

[INCH-POUND]
A-A-55485/1B
19 September 2022
SUPERSEDING
A-A-55485/1A
21 March 2001

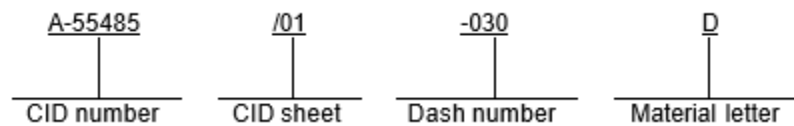
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

MOUNTING PADS, ELECTRICAL-ELECTRONIC COMPONENT,
.100 DIAMETER PIN CENTER

The General Services Administration has authorized the use of
this commercial item description (CID) as a replacement for
[MIL-M-38527/1](#) 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 [A-A-55485](#).

CLASSIFICATION OR PART IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification
sheet uses a classification system which is included in the PIN as shown in the following example (see NOTES).



SALIENT CHARACTERISTICS.

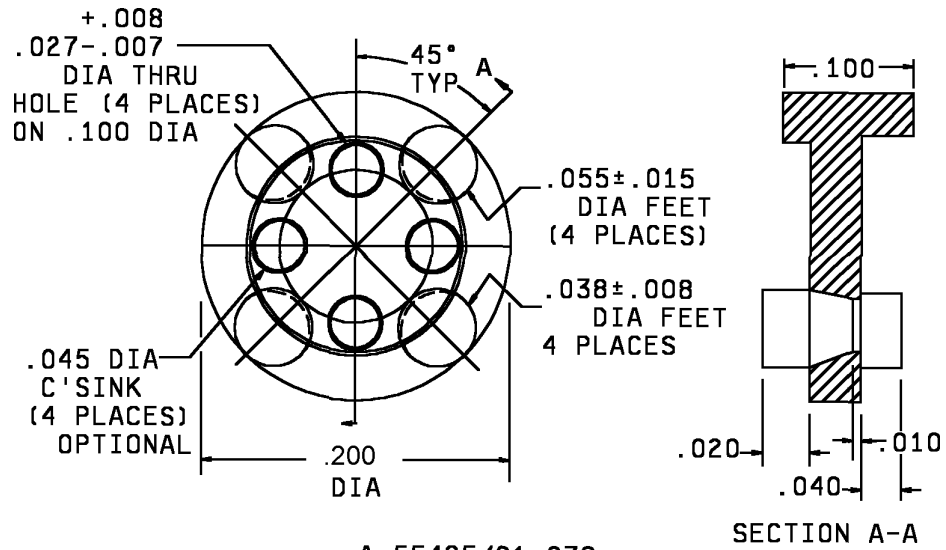
Interface and physical dimensions. Mounting pads supplied to this CID shall be as specified herein (see [figure 1](#)).

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

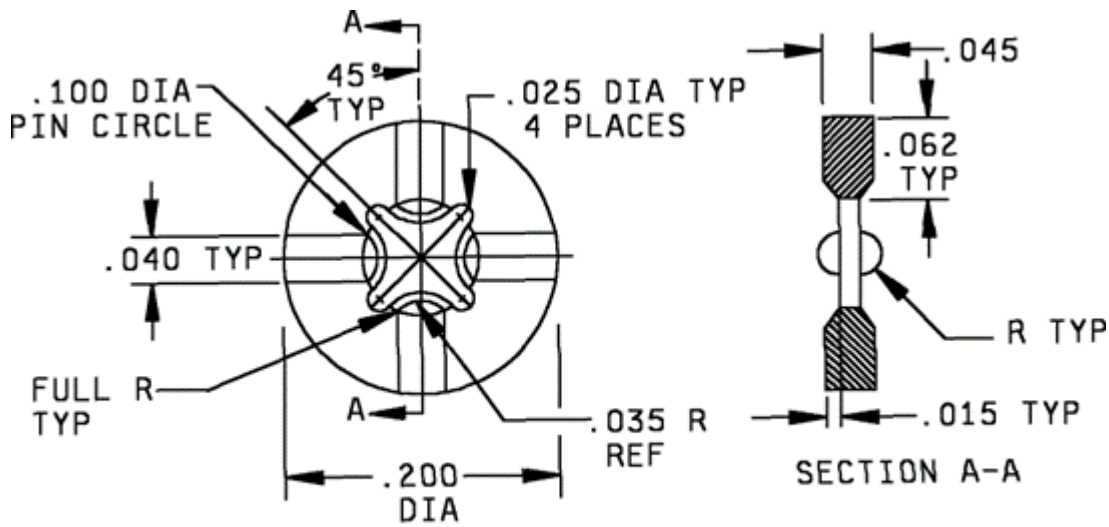
Marking. Not applicable.

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





Inches	mm
.007	0.18
.008	0.20
.010	0.25
.015	0.38
.020	0.51
.027	0.69
.038	0.97
.040	1.02
.045	1.14
.055	1.40
.100	2.54
.200	5.08



Inches	mm
.015	0.38
.025	0.64
.035	0.89
.040	1.02
.045	1.14
.062	1.57
.100	2.54
.200	5.08

Figure 1. Configurations and dimensions.

