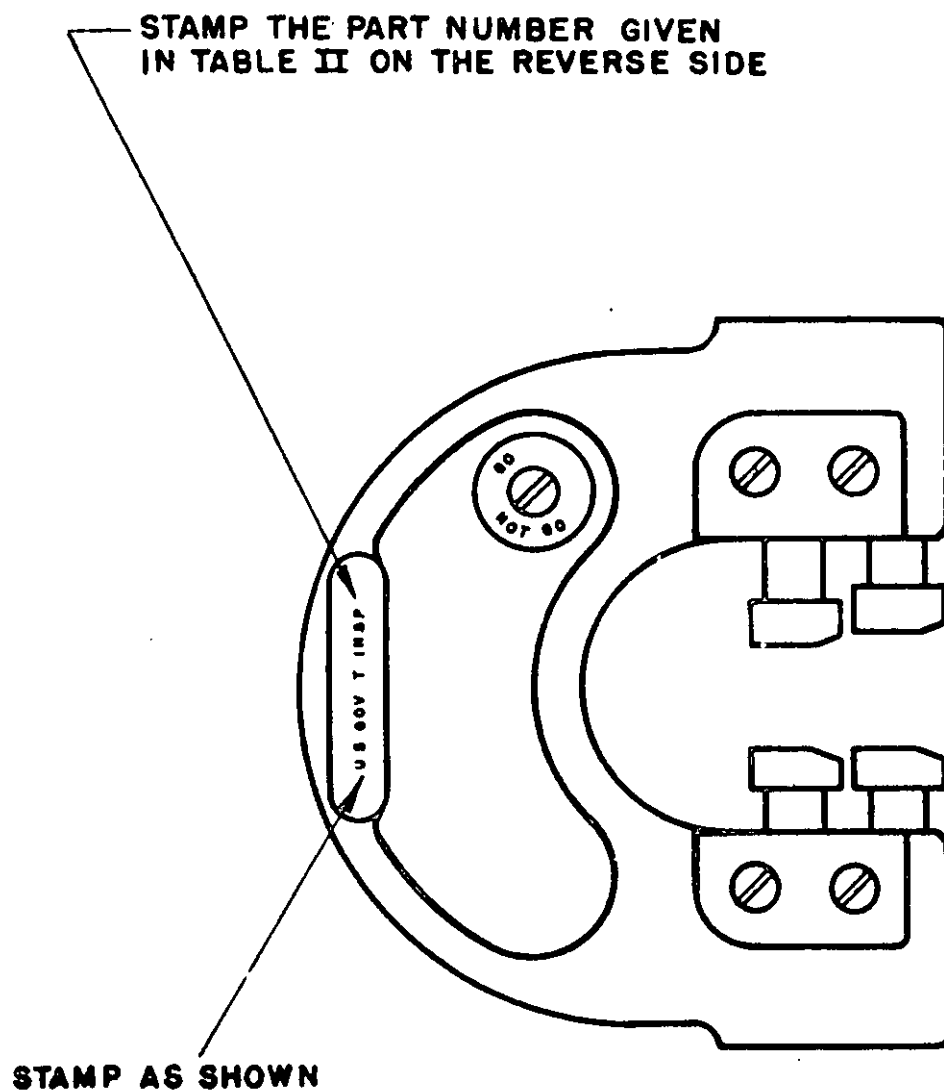
STAMP AS SHOWN

AGD MODEL A  
PART NUMBERS (7479300-7479330)

FIGURE 15.

