

FED. SUPPLY CLASS

5320

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

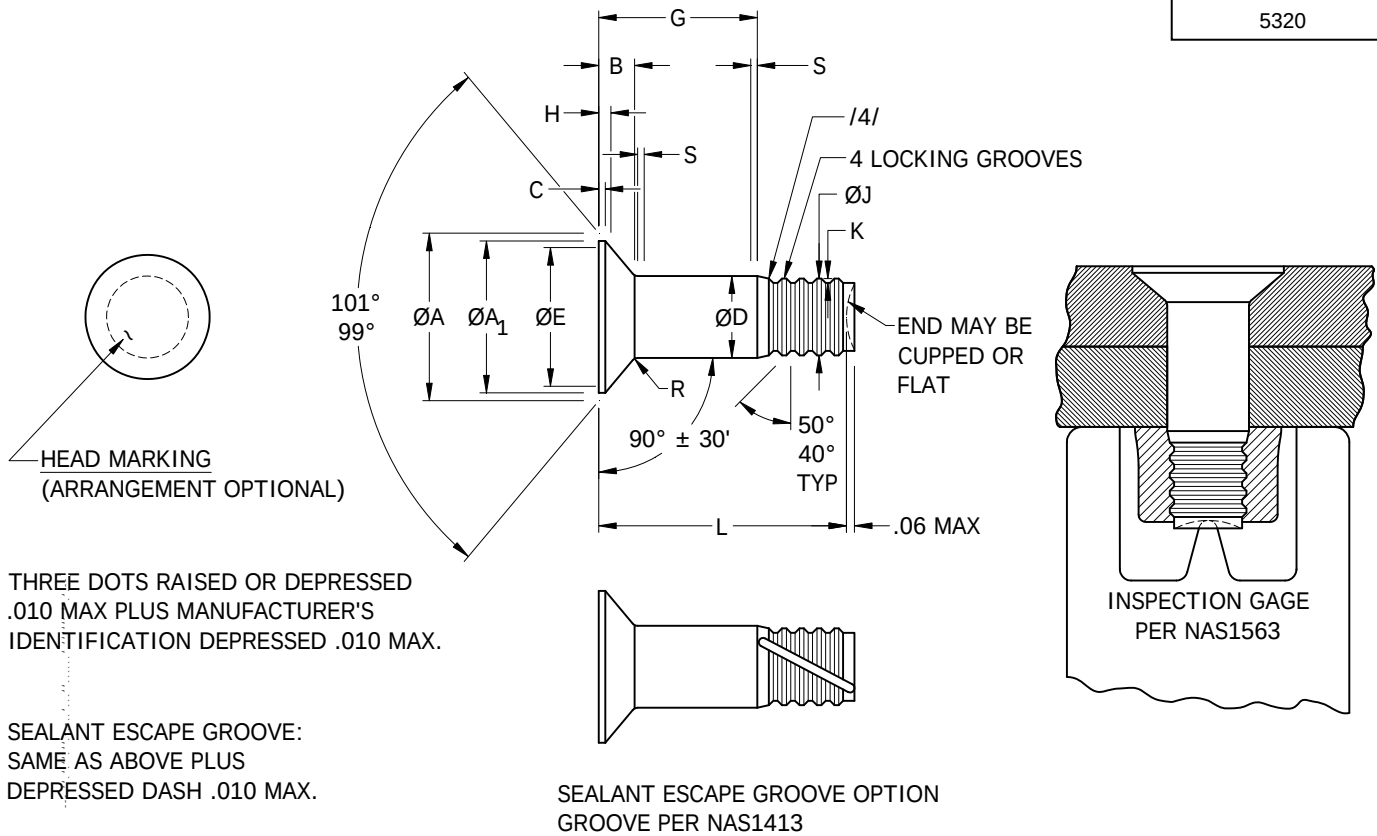


TABLE I – DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	ØA MAX /5/	ØA ₁ MIN /5/	B MAX /5/	C MAX	GAGE			ØJ	K	R RAD	S MAX /7/
							ØE +.0002 -.0000 /6/	H PROTRUSION /6/					
								NOM	± TOL				
NAS1546	.190	.1895 .1880	.386	.344	.084	.013	.3270	.0224	.0019	.185 .175	.014 .010	.020 .010	.031
NAS1548	.250	.2495 .2480	.507	.455	.110	.017	.4318	.0290	.0020	.242 .231	.018 .017	.020 .010	.042
NAS1550	.312	.3120 .3105	.634	.574	.137	.020	.5449	.0346	.0021	.305 .293	.023 .017	.025 .010	.052
NAS1552	.375	.3745 .3730	.762	.693	.165	.023	.6580	.0404	.0024	.368 .354	.027 .021	.030 .010	.062

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, ALUMINUM ALLOY, 100° HEAD (NASM24694), TENSION, STUMP-TYPE	CLASSIFICATION PART STANDARD
		NAS1546-1552
		SHEET 1 OF 3

MATERIAL:

7075 ALUMINUM ALLOY PER PROCUREMENT SPECIFICATION.

HEAT TREATMENT:

T6 CONDITION PER AMS2772; PER PROCUREMENT SPECIFICATION.

FINISH:

ANODIZE PER MIL-A-8625 OR CHEMICAL SURFACE TREATMENT PER MIL-DTL-5541.

LUBRICATION:

CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

CODE:

DASH NUMBER DESIGNATES NOMINAL GRIP IN .0625 INCREMENTS.
ADD "H" AFTER BASIC NUMBER WHEN SEALANT ESCAPE GROOVE IS REQUIRED.

EXAMPLES OF PART NUMBERS:

NAS1546-08 = .190 DIA 7075 ALUMINUM ALLOY PIN, 100° FLUSH HEAD (NASM24694), STUMP-TYPE, .500 GRIP.

