

DIMENSIONAL DATA FOR CONTAINERS -1 THRU -7

MS PART NO.	LENGTH A	WIDTH B	DEPTH C (REF)	D ±.062	E ±.062	F	G	H ±.062	J ±.062	K	NO. OF LATCHES			SHIPPING CONDI- TION DWG (REF) (WHEN ITEM IS ENCLOSED)
											EACH SIDE	EACH END	TOTAL	
MS18026-1	6.375	5.250	4.375	1.625	---	2.125	2.250	1.625	3.107	1.420	2	0	4	MS18011-1
MS18026-2	9.750	5.250	3.750	1.687	---	1.500	2.250	1.697	4.250	1.420	2	0	4	MS18011-2
MS18026-3	7.375	6.250	4.062	1.607	---	1.812	2.250	1.607	3.687	1.420	2	0	4	MS18011-3
MS18026-4	8.375	6.875	5.250	1.607	1.687	2.625	2.625	1.697	3.562	1.593	2	2	6	MS18011-4
MS18026-5	9.125	6.000	5.875	1.697	---	2.937	2.937	1.697	4.187	1.593	2	0	4	MS18011-5
MS18026-6	9.625	7.125	4.937	1.687	1.607	2.468	2.468	1.607	4.187	1.593	2	2	6	MS18011-6
MS18026-7	8.250	7.125	6.812	1.607	1.607	3.406	3.406	1.687	4.125	1.593	2	2	6	MS18011-7

(A) ENTIRE STANDARD REVISED

P A  
NAVY JP  
Other Code

TITLE

CONTAINERS, REUSABLE, ALUMINUM, HAND  
PORTABLE

MILITARY STANDARD

MS18026(WP)

REQUIREMENT SPECIFICATION  
ALL-2 23525 (1sp)