MIL-STD-118

14 January 1953



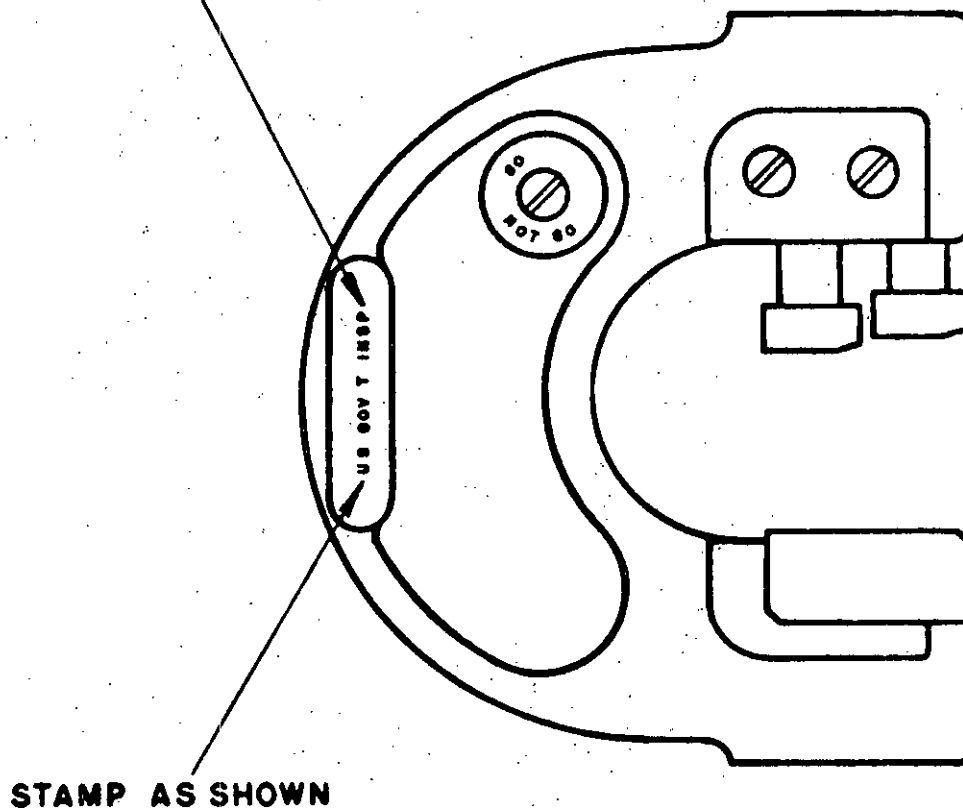
**AGD MODEL B**  
**PART NUMBERS (7479332 - 7479359)**

FIGURE 16.