NAS1546H08 = .190 DIA 7075 ALUMINUM ALLOY PIN, 100° FLUSH HEAD (NASM24694), SEALANT ESCAPE GROOVE, STUMP-TYPE, .500 GRIP.

NOTES:

- (1) DIMENSIONS IN INCHES.
- (2) FOR RECOMMENDED HOLE SIZES, SEE NAS618.
- (3) FOR COLLAR SELECTION, MINIMUM TENSILE STRENGTH, AND INSPECTION GAGE, SEE NAS1080.
- /4/ SLIGHT HOOK PERMITTED WHERE TAPER OF LOCKING GROOVE MEETS TAPER OF ORIGINAL BLANK.
- /5/ DIMENSIONS ØA, ØA₁ & B: INCLUDED FOR ENGINEERING REFERENCE PURPOSES ONLY,
NOT FOR INSPECTION PURPOSES.
VALUES ØA, ØA₁ & B: CALCULATED LIMITS RESULTING FROM TOLERANCES ON
C, ØD, ØE, H & HEAD ANGLE.
- /6/ GAGE PROTRUSION (H): SEE NAS1413 FOR THE RECOMMENDED PRACTICE FOR INSPECTING HEAD CHARACTERISTICS.
- /7/ AT THE INTERSECTION OF THE HEAD TO SHANK, "ØD" MAY BE .002 LARGER THAN MAX "ØD" FOR DISTANCE "S" AS MEASURED FROM THE TANGENCY OF "R" RADIUS. "ØD" IMMEDIATELY BEFORE THE END OF GRIP "G" MAY BE .001 SMALLER THAN MIN "ØD" FOR DISTANCE "S".
- (8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (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.

③ COMPLETELY REVISED

REVISION

3

NAS1546-08-1552
SHEET 2



Documents

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. This document is a U.S. Government work and, as such, is in the public domain in the United States of America. It is reproduced here for the convenience of the user and does not constitute an official AIA position. 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 22:36:44 MST. TRADEMARKS RIGHTS.

Full document details: AIA NAS1546-1552 2011