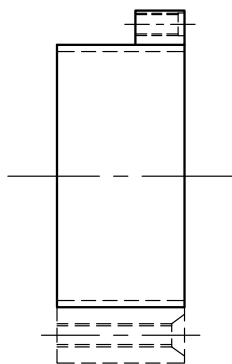


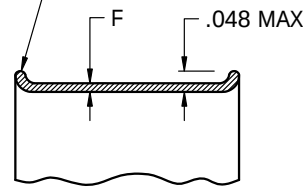
FED. SUPPLY CLASS

5340

.375 $\pm$.016
-.000

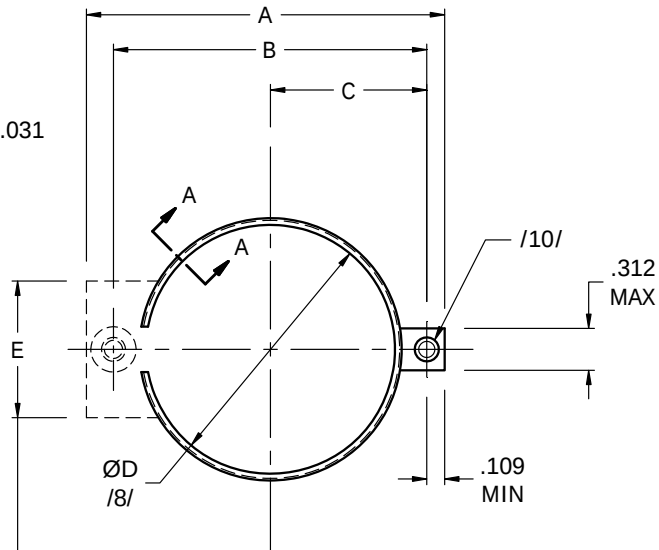
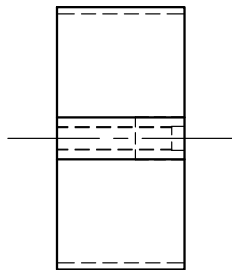


ROLLED EDGE OPTIONAL



SECTION A-A ENLARGED

1.000 $\pm$.031



ADJUSTING MECHANISM NOT TO EXCEED
THIS DIMENSION IN CLOSED POSITION

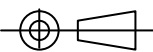
TABLE I – DIMENSIONS

DASH NO.	A MAX	B $\pm$.010	C $\pm$.005	$\text{ØD} \pm .015$ /8/		E	F $\pm$.010
				OPEN POSITION	CLOSED POSITION		
1A	2.750	2.453	1.203	1.968	1.890	.875	.032
2A	3.812	3.500	1.750	3.172	3.078	1.125	
3A	2.047	1.830	.915	1.540	1.460	.750	.020
4A	1.563	1.330	.665	1.040	.960	.625	

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS28042 REVISION F. PART NUMBERS REMAIN MS28042.

THIRD
ANGLE
PROJECTION



CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

1

PROCUREMENT
SPECIFICATION

TITLE

CLAMP, INSTRUMENT MOUNTING, AIRCRAFT

CLASSIFICATION
PART STANDARD

NASM6818

NASM28042
SHEET 1 OF 2



Document Sharing Hub

MATERIAL:

ALUMINUM ALLOY – SEE PROCUREMENT SPECIFICATION.

FINISH:

SEE PROCUREMENT SPECIFICATION.

NOTES:

- (1) PLAIN DASH NUMBERED CLAMPS MAY BE USED UNTIL EXHAUSTED.
- (2) REMOVE ALL BURRS AND SHARP EDGES.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS $\pm .016$.
- (5) CERTAIN PROVISIONS (CLAMP DESIGN) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT STANAG 3492. WHEN AMENDMENT, REVISION, OR CANCELLATION OF THIS SPECIFICATION IS PROPOSED, THE PREPARING ACTIVITY MUST COORDINATE THE ACTION WITH THE U.S. NATIONAL POINT OF CONTACT FOR THE INTERNATIONAL STANDARDIZATION AGREEMENT, AS IDENTIFIED IN THE ASSIST DATABASE AT [HTTPS://ASSIST.DAPS.DLA.MIL](https://assist.daps.dla.mil).
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- /8/ "ØD" DIMENSION WILL BE CHECKED BY USE OF CYLINDRICAL "GO" AND "NO GO" GAUGES MADE TO THE MAXIMUM AND MINIMUM DIMENSIONS SPECIFIED.
- (9) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- /10/ MOUNTING LUG – SELF LOCKING
MS28042-1, -2, THREAD NO. 8-32 UNC-2B PER MIL-S-7742.
COUNTERBORE Ø.172, .062 DEPTH.
MS28042-3, -4, THREAD NO. 6-32 UNC-2B PER MIL-S-7742.
COUNTERBORE Ø.141, .062 DEPTH.
- (11) ~~FOR ALL ALUMINUM CLAMPS (EXCEPT SCREW), USE CODE LETTER "A" AS SUFFIX TO THE DASH NUMBER. EXAMPLE: MS28042-4A~~
- (12) 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.

① COMPLETELY REVISED

REVISION
1
NASM28042
SHEET 2

