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**INDICATE OPENING HERE**

**SOCKET**

DASH NO.		A	C
PLATED	BLACK		
1	1B	11/64	1/4
1L	1BL	7/32	19/64

**PLATE**

-2 PLATED  
-2B BLACK

**POST STUD**

-5 PLATED  
-5B BLACK

**WASHER**

-3 PLATED  
-3B BLACK

FED. SUP CLASS 5325

**POST STUD**

THD NO. 6-32 NC-2

SMALL CURTAIN TYPE MFG DWG NAF 312319

DASH NO.		D	E	F
PLATED	BLACK			
4	4B	3/16	17/64	5/16
4-7	4B7			7/16
4-9	4B9			9/16
4L	4BL	11/32	7/16	5/16
4L7	4BL7			7/16
4L9	4BL9			9/16

**BUTTON**

-6 PLATED -6 B BLACK  
-6A BROWN

**SOCKET**

-7 PLATED  
-7B BLACK

**STUD**

-8 PLATED (A) USE -61 OR -61B EYELETS  
-8B BLACK WHERE THREADED SHANK IS REQUIRED

**(A) EYELET**

-9 PLATED  
-9B BLACK

**STUD**

DASH NO.		R	THD	T
PLATED	BLACK			
10	10B	1/4		
10-6	10B6	3/8	NO. 10	6
10-10	10B10	5/8	-32 NF-2A	
10H	10BH	1/4	NO. 8	6
10H6	10BH6	3/8	-32 NC-2A	
10H10	10BH10	5/8		

REGULAR WIRE SPRING CLAMP TYPE MFG DWG NAF 312320

**STUD**

DASH NO.		J	SCREW FORM
PLATED	BLACK		
10W10	10BW10	5/8	WOOD
10T6	10BT6	3/8	SELF TAPPING

**BUTTON**

-11 PLATED, -11 B BLACK  
-11 A BROWN

**SOCKET**

-12 PLATED, -12 B BLACK  
SMALL WIRE SPRING CLAMP TYPE MFG DWG NAF 312321

**STUD**

-13 PLATED, -13 B BLACK

**EYELET**

-14 PLATED, -14 B BLACK

**MATERIAL:** ALL PARTS ARE METAL EXCEPT AS SPECIFIED.  
 DIMENSIONS GIVEN ARE APPROXIMATE, FOR REFERENCE ONLY. FOR EXACT DIMENSIONS, SEE MANUFACTURING DRAWINGS.  
 EXAMPLES OF PART NUMBERS AN227-1 = FASTENER, SMALL CURTAIN TYPE SOCKET, PLATED FINISH, SHORT PRONG.  
 AN227-1BL = FASTENER, SMALL CURTAIN TYPE SOCKET, BLACK FINISH, LONG PRONG.

COMPONENT PARTS OF THE SAME FASTENER SHALL BE PROCURED FROM THE SAME MANUFACTURER.  
 THIS DRAWING IS FOR REFERENCE AND STOCK PURPOSES ONLY. FOR MANUFACTURING DETAILS SEE AN AERO. STANDARD ISSUE OF THE NAF, OR USAF DRAWING REFERENCED FOR EACH TYPE.

INACTIVE FOR NEW DESIGN AFTER 22 MAY 1970 USE MS27977 THRU MS27986

PROCUREMENT SPECIFICATION	AIR FORCE-NAVY AERONAUTICAL STANDARD	AN227
	FASTENERS -SNAP AND CURTAIN	
NONE		SHEET 1 OF 3

APPROVED 28 Nov 41 REVISED 1 14 Oct 42 2 12 May 44 3 17 Dec 48 4 31 Sep 49 5 8 Apr 53 6 22 May 1970

