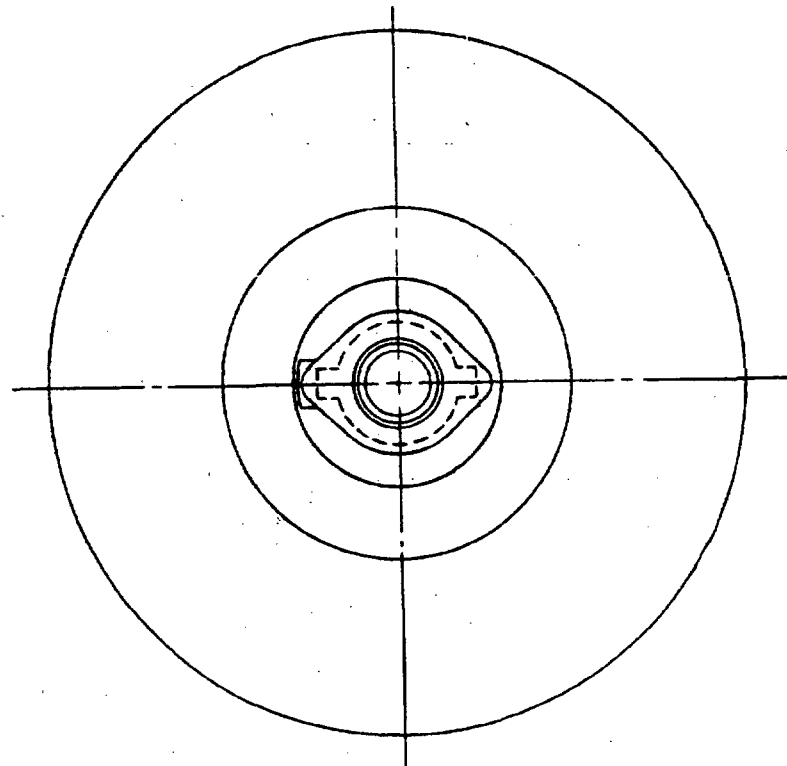
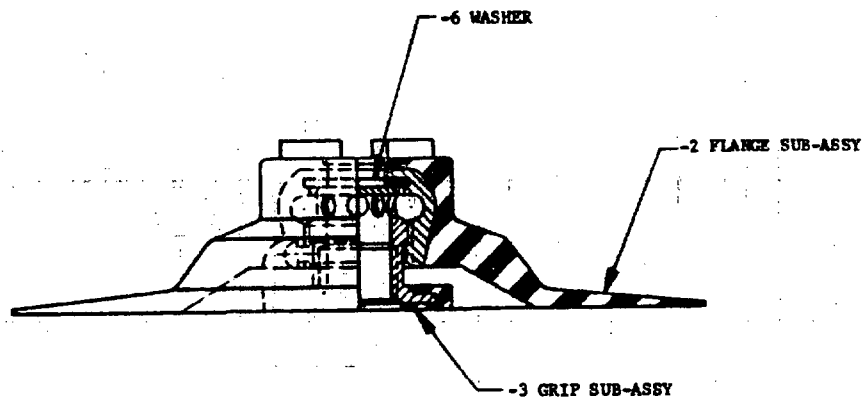


PROJECT NO. 4120-0205

FED. SUP CLASS
4220USER SYMBOLS:
NAVY - SH, MC
ARMY - AVREVIEWER SYMBOLS:
ARMY - AV
USAF - 84
NSA - C3"Review/user information is current as of the date of this document.
For future coordination of changes to this document, direct circulation
should be based on the information in the current copies."This military standard is approved for use by all Departments
& Agencies of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.-1 VALVE ASSY

FOR NOTES SEE SHEET 5

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(A) ENTIRE STANDARD REVISED AND REDRAWN.