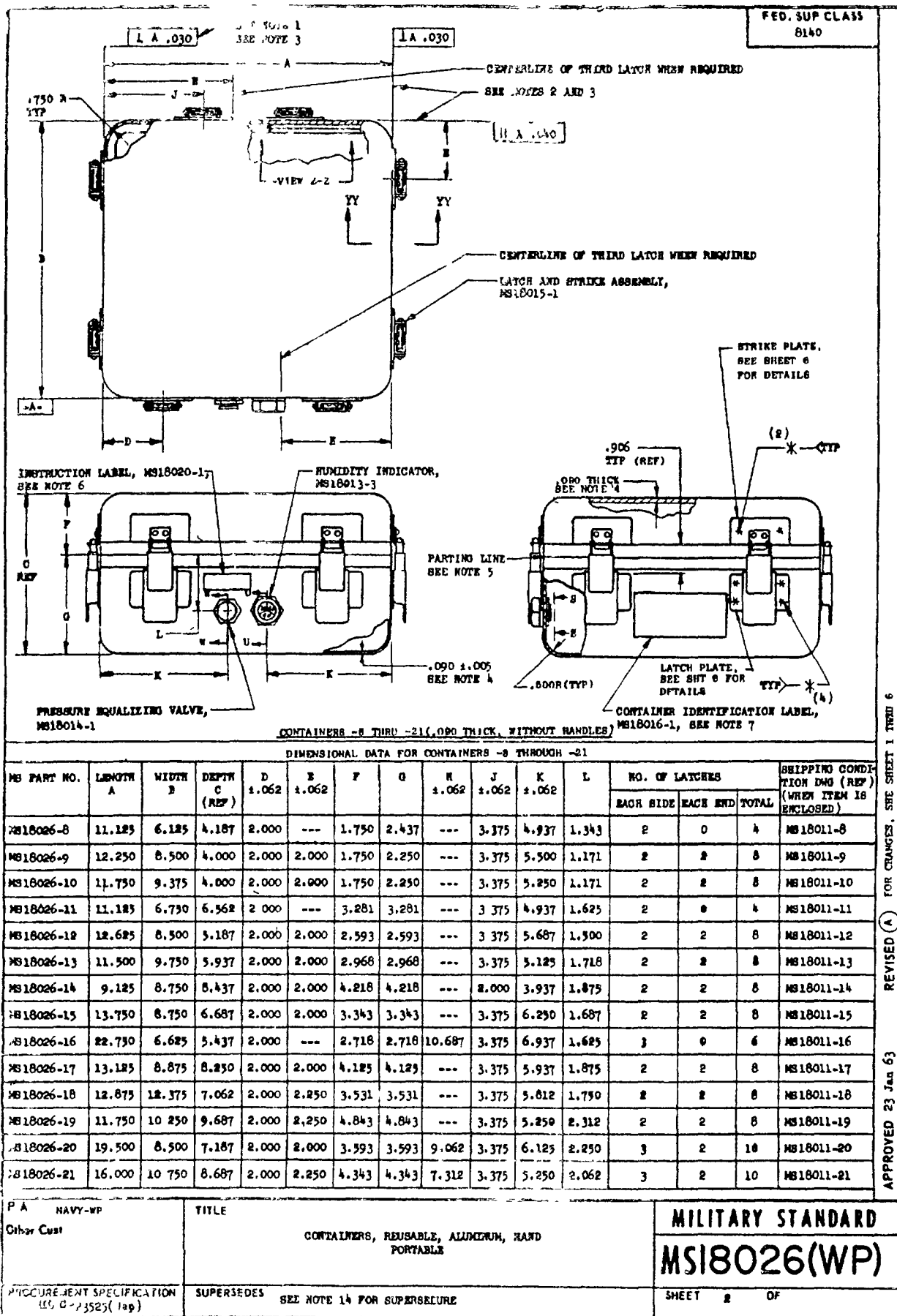
SUPERSEDES

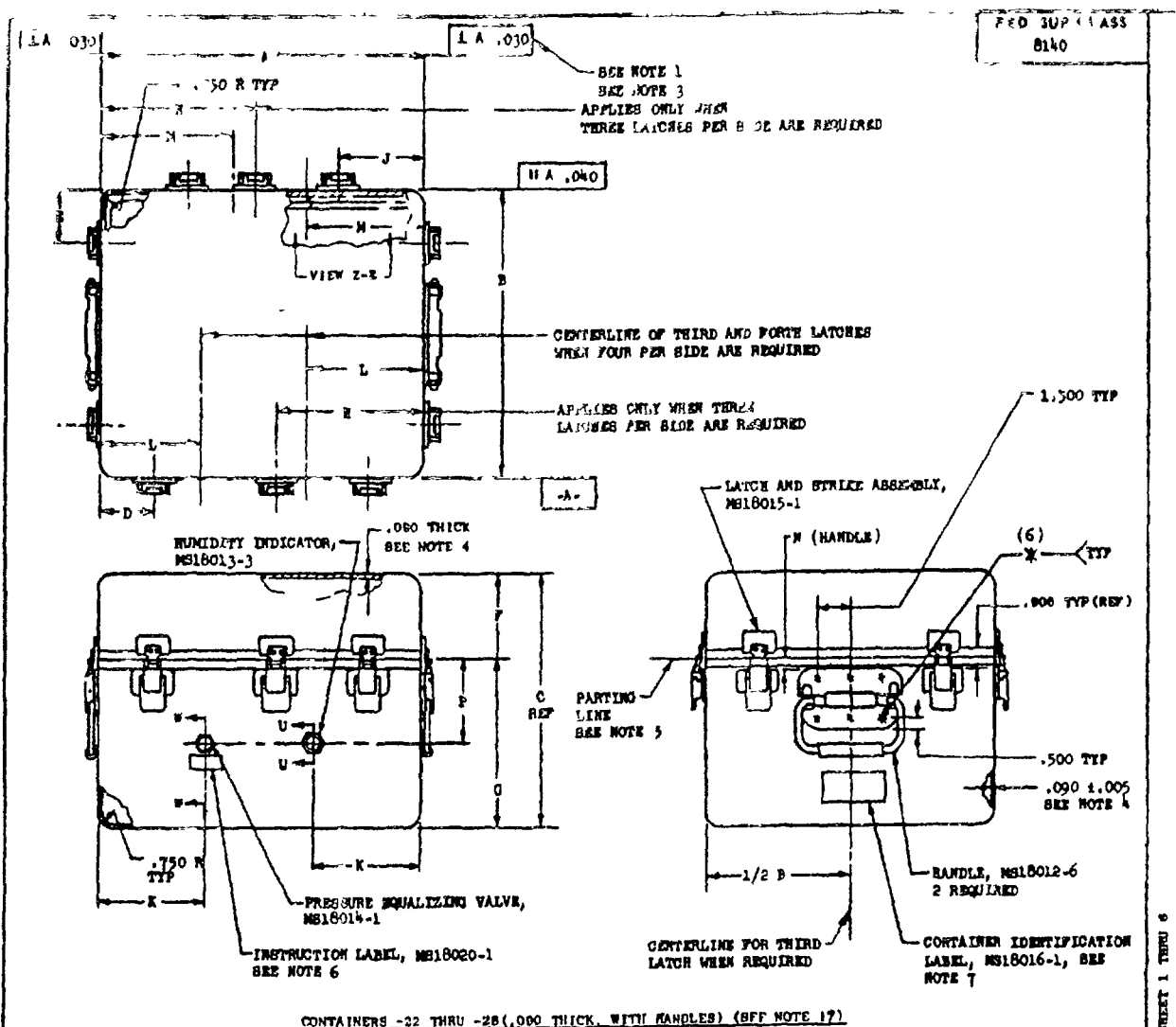
SEE NOTE 14 FOR SUPERSEEDURE

SHEET 1 OF 5

This work is the property of the Navy Department and is loaned to you by the Navy Department. All other activities are required to be conducted in accordance with the standard herein.

APPROVED 23 Jan 63  
REVISED 24 December 1964





DIMENSIONAL DATA FOR CONTAINERS -22 THRU -28

MS PART NO.	LENGTH A	WIDTH B	DEPTH C (REF)	D ±.062	E ±.062	F	G	H ±.062	J ±.062	K ±.062	L ±.062	M ±.062	N ±.062	P ±.062	NO. OF LATCHES EACH SIDE EACH END TOTAL	SHIPPING CONDI- TION Dwg (REF) (WHEN ITEM IS ENCLOSED)
MS18026-22	15.000	13.625	12.000	2.250	2.500	4.000	8.000	6.812	3.625	6.875	---	---	1.250	4.000	3 2 10	MS18011-22
MS18026-23	23.625	14.500	9.750	3.000	2.750	2.750	7.000	---	4.375	11.187	7.375	8.750	2.125	3.500	4 3 14	MS18011-23
MS18026-24	22.500	13.000	11.500	2.625	2.625	3.500	8.000	---	4.000	10.625	7.875	9.250	2.125	4.000	4 3 14	MS18011-24
MS18026-25	18.500	15.000	12.000	2.750	2.750	4.000	8.000	8.562	4.125	8.625	---	---	2.125	4.000	3 3 12	MS18011-25
MS18026-26	26.000	14.750	11.750	2.750	2.750	3.250	8.500	---	4.125	12.375	8.500	9.875	2.125	4.500	4 3 14	MS18011-26
MS18026-27	22.875	17.250	11.625	2.750	2.750	3.125	8.500	---	4.125	10.812	7.125	8.500	2.125	4.500	4 3 14	MS18011-27
MS18026-28	22.000	19.000	16.000	2.500	3.000	7.500	8.500	---	3.875	10.375	7.125	8.500	2.125	5.000	4 3 14	MS18011-28

