

[INCH-POUND]
A-A-55485/2F
26 August 2025
SUPERSEDING
A-A-55485/2E
28 October 2015

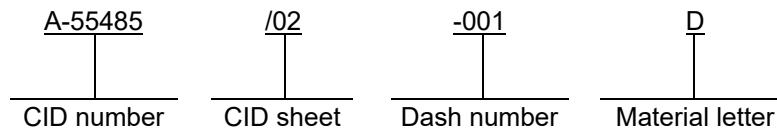
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

MOUNTING PADS, ELECTRICAL-ELECTRONIC COMPONENT,
.200 OR .230 DIAMETER PIN CENTER

The General Services Administration has authorized the use
of this commercial item description (CID) as a replacement for
MIL-M-38527/2 for all federal agencies.

The complete requirements for procuring the mounting pads described herein shall consist of this
document and the issue in effect of CID [A-A-55485](#).

CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This CID uses a classification system
which is included in the Part Identification Number (PIN) as shown in the following example (see [NOTES](#)).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Mounting pads supplied to this CID shall be as specified herein (see [figure 1](#)).

Material. Material shall be diallyl phthalate (D) or nylon (N).

Marking. Not applicable.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See
classification information for PIN format example.

Comments, suggestions, or questions on this document should be addressed to DLA Land and Maritime,
ATTN: VAT, Post Office Box 3990, Columbus, OH 43218-3990 or emailed to (relay@dla.mil). Since

AMSC N/A

FSC 5999

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.



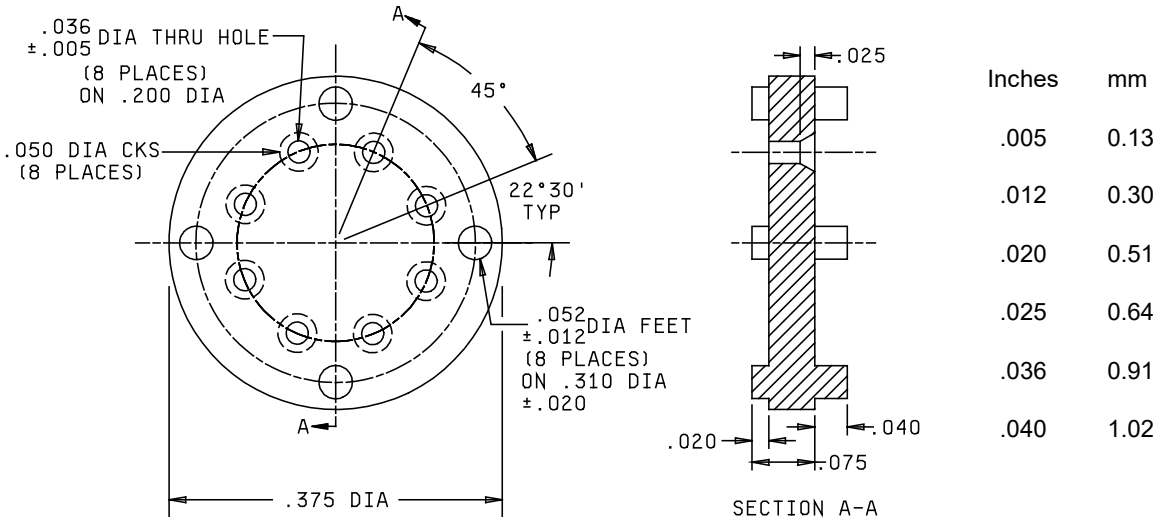
contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

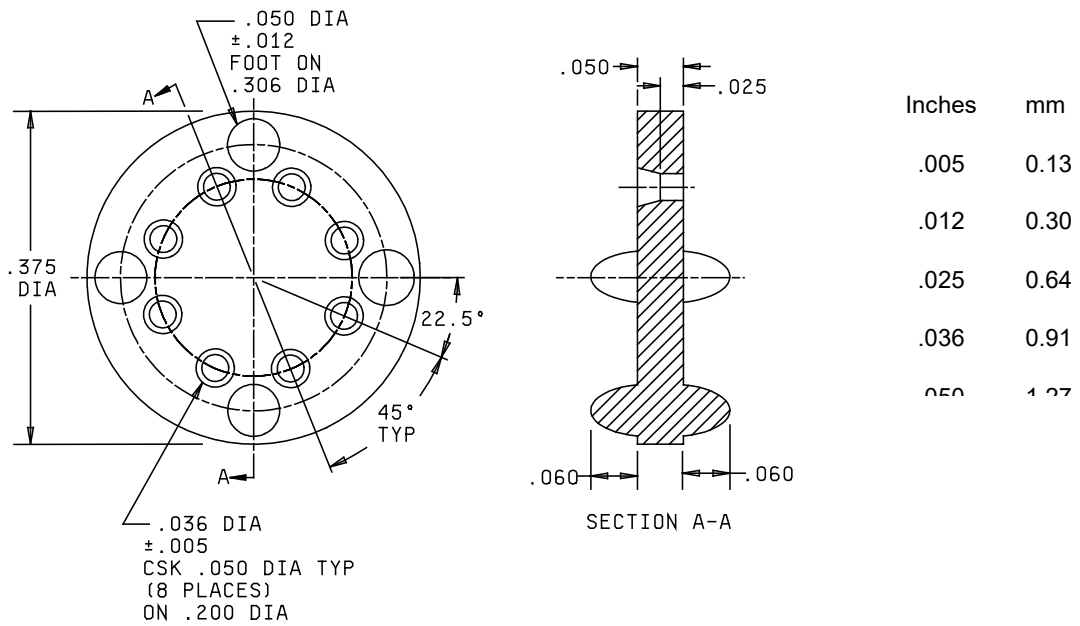
FSC 5999

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

A-A-55485/2F



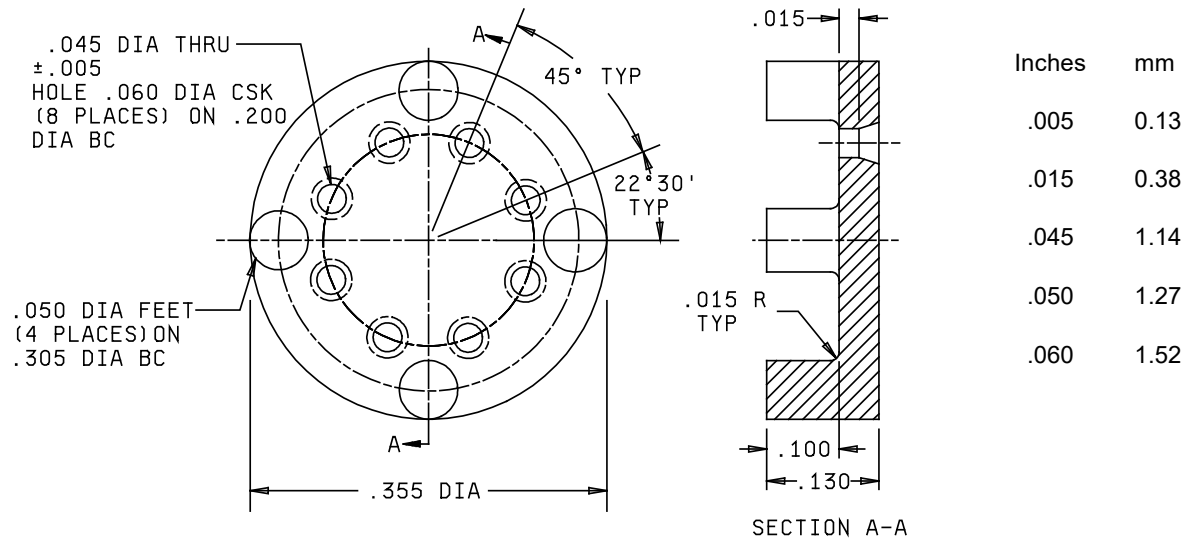
A-55485/02-001



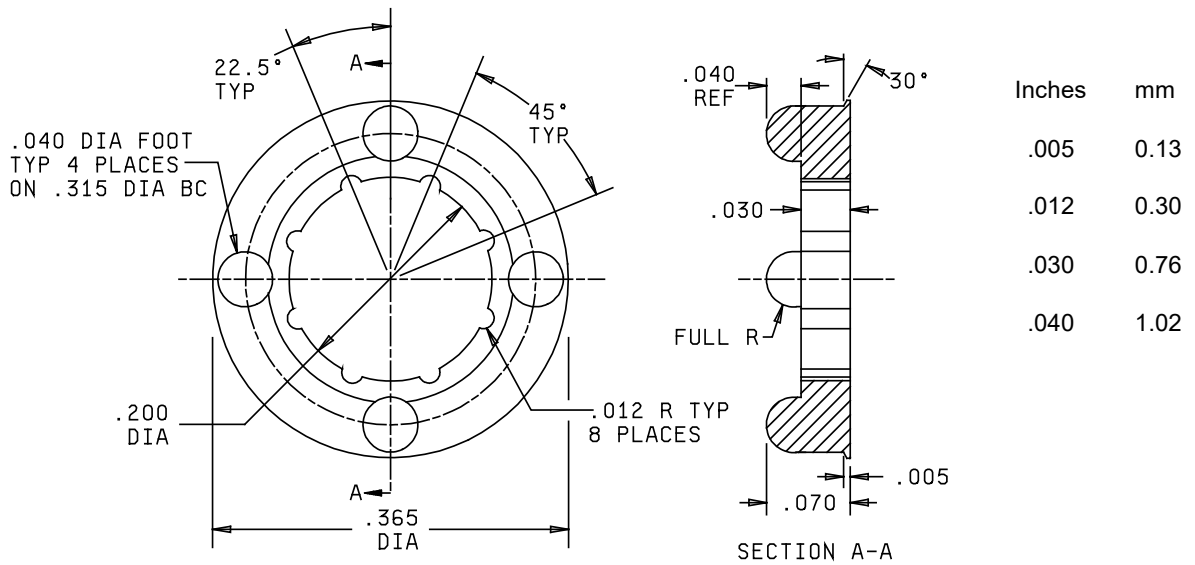
A-55485/02-002

Figure 1. Configurations and dimensions.

A-A-55485/2F



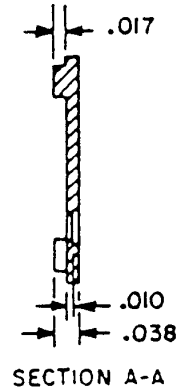
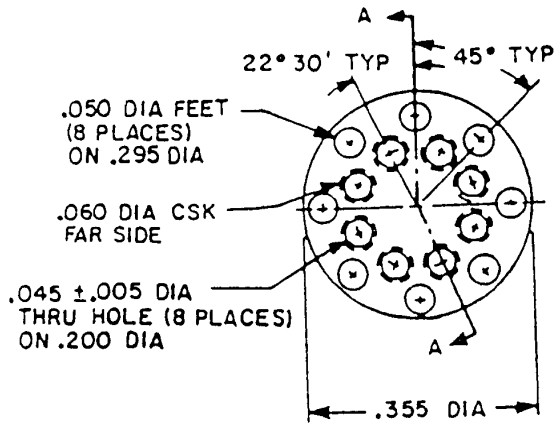
A-55485/02-003



A-55485/02-004

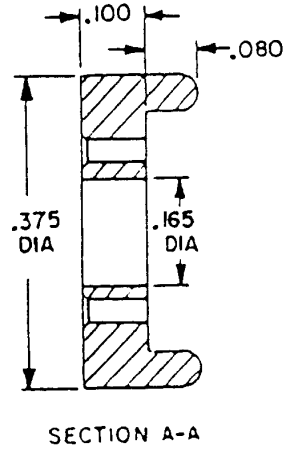
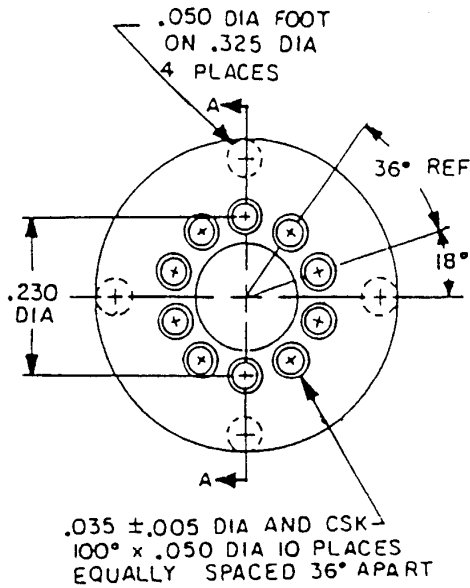
FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



