

FED. SUPPLY CLASS

5320

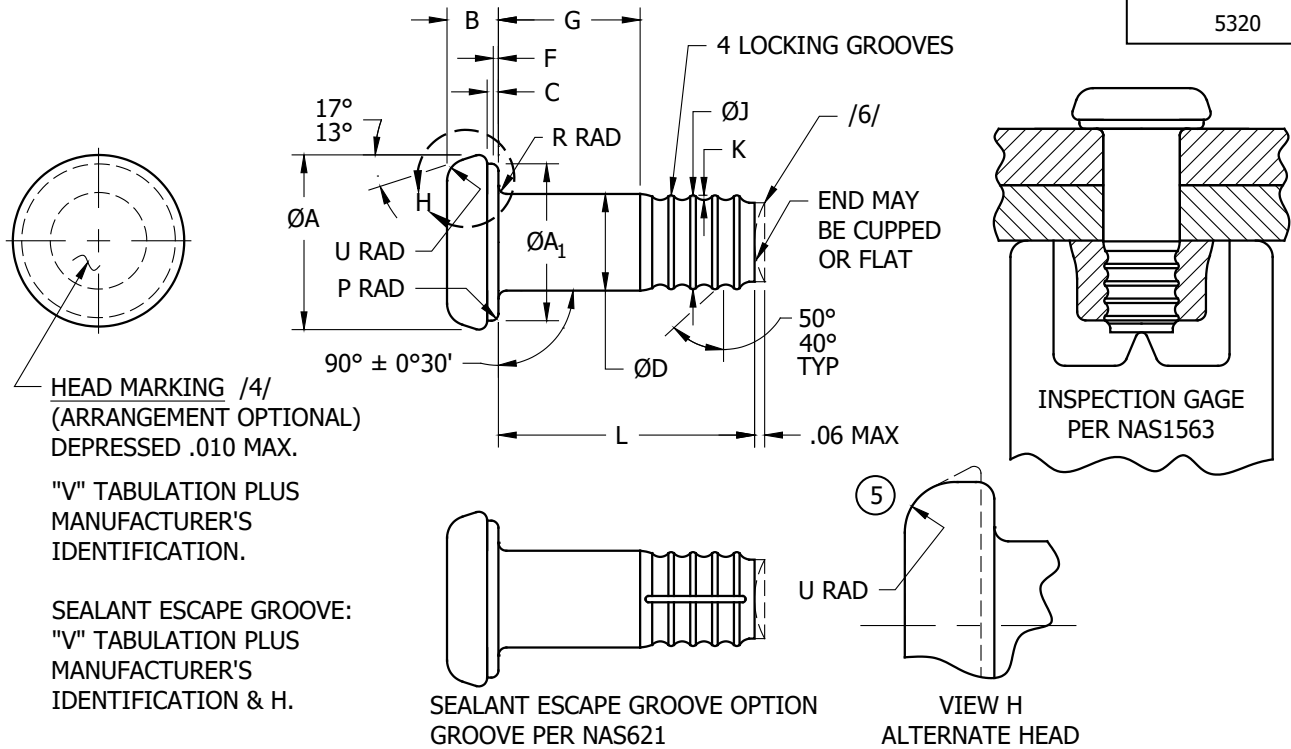


TABLE I – DIMENSIONS

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.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NAS621	TITLE PIN, LOCK-BOLT, TENSION, PROTRUDING HEAD, STUMP TYPE, TITANIUM ALLOY	CLASSIFICATION PART STANDARD NAS2205 THRU NAS2212 SHEET 1 OF 3

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY CONFORMANCE OF ITEMS PRODUCED UNDER NATIONAL AEROSPACE STANDARDS. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF ITEMS FOR ANY PARTICULAR APPLICATION OR (2) THE EXISTENCE OF OR APPLICABILITY THERETO OF PATENT OR TRADEMARKS RIGHTS.

FINISH:

NO PROTECTIVE FINISH REQUIRED.

LUBRICATION:

CHLORINE FREE CETYL ALCOHOL.

CODE:

⑤

NAS2206 V H 08

NOMINAL GRIP IN .0625 INCREMENTS

H = SEALANT ESCAPE GROOVE REQUIRED
NO CODE = NO SEALANT ESCAPE GROOVE

V = 6Al-4V TITANIUM ALLOY

BASIC PART NUMBER

EXAMPLES OF PART NUMBER:

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NAS2206V08 = Ø.190 6Al-4V TITANIUM ALLOY LOCK-BOLT PIN, PROTRUDING HEAD, STUMP TYPE, .500 GRIP.

NAS2206VH08 = Ø.190 6Al-4V TITANIUM ALLOY LOCK-BOLT 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.

REVISION

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NAS2205 THRU
NAS2212

SHEET 2



Documents

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