APPROVED 23 Jan 63 REVISED (A) FOR CHANGES, SEE SHEET 1 THRU 6

NAVY TP

TITLE

CONTAINERS, REPAIRABLE, ALUMINUM, AND  
STEEL

MILITARY STANDARD

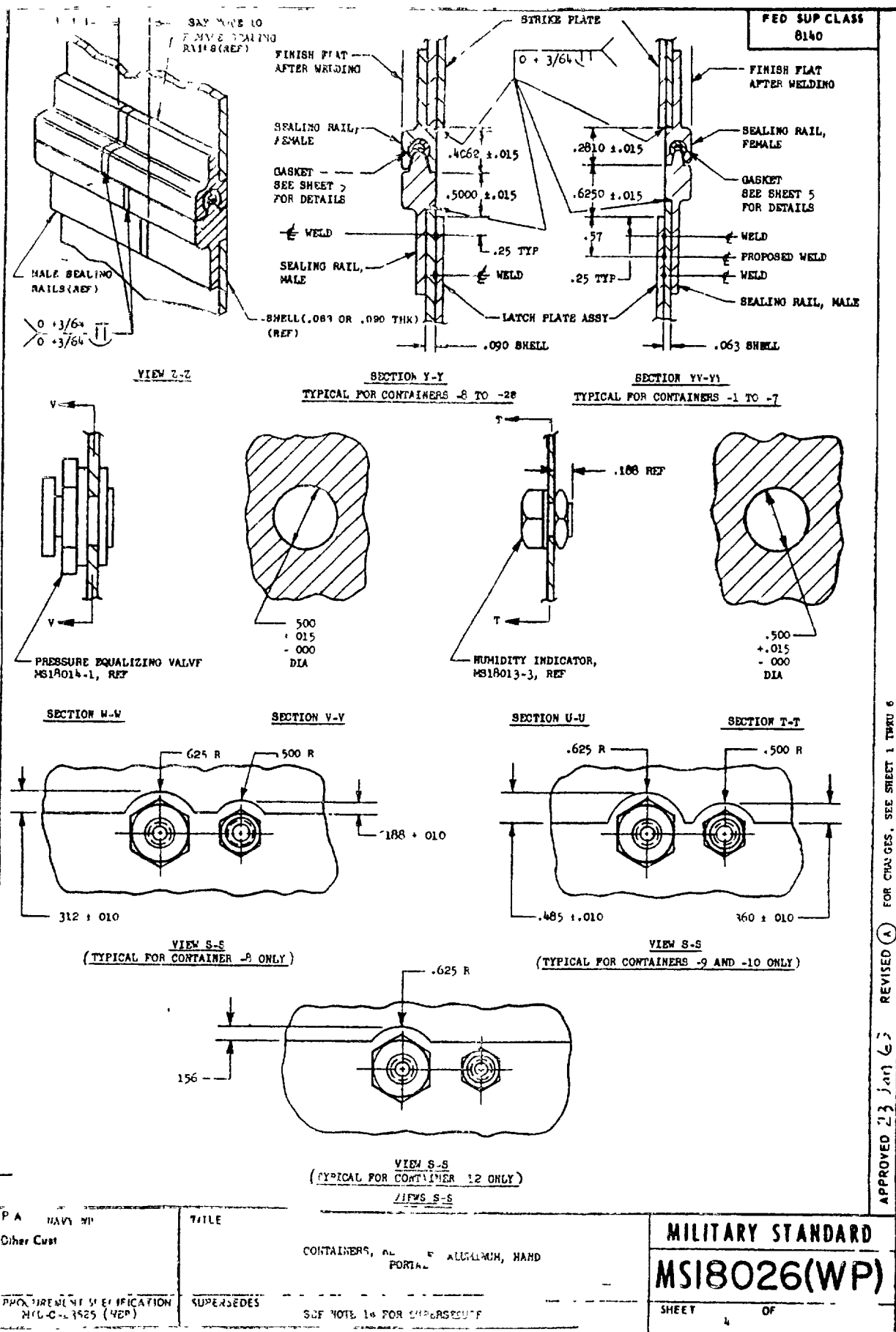
MS18026(WP)

PROCUREMENT SPECIFICATION

SUPERSEDES SEE NOTE 15 FOR SUPERSEDDING

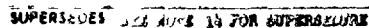
SHEET 3 OF

1. This drawing is the property of the Bureau of Naval Weapons, and is loaned to your activity for use by your activity. All drawings are to be returned to the Bureau of Naval Weapons when requested. This drawing is not to be reproduced without written permission from the Bureau of Naval Weapons.