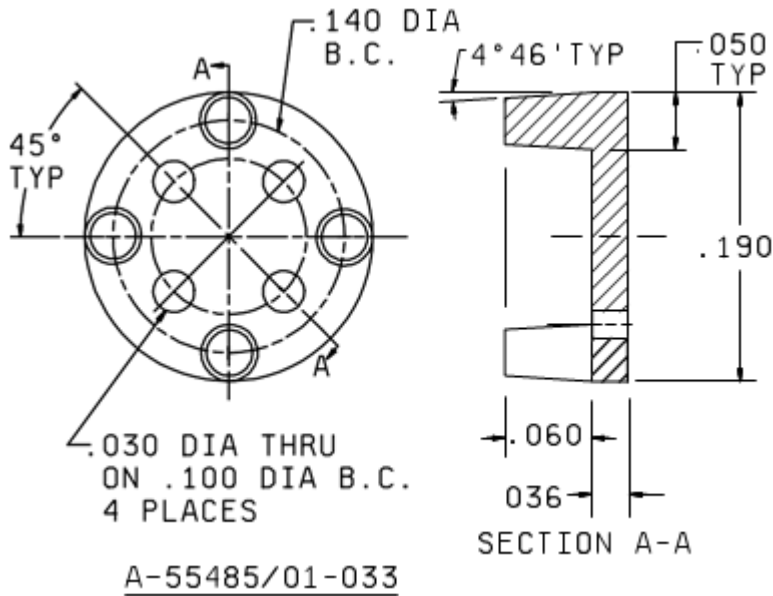
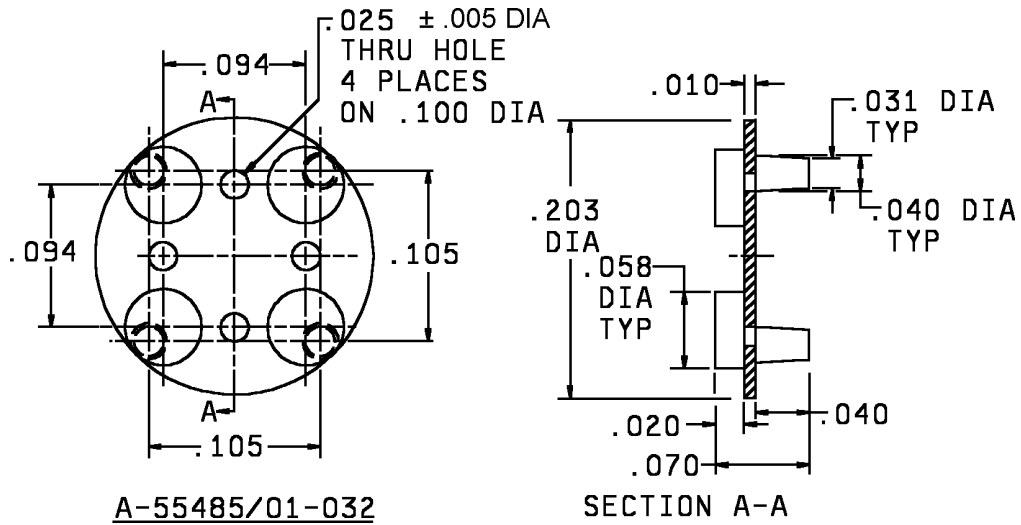
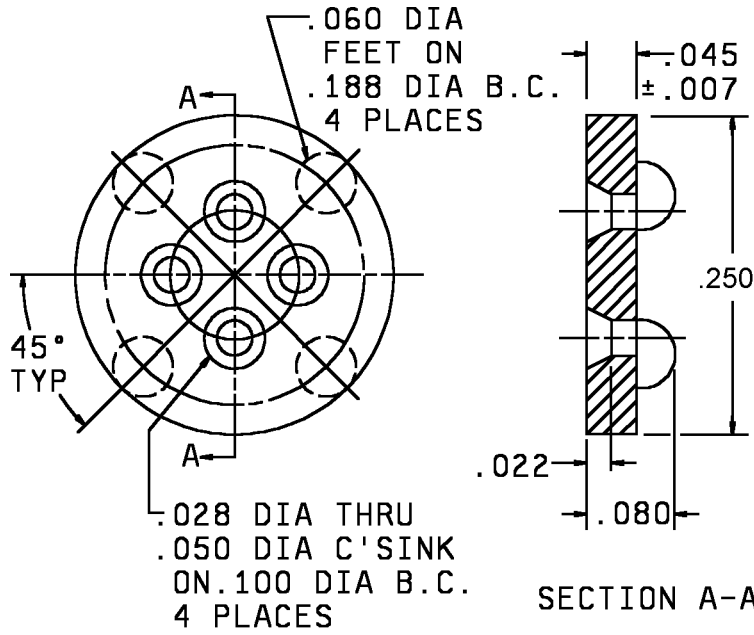
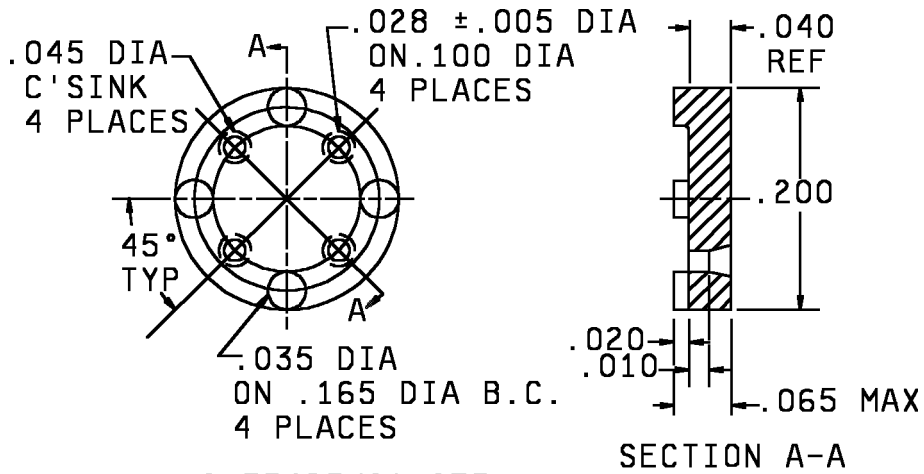


