

FED. SUPPLY CLASS

5305

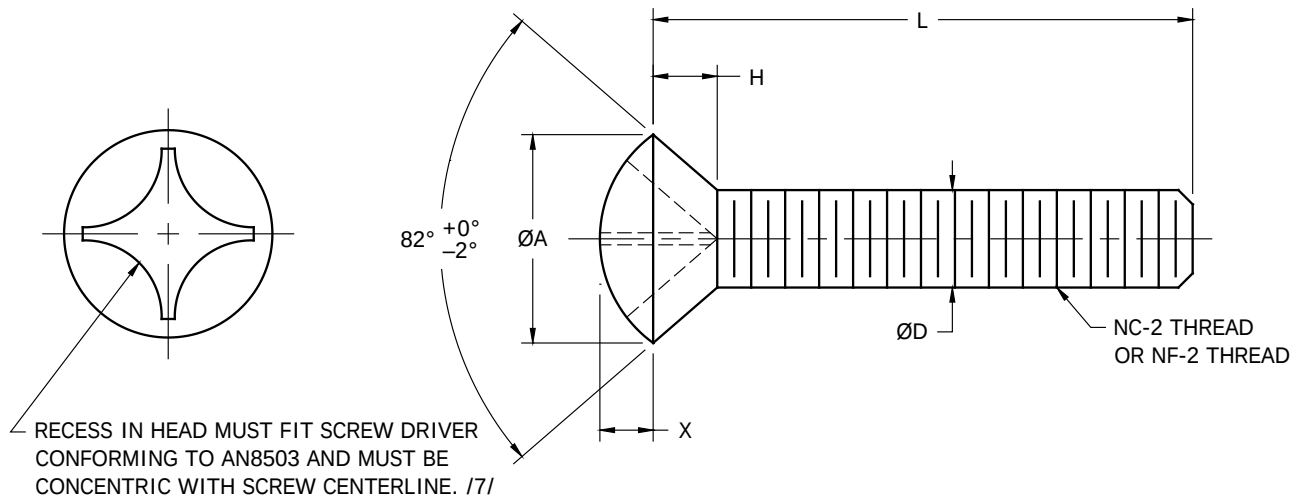


TABLE I – DIMENSIONS

SIZE	ØD MAX	ØA	H	X
#2-56	.086	.164 ± .008	.046 + .005 - .006	.026 ± .003
#4-40	.112	.216 ± .009	.061 ± .006	.033 ± .004
#6-32	.138	.268 ± .011	.076 ± .007	.040 ± .004
#8-32	.164	.320 ± .012	.092 ± .008	.048 ± .005
#10-32	.190	.372 ± .013	.107 ± .009	.055 ± .005
1/4-28	.250	.492 ± .015	.142 ± .011	.072 ± .006

MATERIAL:

STEEL.

FINISH:

CADMIUM PLATE OR CHROMIUM PLATE.

CODE:

NO CODE AFTER LAST DASH NUMBER INDICATES CADMIUM PLATED SCREW.
"P" AFTER LAST DASH NUMBER INDICATES CHROMIUM OR NICKEL PLATED SCREW.

① COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NONE	TITLE SCREW, 82° OVAL RECESSED HEAD, MACHINE, COARSE & FINE THREAD	CLASSIFICATION PART STANDARD
		NAS388 SHEET 1 OF 2

EXAMPLES OF PART NUMBER:

NAS388-4-8 P = #4 CHROMIUM PLATED SCREW, 1/2 INCH LONG

FINISH (SEE CODE)

SIZE CODE FROM TABLE II

BASIC PART NUMBER

NAS388-4-8 = #4 CADMIUM PLATED SCREW, 1/2 INCH LONG

NOTES:

- (1) REMOVE ALL BURRS AND SHARP EDGES.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (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) 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.
- (7) MINIMUM SIZE OF RECESS SHALL PERMIT TIGHTENING OF THE SCREW, WITH DRIVER AN8503, SUFFICIENTLY TO BREAK THE THREADED SHANK OR TO STRIP THE THREADS. MAXIMUM SIZE OF RECESS SHALL NOT REDUCE THE STRENGTH OF THE HEAD TO LESS THAN THAT OF THE THREADED SHANK IN TENSION.

TABLE II – DASH NUMBERS

L LENGTH	#2	#4	#6	#8	#10	1/4
3/16	2-3	4-3	6-3	—	—	—
1/4	2-4	4-4	6-4	8-4	10-4	—
5/16	2-5	4-5	6-5	8-5	10-5	—
3/8	2-6	4-6	6-6	8-6	10-6	416-6
7/16	2-7	4-7	6-7	8-7	10-7	416-7
1/2	2-8	4-8	6-8	8-8	10-8	416-8
5/8	2-10	4-10	6-10	8-10	10-10	416-10
3/4	2-12	4-12	6-12	8-12	10-12	416-12
7/8	—	4-14	6-14	8-14	10-14	416-14
1	—	4-16	6-16	8-16	10-16	416-16
1- 1/8	—	4-18	6-18	8-18	10-18	416-18
1- 1/4	—	4-20	6-20	8-20	10-20	416-20
1- 1/2	—	4-24	6-24	8-24	10-24	416-24
1- 3/4	—	—	6-28	8-28	10-28	416-28
2	—	—	6-32	8-32	10-32	416-32
2- 1/2	—	—	6-40	8-40	10-40	416-40
3	—	—	6-48	8-48	10-48	416-48

REVISION

1

NAS388
SHEET 2

Document Sharing Hub



1 COMPLETELY REVISED

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. THIS DOCUMENT IS PRODUCED UNDER NATIONAL AEROSPACE STANDARD: AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF

Provided by IHS under license with AIA/NAS. Licensee= www.sepana.ir/5991803002, User=sam, albert

No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 11:31:07 MST TRADEMARKS RIGHTS.

Full document details: AIA NAS388 2012