Inches	mm
.005	0.13
.010	0.25
.017	0.43
.038	0.96
.045	1.14
.050	1.27
.060	1.52
.200	5.08
.295	7.49
.355	9.02

A-55485/02-005



Inches	mm
.005	0.13
.035	0.89
.050	1.27
.080	2.03
.100	2.54
.165	4.19
.230	5.84
.325	8.26
.375	9.52

A-55485/02-006

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

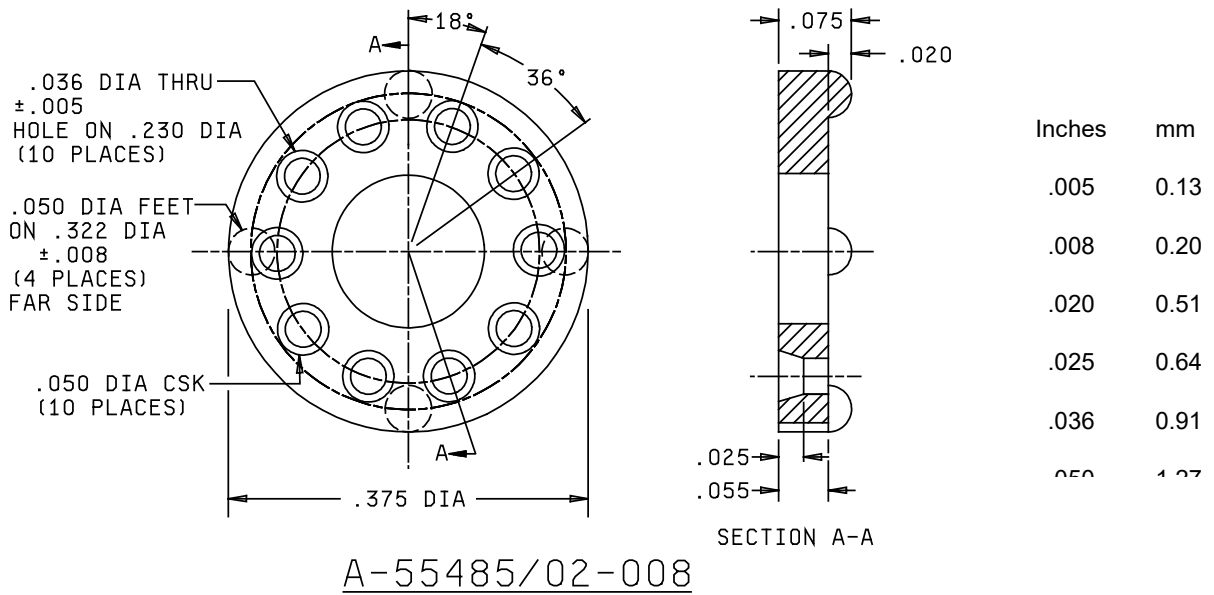
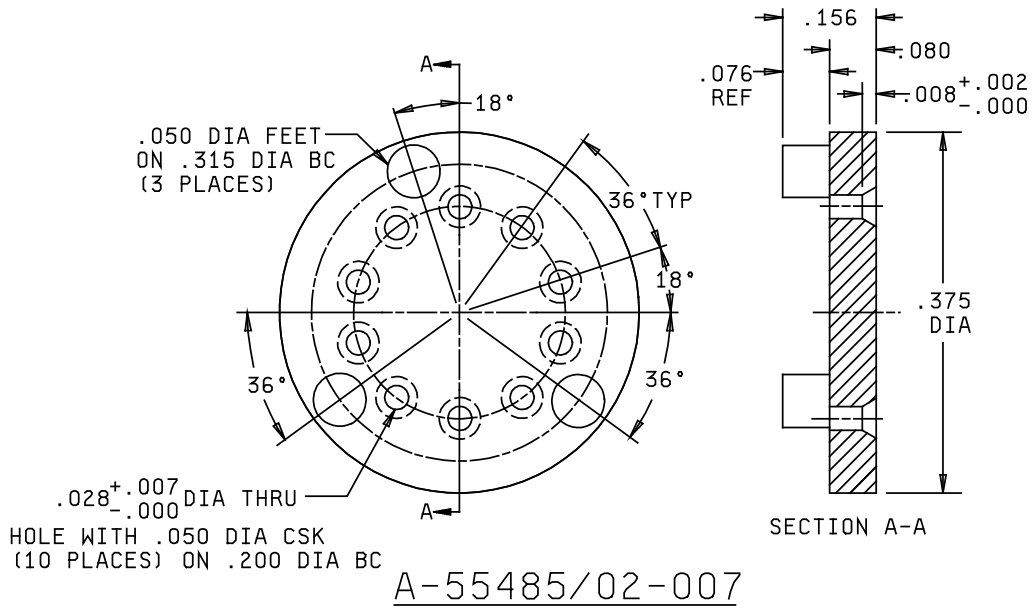
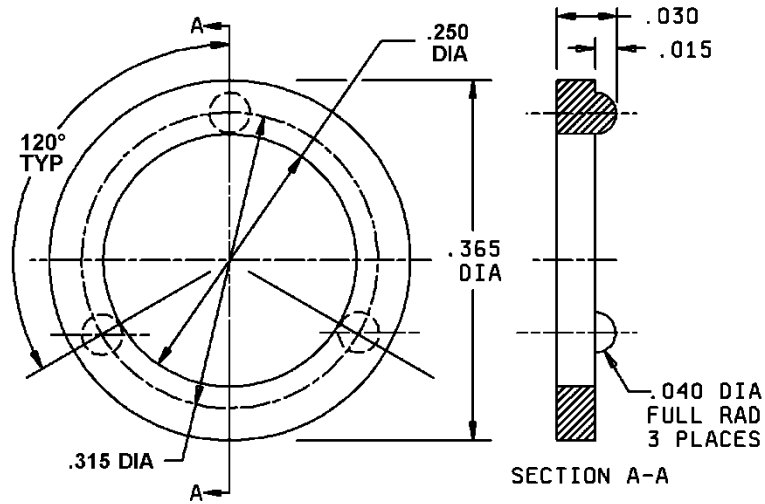


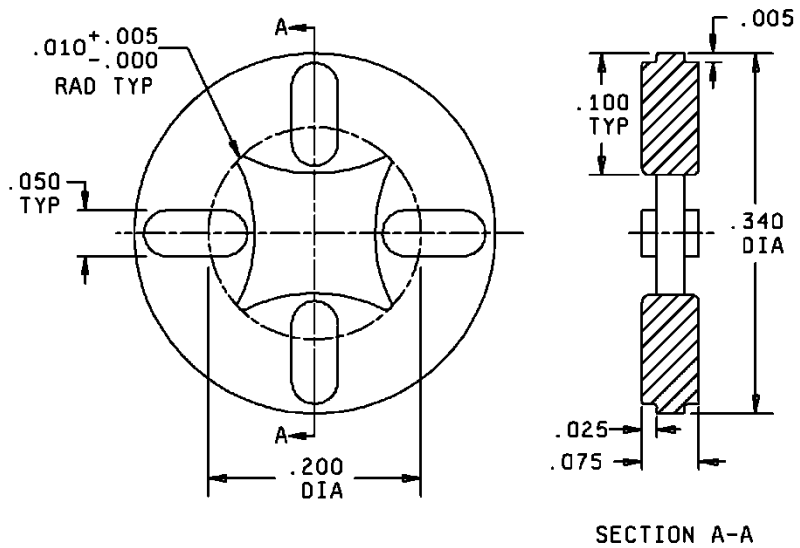
FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



Inches	mm
.015	0.38
.030	0.76
.040	1.02
.250	6.35

A-55485/02-009



Inches	mm
.005	0.13
.010	0.25
.025	0.64
.050	1.27

A-55485/02-010

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

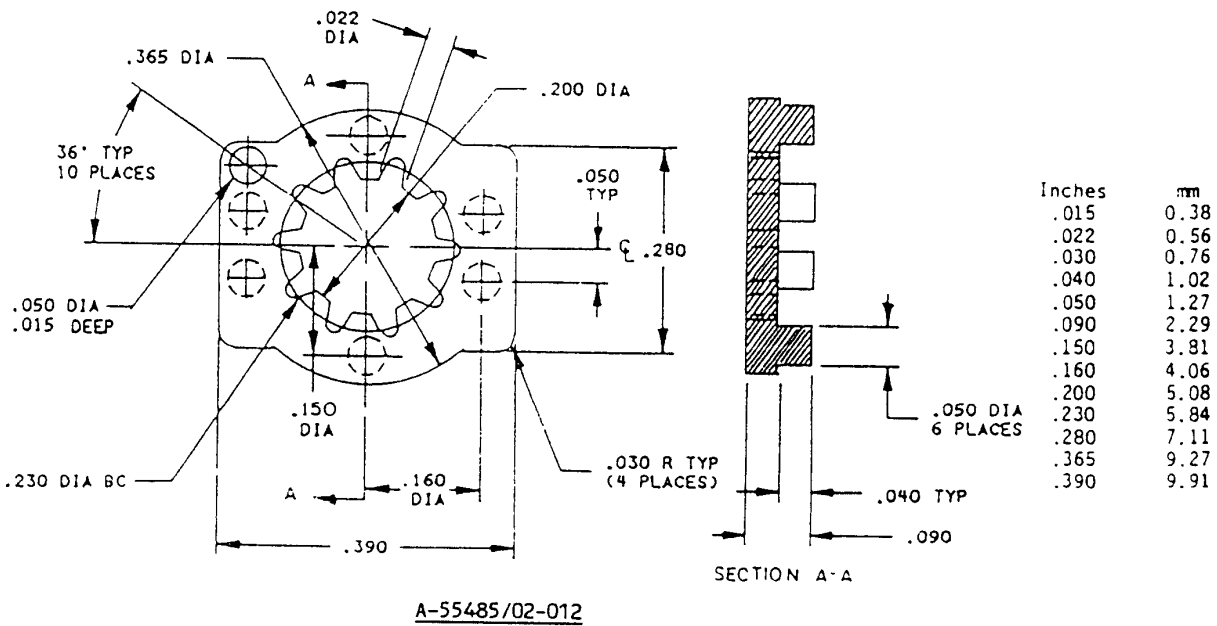
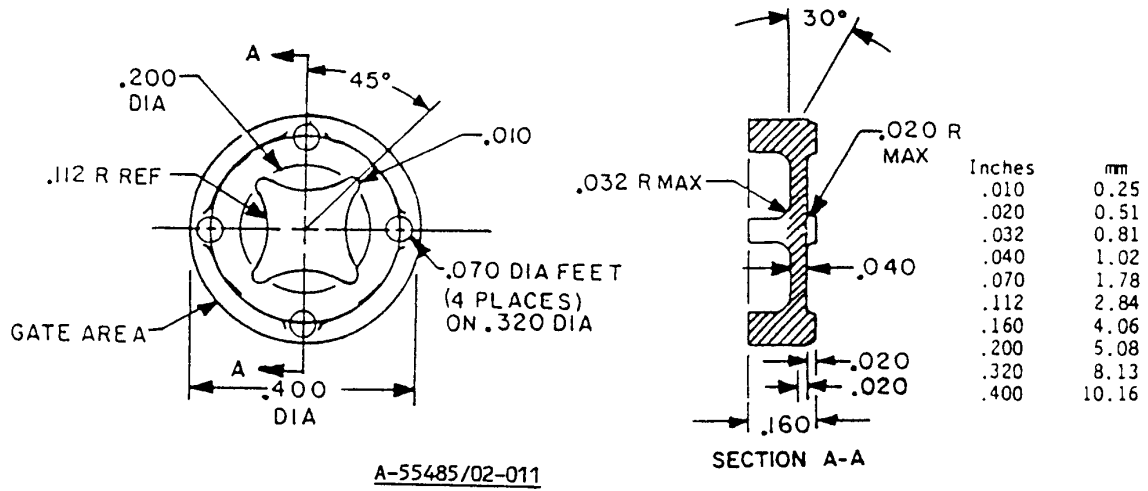
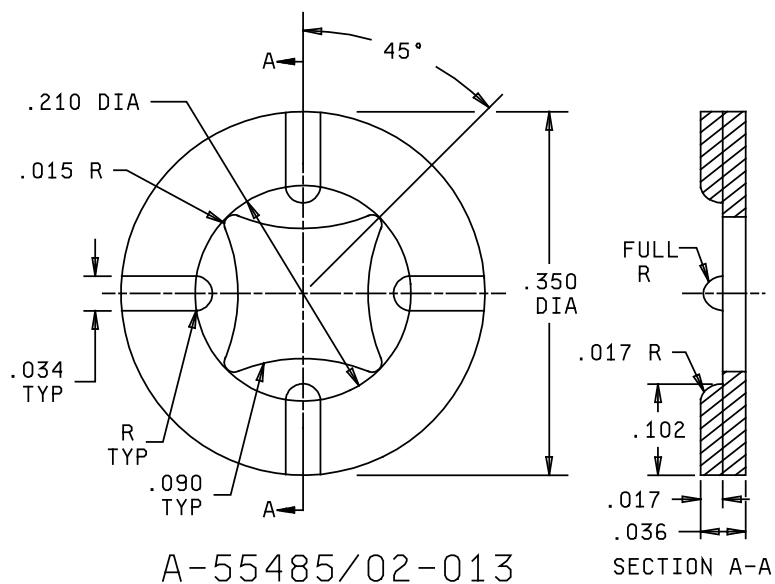
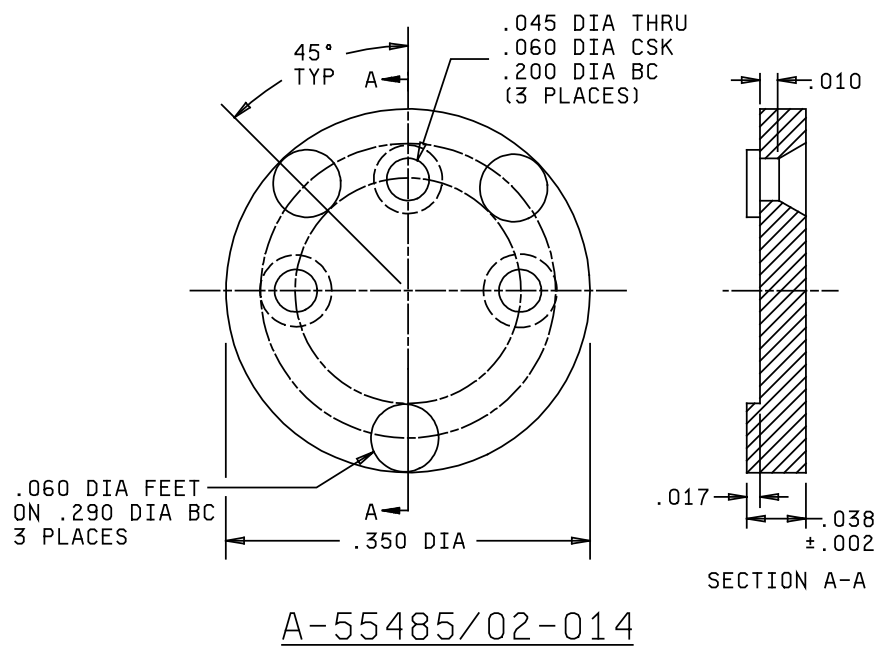


FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



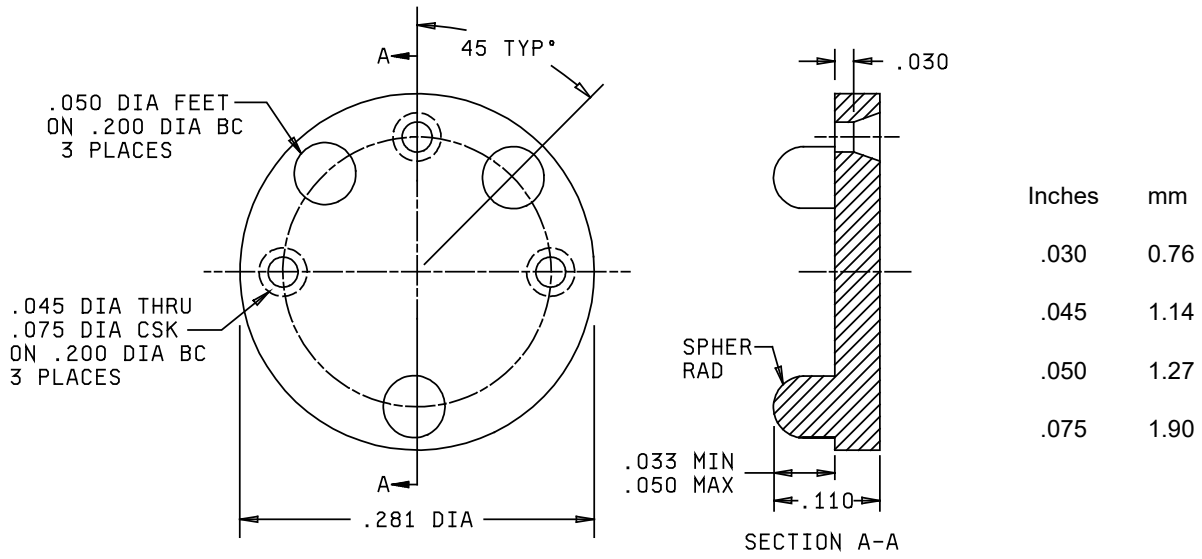
Inches	mm
.015	0.38
.017	0.43
.034	0.86
.036	0.91
.090	2.29



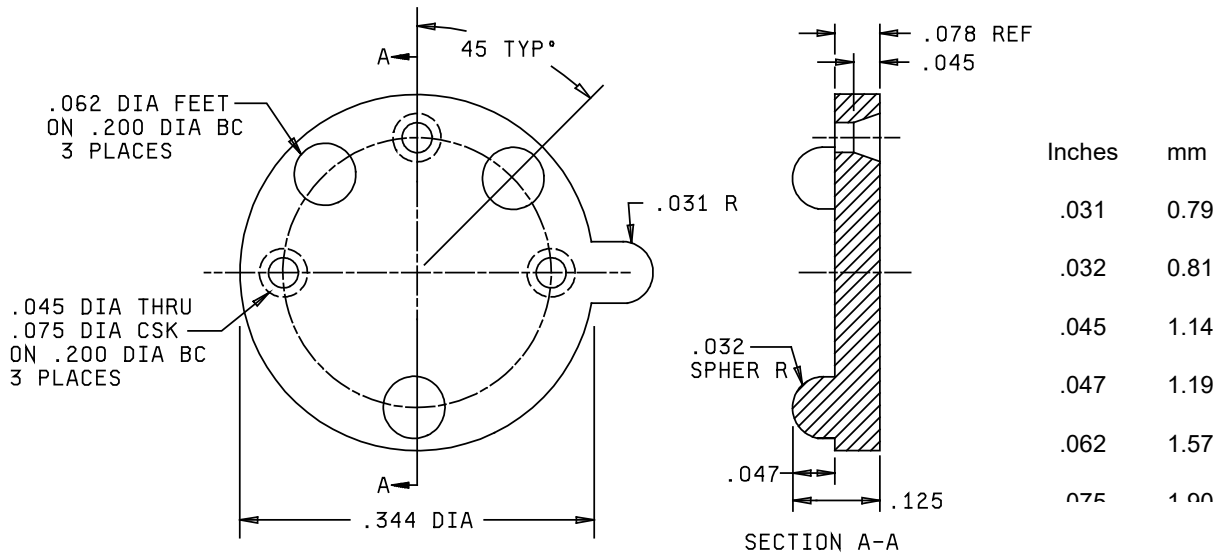
Inches	mm
.002	0.05
.010	0.25
.017	0.43
.038	0.97
.045	1.14

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



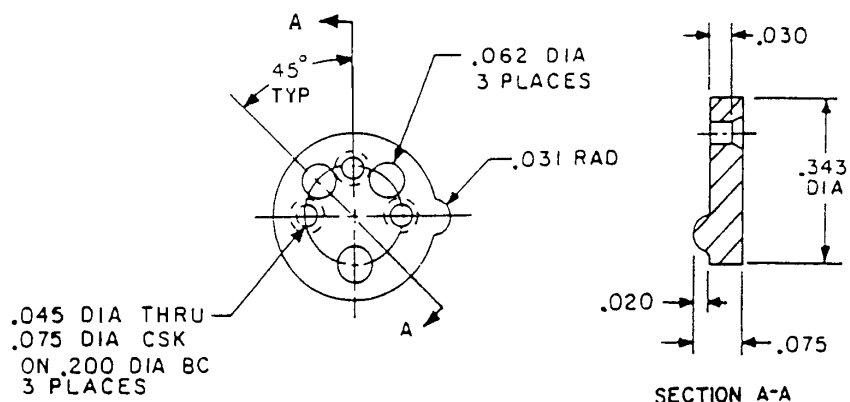
A-55485/02-015



A-55485/02-016

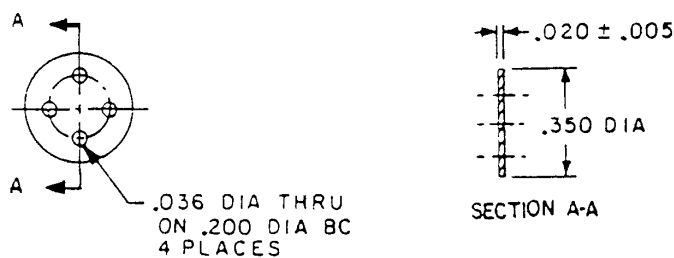
FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



Inches	mm
.020	0.51
.030	0.76
.031	0.79
.045	1.14
.062	1.57
.075	1.90
.200	5.08
.343	8.71

A-55485/02-017



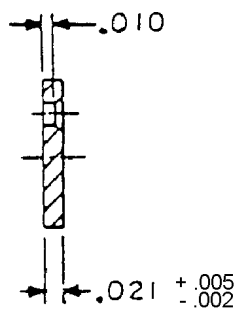
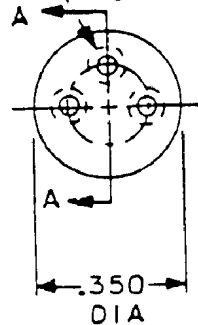
Inches	mm
.005	0.13
.020	0.51
.036	0.91
.200	5.08
.350	8.89

A-55485/02-018

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

.045 DIA THRU
.060 DIA CSK
ON .200 DIA BC
3 PLACES

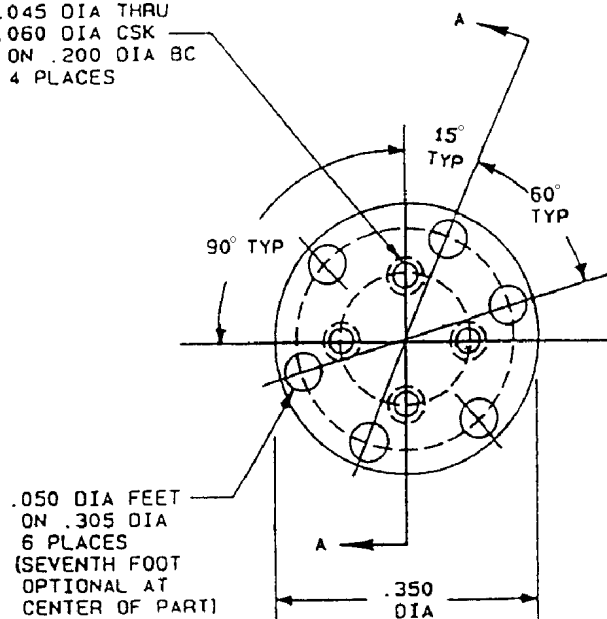


Inches	mm
.002	0.05
.010	0.25
.021	0.53
.045	1.14
.060	1.52
.200	5.08
.350	8.89

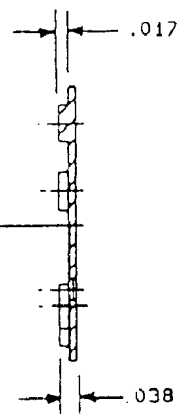
SECTION A-A

A-55485/02-019

.045 DIA THRU
.060 DIA CSK
ON .200 DIA BC
4 PLACES



.050 DIA FEET
ON .305 DIA
6 PLACES
(SEVENTH FOOT
OPTIONAL AT
CENTER OF PART)



Inches	mm
.017	0.43
.038	0.96
.045	1.14
.050	1.27
.060	1.52
.200	5.08
.305	7.75
.350	8.89