MIL-STD-118

14 January 1953

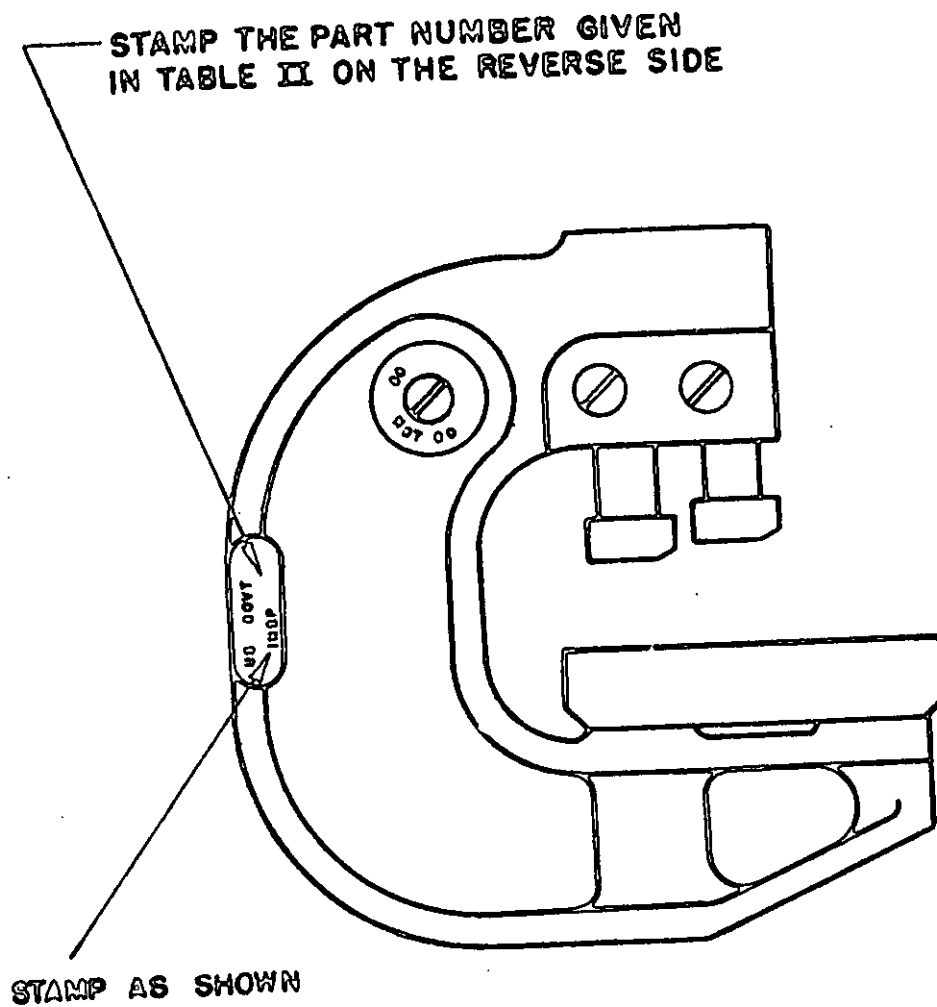
STAMP THE PART NUMBER GIVEN  
IN TABLE II ON THE REVERSE SIDE



AGD MODELS C & MC  
PART NUMBERS (7479360 - 7479421)  
AND (7479460 - 7479467)

FIGURE 17.

MIL-STD-118  
14 January 1963



AGD MODEL E  
PART NUMBERS (7479422-7479459)

FIGURE 18.

MIL-STD-118

14 January 1953

TABLE II

Fig. No.	Frame designation	Range		Military standard part numbers		
				Type of pin		
		Above	To & incl.	Pin	Square button	Round button
A	B	C	D	E	F	G
15	A1	.000	.500	7479300		
15	A2	.500	1.000	7479302		
15	A3	1.000	1.500	7479304		
15	A4	1.500	2.000	7479306		
15	A5	2.000	2.500	7479308		
15	A6	2.500	3.000	7479310		
15	A7	3.000	3.750	7479312		
15	A8	3.750	4.500	7479314		
15	A9	4.500	5.250	7479316		
15	A10	5.250	6.000	7479318		
15	A11	6.000	7.000	7479320		
15	A12	7.000	8.000	7479322		
15	A13	8.000	9.000	7479324		
15	A14	9.000	10.000	7479326		
15	A15	10.000	11.000	7479328		
15	A16	11.000	12.000	7479330		
16	B3	.500	1.000		7479332	7479333
16	B4	1.000	1.500		7479334	7479335
16	B5	1.500	2.000		7479336	7479337
16	B6	2.000	2.500		7479338	7479339
16	B7	2.500	3.125		7479340	7479341
16	B8	3.125	3.875		7479342	7479343
16	B9	3.875	4.625		7479344	7479345
16	B10	4.625	5.375		7479346	7479347
16	B11	5.375	6.250		7479348	7479349
16	B12	6.250	7.250		7479350	7479351
16	B13	7.250	8.250		7479352	7479353
16	B14	8.250	9.250		7479354	7479355
16	B15	9.250	10.250		7479356	7479357
16	B16	10.250	11.250		7479358	7479359
17	C1	.000	.250		7479360	7479361
17	C2	.250	.500		7479362	7479363
17	C2X	.500	.750		7479364	7479365
17	C3	.750	1.000		7479366	7479367
17	C3X	1.000	1.250		7479368	7479369
17	C4	1.250	1.500		7479370	7479371
17	C4X	1.500	1.750		7479372	7479373
17	C5	1.750	2.000		7479374	7479375
17	C5X	2.000	2.250		7479376	7479377
17	C6	2.250	2.500		7479378	7479379
17	C6X	2.500	2.750		7479380	7479381
17	C7	2.750	3.0625		7479382	7479383
17	C7X	3.0625	3.4375		7479384	7479385
17	C8	3.4375	3.8125		7479386	7479387
17	C8X	3.8125	4.1875		7479388	7479389
17	C9	4.1875	4.5625		7479390	7479391
17	C9X	4.5625	4.9375		7479392	7479393
17	C10	4.9375	5.3125		7479394	7479395

MIL-STD-118

14 January 1953

TABLE II.—(Continued).