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**SOCKET**

INDICATE OPENING HERE

DASH NO.		A	C
PLATED	BLACK		
15S	15BS	7/32	21/64
15L	15BL	9/32	25/64

PLATE  
-16 PLATED  
-16B BLACK  
PARTIAL OR FULL LIP TYPE OPTIONAL

**CLINCH STUD**

DASH NO.		D
PLATED	BLACK	
17S	17BS	19/64
17L	17BL	1/2

PLATE  
-18 PLATED  
-18B BLACK

**POST STUD**

DASH NO.		F
PLATED	BLACK	
19S	19BS	17/64
19L	19BL	1/2

PLATE  
-20 PLATED  
-20B BLACK  
-20P PLATED  
-20PB BLACK

**HEX BASE STUD**

DASH NO.		G	H	THREAD T
PLATED	BLACK			
21	21B	1/4	1/4	NO. 8-32 NC-2 MACHINE SCREW
22	22B	3/8	3/8	
23	23B	5/8	5/8	
24	24B	1/4	1/4	
25	25B	3/8	3/8	NO. 10-32 NF-2 MACHINE SCREW
26	26B	5/8	5/8	
27	27B	1/4	1/4	NO. 10-32 NF-2 MACHINE SCREW
28	28B	3/8	3/8	
29	29B	1/2	1/2	NO. 10-14 SELF TAPPING SCREW
30	30B	3/8	3/8	
31	31B	1/2	1/2	
32	32B	5/8	5/8	
33	33B	1/2	1/2	
34	34B	3/8	3/8	
35	35B	5/8	5/8	
36	36B	1/2	1/2	
37	37B	3/8	3/8	
38	38B	5/8	5/8	

**HEX BASE STUD**

DASH NO.		J	K	THREAD T
PLATED	BLACK			
21MS	21MBS	1/4	1/4	NO. 8-32 NC-2 MACHINE SCREW
22MS	22MBS	3/8	3/8	
23MS	23MBS	5/8	5/8	
24MS	24MBS	1/4	1/4	
25MS	25MBS	3/8	3/8	NO. 10-32 NF-2 MACHINE SCREW
26MS	26MBS	5/8	5/8	
27MS	27MBS	1/4	1/4	NO. 10-32 NF-2 MACHINE SCREW
28MS	28MBS	3/8	3/8	
29MS	29MBS	1/2	1/2	
30MS	30MBS	3/8	3/8	
31MS	31MBS	5/8	5/8	
32MS	32MBS	1/2	1/2	
33MS	33MBS	3/8	3/8	
34MS	34MBS	5/8	5/8	