SECTION A-A

A-55485/02-020

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

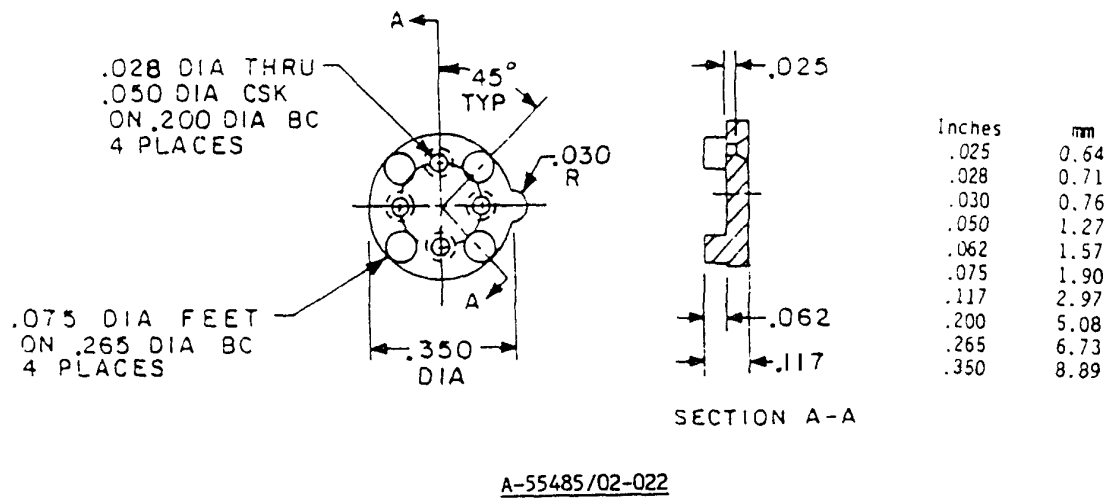
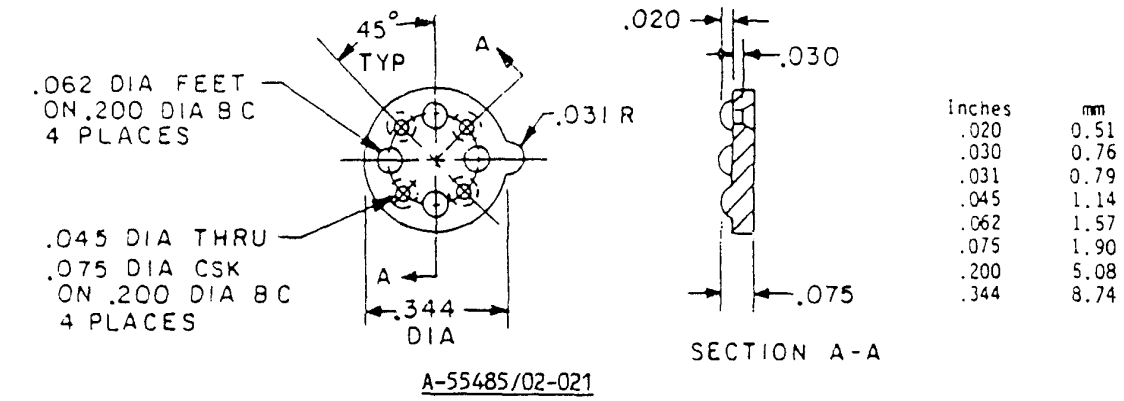
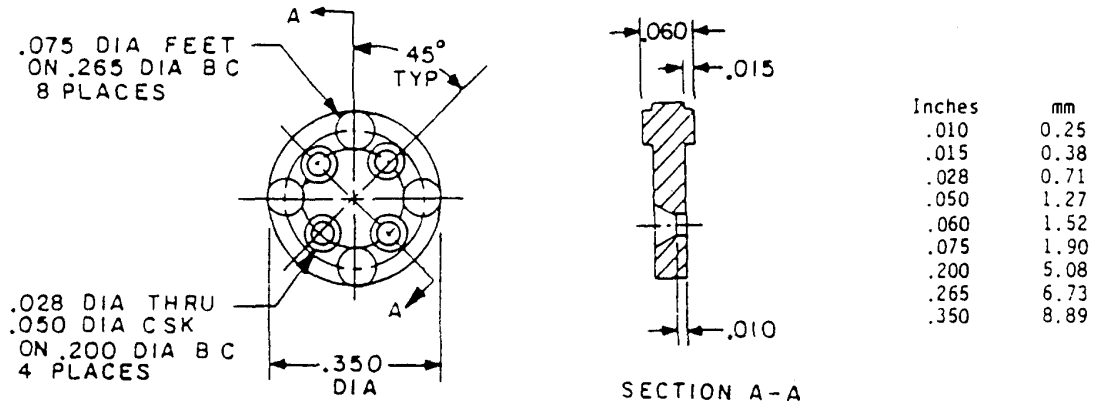
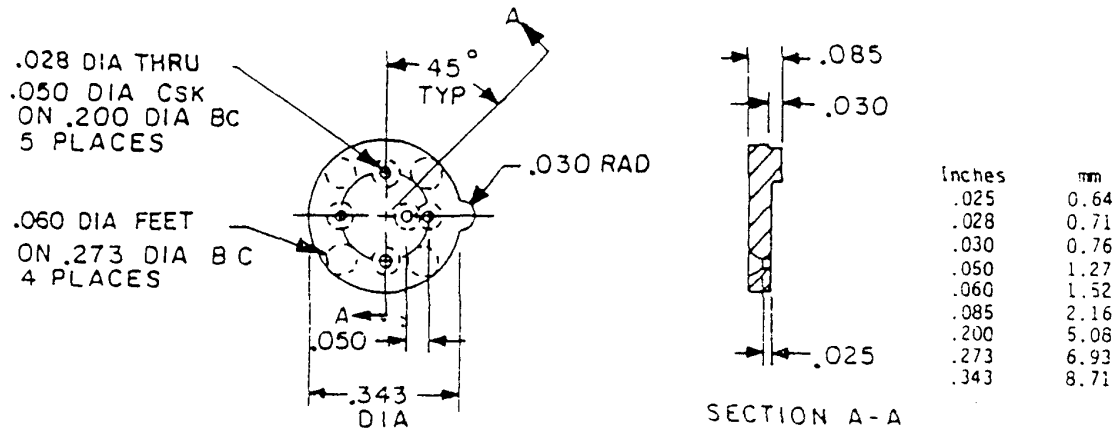


FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



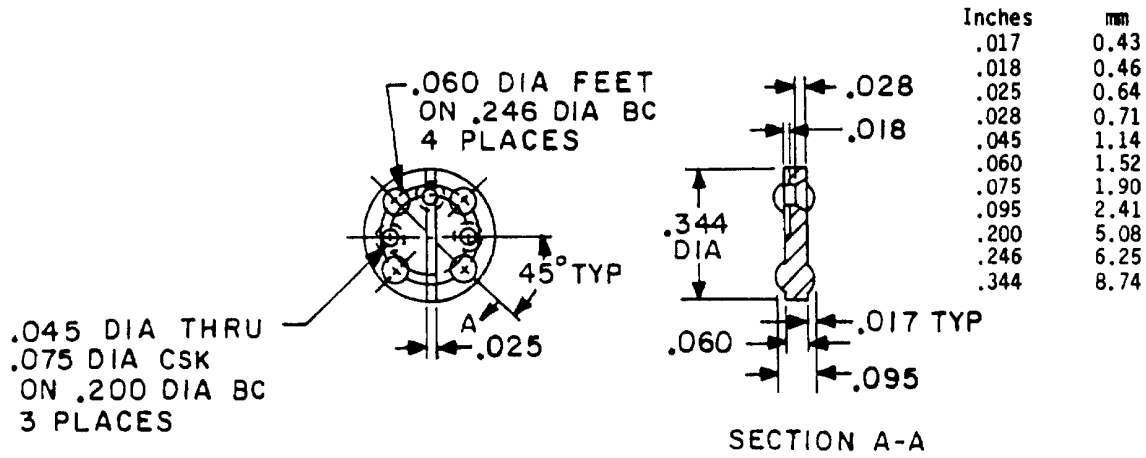
A-55485/02-023



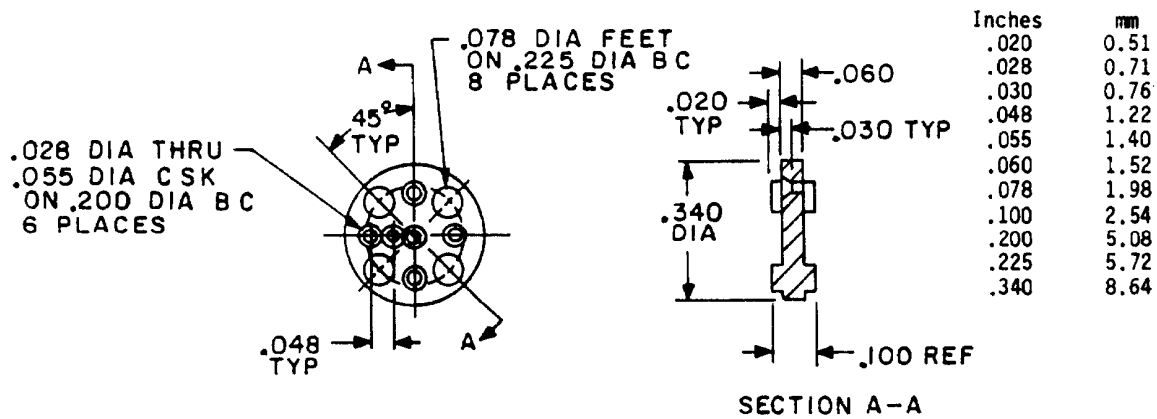
A-55485/02-024

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



A-55485/02-025

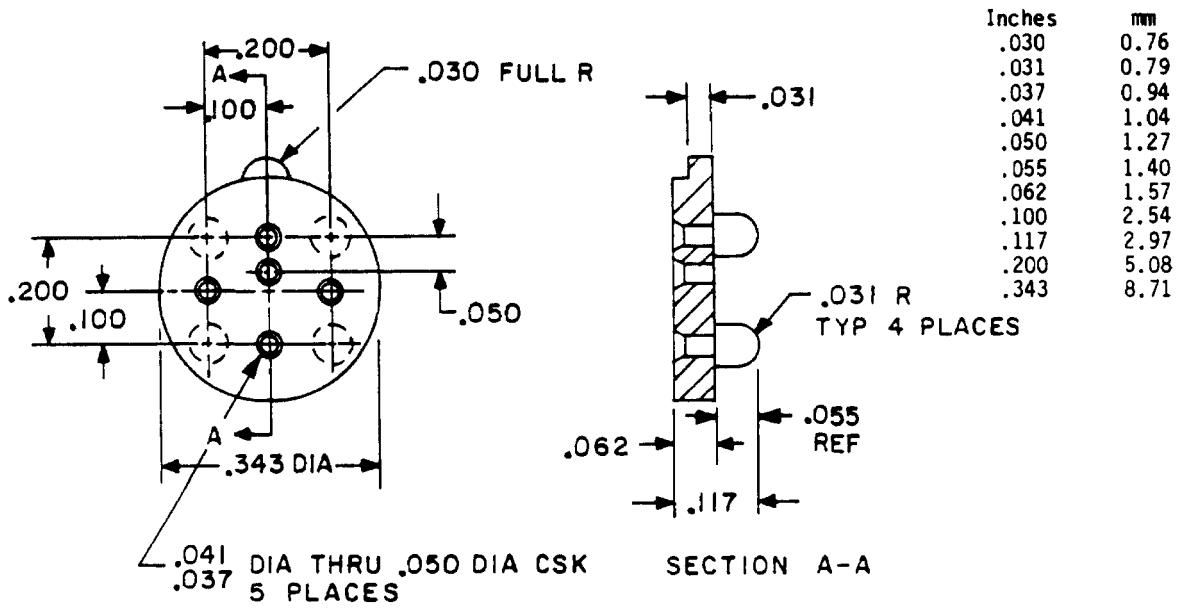


A-55485/02-026

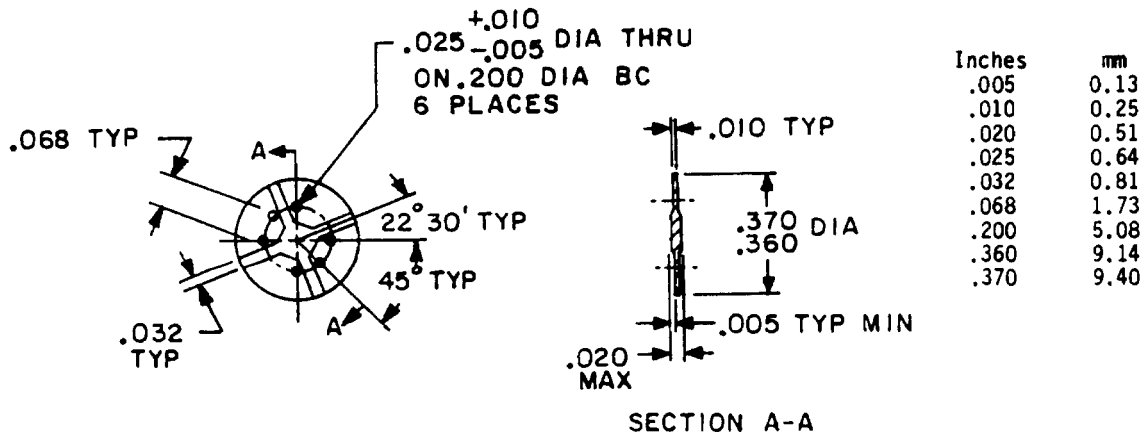
A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



A-55485/02-027



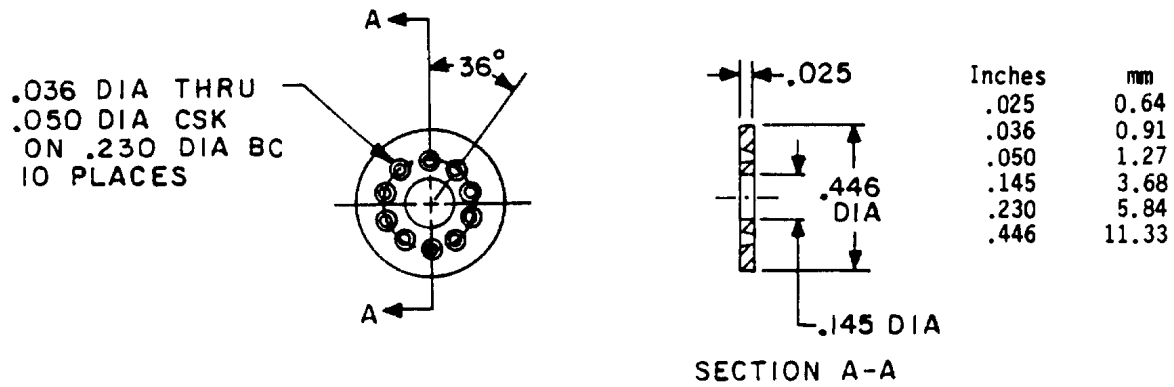
A-55485/02-028

FIGURE 1. Configurations and dimensions - continued.

