

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	8	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	8	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	8	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)

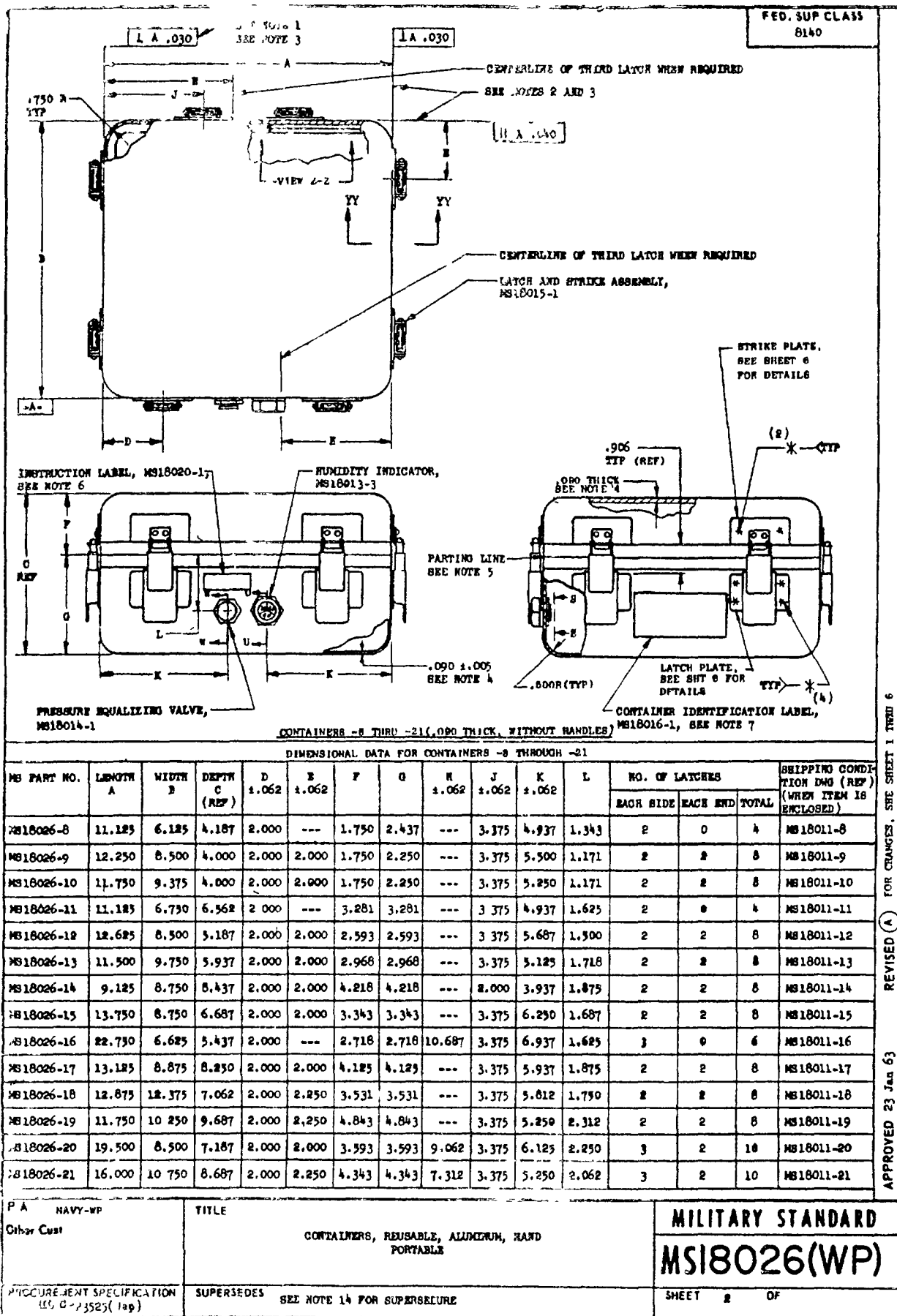
SUPERSEDES

SEE NOTE 14 FOR SUPERSEEDURE

SHEET 1 OF 5

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APPROVED 23 Jan 63
REVISED 24 December 1964



1 A .030

1 A .030

SEE NOTE 1
SEE NOTE 3
APPLIES ONLY WHEN
THREE LATCHES PER SIDE ARE REQUIRED

1 A .040

VIEW Z-Z

CENTERLINE OF THIRD AND FORTH LATCHES
WHEN FOUR PER SIDE ARE REQUIRED

APPLIES ONLY WHEN THREE
LATCHES PER SIDE ARE REQUIRED

1.500 TYP

LATCH AND STRIKE ASSEMBLY,
MS18015-1

H (HANDLE)