P.A. NAVY - AS Other Cust	TITLE VALVE, LIFE RAFTS FLUSH TYPE, TOPPING OFF (FOR MULTIPLE LIFE RAFTS)	MILITARY STANDARD	
		MS22054	
ARMY - ME USAF - 82		SHEET	OF
PROCUREMENT SPECIFICATION NONE	SUPERSEDES MS22054 (ASG)	1	5

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 23055

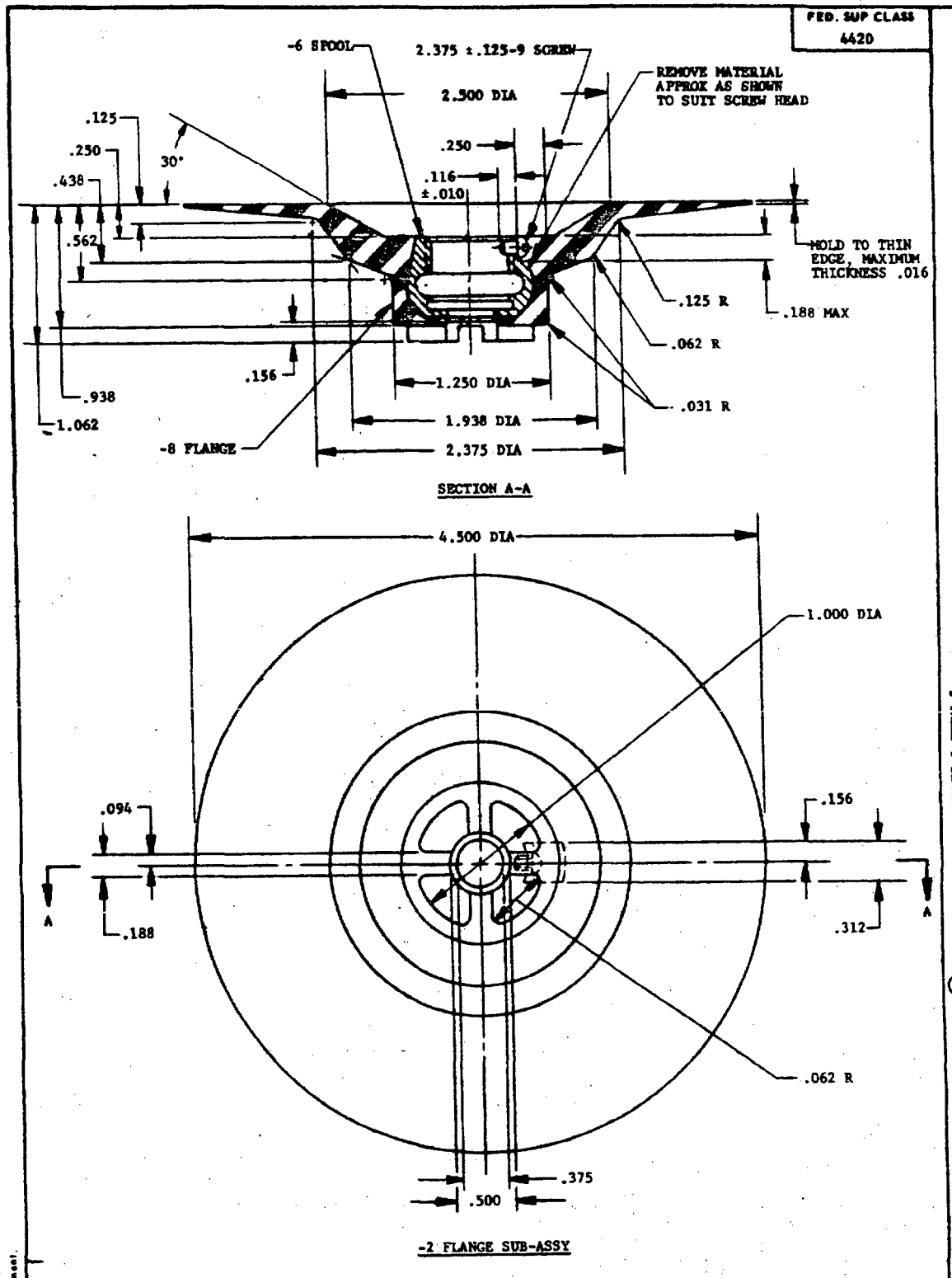
APPROVED 17 AUG 1961 REVISED (A) 22 JAN 1975

USER SYMBOLS:
NAVY - SH, MC
ARMY - AV

REVIEWER SYMBOLS:
ARMY - AV
USAF - 84
NSA - CS

"Review/revise information is current as of the date of this document.
For future coordination of changes to this document, draft attention
should be based on the information in the current 00115."

This military standard is approved for use by all Departments
of the Department of Defense. Solicitation for all new
engineering and design applications and for repetitive use shall
be made from this document.