Fig. No.	Frame designation	Range		Military standard part numbers		
				Type of pin		
		Above	To & incl.	Pin	Square button	Round button
A	B	C	D	E	F	G
17	C10X	5.3125	5.6875		7479396	7479397
17	C11	5.6875	6.125		7479398	7479399
17	C11X	6.125	6.625		7479400	7479401
17	C12	6.625	7.125		7479402	7479403
17	C12X	7.125	7.625		7479404	7479405
17	C13	7.625	8.125		7479406	7479407
17	C13X	8.125	8.625		7479408	7479409
17	C14	8.625	9.125		7479410	7479411
17	C14X	9.125	9.625		7479412	7479413
17	C15	9.625	10.125		7479414	7479415
17	C15X	10.125	10.625		7479416	7479417
17	C16	10.625	11.125		7479418	7479419
17	C16X	11.125	11.625		7479420	7479421
18	E1	.000	.250		7479422	7479423
18	E2	.250	.500		7479424	7479425
18	E2X	.500	.750		7479426	7479427
18	E3	.750	1.000		7479428	7479429
18	E3X	1.000	1.250		7479430	7479431
18	E4	1.250	1.500		7479432	7479433
18	E4X	1.500	1.750		7479434	7479435
18	E5	1.750	2.000		7479436	7479437
18	E5X	2.000	2.250		7479438	7479439
18	E6	2.250	2.500		7479440	7479441
18	E6X	2.500	2.750		7479442	7479443
18	E7	2.750	3.0625		7479444	7479445
18	E7X	3.0625	3.4375		7479446	7479447
18	E8	3.4375	3.8125		7479448	7479449
18	E8X	3.8125	4.1875		7479450	7479451
18	E9	4.1875	4.5625		7479452	7479453
18	E9X	4.5625	4.9375		7479454	7479455
18	E10	4.9375	5.3125		7479456	7479457
18	E10X	5.3125	5.6875		7479458	7479459
17	MC-00	.000	.195		7479460	7479461
17	MC-00X	.195	.385		7479462	7479463
17	MC-0	.385	.570		7479464	7479465
17	MC-0X	.570	.760		7479466	7479467



MIL-STD-118

14 January 1953

Copies of this military standard may be obtained by directing requests as follows:

For Department of the Army agencies, to the Office of the Chief of Ordnance, Washington 25, D. C.

For Department of the Army contractors, to the Contracting Officer.

For Department of the Navy activities, to the Supply Officer in Command, Naval Supply Center, Scotia 2, New York.

For Department of the Navy contractors, to the Bureau of Supplies and Accounts, Washington 25, D. C.

For the Marine Corps, to the Quartermaster General, Headquarters, U. S. Marine Corps, Washington 25, D. C.

For Department of the Air Force activities and Air Force contractors, to the Commanding General, Air Matériel Command, Wright-Patterson Air Force Base, Ohio.

Copies of this Military Standard may be obtained by individuals, firms or contractors from the Government Printing Office.

Both the title and the identifying symbol number should be stipulated when requesting copies of Military Standards.

**Custodians:**

Army—Ordnance Corps  
Navy—Bureau of Ordnance  
Air Force

**Other interests:**

Army—CMEQSig T  
Navy—ShM&SYM&C&C&G.

**INSTRUCTIONS:** In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (**DO NOT STAPLE**), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

**NOTE:** This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

(Fold along this line)

(Fold along this line)

DEPARTMENT OF THE ARMY



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

**BUSINESS REPLY MAIL**

FIRST CLASS PERMIT NO. 12062 WASHINGTON D. C.

POSTAGE WILL BE PAID BY THE DEPARTMENT OF THE ARMY

Commander  
US Army Materiel Development & Readiness Command  
ATTN: DRCDE-I  
5001 Eisenhower Avenue  
Alexandria, VA 22333



**STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL***(See Instructions - Reverse Side)***1. DOCUMENT NUMBER****2. DOCUMENT TITLE****3a. NAME OF SUBMITTING ORGANIZATION****4. TYPE OF ORGANIZATION (Mark one)**☐ **VENDOR**☐ **USER**☐ **MANUFACTURER**☐ **OTHER (Specify):** \_\_\_\_\_**b. ADDRESS (Street, City, State, ZIP Code)****5. PROBLEM AREAS****a. Paragraph Number and Wording:****b. Recommended Wording:****c. Reason/Rationale for Recommendation:****6. REMARKS****7a. NAME OF SUBMITTER (Last, First, MI) - Optional****b. WORK TELEPHONE NUMBER (Include Area Code) - Optional****c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional****d. DATE OF SUBMISSION (YYMMDD)**

TO DETACH THIS PORT: CUT ALONG THIS LINE.