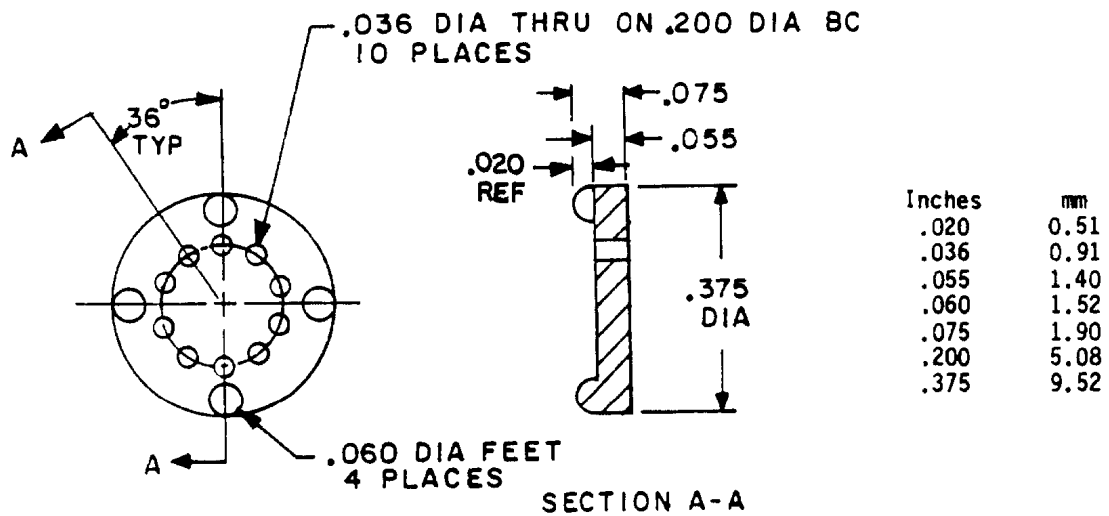
A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



A-55485/02-029



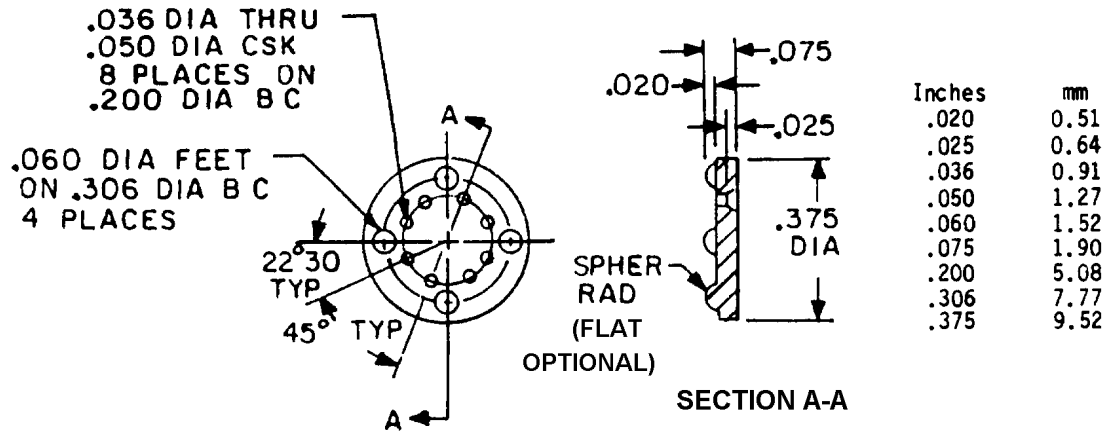
A-55485/02-030

FIGURE 1. Configurations and dimensions - Continued.

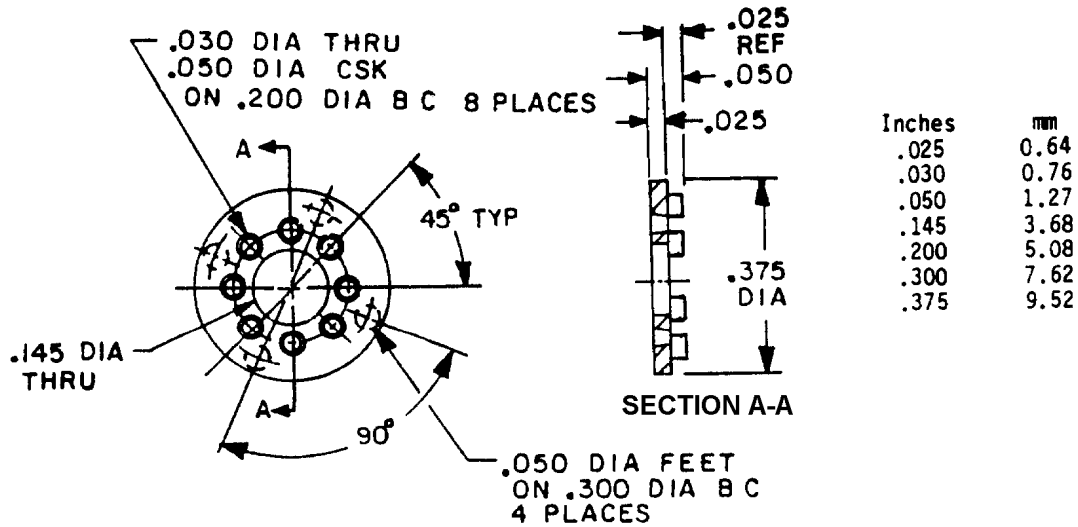
A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



A-55485/02-031



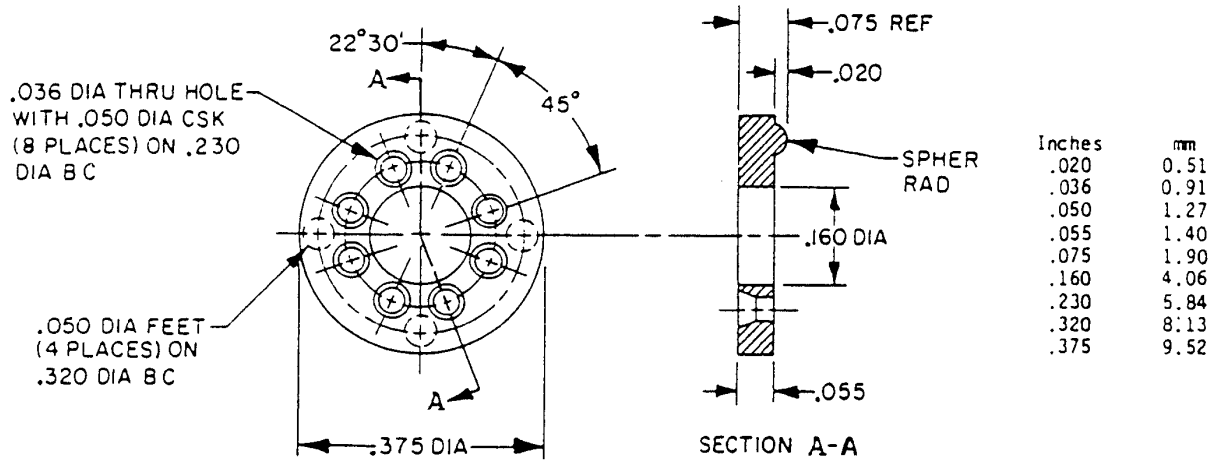
A-55485/02-032

FIGURE 1. Configurations and dimensions - Continued.

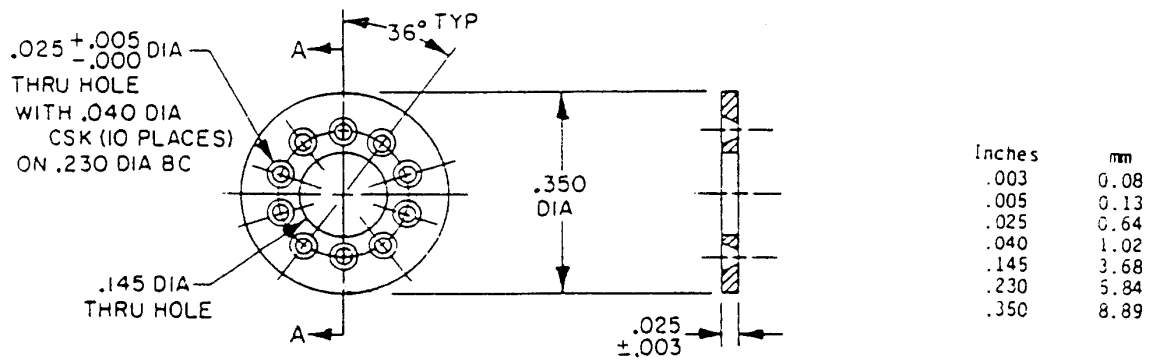
A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