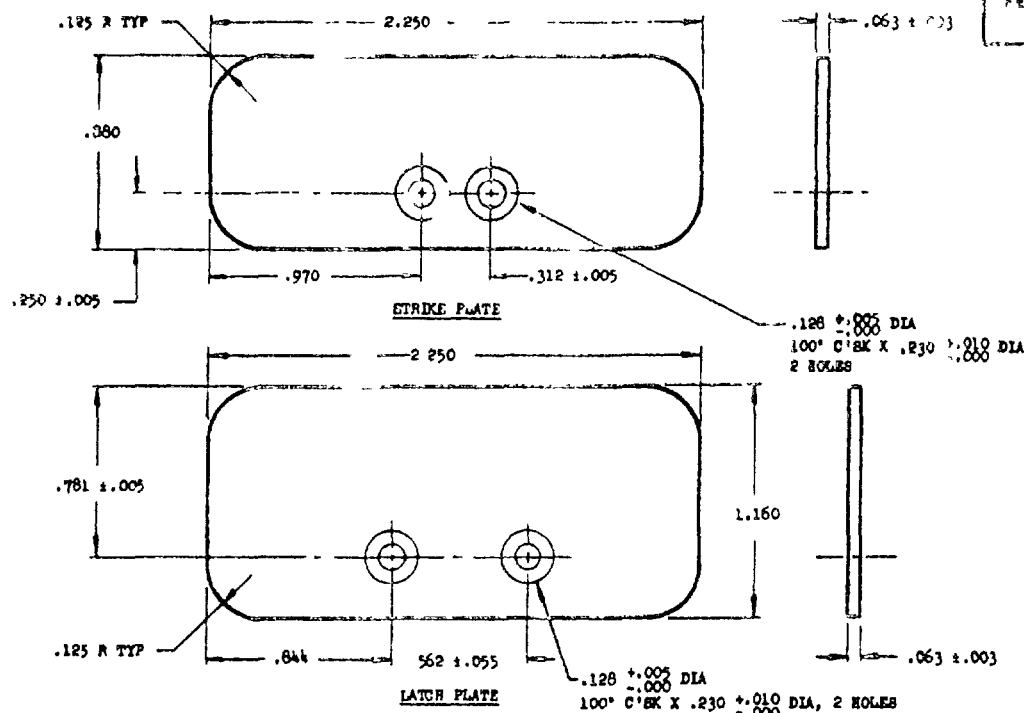


... is a... by the... of naval weapons...  
... is mandatory for use by...  
... other military activities are required...  
... the standard where the table

APPROVED 23 Jan 63 REVISED A FOR CHANGES, SEE SHEET 1 THRU 6



APPROVED 23 Jan 63 REVISED A FOR CHANGES, SEE SHEET 1 THRU 6



## NOTES:

1. GEOMETRIC CHARACTERISTICS SHALL BE INTERPRETED IN ACCORDANCE WITH MIL-STD-8.
2. SIDES AND ENDS OF CONTAINERS SHALL BE STRAIGHT WITHIN .030 INCH TOTAL INDICATOR READING (TIR) IN ANY 6 INCHES OF LENGTH AND .040 INCH TIR OVER ENTIRE LENGTH OF ANY SIDE OR END WHEN MEASURED ALONG OUTSIDE FLAT SURFACE OF SEALING RAIL.
3. MEASUREMENT FOR PARALLELISM AND PERPENDICULARITY OF SIDES SHALL BE MADE ALONG OUTSIDE FLAT SURFACES OF SEALING RAILS, 3 INCHES FROM THE LINE OF INTERSECTION OF ANY SIDE AND ANY END, INWARD, ALONG SIDES OF THE EXTRUSIONS.
4. TOLERANCES ON .063 AND .090 DIMENSIONS FOR MATERIAL THICKNESS ARE MILL TOLERANCES AND APPLY TO SHEET STOCK BEFORE FORMING.
5. SEALING RAILS SHALL BE FLAT WITHIN .020 INCH TIR IN ANY 6 INCHES OF LENGTH AND .040 INCH TIR OVER ENTIRE LENGTH OF ANY SIDE OR END.
6. LOCATION OF INSTRUCTION LABEL BROWN NOT MANDATORY. LOCATE ADJACENT TO PRESSURE EQUALIZER.
7. THE CONTAINER IDENTIFICATION LABEL SHALL BE LOCATED ON THE LOWER HALF OF THE CONTAINER, ON ANY SIDE, WHERE SPACE PERMITS.
8. VARIATION IN CORNER RADII ON ANY ONE CONTAINER SIZE SHALL NOT EXCEED .030 INCH.
9. VARIATION IN LENGTH OR WIDTH OF MATING HALVES OF CONTAINERS SHALL NOT EXCEED .020 INCH.
10. WELDING SYMBOLS SHALL BE INTERPRETED IN ACCORDANCE WITH JAN-STD-19. WELDED JOINTS AT ENDS OF SEALING RAILS SHALL BE LOCATED ON A STRAIGHT SIDE OR END, BETWEEN LATCHES. THEY SHALL BE STAGGERED SO THAT THE JOINT IN THE UPPER (FEMALE) RAIL DOES NOT COINCIDE WITH THE JOINT IN THE LOWER (MALE) RAIL. AT THE CONTRACTOR'S ELECTION, OTHER METHODS MAY BE UTILIZED FOR BONDING THE EXTRUSION TO THE CASE OR JOINING THE SEALING RAILS IN LIEU OF THE FUSION METHOD SPECIFIED IN THE PROCUREMENT DOCUMENT. SUCH ELECTION SHALL BE MADE AT THE CONTRACTOR'S RISK AND SHALL NOT IMPAIR IN ANY WAY HIS OBLIGATION TO MEET ALL PERFORMANCE STANDARDS AND OTHER REQUIREMENTS CALLED FOR BY ANY CONTRACT INCORPORATING THIS STANDARD. THE CONTRACTOR MAY ELECT TO USE A COMBINATION OF SPOT WELDS AND ORGANIC SEALANTS PROVIDED THE SPOT WELDS ARE SPACED A MINIMUM OF 2 INCHES APART ON CENTERS AND THAT THE CONTAINERS, SO CONSTRUCTED, MEET THE PERFORMANCE REQUIREMENTS OF THE PROCUREMENT DOCUMENT. THE GOVERNMENT DOES NOT WARRANT ANY METHOD OTHER THAN THE PRESCRIBED FUSION WELDING METHOD AND EXPRESSLY DISCLAIMS ALL LIABILITY OR WARRANTY FOR ANY OTHER METHOD ELECTED BY THE CONTRACTOR AS SUITABLE FOR USE IN THE PERFORMANCE OF HIS CONTRACT.
11. THE LENGTH OF ANY INDIVIDUAL SEALING RAIL SHALL BE AS REQUIRED FOR ITS APPLICABLE SHELL LESS .046 INCH MAXIMUM AS A WELDING ALLOWANCE. SEE VIEW 2-3.
12. TOLERANCES ON SEALING RAIL EXTRUSIONS SHALL BE IN ACCORDANCE WITH FEDERAL STANDARD 245.
13. FOR LENGTH OF GASKET SEE PROCUREMENT SPECIFICATION. MATERIAL FOR GASKET RUBBER CONFORMING TO SPECIFICATION MIL-R-3065, CODE NO. 80415A, C, F, Z (WHERE Z = 25 PERCENT MAXIMUM SET, 70 HOURS AT 212° F, METHOD B OF ASTM D395) SUGGESTED FORMULA AND CURING TIME IS AS FOLLOWS