(6) TYP

.900 TYP (REF)

.500 TYP

.090 ± .005
SEE NOTE 4

1/2 B

CENTERLINE FOR THIRD
LATCH WHEN REQUIRED

CONTAINER IDENTIFICATION
LABEL, MS18016-1, SEE
NOTE 7

HUMIDITY INDICATOR,
MS18013-3

.060 THICK
SEE NOTE 4

PARTING
LINE
SEE NOTE 5

PRESSURE EQUALIZING VALVE,
MS18014-1

INSTRUCTION LABEL, MS18020-1
SEE NOTE 6

CONTAINERS -22 THRU -28 (.060 THICK, WITH HANDLES) (SEE NOTE 17)

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			SHIPPING CONDI- TION Dwg (REF) (WHEN ITEM IS ENCLOSED)
															EACH SIDE	EACH END	TOTAL	
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

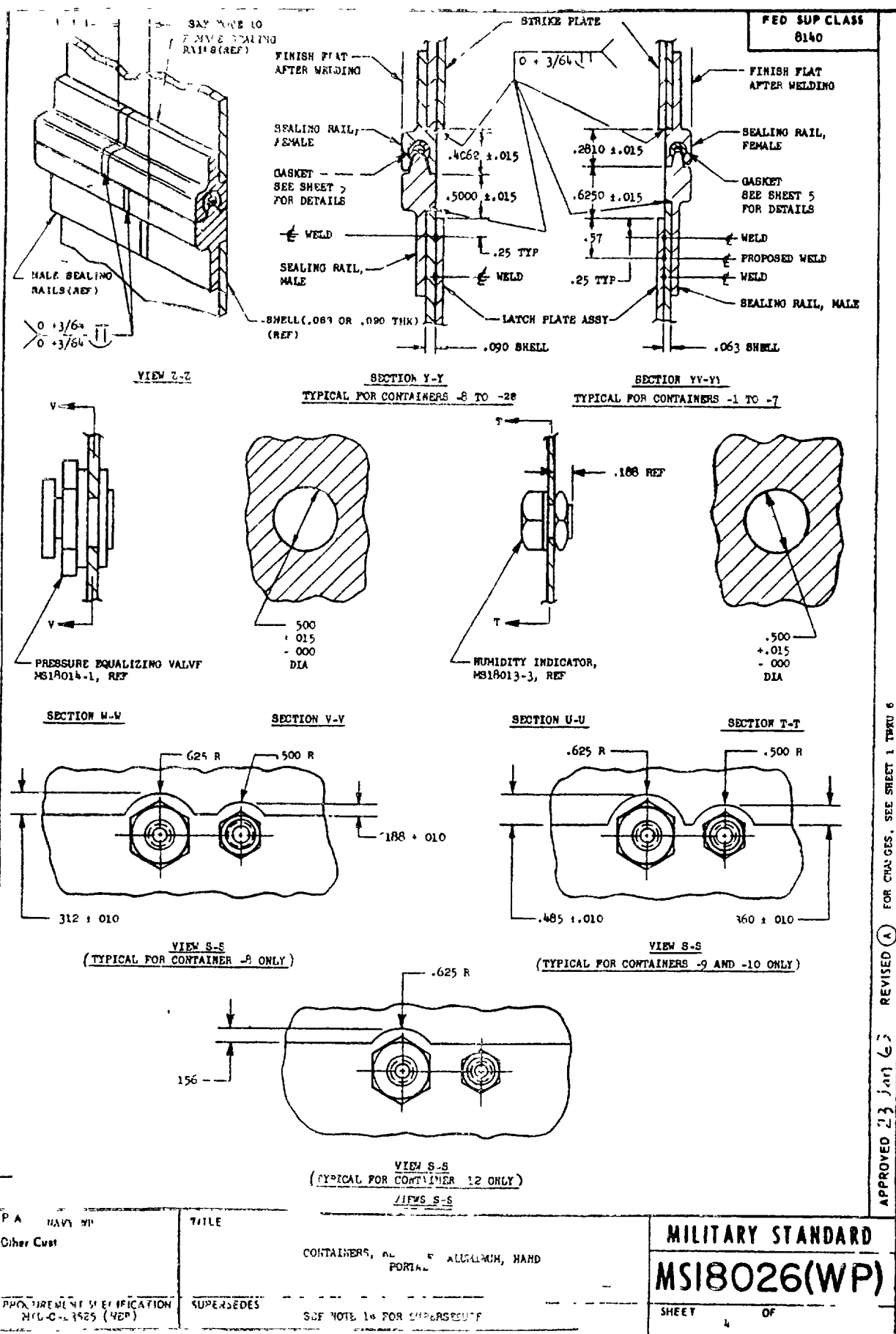
MILITARY STANDARD
MS18026(WP)