Figure 1. Configurations and dimensions - Continued.



A-55485/01-034

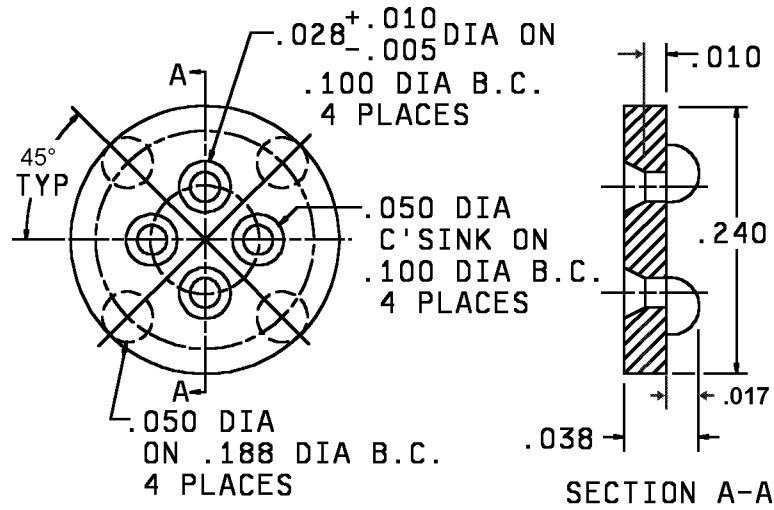
Inch es	mm
.007	0.18
.022	0.56
.028	0.71
.045	1.14
.050	1.27
.060	1.52
.080	2.03
.100	2.54
.188	4.78
.250	6.35



A-55485/01-035

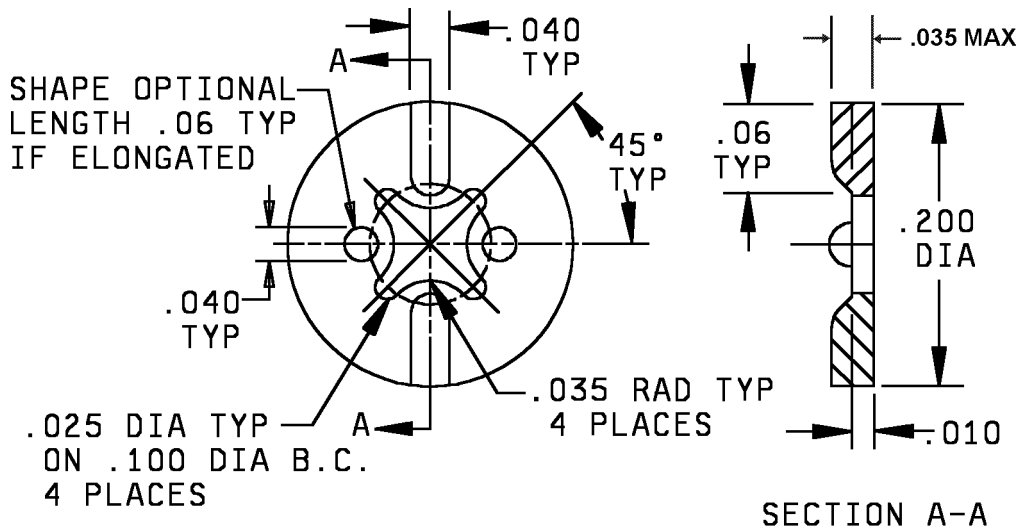
Inches	mm
.005	0.13
.010	0.25
.020	0.51
.028	0.71
.035	0.89
.040	1.02
.045	1.14
.065	1.65
.100	2.54
.165	4.19
.200	5.08

Figure 1. Configurations and dimensions - Continued.