FED. SUP CLASS
4420

APPROVED 17 AUG 1961 REVISED (A) FOR CHANGES SEE SHEETS 1 THRU 5

P.A.
NAVY - AS
Other Cost

ARMY - ME
USAF - 82

PROCUREMENT SPECIFICATION
NONE

TITLE

VALVE, LIFE RAFTS FLUSH TYPE, TOPPING OFF
(FOR MULTIPLE LIFE RAFTS)

SUPERSEDES:

MS22054 (ASG)

MILITARY STANDARD

MS22054

SHEET 2 OF 5

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

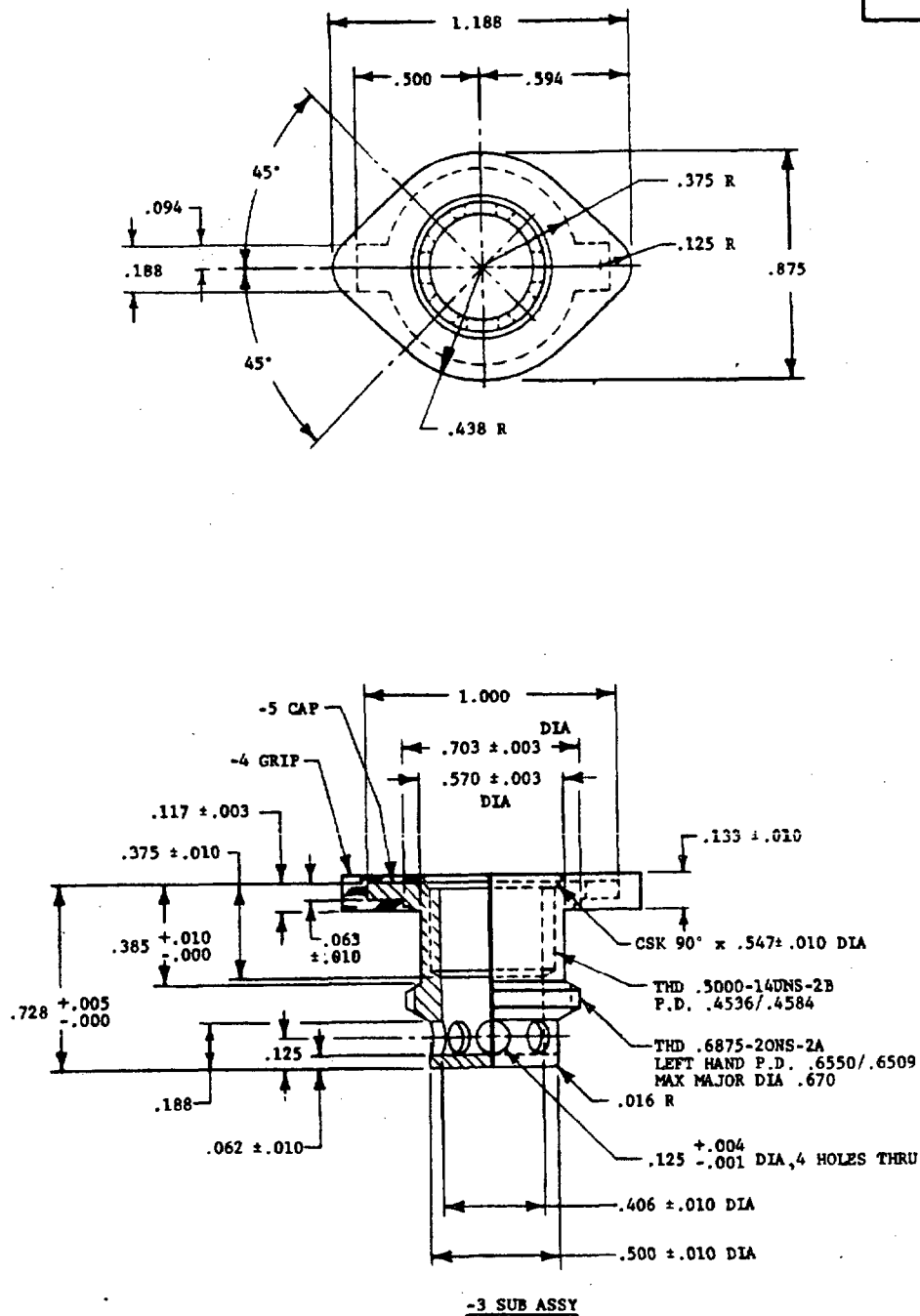
PLATE NO. 22054

USER SYMBOLS:
NAVY - SH, MC
ARMY - AV

REVIEWER SYMBOLS:
ARMY - AV
USAF - 84
DSA - CS

"Review/audit information is current as of the date of this document.
Per future coordination of changes to this document, draft elimination
should be based on the information in the current DD0198."

