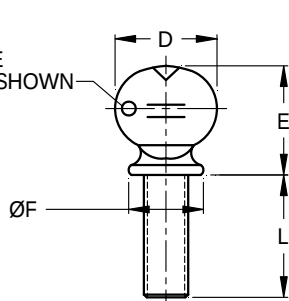


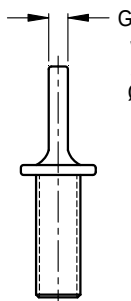
FED. SUPPLY CLASS

5305

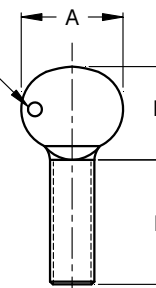
WHEN SPECIFIED,
SAFETY WIRE HOLE
Ø.070 APPROX. AS SHOWN



SHOULDERED



WHEN SPECIFIED,
SAFETY WIRE HOLE
Ø.070 APPROX. AS SHOWN



PLAIN

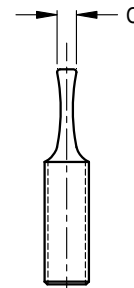


TABLE I – DIMENSIONS

BASIC PART NO.	THREAD SIZE PER MIL-S-7742	A ± .020	B ± .015	C	D ± .015	E ± .015	ØF ± .015	G
NAS1300-06	6-32 UNC-2A	.438	.266	.070	.303	.322	.242	.045
NAS1300-08	8-32 UNC-2A	.500	.313	.080	.354	.374	.295	.055
NAS1300-3	10-32 UNF-2A	.563	.375	.095	.410	.468	.335	.058
NAS1300-4	1/4-28 UNF-2A	.813	.500	.145	.534	.620	.450	.065
NAS1300-5	5/16-24 UNF-2A	.938	.625	.156	.682	.765	.570	.087
NAS1300-6	3/8-24 UNF-2A	1.063	.688	.200	.812	.937	.690	.106
NAS1300-8	1/2-20 UNF-2A	1.500	1.063	.312	—	—	—	—

MATERIAL:

CARBON STEEL – SEE PROCUREMENT SPECIFICATION.
CRES – AMS-S-7720 ~~MIL-S-7720~~, COMP 302.

FINISH:

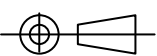
STEEL – CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 2. /8/
CRES – PASSIVATE.

CODE:

“C” BETWEEN BASIC NUMBER AND FIRST DASH NUMBER INSTEAD OF DASH INDICATES CRES. DASH INDICATES CARBON STEEL.
“T” BETWEEN DASH NUMBERS INDICATES SHOULDERED THUMBSCREW. DASH INDICATES PLAIN THUMBSCREW.
“D” FOLLOWING LAST DASH NUMBER SPECIFIES SAFETY WIRE HOLE.

② COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
2

PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

FF-T-305

THUMBSCREW

NAS1300
SHEET 1 OF 2



Documents
Document Sharing Hub

EXAMPLES OF PART NUMBER:

NAS1300-06-80 = PLAIN THUMBSCREW, CARBON STEEL, DRILLED HEAD.
NAS1300C8T32 = SHOULDERED THUMBSCREW, CRES, UNDRILLED HEAD.

NOTES:

- (1) TWO INCOMPLETE THREADS MAXIMUM.
- /2/ NOT STOCK ITEM FOR SHOULDERED THUMBSCREW.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (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) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /8/ PARTS WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIER'S STOCK UNTIL 15 SEPT. 1977. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.

TABLE II – LENGTH DASH NUMBERS

L LENGTH	LENGTH DASH NUMBER						
	NAS1300-06	NAS1300-08	NAS1300-3	NAS1300-4	NAS1300-5	NAS1300-6	NAS1300-8
1/4	4	–	–	–	–	–	–
3/8	6 /2/	6 /2/	6	–	–	–	–
1/2	8	8	8	8	8	–	–
5/8	10 /2/	10 /2/	10	10	–	–	–
3/4	12	12	12	12	12	12	–
1	16 /2/	16 /2/	16	16	16	16	16 /2/
1-1/4	–	–	–	20 /2/	20 /2/	20 /2/	–
1-1/2	–	–	24 /2/	24 /2/	24	24	24 /2/
2	–	–	32 /2/	32 /2/	32 /2/	32	32 /2/
2-1/2	–	–	–	40 /2/	40 /2/	40 /2/	40 /2/
3	–	–	–	–	48 /2/	48 /2/	48 /2/
4	–	–	–	–	–	–	64 /2/

② COMPLETELY REVISED

REVISION

2

NAS1300
SHEET 2



Document Sharing Hub

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. MS 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 15:49:53 MST TRADEMARKS RIGHTS.

Full document details: AIA NAS1300 2011