PROCUREMENT SPECIFICATION

SUPERSEDES SEE NOTE 15 FOR SUPERSEDDING

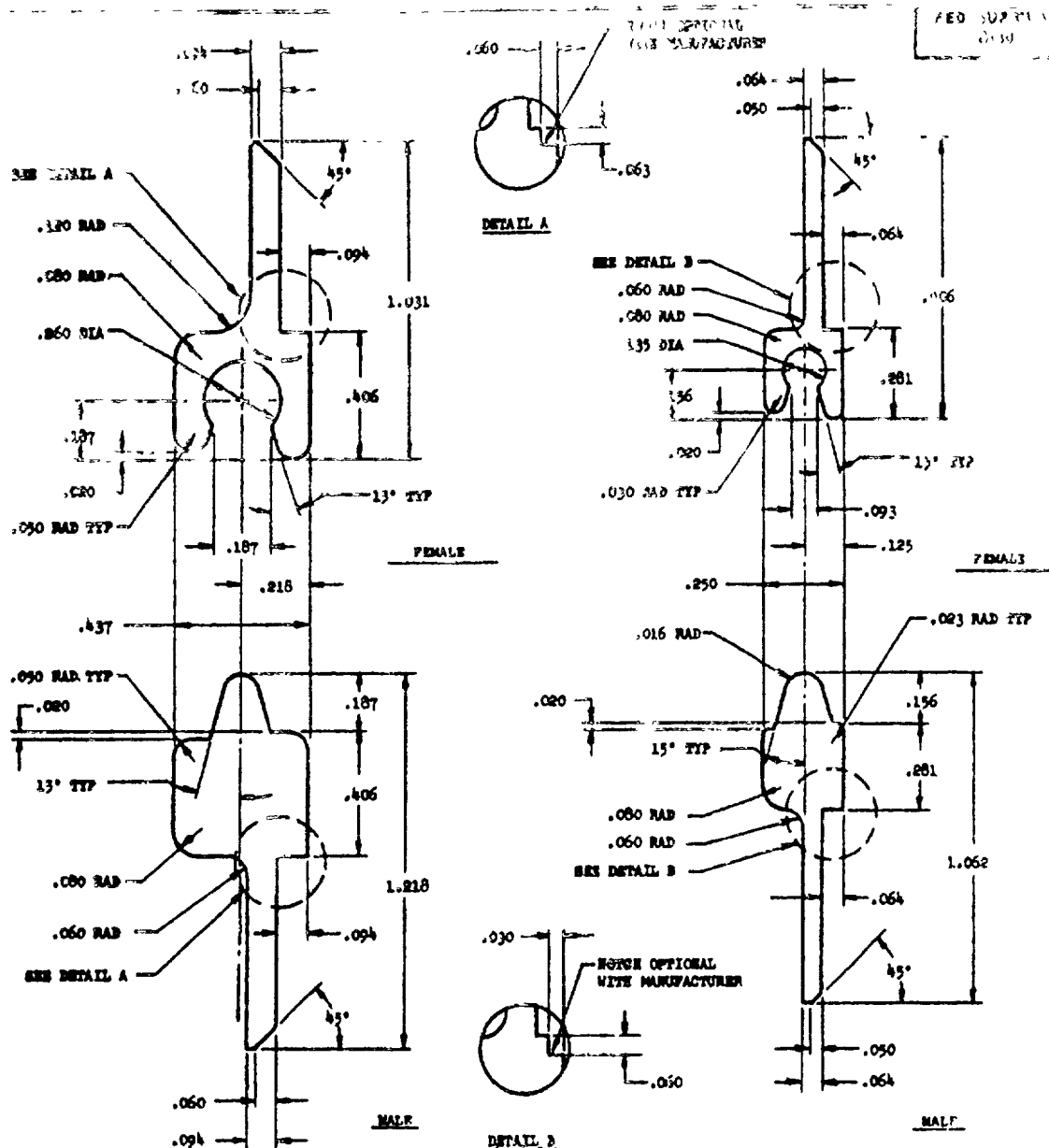
SHEET 3 OF

15. Drawing not to be used in the Bureau of Naval Weapons,
without the approval of the Bureau of Naval Weapons,
and is mandatory for use by
all activities. All activities are required
to comply with this standard when available.