**WOOD SCREW STUD**

DASH NO.		R	U
PLATED	BLACK		
29	29B	1/4	3/4
30	30B	1/2	3/4
29S	29BS	1/4	3/8
30S	30BS	1/2	3/8

**RIVETING STUD**

DASH NO.		M	P
PLATED	BLACK		
27	27B	9/32	1/4
28	28B	1/2	1/2

**ALTERNATE DESIGN**

LARGE CURTAIN TYPE MFG DWG NAF 49955

**TEE NUT STUD**

DASH NO.		V	X	Y
PLATED	BLACK			
48	48B	1/4	3/8	1/4
48L	48BL	1/2	3/8	1/2

THREAD NO. 6-32 NC-2

ALTERNATE DESIGN

**BUTTON-SMALL**

-31 BROWN  
-31B BLACK

**BUTTON-LARGE**

-32C BROWN  
-32CB BLACK  
CELLULOID OR PLASTIC TOP

**SOCKET**

-33 PLATED  
-33B BLACK

**STUD-REGULAR**

-34 PLATED  
-34B BLACK

**EYELET-SMALL**

-35 PLATED  
-35B BLACK

**STUD-WIDE FLANGE**

-36 PLATED  
-36B BLACK

**EYELET-LARGE**

-37 PLATED  
-37B BLACK

GLOVE SNAP TYPE MFG DWG NAF 312322

SEE SHEET 1 FOR NOTES

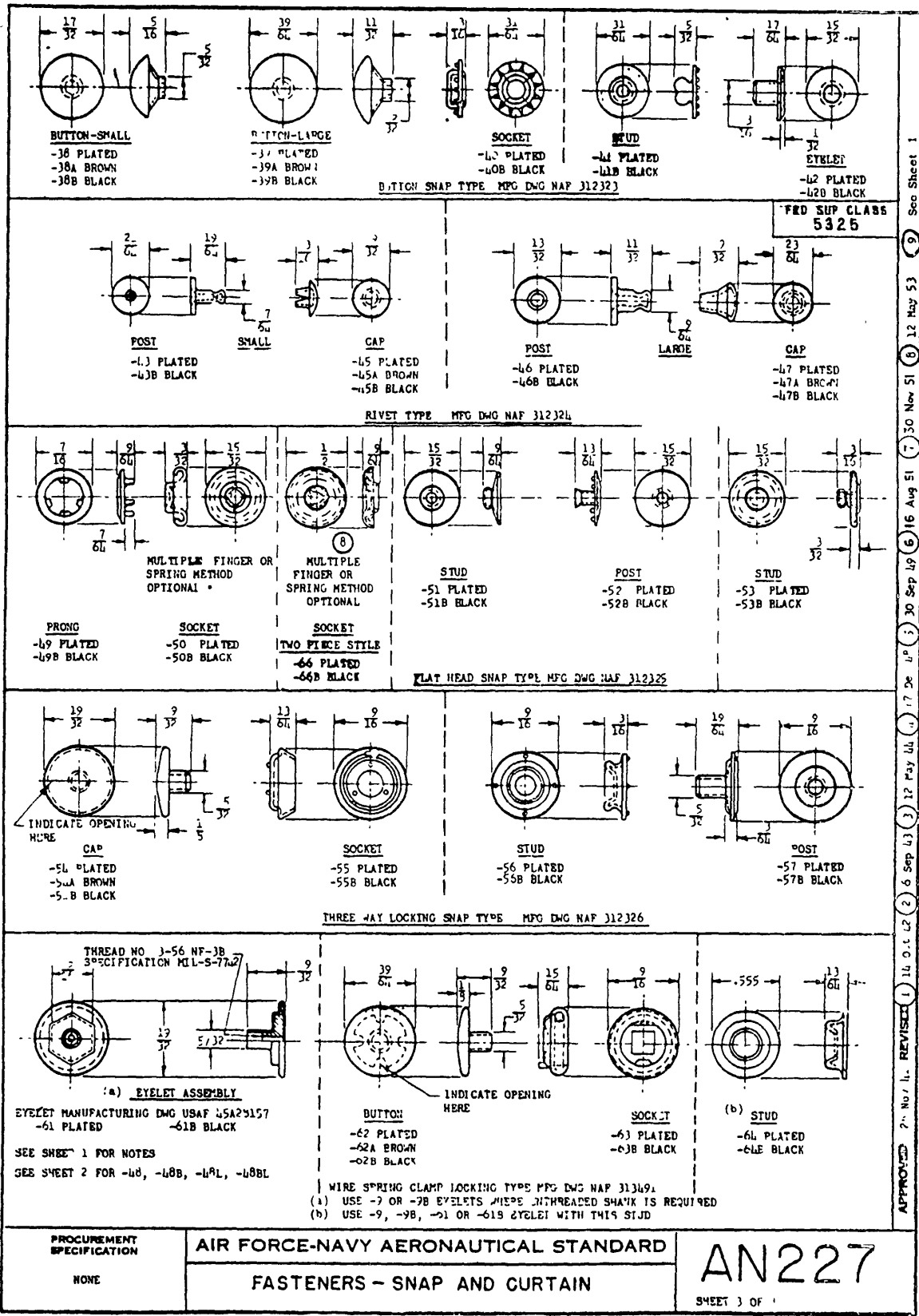
FED. SUP CLASS  
5325

APPROVED 28 Nov 41 REVISION 3 11 Oct 42 2 6 Sep 43 7 12 May 44 4 17 Dec 49 5 16 Aug 51 See Sheet 1

PROCUREMENT SPECIFICATION  NONE	AIR FORCE-NAVY AERONAUTICAL STANDARD  FASTENERS — SNAP AND CURTAIN	<h1 style="font-size: 2em; margin: 0;">AN227</h1> <p style="font-size: 0.8em; margin: 0;">SHEET 2 OF 3 SHEETS</p>
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NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for the product. The drawing was prepared under contract for the Air Force and Navy and is not to be used for the procurement of commercial products, or for use in new designs, and for that purpose after the latest date of approval shown.



APPROVED: 7" No 14. REVISION: 1 10 0 1 42 2 6 Sep 43 3 12 May 44 4 17 Dec 44 5 30 Sep 47 6 16 Aug 51 7 30 Nov 51 8 12 May 53 9 See Sheet 1

PROCUREMENT SPECIFICATION  NONE	<b>AIR FORCE-NAVY AERONAUTICAL STANDARD</b>  FASTENERS - SNAP AND CURTAIN	<b>AN227</b>  SHEET 3 OF 4
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INCH-POUND

AN227 Rev. 9  
NOTICE 1  
10 June 1994

NOTICE  
OF VALIDATION

MILITARY SPECIFICATION

FASTENERS - SNAP AND CURTAIN (INACTIVE USE MS27977 THRU MS27986)

AN227 Rev 9 remains inactive for new design, however, the document is valid for acquisition when needed.

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Preparing activity:  
DLA-IS

AMSC N/A

FSC 5325

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