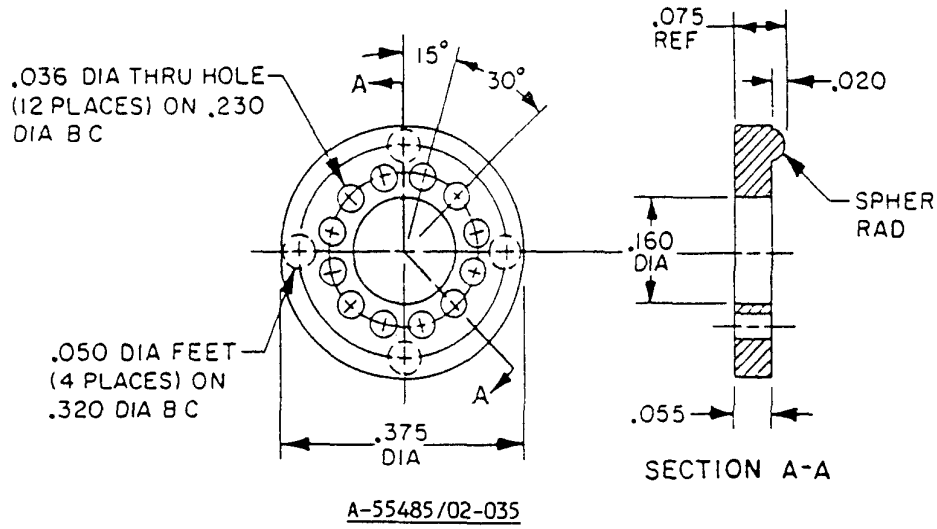
A-55485/02-033



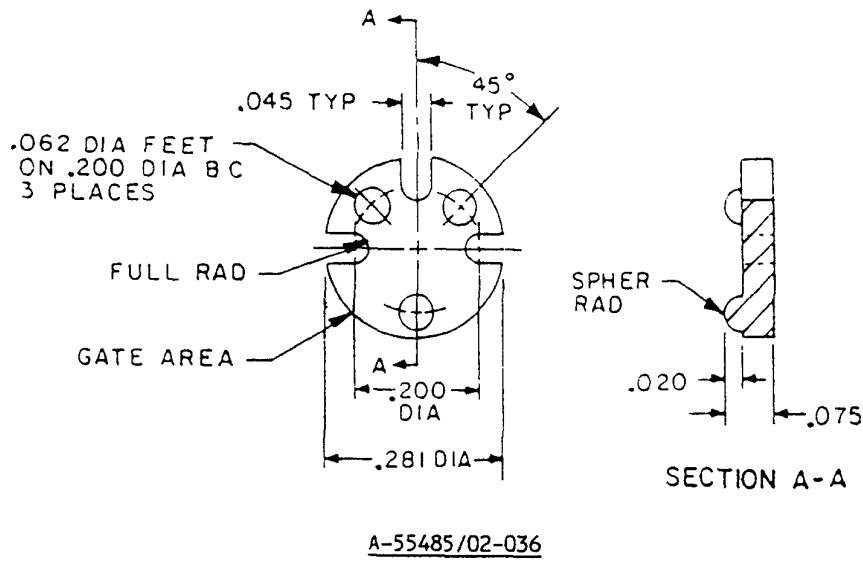
A-55485/02-034

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



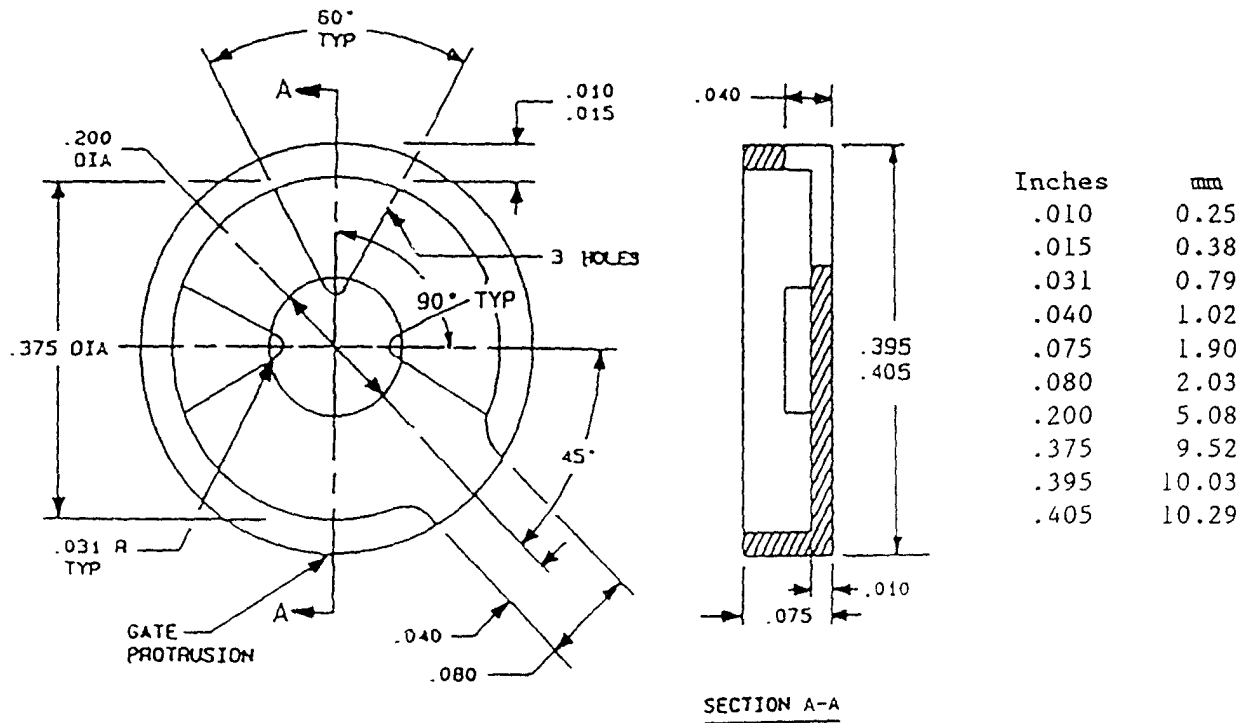
Inches	mm
.020	0.51
.036	0.91
.050	1.27
.055	1.40
.075	1.90
.160	4.06
.230	5.84
.320	8.13
.375	9.52



Inches	mm
.020	0.51
.045	1.14
.062	1.57
.075	1.90
.200	5.08
.281	7.14

FIGURE 1. Configurations and dimensions - Continued.

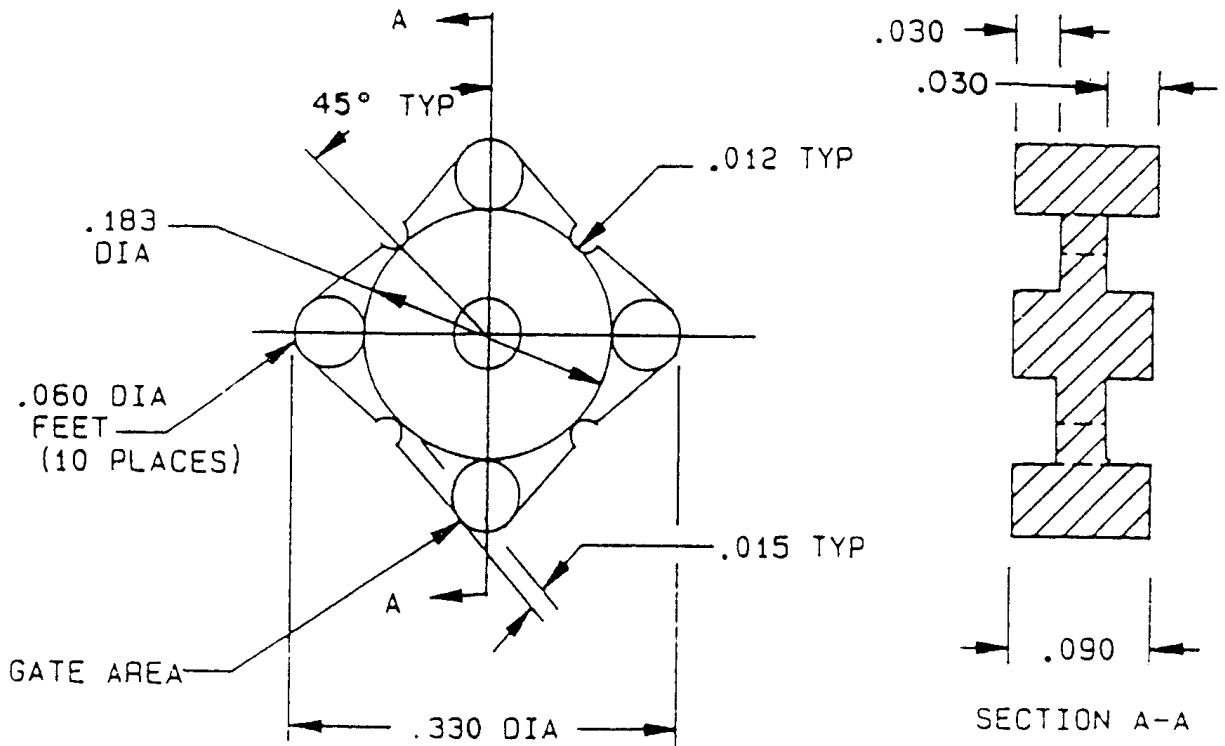
A-A-55485/2F



A-55485/02-037

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

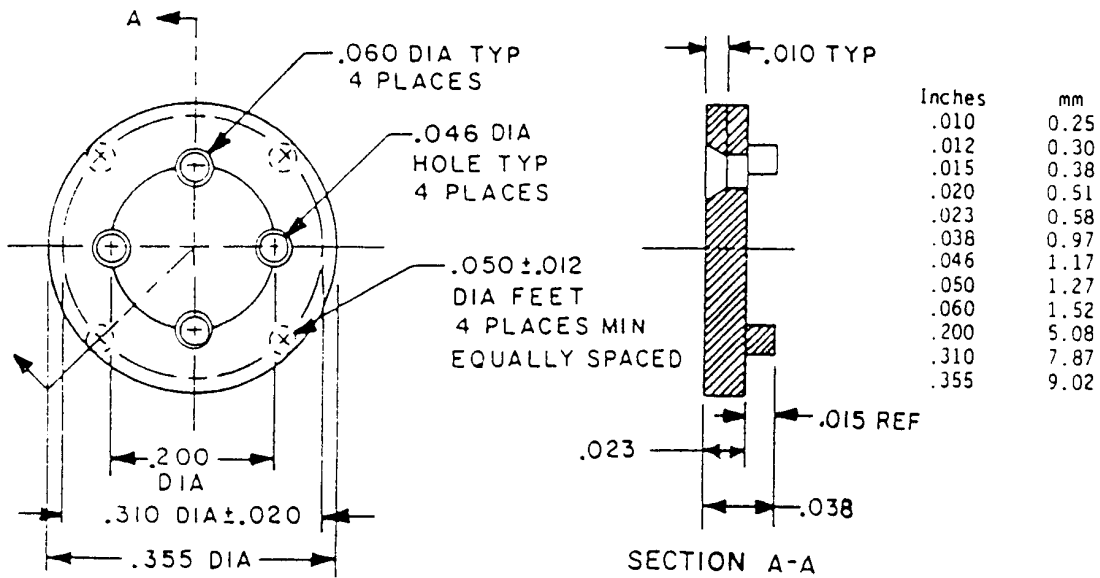


Inches	mm
.012	0.30
.015	0.38
.030	0.76
.060	1.52
.090	2.29
.183	4.65
.330	8.38

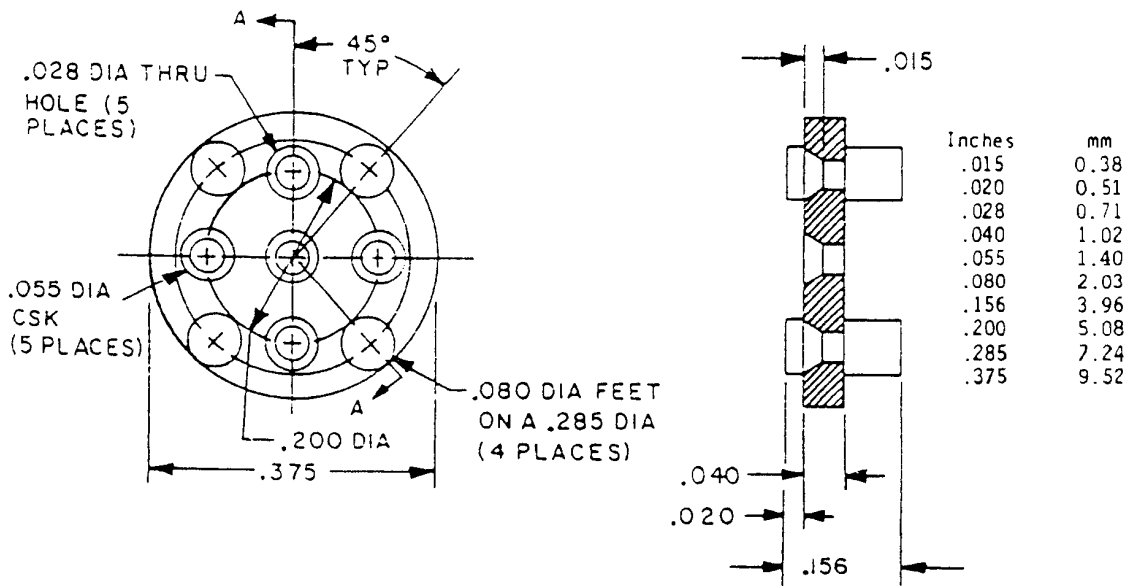
A-55485/02-038

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



A-55485/02-039



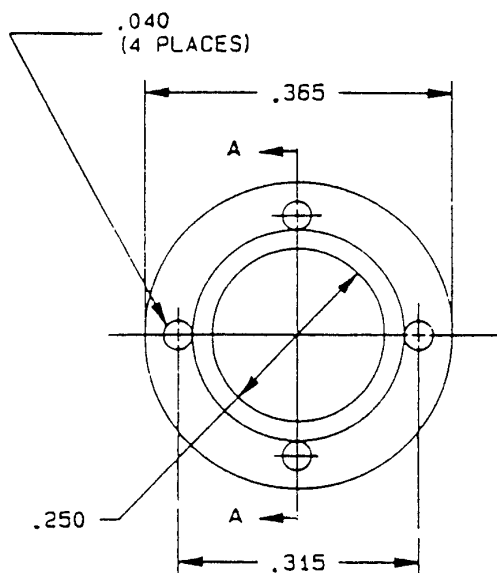
A-55485/02-040

FIGURE 1. Configurations and dimensions - Continued.