This military standard is approved for use by all Departments
of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.



P.A. NAVY - AS Other Cust ARMY - ME USAF - 82	TITLE VALVE, LIFE RAFTS FLUSH TYPE, TOPPING OFF (FOR MULTIPLE LIFE RAFTS)	MILITARY STANDARD MS22054
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: MS22045 (ASG)	SHEET 3 OF 5

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 23085

APPROVED 17 AUG 1961 REVISED (A) FOR CHANGES SEE SHEETS 1 THRU 5

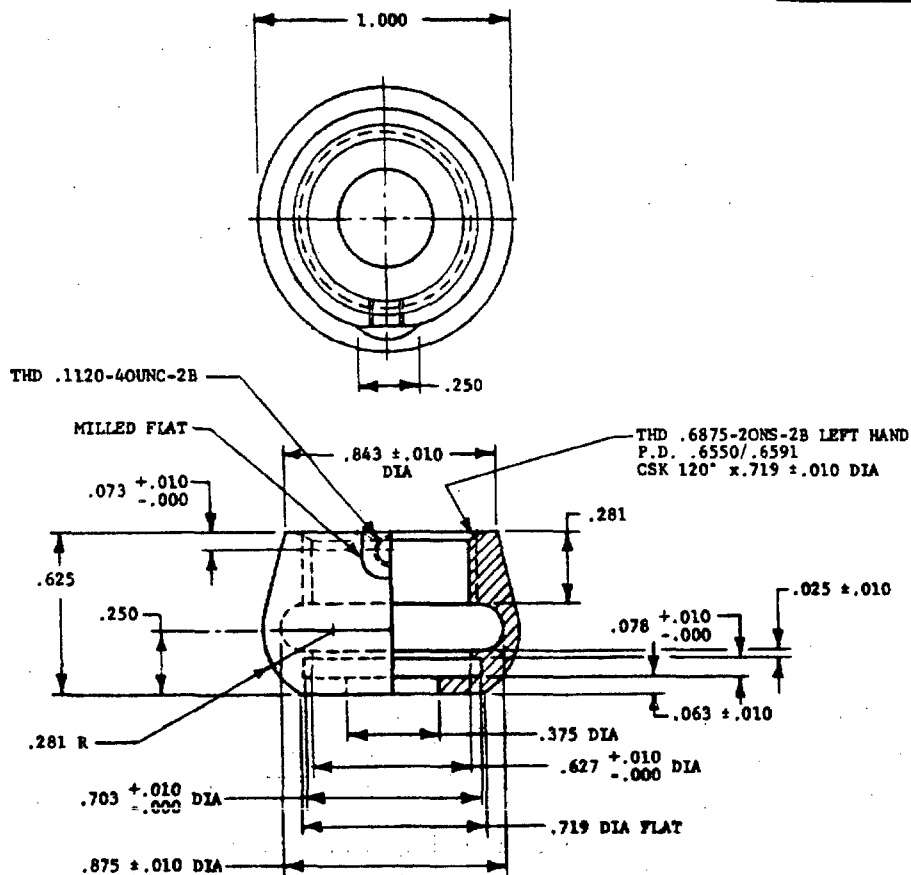
USER SYMBOLS:
NAVY - SH, MC
ARMY - AV

REVIEWER SYMBOLS:
ARMY - AV
USAF - 84
NSA - CS

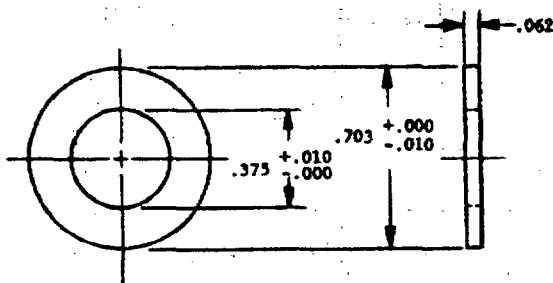
"Notations/notes information is current as of the date of this document.
For future coordination of changes to this document, draft circulation
should be based on the information in the current 800188."

