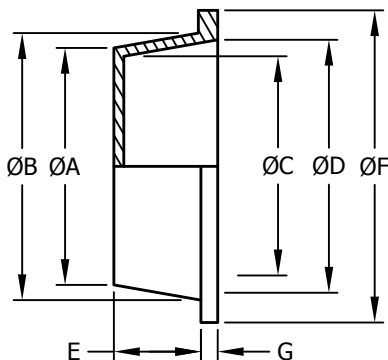
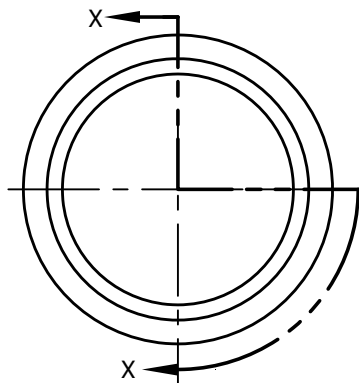




SECTION X-X

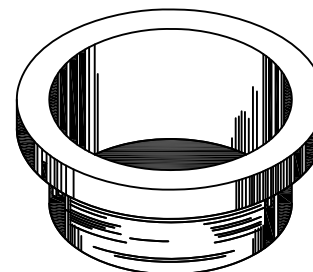


TABLE I - DIMENSIONS

NEW DASH NO.	ØD DASH NO. /2/	ØA	ØB	ØC	ØD	E /1/	ØF /1/	G
11	ØØ	.116	.182	.053	.120	.375	.500	.090
17	Ø	.173	.240	.111	.177	.375	.562	.090
23	±	.236	.296	.174	.234	.312	.625	.090
29	±	.299	.365	.235	.302	.312	.688	.090
33	±X	.333	.392	.269	.329	.312	.719	.090
36	3	.367	.418	.298	.354	.312	.750	.090
39	3X	.397	.447	.328	.383	.312	.781	.090
42	4	.427	.475	.356	.422	.312	.812	.090
43	4X	.435	.509	.365	.439	.375	.828	.090
48	5	.481	.547	.409	.493	.375	.875	.090
53	6	.530	.615	.468	.553	.375	.938	.090
59	7	.590	.667	.518	.605	.438	1.000	.090
61	7X	.610	.687	.548	.635	.44 *	1.03 *	.090
62	8	.628	.725	.558	.662	.438	1.062	.090
65	8X	.658	.750	.588	.687	.438	1.094	.090
69	9	.690	.775	.620	.721	.469	1.125	.090
72	9X	.725	.812	.663	.761	.51 *	1.16 *	.090
75	10	.755	.870	.693	.808	.500	1.188	.090
82	11	.820	.930	.755	.865	.531	1.250	.090
83	11X	.825	.929	.763	.878	.56 *	1.25 *	.090
86	12	.867	.975	.805	.913	.562	1.281	.090
91	12X	.915	1.035	.840	.960	.625	1.344	.090
98	13	.984	1.105	.919	1.040	.656	1.438	.090
115	14	1.150	1.284	1.108	1.217	.656	1.562	.090
123	15	1.237	1.382	1.167	1.312	.656	1.688	.090
131	16	1.312	1.465	1.249	1.402	.656	1.844	.120
142	16X	1.420	1.510	1.350	1.445	.688	1.750	.120