A-55485/01-036

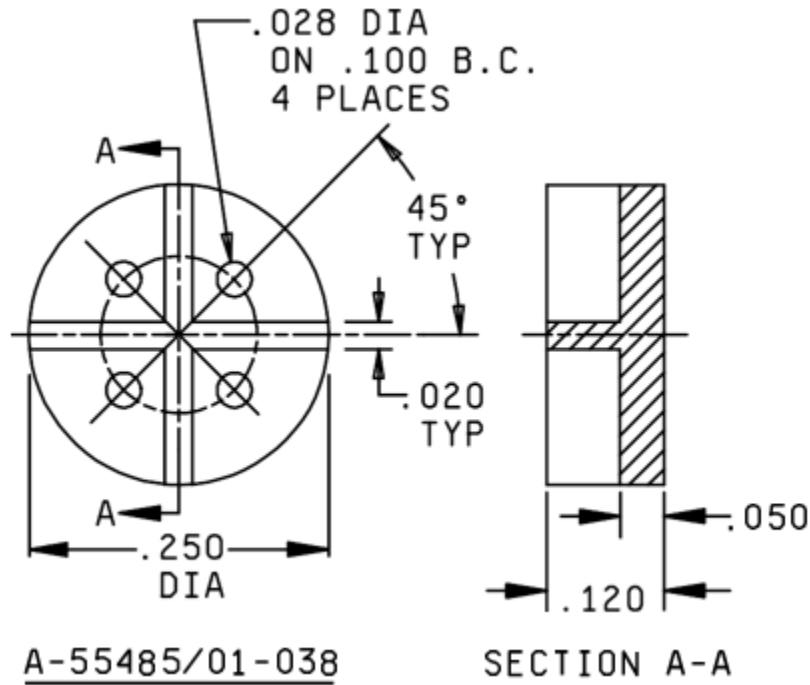
Inches	mm
.005	0.13
.010	0.25
.017	0.43
.028	0.71
.038	0.97
.050	1.27
.100	2.54
.188	4.78
.240	6.10



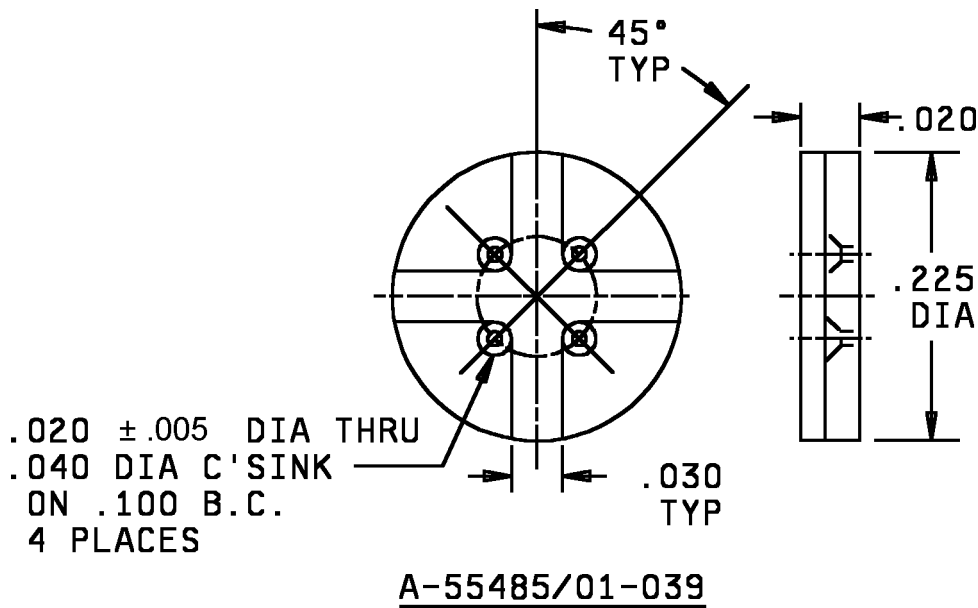
A-55485/01-037

Inches	mm
.010	0.25
.025	0.64
.035	0.89
.040	1.02
.060	1.52
.100	2.54
.200	5.08

Figure 1. Configurations and dimensions - Continued.



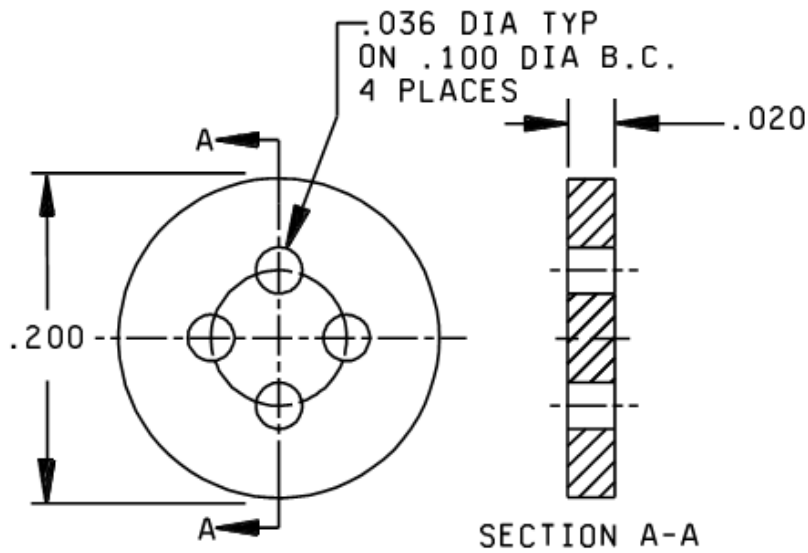
Inches	mm
.020	0.51
.028	0.71
.050	1.27
.100	2.54
.120	3.05
.250	6.35