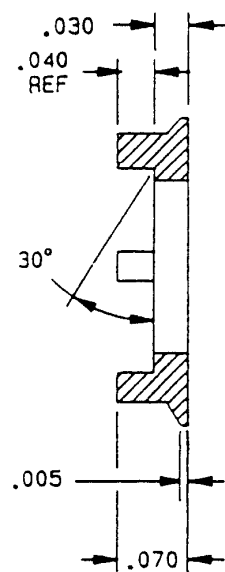
A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

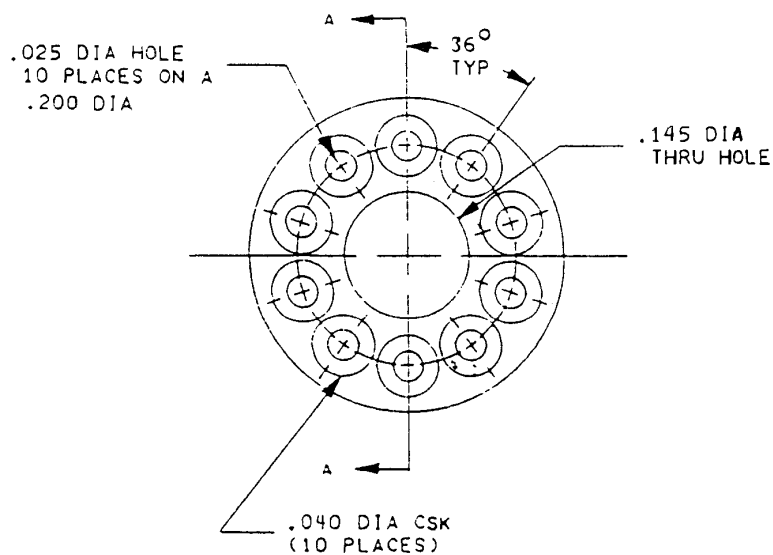


A-55485/02-041

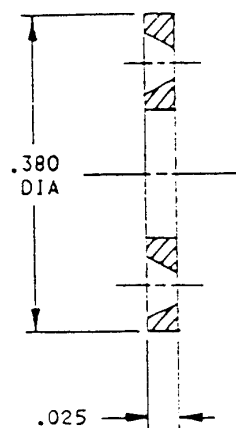


SECTION A-A

Inches	mm
.005	0.13
.030	0.76
.040	1.02
.070	1.78
.250	6.35
.315	8.00
.365	9.27



A-55485/02-042



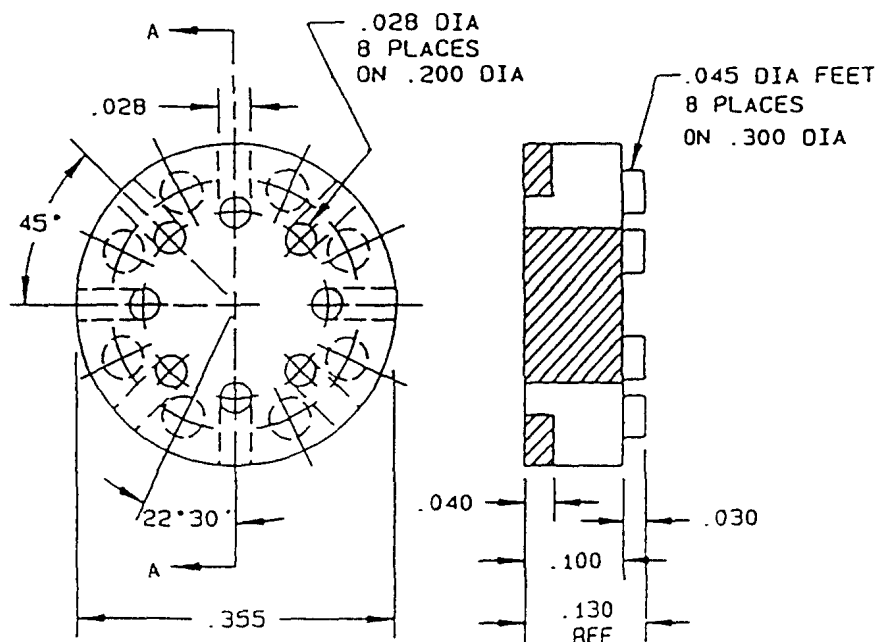
SECTION A-A

Inches	mm
.025	0.64
.040	1.02
.145	3.68
.200	5.08
.380	9.65

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

FIGURE 1. Configurations and dimensions - Continued.



SECTION A-A

Inches	mm
.028	0.71
.030	0.76
.040	1.02
.045	1.14
.100	2.54
.130	3.30
.200	5.08
.300	7.62
.355	9.02

A-55485/02-043

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

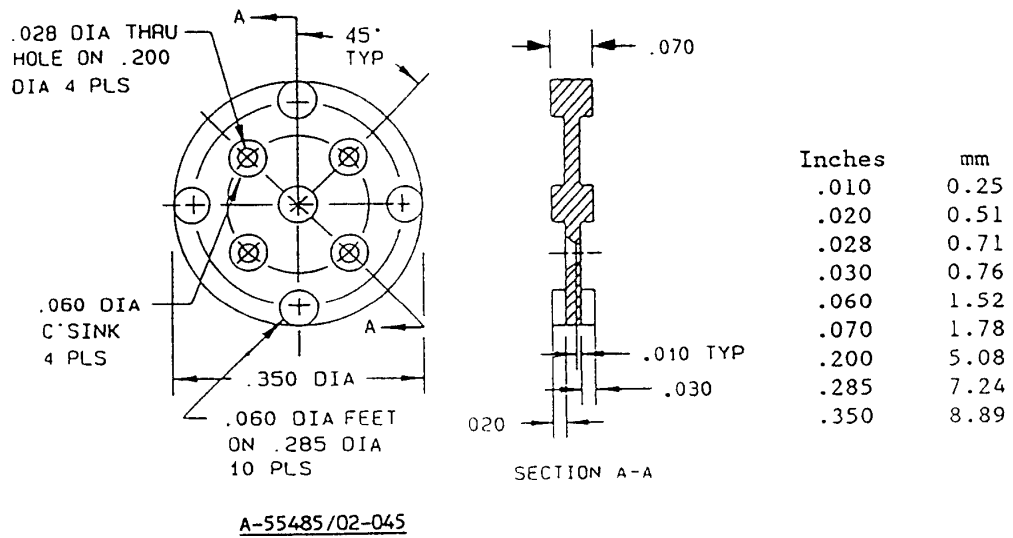
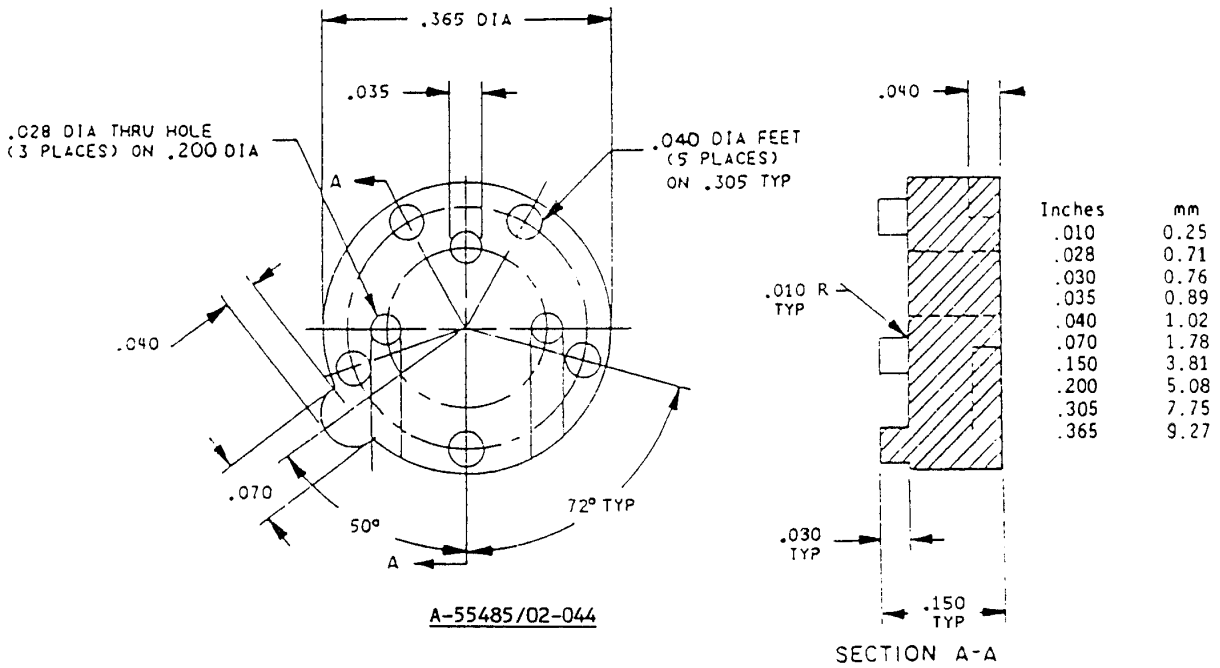
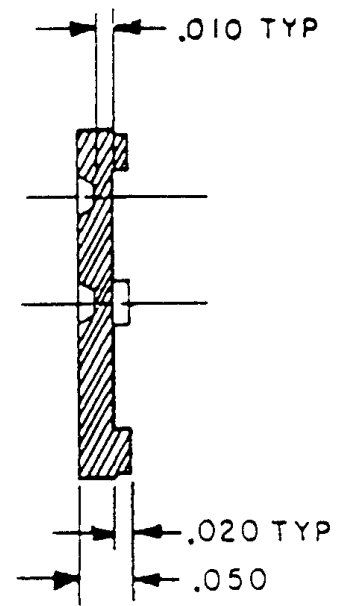
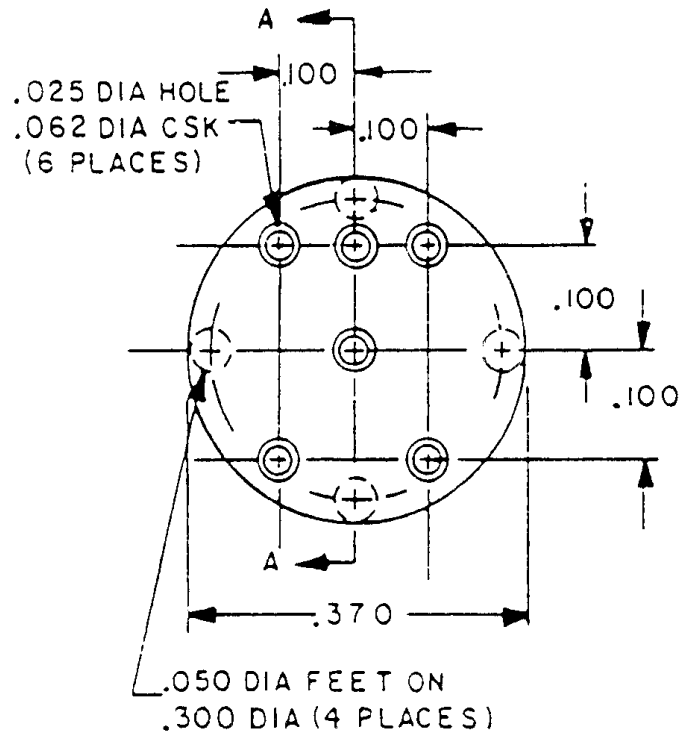


FIGURE 1. Configurations and dimensions - Continued.



