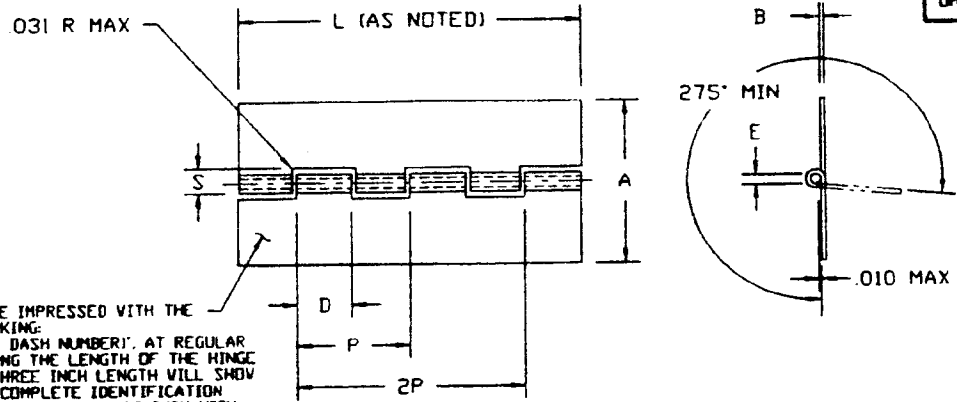


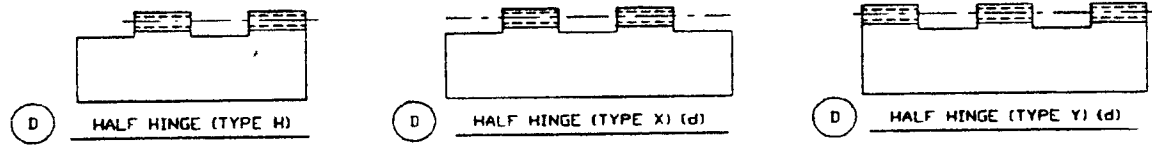
THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDSS SPECIFIED IN THE SOLICITATION: NONE

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

FORM APPROVED
DHB NO. 0704-0188



HINGE SHALL BE IMPRESSED WITH THE FOLLOWING MARKING: 'MS20257-(SIZE DASH NUMBER)', AT REGULAR INTERVALS ALONG THE LENGTH OF THE HINGE SO THAT ANY THREE INCH LENGTH WILL SHOW AT LEAST ONE COMPLETE IDENTIFICATION IN FIGURES, NOT LESS THAN .06 INCH HIGH. DEPRESSED FIGURES SHALL NOT EXCEED .010 INCH IN DEPTH. DESIGNATION FOR ANODIZING AND LENGTH SHALL NOT BE INCLUDED IN THE MARKING.



D	DASH NUMBER FOR COMPLETE HINGE		A WIDTH (OPEN) *.016	B THICKNESS		P LOOP +.001 -.008	Ø E HOLE DIAMETER +.007 -.001		PITCH	PIN DIAMETER (REF)		S SLOT DEPTH		STOCK LENGTH			
	(a)			AL ALLOY	CRES		AL ALLOY	CRES		(c)	AL 3/	CRES 4/	AL ALLOY	CRES	AL ALLOY	CRES	
	1/ ALUMINUM	2/ CRES															
	-1	P1 C1	.750	.032	.031	.490	.066	.066	1.000	.063	.063	.169	.166	.36	48		
	-2	P2 C2	1.062	.040	.037		.093	.121		.090	.118	.220	.213	.314		.376	72
	-3	P3 C3	1.250		.050		.183			.180	.253	.382	.376				
	-4	P4 C4	1.500	.064	.062	.183	.183	.180	.180	.180	.180			.180	.180	.180	.180
	-5	P5 C5	2.000									.1990	.183				
	-6	P6 C6	2.000	.1990	.183	.183	.183	.180	.180	.180	.180			.180	.180	.180	.180

