



NOTES: This drawing was approved by Joint orders of the Air Force and Navy Departments on the Air Force-Naval standard drawing for this item. This drawing represents all dimensions and tolerances for this item and shall be used for the procurement of this item. This drawing is not to be used for the procurement of this item unless otherwise indicated by a note on this drawing. This drawing is not to be used for the procurement of this item unless otherwise indicated by a note on this drawing.

DASH NO.	AN22		AN23		AN24		AN25		AN26		AN27		AN28		AN29	
	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64	GRIP	LENGTH -1/32 -1/64
3	1/16	15/32	1/16	17/32	1/16	19/32	1/16	19/32								
5	1/8	21/32	3/16	21/32	3/16	23/32	3/16	23/32	1/16	45/64	1/16	23/32	1/16	27/32	1/16	31/32
6	3/8	25/32	5/16	25/32	5/16	27/32	5/16	27/32	3/16	53/64	3/16	27/32	3/16	27/32	1/16	31/32
7	1/2	29/32	7/16	29/32	7/16	31/32	7/16	31/32	5/16	61/64	5/16	31/32	3/16	31/32	1/8	1-1/32
10	5/8	1-1/32	9/16	1-1/32	9/16	1-3/32	9/16	1-3/32	7/16	1-5/64	7/16	1-3/32	5/16	1-3/32	1/4	1-5/32
11	3/4	1-5/32	11/16	1-5/32	11/16	1-7/32	11/16	1-7/32	9/16	1-13/64	9/16	1-7/32	7/16	1-7/32	3/8	1-9/32
12	7/8	1-9/32	13/16	1-9/32	13/16	1-11/32	13/16	1-11/32	11/16	1-23/64	11/16	1-11/32	9/16	1-11/32	1/2	1-13/32
13	1	1-13/32	15/16	1-13/32	15/16	1-15/32	15/16	1-15/32	13/16	1-29/64	13/16	1-15/32	11/16	1-15/32	5/8	1-17/32
14	1-1/8	1-17/32	1-1/16	1-17/32	1-1/16	1-19/32	1-1/16	1-19/32	15/16	1-37/64	15/16	1-19/32	13/16	1-19/32	3/4	1-21/32
15	1-1/4	1-21/32	1-3/16	1-21/32	1-3/16	1-23/32	1-3/16	1-23/32	1-1/2	1-45/64	1-1/2	1-23/32	15/16	1-23/32	7/8	1-25/32
16	1-3/8	1-25/32	1-5/16	1-25/32	1-5/16	1-27/32	1-5/16	1-27/32	1-3/4	1-53/64	1-3/4	1-27/32	1-1/2	1-27/32	1	1-29/32
17	1-1/2	1-29/32	1-7/16	1-29/32	1-7/16	1-31/32	1-7/16	1-31/32	1-5/8	1-61/64	1-5/8	1-31/32	1-3/4	1-31/32	1-1/8	2-1/32
20	1-5/8	2-1/32	1-9/16	2-1/32	1-9/16	2-3/32	1-9/16	2-3/32	1-7/8	2-5/64	1-7/8	2-3/32	1-5/8	2-3/32	1-1/4	2-5/32
21	1-3/4	2-5/32	1-11/16	2-5/32	1-11/16	2-7/32	1-11/16	2-7/32	1-9/8	2-13/64	1-9/8	2-7/32	1-7/8	2-7/32	1-3/8	2-9/32
22	1-7/8	2-9/32	1-13/16	2-9/32	1-13/16	2-11/32	1-13/16	2-11/32	1-11/8	2-21/64	1-11/8	2-11/32	1-9/8	2-11/32	1-1/2	2-13/32
23	2	2-13/32	1-15/16	2-13/32	1-15/16	2-15/32	1-15/16	2-15/32	1-13/8	2-29/64	1-13/8	2-15/32	1-11/8	2-15/32	1-5/8	2-17/32
24	2-1/8	2-17/32	2-1/16	2-17/32	2-1/16	2-19/32	2-1/16	2-19/32	1-15/8	2-37/64	1-15/8	2-19/32	1-13/8	2-19/32	1-3/4	2-21/32
25	2-1/4	2-21/32	2-3/16	2-21/32	2-3/16	2-23/32	2-3/16	2-23/32	2-1/2	2-45/64	2-1/2	2-23/32	1-15/8	2-23/32	1-7/8	2-25/32