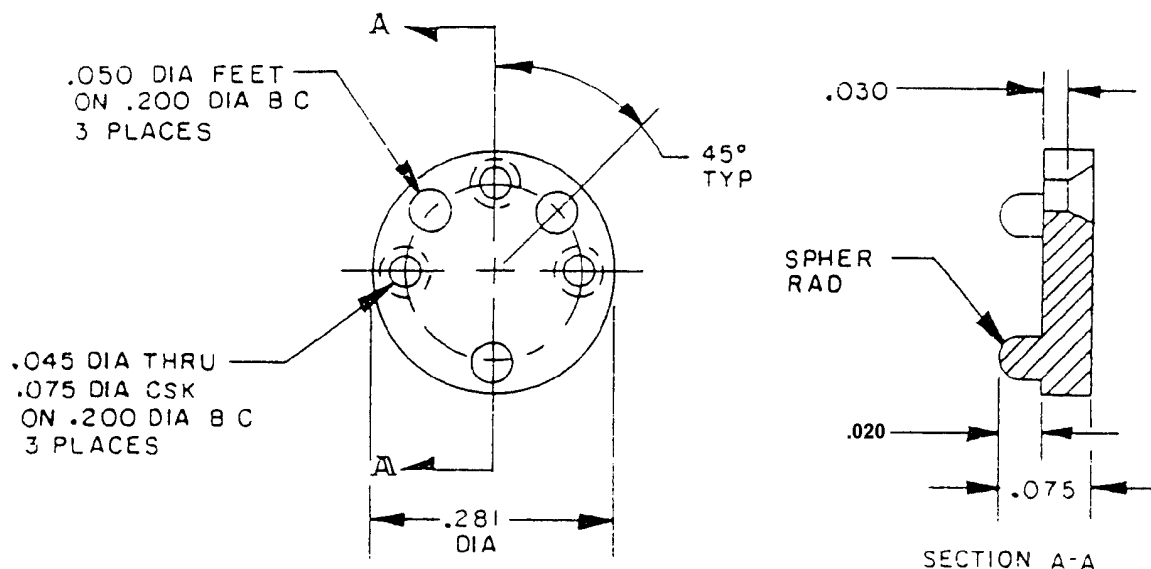
SECTION A-A

Inches	mm
.010	0.25
.020	0.51
.025	0.64
.050	1.27
.062	1.57
.100	2.54
.300	7.62
.370	9.40

A-55485/02-046

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F



Inches	mm
.030	0.76
.035	0.89
.045	1.14
.050	1.27
.075	1.90
.200	5.08
.281	7.14

A-55485/02-047

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance on height of pad shall be ± 0.015 (0.38 mm).
4. Unless otherwise specified, tolerances are ± 0.010 (0.25 mm) for decimals and $\pm 1^\circ$ on angles. A .010

FIGURE 1. Configurations and dimensions - Continued.

A-A-55485/2F

(0.25 mm) radius is permissible on corners and edges. A 1° draft is permitted on sides.

FIGURE 1. Configurations and dimensions - Continued.

NOTES.

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>	<u>MFR's CAGE</u>	<u>MFR's name and address</u>
0ZK84	Micro-Dimensional Products, Inc. 199 W Spruce Street Norristown, PA 19401-3863 (610) 239-7940 https://www.microdimensional.com	24227	Teknational Thermal Insulation and Hardware, Inc. 2455 Moreno Avenue Units 1-4 Fort Myers, FL 33901-7330 (408) 960-0370 https://www.teknational.com
08289	The Delbert Blinn Company, Inc. 4460-A Brooks Street Montclair, CA 91763 (909) 621-0200 https://www.delbertblinn.com	32559	Bivar, Inc. 4 Thomas Irvine, CA 92618-2512 (949) 951-8808 https://www.bivar.com
1N6F3	Boyd Laconia LLC DBA Avid Design 1 Aavid Circle Laconia, NH 03246 (603) 224-9988 https://www.aavid.com	53174	APX Plastics, Inc. 621 109 th Street Arlington, TX 76011-7601 (817) 275-3883 https://www.apxplastics.com
21071	Globe Plastics, Incorporated 13477 Twelfth Street Chino, CA 91710-5206 (909) 464-1520 https://www.globecomposites.com	54355	Accessories For Electronics, Inc DBA AFE 195 Central Avenue, NO Q Farmingdale, NY 11735-6904 (631) 847-0158 https://www.afeaccess.com
		67012	Global Supply LLC 500 Division Street Campbell, CA 95008-6906 Telephone: (408) 960-0370 https://www.globalsupplyllc.com

FIGURE 1. Configurations and dimensions - Continued.

Part number (P/N) supersession data. These CID PINs supersede the following MFR's P/N's (table I) and MIL-M-38527/2 P/N's (table II) as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N Supersession Data.

Dash number (see figure 1) A-55485/02	Manufacturers part number <u>1/</u>								CAGE 67012
	CAGE 0ZK84	CAGE 08289	CAGE 1N6F3	CAGE 21071	CAGE 24227	CAGE 32559	CAGE 53174	CAGE 54355	
001N	10198N		7717-253N	10318-1			AP-240/N	965-540N	4030N
001D	10198D			10318-2			AP-240/D	965-540D	4030D
002N	10310N			10460-1			AP-053/N	965-516N	4064N
002D	10310D			10460-2			AP-053/D	965-516D	4064D
003N	10219N			10344-1			AP-155/N	965-552N	4047N
003D	10219D			10344-2			AP-155/D	965-552D	4047D
004N	10195N		7717-122N	10316-1	4041	616-070	AP-045/N	965-563N	4041N
004D	10195D		7717-122D	10316-2			AP-045/D	965-563D	4041D
005N	10230N			10350-1			AP-262/N	965-558N	4053N
005D	10230D			10350-2			AP-262/D	965-558D	4053D
006N	10311N			10456-1			AP-386/N	965-543N	4060N
006D	10311D			10456-2			AP-386/D	965-543D	4060D
007N	10334N			10756-1			AP-153/N	965-539N	4063N
007D	10334D			10756-2			AP-153/D	965-539D	4063D
008N	10247N		7717-30N	10152-1		613-075	AP-026/N	965-576N	4005N
008D	10247D			10152-2			AP-026/D	965-576D	4005D
009N	10462N			10742-1			AP-158/N	965-551N	4049N
009D	10462D			10742-2			AP-158/D	965-551D	4049D
010N	10123N	404-340-N	7717-3N	10085-1	3001	503-075	AP-073/N	965-581N	3001N
010D	10123D	404-340-D	7717-3D	10085-2			AP-073/D	965-581D	3001D
011N	10159N		7717-238N				AP-068/N	965-627N	4068N
011D	10159D						AP-068/D	965-627D	4068D
012N	10279N				4015		AP-100/N	965-628N	4015N
012D	10279D						AP-100/D	965-628D	4015D
013N	10231N			10222-1	3027	516-038	AP-011/N	965-557N	3027N
013D	10231D			10222-2			AP-011/D	965-557D	3027D
014N	10166N	333-030-N		10054-1	3005	525-038	AP-172/N	965-508N	3005N
014D	10166D	333-030-D		10054-2			AP-172/D	965-508D	3005D
015N	10076N						AP-127/N		4076N
015D	10076D						AP-127/D		4076D
016N	10028N			10032-1			AP-164/N	965-614N	4032N
016D	10028D			10032-2			AP-164/D	965-614D	4032D

See footnote at end of table.

FIGURE 1. Configurations and dimensions - Continued.

FIGURE 1. Configurations and dimensions - Continued.

TABLE I. P/N Supersession Data – Continued.

Dash number (see figure 1) A-55485/02	Manufacturers part number <u>1/</u>								CAGE 67012
	CAGE 0ZK84	CAGE 08289	CAGE 13103	CAGE 21071	CAGE 24227	CAGE 32559	CAGE 53174	CAGE 54355	
017N	10012N	333-075-N	7717-22N	10034-1			AP-006/N	965-504N	3008N
017D	10012D	333-075-D	7717-22D	10034-2			AP-006/D	965-504D	3008D
018N	10245N		7717-15N	10144-1	3019	515-020	AP-042/N	965-503N	3019N
018D	10245D		7717-15D	10144-2			AP-042/D	965-503D	3019D
019N	10007N		7717-178N	10182-1	3034	520-021	AP-067/N	965-615N	3034N
019D	10007D		7717-178D	10182-2			AP-067/D	965-615D	3034D
020N	10127N				3005A	511-038	AP-404/N	965-630N	3005AN
020D	10127D			10163-2			AP-404/D	965-630D	3005AD
021N	10027N			10186-1			AP-060/N	965-511N	3087N
021D	10027D			10186-2			AP-060/D	965-511D	3087D
022N	10207N			10200-1		528-117	AP-133/N	965-532N	3030N
022D	10207D			10200-2			AP-133/D	965-532D	3030D
023N	10252N			10224-1			AP-275/N	965-575N	3026N
023D	10252D			10224-2			AP-275/D	965-575D	3026D
024N	10261N			10044-1			AP-429/N	965-594N	3044N
024D	10261D			10044-2			AP-429/D	965-594D	3044D
025N	10019-1N	710-019-N	7717-109N	10293-1		517-095	AP-450/N	965-507N	3028N
025D	10019-1D	710-019-D		10293-2			AP-450/D	965-507D	3028D
026N	10103N			10188-1			AP-191/N	965-530N	3089N
026D	10103D			10188-2			AP-191/D	965-530D	3089D
027N			7717-128N	10728-1	3030	527-117	AP-007/N	965-514N	3030N
027D		501-000-D		10728-2			AP-007/D	965-514D	3030D
028N	10416N						AP-463/N	965-631N	3067N
028D	10416D						AP-463/D	965-631D	3067D
029N	10051N			10332-1			AP-190/N	965-632N	4035N
029D	10051D			10332-2			AP-190/D	965-632D	4035D
030N	10371N		7717-10N	10136-1	4031	611-075	AP-121/N	965-573N	4031N
030D	10371D		7717-10D	10136-2			AP-121/D	965-573D	4031D
031N			7717-08N	10336-1		610-075	AP-459/N	965-523N	4028N
031D	10193D		7717-08D	10336-2			AP-459/D	965-523D	4028D
032N	10456N			10816-1			AP-122/N	965-596N	4024N
032D	10456D			10816-2			AP-122/D	965-596D	4024D
033N	10249N		7717-38N	10156-1	4029	615-075	AP-041/N	965-562N	4029N
033D	10249D	810-249-N	7717-38D	10156-2			AP-041/D	965-562D	4029D

See footnote at end of table.

FIGURE 1. Configurations and dimensions - Continued.

TABLE I. P/N Supersession Data – Continued.

Dash number (see figure 1) A-55485/02	Manufacturers part number <u>1/</u>								CAGE 67012
	CAGE 0ZK84	CAGE 08289	CAGE 13103	CAGE 21071	CAGE 24227	CAGE 32559	CAGE 53174	CAGE 54355	
034N	10224N			10342-1			AP-257/N	965-549N	3047N
034D	10224D			10342-2			AP-257/D	965-549D	3047D
035N	10219N			10154-1			AP-431/N	965-634N	3055N
035D	10219D			10154-2			AP-431/D	965-634D	3055D
036N	10058N			10174-1			AP-035/N	965-565N	3075N
036D	10058D			10174-2			AP-035/D	965-565D	3075D
037N	10035N								3036N
037D									3036D
038N	10099N			10092-1		526-090	AP-173/A/N	965-520N	3045N
038D	10099D			10092-2			AP-173/A/D	965-520D	3045D
039N	10122N			10190-1	3005-C		AP-421/N	965-571N	3005CN
039D	10122D			10190-2			AP-421/D	965-571D	3005CD
040N	10316N							965-636N	3020N
040D	10316D							965-636D	3020D
041N	10454N								3058N
041D	10454D								3058D
042N	10343N			10811-1			AP-307/N	965-638N	3082N
042D	10343D			10811-2			AP-307/D	965-638D	3082D
043N	10328N			10666-1			AP-321/N	965-639N	3076N
043D	10328D			10666-2			AP-321/D	965-639D	3076D
044N	10041N							965-644N	3044N
044D	10041D			10274-2			AP-210/D	965-644D	3044D
045N	10240N			10218-1			AP-269/N	965-641N	3021N
045D	10240D			10218-2			AP-269/D	965-641D	3021D
046N	10276N			10418-1			AP-418/N	965-642N	3022N
046D	10276D			10418-2			AP-418/D	965-642D	3022D
047N	10076-10N				3006	508-075	AP-426/N	965-408N	3006N
047D	10076-10D						AP-426/D	965-643D	3006D

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements see the marking paragraph.

FIGURE 1. Configurations and dimensions - Continued.

TABLE II. MIL-M-38527/2 supersession information

Superseded part number M38527/02- 1/	Replacement CID part number A-55485/02- 1/	Superseded part number M38527/02- 1/	Replacement CID part number A-55485/02- 1/
001	001	025	025
002	002	026	026
003	003	027	027
004	004	028	028
005	005	029	029
006	006	030	030
007	007	031	031
008	008	032	032
009	009	033	033
010	010	034	034
011	011	035	035
012	012	036	036
013	013	037	037
014	014	038	038
015	015	039	039
016	016	040	040
017	017	041	041
018	018	042	042
019	019	043	043
020	020	044	044
021	021	045	045
022	022	046	046
023	023	047	047
024	024		

[1/](#) Complete PIN shall include a suffix letter to denote material.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Referenced documents. This document references [A-A-55485](#).

FIGURE 1. Configurations and dimensions - Continued.

INTERESTS:

Custodians:

Army - CR

Navy - EC

Air Force - 85

DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA - CC

(Project 5999-2025-004)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.

FIGURE 1. Configurations and dimensions - Continued.