- (a) COMPLETE HINGES ARE FURNISHED WITH A PIN OF THE SAME LENGTH.
- (b) SECOND DASH NUMBER INDICATES (L) EXPRESSED IN INCHES AND HUNDREDTHS NOT EXCEEDING STOCK LENGTH OF TABLE. END LOOPS AND OR TANGS MUST NEVER EXCEED A FULL LOOP OR TANG, AND BOTH ENDS MUST BE EQUAL WITHIN .020 INCH.
- (c) TOLERANCES MUST BE ±.008 ON EACH DIMENSION FOR P, 2P, 3P, ETC., AND SHALL NOT BE CUMULATIVE.
- (d) TYPES X AND Y HALF HINGES CAN BE MADE FROM TYPE H HALF HINGES BUT WILL NOT BE STOCKED OR PROCURED BY SERVICE ACTIVITIES.
- (e) HINGE PINS SHALL BE IN ACCORDANCE WITH MS20253. USE CADMIUM PLATED CORROSION RESISTANT STEEL PIN WITH ALUMINUM ALLOY HINGE. USE PASSIVATED CORROSION RESISTANT STEEL PIN WITH CORROSION RESISTANT STEEL HINGE.

- D 1/ UNANODIZED ALUMINUM.
- 2/ ANODIZED ALUMINUM.
- 3/ FOR ALUMINUM ALLOY HINGE.
- 4/ FOR CORROSION RESISTANT STEEL (CRES) HINGE.

D DENTOTES CHANGE

PREPARING ACTIVITY: NAVY - AS CUSTODIANS: ARMY - NAVY - AIR FORCE - 99 DLA -	MILITARY SPECIFICATION SHEET TITLE HINGE, CONTINUOUS	SPECIFICATION SHEET NUMBER 22 JUNE 1992 MS20257 REV D SUPERSEDING MS20257 C 13 APR 84 AMSC - N/A FSC 5340
REVIEW: AF-82, ARMY-MI, DLA IS USER: PROJECT NUMBER: 5340-2049	DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED.	
DD FORM 1 MAY 88 672		PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: NONE

- (D) REQUIREMENTS:**
- MATERIAL: AL ALLOY, 5052, H24 OR H34 PER DD-A-250/B CORROSION RESISTANT STEEL PER ASTM A167, A176, A177, A240, A412, A666 AND A693, TYPE 301, 302 OR 304
 - FINISH: ALUMINUM ALLOY, ANODIZED, MIL-A-8625 TYPE II, OR, NONE, DEPENDING ON CODING, CORROSION RESISTANT STEEL, NONE
- (D) NOTES:**
- REMOVE ALL BURRS AND SHARP EDGES.
 - DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS + .010, ANGLES +1/2 .
 - PART NUMBER: ADD H, X, OR Y BEFORE FIRST DASH NO. FOR HALF HINGE WITHOUT PIN.
EXAMPLES OF PART NOS.:
 MS20257-2-800 = COMPLETE HINGE, AL ALLOY, UNANODIZED, 1.062 VIDE x 8.00 LONG VITH CDR RES STEEL PIN
 MS20257P2-800 = COMPLETE HINGE, AL ALLOY, ANODIZED, 1.062 VIDE x 8.00 LONG VITH CADMIUM PLATED CDR RES STEEL PIN
 MS20257C2-850 = COMPLETE HINGE, CDR RES STEEL, 1.062 VIDE x 8.00 LONG VITH CDR RES STEEL PIN
 MS20257H2-800 = TYPE H HALF HINGE, AL ALLOY, UNANODIZED, 1.062 VIDE (OPEN VIDTH OF COMPLETE HINGE) x 8.00 LONG VITHOUT PIN
 MS20257HP2-800 = TYPE H HALF HINGE, AL ALLOY, ANODIZED, 1.062 VIDE (OPEN VIDTH OF COMPLETE HINGE) x 8.00 LONG VITHOUT PIN
 MS20257HC2-875 = TYPE H HALF HINGE, CDR RES STEEL, 1.062 VIDE (OPEN VIDTH OF COMPLETE HINGE) x 8.75 LONG VITHOUT PIN.
- (D) 4.** IN EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE
- (D) 5.** REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THIS ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN

H. A. GUDEN CO., INC

CONTROLLED COPY

REC. DATE 8/30/95

Rev. 0

FORM: 6114

REVISED: AUGUST 9, 1995

(D) DENDTES CHANGE

PREPARING ACTIVITY: NAVY - AS CUSTODIANS: ARMY- NAVY- AIR FORCE- 99 DLA- REVIEW: AF-82, ARMY-MI, DLA IS USER PROJECT NUMBER: 5340-2049	MILITARY SPECIFICATION SHEET TITLE HINGE, CONTINUOUS	SPECIFICATION SHEET NUMBER 22 JUNE 1992 MS20257 REV D
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DISTRIBUTION STATEMENT A APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED		PAGE 2 OF 2

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