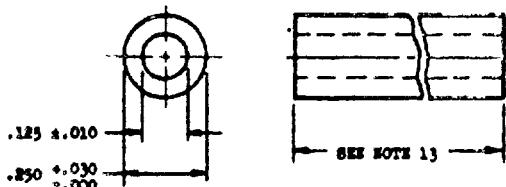
... is not covered by the bulkheads of naval weapons compartments in the hull and is mandatory for use by all other military activities are required to employ this standard where the table

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



SEE NOTE 11 FOR LENGTH.
SEE NOTE 12 FOR TOLERANCES.

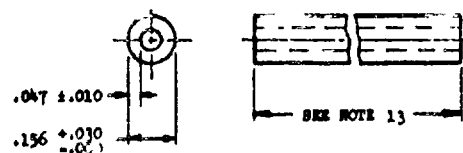
SEALING RAILS FOR .090 THICK CONTAINERS
(APPLICABLE TO -8 THRU -28)



SEE NOTE 13

SEE NOTE 13
(BOTH GASKETS)

SEALING RAILS FOR .063 THICK CONTAINERS
(APPLICABLE TO -1 THRU -7)



SEE NOTE 13

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

P. 1 NAVY TP
C-1000

TITLE

CONTAINER, SEALABLE, ALUMINUM, 2100
PORTABLE

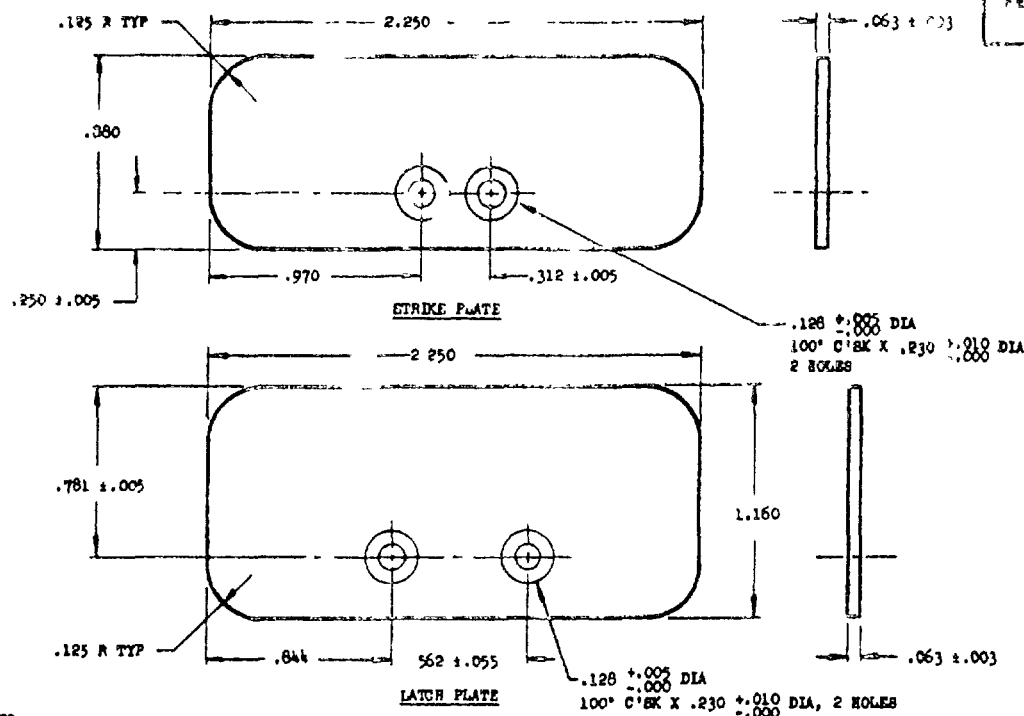
PROCUREMENT SPECIFICATION
MIL-C-21425(Rev)

SUPERSEDES SEE NOTE 14 FOR SUPERSEDITION

MILITARY STANDARD

MS18026(WP)

SHEET 5 OF



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	TITLE	MILITARY STANDARD
Other Cont.	CONTAINERS, REUSABLE, ALUMINUM, HAND PORTABLE	MS18026(WP)
FOR DESIGN SPECIFICATION	SUPERSEDES	SHEET 5 OF
SEE NOTE 14 FOR SUPERSEDES		

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.

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