26	2-3/8	2-25/32	2-5/16	2-25/32	2-5/16	2-27/32	2-5/16	2-27/32	2-3/4	2-53/64	2-3/4	2-27/32	2-1/2	2-27/32	2	2-29/32
27	2-1/2	2-29/32	2-7/16	2-29/32	2-7/16	2-31/32	2-7/16	2-31/32	2-5/8	2-61/64	2-5/8	2-31/32	2-3/4	2-31/32	2-1/8	3-1/32
30	2-5/8	3-1/32	2-9/16	3-1/32	2-9/16	3-3/32	2-9/16	3-3/32	2-7/8	3-5/64	2-7/8	3-3/32	2-5/8	3-3/32	2-1/4	3-5/32
31	2-3/4	3-5/32	2-11/16	3-5/32	2-11/16	3-7/32	2-11/16	3-7/32	2-9/8	3-13/64	2-9/8	3-7/32	2-7/8	3-7/32	2-3/8	3-9/32
32	2-7/8	3-9/32	2-13/16	3-9/32	2-13/16	3-11/32	2-13/16	3-11/32	2-11/8	3-21/64	2-11/8	3-11/32	2-9/8	3-11/32	2-1/2	3-13/32
33	3	3-13/32	2-15/16	3-13/32	2-15/16	3-15/32	2-15/16	3-15/32	2-13/8	3-29/64	2-13/8	3-15/32	2-11/8	3-15/32	2-5/8	3-17/32
34	3-1/8	3-17/32	3-1/16	3-17/32	3-1/16	3-19/32	3-1/16	3-19/32	2-15/8	3-37/64	2-15/8	3-19/32	2-13/8	3-19/32	2-3/4	3-21/32
35	3-1/4	3-21/32	3-3/16	3-21/32	3-3/16	3-23/32	3-3/16	3-23/32	3-1/2	3-45/64	3-1/2	3-23/32	2-15/8	3-23/32	2-7/8	3-25/32
36	3-3/8	3-25/32	3-5/16	3-25/32	3-5/16	3-27/32	3-5/16	3-27/32	3-3/4	3-53/64	3-3/4	3-27/32	3-1/2	3-27/32	3-1/4	3-29/32
37	3-1/2	3-29/32	3-7/16	3-29/32	3-7/16	3-31/32	3-7/16	3-31/32	3-5/8	3-61/64	3-5/8	3-31/32	3-3/4	3-31/32	3-1/2	3-33/32
40	3-5/8	4-1/32	3-9/16	4-1/32	3-9/16	4-3/32	3-9/16	4-3/32	3-7/8	4-5/64	3-7/8	4-3/32	3-5/8	4-3/32	3-1/4	4-5/32
41	3-3/4	4-5/32	3-11/16	4-5/32	3-11/16	4-7/32	3-11/16	4-7/32	3-9/8	4-13/64	3-9/8	4-7/32	3-7/8	4-7/32	3-3/8	4-9/32
42	3-7/8	4-9/32	3-13/16	4-9/32	3-13/16	4-11/32	3-13/16	4-11/32	3-11/8	4-21/64	3-11/8	4-11/32	3-9/8	4-11/32	3-1/2	4-13/32
43	4	4-13/32	3-15/16	4-13/32	3-15/16	4-15/32	3-15/16	4-15/32	3-13/8	4-29/64	3-13/8	4-15/32	3-11/8	4-15/32	3-5/8	4-17/32
44	4-1/8	4-17/32	4-1/16	4-17/32	4-1/16	4-19/32	4-1/16	4-19/32	3-15/8	4-37/64	3-15/8	4-19/32	3-13/8	4-19/32	3-3/4	4-21/32
45	4-1/4	4-21/32	4-3/16	4-21/32	4-3/16	4-23/32	4-3/16	4-23/32	4-1/2	4-45/64	4-1/2	4-23/32	3-15/8	4-23/32	3-7/8	4-25/32
46	4-3/8	4-25/32	4-5/16	4-25/32	4-5/16	4-27/32	4-5/16	4-27/32	4-3/4	4-53/64	4-3/4	4-27/32	4-1/2	4-27/32	4	4-29/32
47	4-1/2	4-29/32	4-7/16	4-29/32	4-7/16	4-31/32	4-7/16	4-31/32	4-5/8	4-61/64	4-5/8	4-31/32	4-3/4	4-31/32	4-1/8	5-1/32
50	4-5/8	5-1/32	4-9/16	5-1/32	4-9/16	5-3/32	4-9/16	5-3/32	4-7/8	5-5/64	4-7/8	5-3/32	4-5/8	5-3/32	4-1/4	5-5/32
51	4-3/4	5-5/32	4-11/16	5-5/32	4-11/16	5-7/32	4-11/16	5-7/32	4-9/8	5-13/64	4-9/8	5-7/32	4-7/8	5-7/32	4-3/8	5-9/32
52	4-7/8	5-9/32	4-13/16	5-9/32	4-13/16	5-11/32	4-13/16	5-11/32	4-11/8	5-21/64	4-11/8	5-11/32	4-9/8	5-11/32	4-1/2	5-13/32
53	5	5-13/32	4-15/16	5-13/32	4-15/16	5-15/32	4-15/16	5-15/32	4-13/8	5-29/64	4-13/8	5-15/32	4-11/8	5-15/32	4-5/8	5-17/32
54	5-1/8	5-17/32	5-1/16	5-17/32	5-1/16	5-19/32	5-1/16	5-19/32	4-15/8	5-37/64	4-15/8	5-19/32	4-13/8	5-19/32	4-3/4	5-21/32