## COMPOUNDING INGREDIENT

## PARTS BY WEIGHT

## COMPOUNDING INGREDIENT

## PARTS BY WEIGHT

NEOPRENE TYPE WRT  
NEOCONE D  
MAGNESIUM OXIDE  
MA-22

100  
1  
4  
0.75

THERMAX  
ZINC OXIDE  
PLASTICIZER SC

20-25  
5  
5-10

CURE 30 MINUTES AT 307° F.

14. SHEETS 1, 2, 3, AND 4 OF THIS STANDARD SUPERSEDE BUMPS DRAWING NO. 2210448. SHEET 5 OF THIS STANDARD SUPERSEDES BUMPS DRAWING NOS. 2241516, 2241517, 2241520, 2241521, 2249374, AND 2249375.
15. MATERIAL: SEE PROCUREMENT SPECIFICATION.
16. FINISH: SEE PROCUREMENT SPECIFICATION.
17. SHELLS FOR CONTAINERS -22 THROUGH -28 SHALL BE HEAT TREATED TO TEMPER T-6 AFTER FORMING AND PRIOR TO ASSEMBLY WITH SEALING RAILS. HEAT TREATMENT OF SHELLS FOR CONTAINERS -1 THROUGH -21 IS NOT REQUIRED.
18. BREAK ALL SHARP EDGES .022 INCH MAXIMUM.
19. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.031.
20. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
21. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. NAVY-2P

Other Cont

TITLE

CONTAINERS, REUSABLE, ALUMINUM, HAND  
PORTABLE

MILITARY STANDARD

MS18026(WP)

FOR THE SPECIFICATION  
11-11-52(100)

SUPERSEDES

SEE NOTE 14 FOR SUPERSEDE

SHEET 5 OF

REVISED 23 Jan 63

FOR CHANGES, SEE SHEET 1 THRU 6

APPROVED 23 Jan 63

This drawing has been approved by the Bureau of Naval Weapons, and is hereby made a mandatory part of the contract. All other military specifications are required to comply with this drawing unless otherwise indicated.