This military standard is approved for use by all Departments
of the Department of Defense. Selection for all new
engineering and design applications and for repetitive use shall
be made from this document.

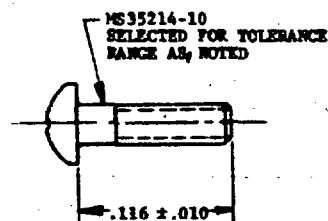
FED. SUP CLASS
4420



-6 SPOOL



-7 WASHER



-9 SCREW

SELECTED ITEM PART

APPROVED 17 AUG 1961 REVISED (A) FOR CHANGES SEE SHEETS 1 THRU 5

P.A. NAVY - AS Other Cust ARMY - ME USAF - 82	TITLE VALVE, LIFE RAFTS FLUSH TYPE, TOPPING OFF (FOR MULTIPLE LIFE RAFTS)	MILITARY STANDARD MS22054
PROCUREMENT SPECIFICATION NONE	SUPERSEDES: MS22054 (ASG)	SHEET 4 OF 5

DD FORM 672-1 (Coordinated)
1 MAR 72

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 22000

FED. SUP CLASS
4420USER SYMBOLS:
NAVY - SH, MC
ARMY - AVREVIEWER SYMBOLS:
ARMY - AV
USAF - 84
DSA - CS"Review/revise information is current as of the date of this document.
Per future coordination of changes to this document, draft circulation
should be based on the information in the current DODISS."This military standard is approved for use by all Departments
& Agencies of the Department of Defense. Selection for all new
engineering and design applications and for replacing use shall
be made from this document.

TEST REQUIREMENTS: THE MOLDED RUBBER FLANGE -8 OF -2 SUB ASSY SHALL NOT STRIP AWAY FROM THE BRASS SPOOL -6 OF THE TOPPING OFF VALVE, NOR SHALL THE RUBBER FLANGE (-8) FAIL BELOW 75 LBS., WHEN INSPECTED AS FOLLOWS:
"THE RUBBER FLANGE -8 SHALL BE SLIT INTO SIX EQUAL SEGMENTS. TWO OF THE DIAMETRICAL OPPOSITE SEGMENTS SHALL BE CLAMPED IN THE JAWS OF A SUITABLE INSPECTION APPARATUS OPERATING WITH THE MOVABLE JAW SEPARATING AT A RATE OF $2 \pm 1/8$ INCHES PER MINUTE UNDER NO LOAD. THE JAWS SHALL BE OPERATED UNTIL FAILURE OCCURS. (THIS INSPECTION SHALL BE REPEATED FOR EACH REMAINING TWO DIAMETRICAL OPPOSITE SEGMENTS.) THE SEGMENTS UNDER TEST SHALL BE OBSERVED FOR CONFORMANCE TO REQUIREMENTS." CERTIFICATE OF COMPLIANCE SHALL BE FURNISHED WHEN REQUIRED.

NOTES:

1. MATERIAL: -6 SPOOL AND -5 CAP SHALL BE BRASS, SPECIFICATION QQ-B-626 COMPOSITION 360, HALF HARD;
-7 WASHER, -8 FLANGE, AND -4 GRIP SHALL BE SYNTHETIC OR NATURAL RUBBER, COMMERCIAL.
2. THREADS TO BE IN ACCORDANCE WITH HANDBOOK H28.
3. HARDNESS: WASHER, SHORE DUROMETER 65 TO 70; FLANGE AND GRIP, SHORE DUROMETER 50 TO 60.
4. ALL RUBBER SECTIONS SHALL BE MOLDED AND CURED.
5. WASHER SHALL BE SECURELY CEMENTED IN PLACE USING A SUITABLE RUBBER TO METAL CEMENT. CARE MUST BE TAKEN TO KEEP THREADS AND OPENING FREE OF CEMENT.
6. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: THREE PLACE DECIMALS $\pm .016$, ANGLES $\pm 1/2^\circ$.

APPROVED 17 AUG 1961 REVISED A FOR CHANGES SEE SHEETS 1 THRU 5

P.A. NAVY - AS Other Code ARMY - ME USAF - 82	TITLE VALVE, LIFE RAFTS, FLUSH TYPE, TOPPING OFF (FOR MULTIPLE LIFE RAFTS)	MILITARY STANDARD MS22054
PROCUREMENT SPECIFICATION NONE	SUPERSEDES MS22054 (ASG)	SHEET 5 OF 5

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 2205