Inches	mm
.005	0.13
.020	0.51
.030	0.76
.040	1.02
.100	2.54
.225	5.72

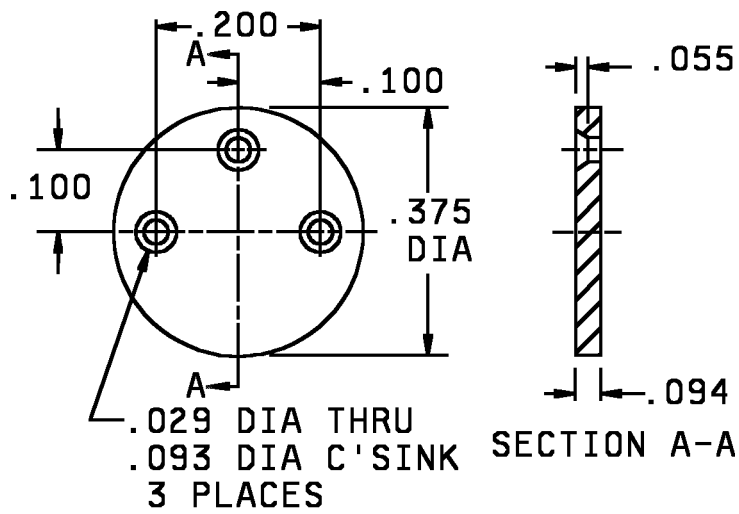
Figure 1. Configurations and dimensions - Continued.

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A-55485/01-040

Inches	mm
.020	0.51
.036	0.91
.100	2.54
.200	5.08

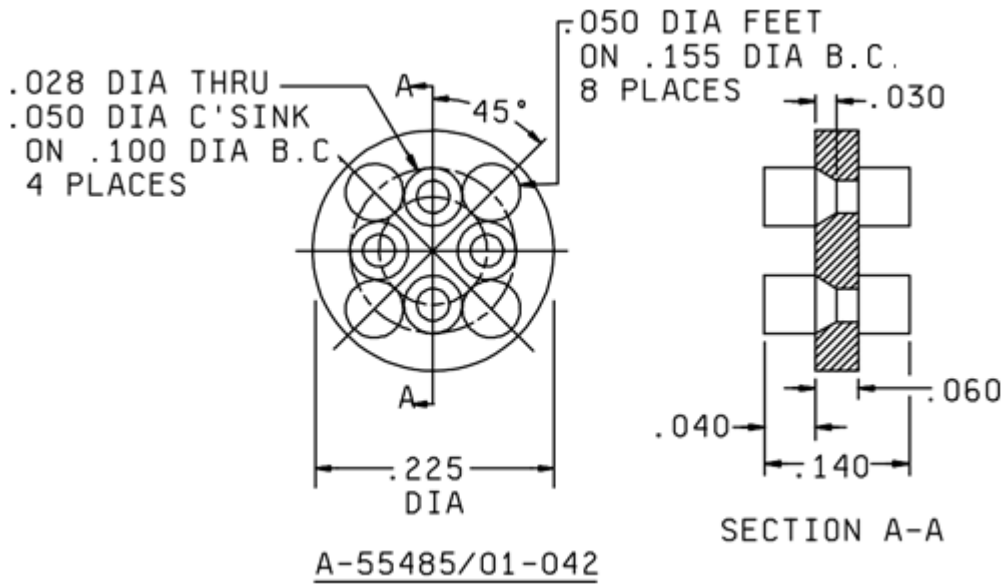


A-55485/01-041

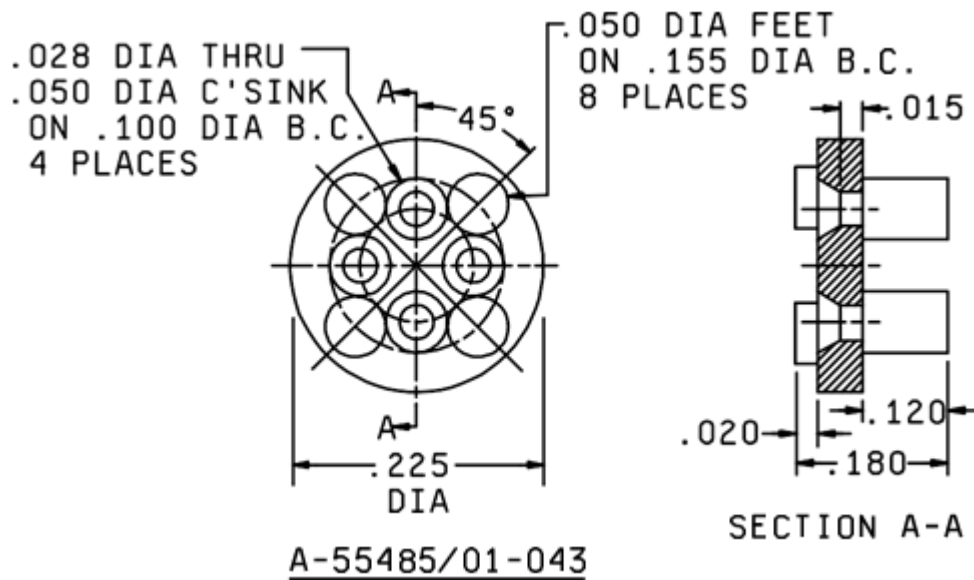
Inches	mm
.029	0.74
.055	1.40
.093	2.36
.094	2.39
.100	2.54
.200	5.08
.375	9.53

Figure 1. Configurations and dimensions - Continued.