55	5-1/4	5-21/32	5-3/16	5-21/32	5-3/16	5-23/32	5-3/16	5-23/32	5-1/2	5-45/64	5-1/2	5-23/32	4-15/8	5-23/32	4-7/8	5-25/32
56	5-3/8	5-25/32	5-5/16	5-25/32	5-5/16	5-27/32	5-5/16	5-27/32	5-3/4	5-53/64	5-3/4	5-27/32	5-1/2	5-27/32	5	5-29/32
57	5-1/2	5-29/32	5-7/16	5-29/32	5-7/16	5-31/32	5-7/16	5-31/32	5-5/8	5-61/64	5-5/8	5-31/32	5-3/4	5-31/32	5-1/2	5-33/32
60	5-5/8	6-1/32	5-9/16	6-1/32	5-9/16	6-3/32	5-9/16	6-3/32	5-7/8	6-5/64	5-7/8	6-3/32	5-5/8	6-3/32	5-1/4	6-5/32
61	5-3/4	6-5/32	5-11/16	6-5/32	5-11/16	6-7/32	5-11/16	6-7/32	5-9/8	6-13/64	5-9/8	6-7/32	5-7/8	6-7/32	5-3/8	6-9/32
62	5-7/8	6-9/32	5-13/16	6-9/32	5-13/16	6-11/32	5-13/16	6-11/32	5-11/8	6-21/64	5-11/8	6-11/32	5-9/8	6-11/32	5-1/2	6-13/32
63	6	6-13/32	5-15/16	6-13/32	5-15/16	6-15/32	5-15/16	6-15/32	5-13/8	6-29/64	5-13/8	6-15/32	5-11/8	6-15/32	5-5/8	6-17/32
64	6-1/8	6-17/32	6-1/16	6-17/32	6-1/16	6-19/32	6-1/16	6-19/32	5-15/8	6-37/64	5-15/8	6-19/32	5-13/8	6-19/32	5-3/4	6-21/32
65	6-1/4	6-21/32	6-3/16	6-21/32	6-3/16	6-23/32	6-3/16	6-23/32	6-1/2	6-45/64	6-1/2	6-23/32	5-15/8	6-23/32	5-7/8	6-25/32
66	6-3/8	6-25/32	6-5/16	6-25/32	6-5/16	6-27/32	6-5/16	6-27/32	6-3/4	6-53/64	6-3/4	6-27/32	6-1/2	6-27/32	6	6-29/32
67	6-1/2	6-29/32	6-7/16	6-29/32	6-7/16	6-31/32	6-7/16	6-31/32	6-5/8	6-61/64	6-5/8	6-31/32	6-3/4	6-31/32	6-1/8	7-1/32
70	6-5/8	7-1/32	6-9/16	7-1/32	6-9/16	7-3/32	6-9/16	7-3/32	6-7/8	7-5/64	6-7/8	7-3/32	6-5/8	7-3/32	6-1/4	7-5/32
71	6-3/4	7-5/32	6-11/16	7-5/32	6-11/16	7-7/32	6-11/16	7-7/32	6-9/8	7-13/64	6-9/8	7-7/32	6-7/8	7-7/32	6-3/8	7-9/32
72	6-7/8	7-9/32	6-13/16	7-9/32	6-13/16	7-11/32	6-13/16	7-11/32	6-11/8	7-21/64	6-11/8	7-11/32	6-9/8	7-11/32	6-1/2	7-13/32
73	7	7-13/32	6-15/16	7-13/32	6-15/16	7-15/32	6-15/16	7-15/32	6-13/8	7-29/64	6-13/8	7-15/32	6-11/8	7-15/32	6-5/8	7-17/32
74	7-1/8	7-17/32	7-1/16	7-17/32	7-1/16	7-19/32	7-1/16	7-19/32	6-15/8	7-37/64	6-15/8	7-19/32	6-13/8	7-19/32	6-3/4	7-21/32
75	7-1/4	7-21/32	7-3/16	7-21/32	7-3/16	7-23/32	7-3/16	7-23/32	7-1/2	7-45/64	7-1/2	7-23/32	6-15/8	7-23/32	6-7/8	7-25/32
76	7-3/8	7-25/32	7-5/16	7-25/32	7-5/16	7-27/32	7-5/16	7-27/32	7-3/4	7-53/64	7-3/4	7-27/32	7-1/2	7-27/32	7	7-29/32
77	7-1/2	7-29/32	7-7/16	7-29/32	7-7/16	7-31/32	7-7/16	7-31/32	7-5/8	7-61/64	7-5/8	7-31/32	7-3/4	7-31/32	7-1/8	8-1/32
80	7-5/8	8-1/32	7-9/16	8-1/32	7-9/16	8-3/32	7-9/16	8-3/32	7-7/8	8-5/64	7-7/8	8-3/32	7-5/8	8-3/32	7-1/4	8-5/32
85									8-1/2	8-45/64						

APPROVED 15 JAN 53 FOR CHANGES SEE SHEET 1. 4 AUG 52

PROCUREMENT SPECIFICATION NIL-B-6812	AIR FORCE-NAVY AERONAUTICAL STANDARD	
	BOLT, EYE	AN42 THRU AN49

SHEET 2 of 2