NEW DASH NO.	ØD DASH NO. /2/	ØA	ØB	ØC	ØD	E /1/	ØF /1/	G
145	17	1.452	1.603	1.377	1.528	.625	1.938	.120
158	18	1.580	1.714	1.515	1.649	.625	2.062	.120
173	19	1.730	1.887	1.650	1.807	.625	2.312	.120
181	200	1.810	1.975	1.730	1.895	.625	2.375	.120
185	210	1.850	2.020	1.788	1.958	1.000	2.438	.120
192	21	1.927	2.058	1.857	1.988	.625	2.375	.120
206	221	2.067	2.243	2.005	2.181	1.000	2.688	.120
213	230	2.136	2.312	2.074	2.250	1.000	2.750	.120
229	240	2.298	2.464	2.235	2.401	1.000	2.875	.120
239	250	2.395	2.602	2.333	2.540	1.125	3.000	.120
247	43A	2.475	2.725	2.405	2.650	.906	3.156	.120
263	44	2.638	2.759	2.568	2.716	.688	3.219	.120
268	45A	2.685	2.955	2.623	2.916	1.000	3.438	.120
299	55A	2.990	3.250	2.920	3.180	1.000	3.375	.120
300	53	2.995	3.150	2.925	3.080	.750	3.594	.120
322	96A	3.225	3.562	3.155	3.517	1.125	4.000	.120
332	501	3.325	3.457	3.245	3.382	.750	3.875	.120
145	17	1.452	1.603	1.377	1.528	.625	1.938	.120
158	18	1.580	1.714	1.515	1.649	.625	2.062	.120
173	19	1.730	1.887	1.650	1.807	.625	2.312	.120
181	200	1.810	1.975	1.730	1.895	.625	2.375	.120
185	210	1.850	2.020	1.788	1.958	1.000	2.438	.120
192	21	1.927	2.058	1.857	1.988	.625	2.375	.120
206	221	2.067	2.243	2.005	2.181	1.000	2.688	.120
213	230	2.136	2.312	2.074	2.250	1.000	2.750	.120
229	240	2.298	2.464	2.235	2.401	1.000	2.875	.120

**INACTIVE FOR DESIGN AFTER 16 JUNE 1969. SEE NAS834.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NONE	TITLE CAP OR PLUG, PROTECTIVE, PLAIN TUBE OR HOLE	CLASSIFICATION PART STANDARD
		NAS816 SHEET 1 OF 3

MATERIAL:

VIRGIN POLYETHYLENE PER L-P-390, TYPE I, CLASS L, GRADE 1; OR PER ASTM D4976, GROUP 1, CLASS 1; OR PER ASTM D1248, TYPE I.

COLOR:

OPTIONAL; IF NO COLOR IS SPECIFIED, YELLOW SHALL BE SUPPLIED.

CODE:

PART NUMBER CONSISTS OF THE BASIC NUMBER PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE OF PART NUMBER:

NAS816-53

BASIC NUMBER

DASH NUMBER FROM TABLE I

NAS816-53 = PLUG FOR USE IN A HOLE .550 TO .590 IN DIAMETER.

NOTES:

- /1/ TOLERANCE $\pm .03$ EXCEPT GENERAL DRAWING TOLERANCE APPLIES TO DIMENSIONS NOTED BY AN ASTERISK.
- /2/ OLD DASH NUMBERS ARE INACTIVE AFTER 15 JAN 1961, AND ARE SUPERSEDED BY NEW DASH NUMBERS TABULATED IN TABLE.
- (3) IDENTIFICATION: PERMANENTLY MARK ALL SIZES WITH MANUFACTURER'S NAME OR TRADEMARK AND SIZES -53 AND LARGER WITH NAS NUMBER, LOCATION OPTIONAL
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm .010$.
- (5) INTENDED USE: CAP OR PLUG FOR PLAIN TUBING OR HOLES.
- (6) GENERAL REQUIREMENTS FOR CLOSURES DESCRIBED HEREON:
 - a) THE CAP OR PLUG SHALL BE CAPABLE OF PERFORMING ITS INTENDED FUNCTION WITHOUT LOOSENING OR FALLING OFF WHEN SUBJECTED TO NORMAL HANDLING AND VIBRATION EXPERIENCED IN THE TRANSPORTATION OF PARTS IN WHICH IT MAY BE INSTALLED.
 - b) THE CAP OR PLUG MUST BE EASILY INSTALLED AND REMOVED AND CAPABLE OF WITHSTANDING REPEATED REMOVAL AND REPLACEMENT.
 - c) THE MATERIAL SHALL NOT SHRED OR CHIP UNDER NORMAL USE.
 - d) THE CAP OR PLUG SHALL BE CAPABLE OF WITHSTANDING A POSITIVE PRESSURE OF 2 PSI WITHOUT BLOWING OFF AND A NEGATIVE PRESSURE OF 2 PSI WITHOUT COLLAPSING.
 - e) CLOSURES SHALL BE FREE FROM WARPAGE, CRACKS, CHIPPED EDGES, BLISTERS, BURRS AND FLASH.

**INACTIVE FOR DESIGN AFTER 16 JUNE 1969. SEE NAS834.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

REVISION

3

③ COMPLETELY REVISED



NAS816

SHEET 2

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