A-A-55485/1B

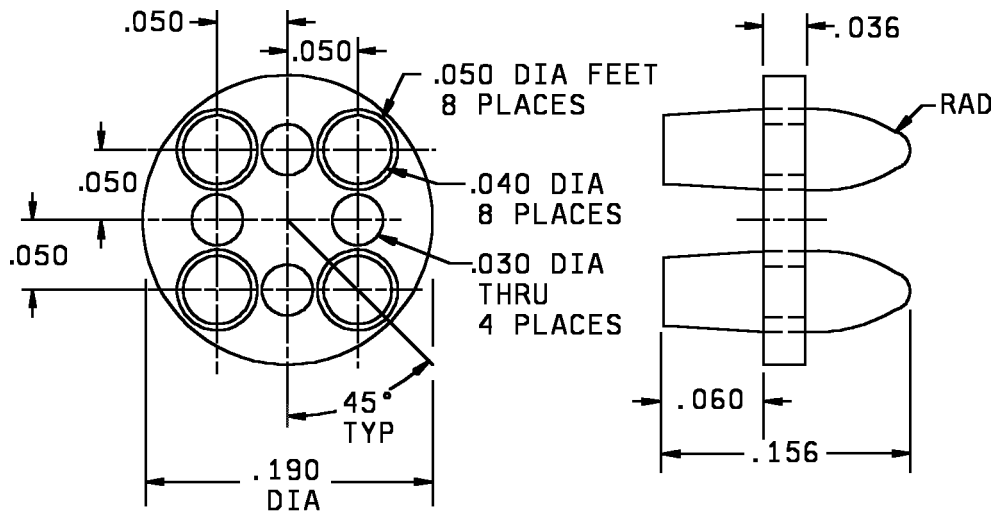


Inches	mm
.028	0.71
.030	0.76
.040	1.02
.050	1.27
.060	1.52
.100	2.54
.140	3.56
.155	3.94
.225	5.72



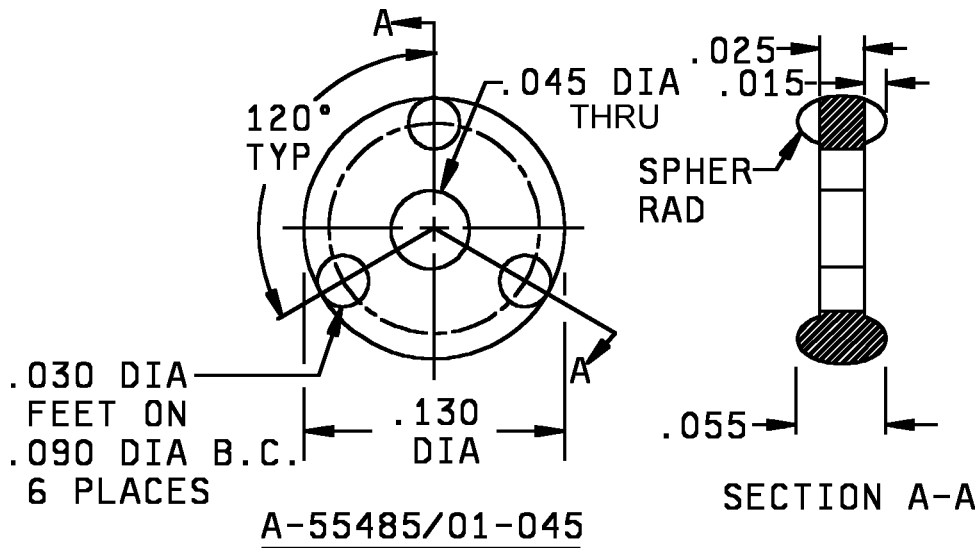
Inches	mm
.015	0.38
.020	0.51
.028	0.71
.050	1.27
.100	2.54
.120	3.05
.155	3.94
.180	4.57
.225	5.72

Figure 1. Configurations and dimensions - Continued.



