

FED. SUPPLY CLASS

5320

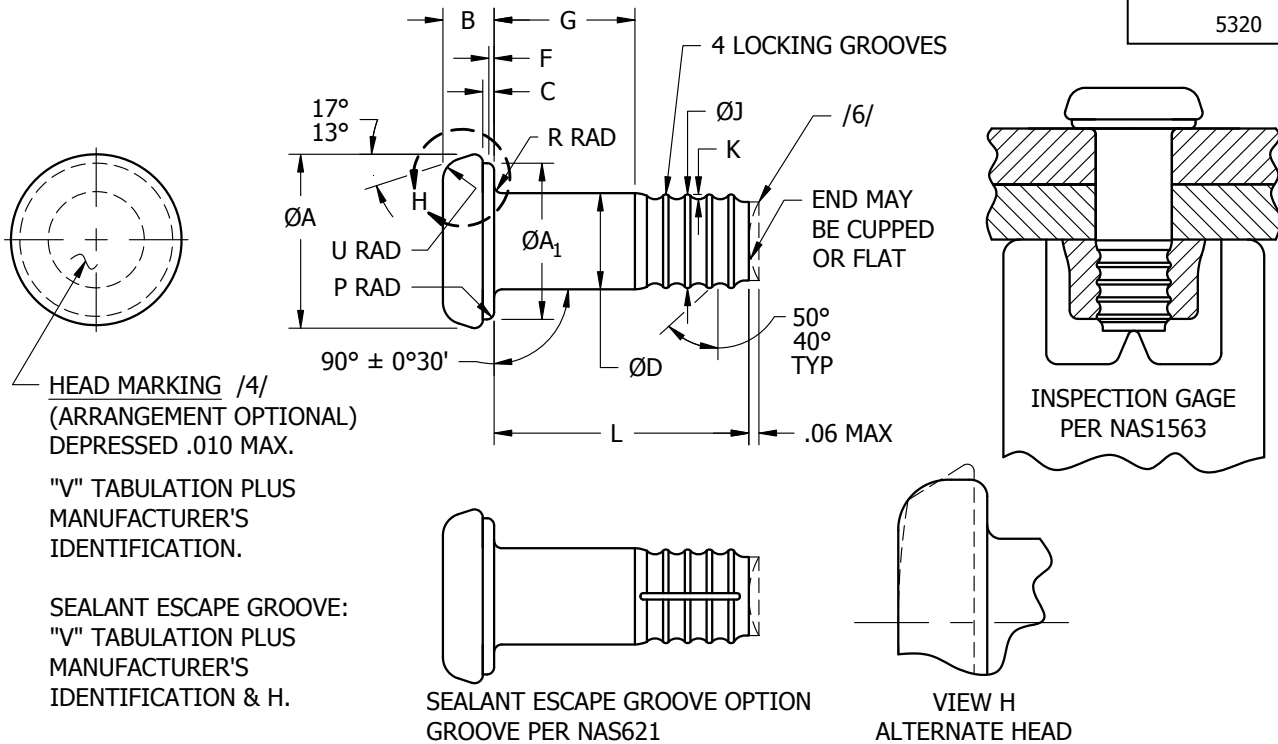


TABLE I – DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	ØA	ØA ₁ MIN	B	C	F MIN /5/	ØJ	K	P RAD	R RAD	U RAD	V HEAD MARKING /4/
NAS2205	.164	.1640 .1635	.270 .255	.240	.072 .057	.010 .006	.0040	.158 .150	.012 .008	.018 .012	.020 .010	.040 .025	NAS2205V
NAS2206	.190	.1895 .1890	.317 .302	.287	.088 .073	.012 .008	.0045	.185 .175	.015 .011	.027 .021	.025 .015	.045 .030	NAS2206V
NAS2208	.250	.2495 .2490	.411 .396	.381	.113 .098	.015 .011	.0060	.242 .231	.018 .014	.034 .028	.025 .015	.055 .040	NAS2208V
NAS2210	.312	.3120 .3115	.515 .500	.485	.140 .125	.015 .011	.0060	.305 .293	.023 .017	.034 .028	.030 .020	.065 .050	NAS2210V
NAS2212	.375	.3745 .3740	.628 .613	.598	.167 .152	.015 .011	.0060	.368 .354	.027 .021	.034 .028	.030 .020	.075 .060	NAS2212V

MATERIAL:

TITANIUM ALLOY – 6Al-4V (UNS R56400) PER PROCUREMENT SPECIFICATION.

HEAT TREATMENT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS-H-81200 OR AMS2801: 95 KSI Fsu.

④ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NAS621	TITLE BOLT, LOCK, TENSION, PROTRUDING HEAD, STUMP TYPE, TITANIUM ALLOY	CLASSIFICATION PART STANDARD NAS2205 THRU NAS2212 SHEET 1 OF 3

FINISH:

NO PROTECTIVE FINISH REQUIRED.

LUBRICATION:

CHLORINE FREE CETYL ALCOHOL.

CODE:

DASH NUMBER DESIGNATES NOMINAL GRIP IN .0625 INCREMENTS.
ADD "V" AFTER BASIC PART NUMBER FOR 6AI-4V TITANIUM ALLOY.
ADD "H" AFTER BASIC NUMBER WHEN SEALANT ESCAPE GROOVE IS REQUIRED.

EXAMPLES OF PART NUMBER:

NAS2206V08 = Ø.190 6AI-4V TITANIUM ALLOY PIN, PROTRUDING HEAD, STUMP TYPE, .500 GRIP.
NAS2206VH08 = Ø.190 6AI-4V TITANIUM ALLOY PIN, PROTRUDING HEAD, SEALANT ESCAPE GROOVE,
STUMP TYPE, .500 GRIP.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLIES PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (2) FOR RECOMMENDED HOLE SIZES, SEE NAS618.
- (3) FOR COLLAR SELECTION, MINIMUM TENSILE STRENGTH, AND INSPECTION GAGE, SEE NAS1080.
- /4/ HEAD MARKING: "NAS" MAY BE INCLUDED IN HEAD MARKING AT OPTION OF FASTENER MANUFACTURER.
- /5/ MINIMUM FILL OF RADIUS REQUIRED AT ANY POINT ON THE CIRCUMFERENCE.
- /6/ CHAMFER OR RADIUS PERMISSIBLE .06 MAX.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) 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.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

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

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

④ COMPLETELY REVISED

REVISION
4
NAS2205 THRU NAS2212
SHEET 2



Documents

Document Sharing Hub