

FED. SUPPLY CLASS

5340

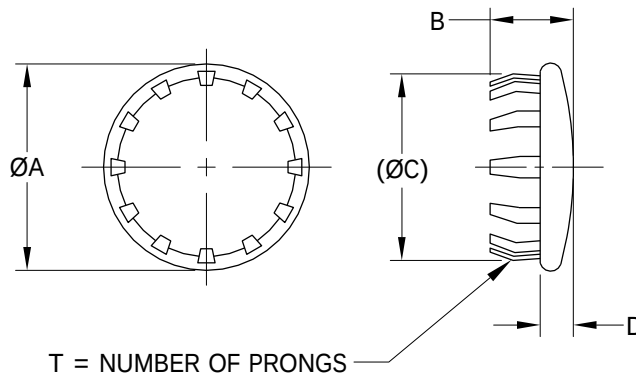
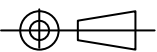


TABLE I – DIMENSIONS

DASH NUMBER NAS-451	HOLE SIZE	MATERIAL THICKNESS	ØA	B	(ØC)	D	T	MATERIAL
39	.125	.050-.078	.328	.203	.141	.062	4	1010 STL.
40	.266	.037-.078	.438	.359	.281	.188	6	BRASS
3	.312	.062-.078	.438	.250	.328	.062	6	1010 STL.
41	.344	.093-.125	.531	.344	.375	.094	6	1010 STL.
5	.359	.025-.093	.562	.266	.375	.078	6	1010 STL.
6	.375	.050-.062	.500	.219	.391	.062	6	1010 STL.
7	.375	.050-.062	.500	.234	.391	.062	6	1010 STL.
8	.391	.078-.090	.500	.234	.406	.062	6	1010 STL.
10	.438	.037-.062	.656	.219	.469	.078	8	1010 STL.
11	.469	.083-.125	.625	.359	.484	.062	8	1010 STL.
42	.469	.083-.125	.625	.359	.484	.062	8	BRASS
12	.469	.125-.171	.625	.375	.484	.062	6	1010 STL.
43	.500	.037-.062	.656	.266	.531	.078	8	1010 STL.
13	.531	.125-.156	.688	.375	.547	.078	8	1010 STL.
16	.625	.062-.078	.797	.281	.641	.078	8	1045 STL.
44	.625	.062-.078	.797	.281	.641	.078	8	BRASS
45	.625	.109-.125	.797	.312	.656	.078	8	1010 STL.
46	.688	.037-.062	.875	.266	.703	.078	12	1010 STL.
57	.734	/1/	.875	.281	.750	.078	12	1045 STL.
17	.750	.037-.093	.938	.297	.766	.094	12	1010 STL.
47	.750	.037-.093	.938	.297	.766	.094	12	BRASS
48	.750	.109-.125	.938	.359	.766	.094	12	1010 STL.
18	.812	.046-.078	1.047	.281	.844	.078	12	1010 STL.
49	.875	.125-.171	1.062	.359	.906	.078	12	1010 STL.
56	.875	.062-.093	1.062	.296	.890	.062	12	1010 STL.
20	.906	.031-.062	1.00	.344	.922	.125	12	1010 STL.
21	.906	.037-.062	1.062	.312	.922	.125	12	1010 STL.
22	.906	.050-.062	1.062	.297	.922	.078	12	1010 STL.
23	.938	.062-.078	1.156	.281	.969	.062	12	BRASS
24	.953	.093-.109	1.187	.406	.969	.125	12	1010 STL.
25	.953	.102-.125	1.00	.359	.969	.125	12	1010 STL.
50	.984	.046-.062	1.156	.297	1.000	.094	12	BRASS
51	1.000	.062-.078	1.156	.297	1.031	.078	12	1010 STL.
52	1.000	.062-.078	1.156	.297	1.031	.078	12	BRASS
53	1.000	.109-.125	1.156	.375	1.031	.078	12	1010 STL.

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

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PROCUREMENT
SPECIFICATION

NONE

TITLE

PLUG, BUTTON

CLASSIFICATION
PART STANDARD

NAS451
SHEET 1 OF 2



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TABLE I – DIMENSIONS (CONTINUED)

DASH NUMBER NAS-451	HOLE SIZE	MATERIAL THICKNESS	ØA	B	(ØC)	D	T	MATERIAL
26	1.125	.050-.078	1.312	.344	1.141	.094	12	1010 STL.
27	1.156	.037-.078	1.344	.344	1.172	.094	12	1010 STL.
28	1.187	.062-.078	1.438	.297	1.203	.078	12	1010 STL.
29	1.219	.037-.078	1.438	.328	1.234	.078	12	1010 STL.
30	1.250	.037-.078	1.438	.344	1.266	.094	12	1045 STL.
31	1.375	.037-.044	1.562	.406	1.391	.109	12	1010 STL.
54	1.375	.125-.140	1.562	.406	1.391	.094	12	1010 STL.
55	1.500	.037-.062	1.641	.406	1.531	.094	12	1010 STL.
33	1.625	.062-.109	1.797	.344	1.656	.125	12	1010 STL.
58	1.750	.037-.093	1.938	.344	1.781	.125	12	1010 STL.
61	1.750	.037-.093	1.938	.344	1.781	.125	12	BRASS
60	1.781	.045-.093	1.938	.438	1.812	.094	12	1010 STL.
34	1.875	.062-.140	2.188	.500	1.891	.219	14	1010 STL.
35	2.000	.037-.125	2.312	.500	2.031	.219	14	1010 STL.
36	2.250	.037-.078	2.562	.500	2.281	.219	14	1010 STL.
37	2.500	.037-.109	2.812	.344	2.531	.094	16	1010 STL.
38	3.000	.140-.156	3.312	.641	3.062	.234	12	1010 STL.

MATERIAL: AS NOTED IN TABLE, 1010 STL (UNS G10100), 1045 STL (UNS G10450).

FINISH: 1010 STL = CADMIUM PLATE PER AMS-QQ-P-416.

1045 STL = CADMIUM PLATE PER AMS-QQ-P-416.

BRASS = CADMIUM PLATE PER AMS-QQ-P-416.

EXAMPLE OF PART NUMBER:

NAS-451-11 = PLUG BUTTON TO BE USED IN .469 DIAMETER HOLE

NOTES:

/1/ PLUG BUTTON NAS-451-57 IS USED FOR PLUGGING THE ENDS OF TUBES.

(2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

(3) THESE PLUG BUTTONS ARE FOR USE IN COVERING HOLES IN INTERIOR APPLICATIONS THAT ARE NOT SUBJECT TO EXCESSIVE VIBRATIONS.

④ (4) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.

(5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

(6) DIMENSIONS IN INCHES.

(7) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS ±.010

(8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

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NAS451
SHEET 2



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