Inches	mm
.030	0.76
.036	0.91
.040	1.02
.050	1.27
.060	1.52
.156	3.96
.190	4.83

A-55485/01-044

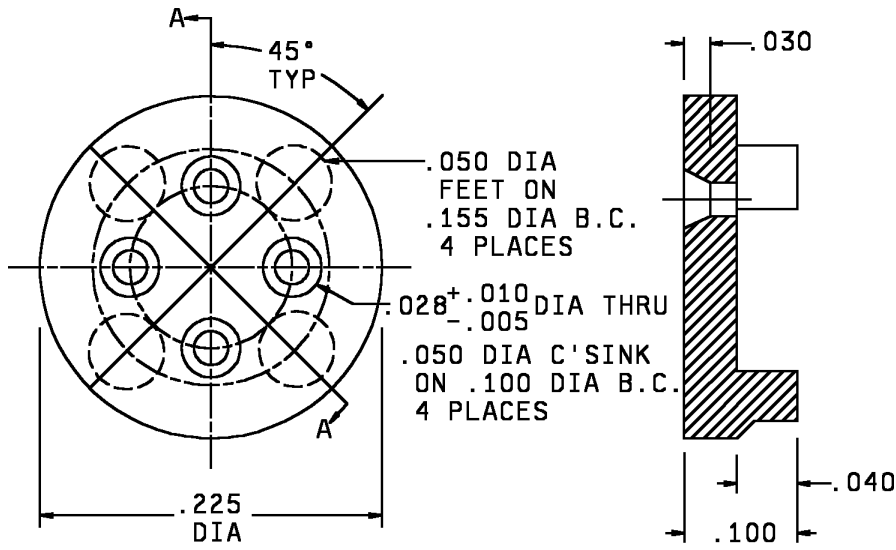


Inches	mm
.015	0.38
.025	0.64
.030	0.76
.045	1.14
.055	1.40
.090	2.29
.130	3.30

A-55485/01-045

Figure 1. Configurations and dimensions - Continued.

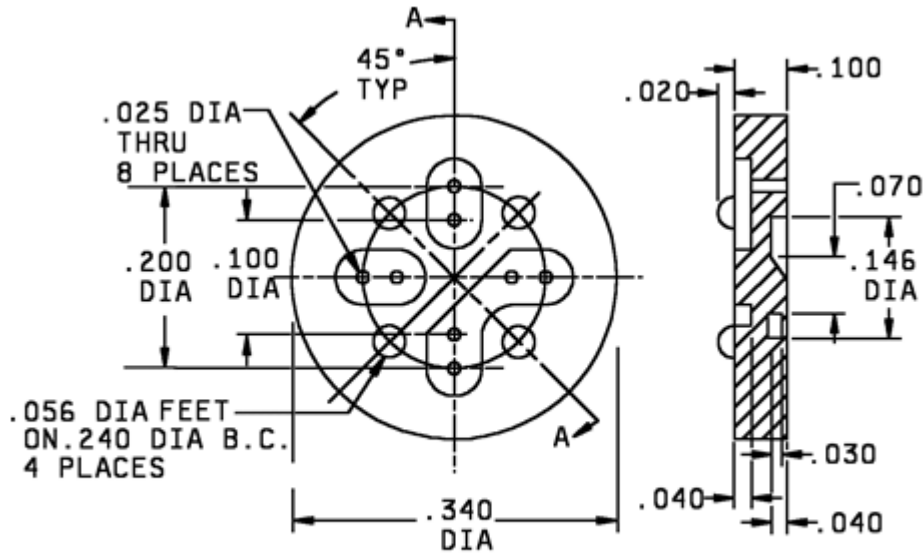
A-A-55485/1B



A-55485/01-046

SECTION A-A

Inches	mm
.005	0.13
.010	0.25
.028	0.71
.030	0.76
.040	1.02
.050	1.27
.100	2.54
.155	3.94
.225	5.72

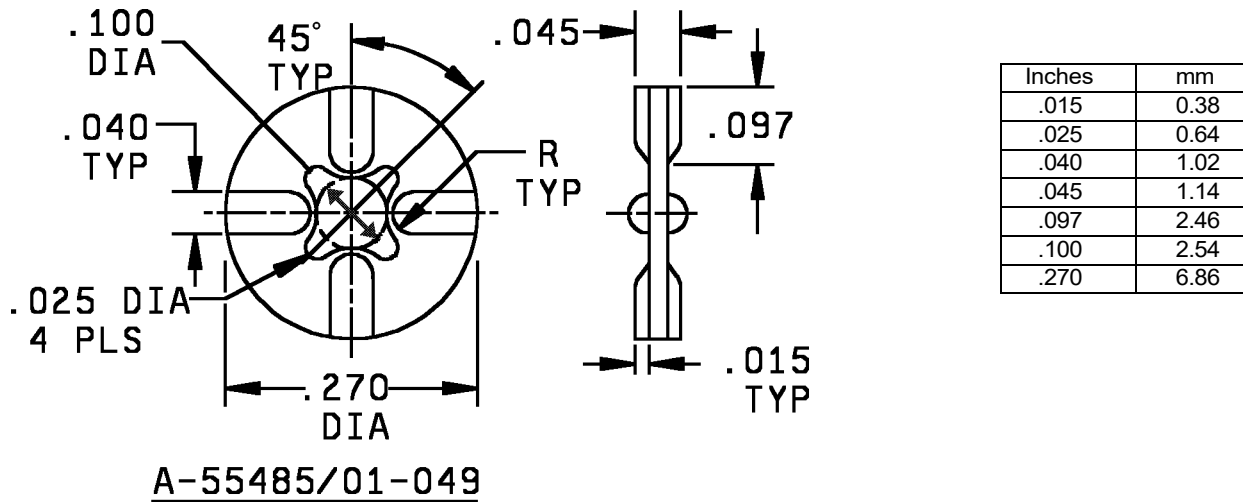
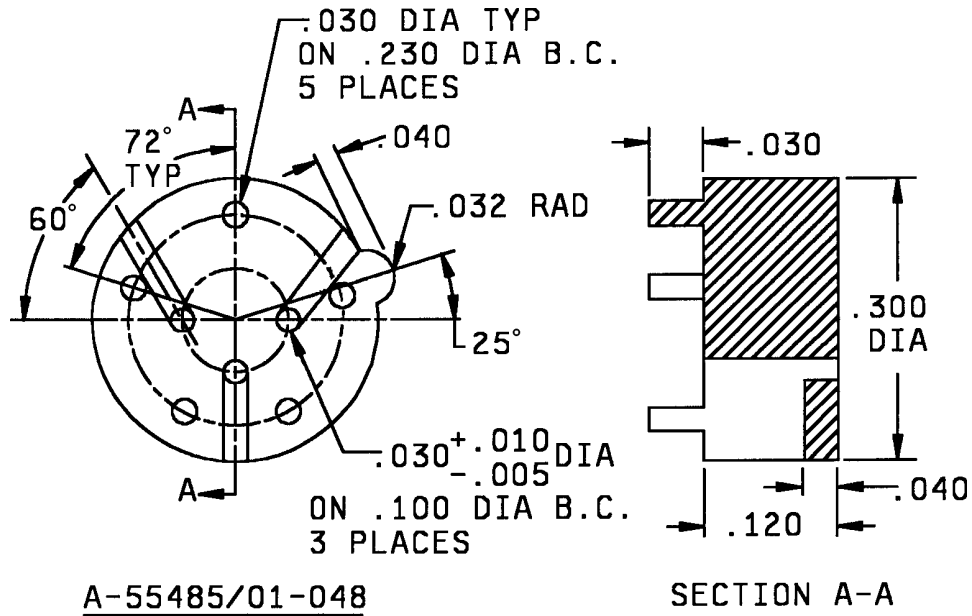


A-55485/01-047

SECTION A-A

Inches	mm
.020	0.51
.025	0.64
.030	0.76
.040	1.02
.056	1.42
.070	1.78
.100	2.54
.146	3.71
.200	5.08
.240	6.10
.340	8.64

Figure 1. Configurations and dimensions - Continued.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Tolerance on height of pad shall be ± 0.15 (0.38 mm).
4. Unless otherwise specified, tolerances are ± 0.10 (0.25 mm) for decimals and $\pm 1^\circ$ on angles. A .010 (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 St Norristown, PA 19401-3863 (610) 239-7940 https://www.microdimensional.com	67012	Global Supply, LLC. Teknational Division 500 Division St Campbell, CA 95008-6906 (408) 978-4181 https://www.teknational.com
21071	Globe Plastics, Inc. 13477 Twelfth Street Chino, CA 91710-5206 (909) 464-1520 https://www.globecomposites.com		

Part number (P/N) supersession data. These CID part numbers supersede the following manufacturer's P/N's ([table I](#)) and MIL-M-38527/1 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-55485/01-	Manufacturers part number 1/		
	CAGE 0ZK84	CAGE 21071	CAGE 67012
030N	10167N	10058-1	1018
030D	10167D	10058-2	1018D
031N	10172N	10239-1	1101
031D	10172D	10239-2	1101D
032N	10239N	10052-1	
032D	10239D	10052-2	
033N	10216N	10070-1	1029
033D	10216D	10070-2	1029D
034N	10042N	10108-1	1020
034D	10042D	10108-2	1020D
035N	10206N	10160-1	
035D	10206D	10160-2	
036N	10045N	10234-1	1027
036D	10045D	10234-2	1027D
037N	10168N	10238-1	1000
037D	10168D	10238-2	1000D
038N	10304N		
038D	10304D	10746-2	
039N	10234N	10426-1	
039D	10234D	10426-2	
040N	10246N	10114-1	1017
040D	10246D	10114-2	1017D
041N	10038N	10020-1	3035
041D	10038D	10020-2	3035D
042N	10117N	10230-1	
042D	10117D	10230-2	
043N	10243N	10254-1	
043D	10243D	10254-2	
044N	10053N	10018-1	1030
044D	10053D		1030D
045N	10226N	10550-1	
045D	10226D	10550-2	

See footnote at end of table.

TABLE I. P/N supersession data - continued.

Dash number (see figure 1) A-55485/01-	Manufacturers part number ^{1/}		
	CAGE 0ZK84	CAGE 21071	CAGE 67012
046N	10217N	10246-1	
046D	10217D	10246-2	
047N	10067N	10038-1	
047D	10067D	10038-2	
048N	10036N		
048D	10036D		
049N	10190N	10236-1	1001
049D	10190D	10236-2	1001D

^{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.

TABLE II. MIL-M-38527/1 P/N supersession data. ^{1/}

Superseded part number M38527/01 -	Replacement CID Part number A-55485/01 -
030	030
031	031
032	032
033	033
034	034
035	035
036	036
037	037
038	038
039	039
040	040
041	041
042	042
043	043
044	044
045	045
046	046
047	047
048	048
049	049

^{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.

MILITARY INTERESTS:

Custodians:

Army – CR
Navy – EC
Air Force – 85
DLA – CC

CIVIL AGENCY COORDINATING ACTIVITY:
GSA – FAS

Preparing Activity:
DLA - CC

(Project 5999-2022-003)

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/>.