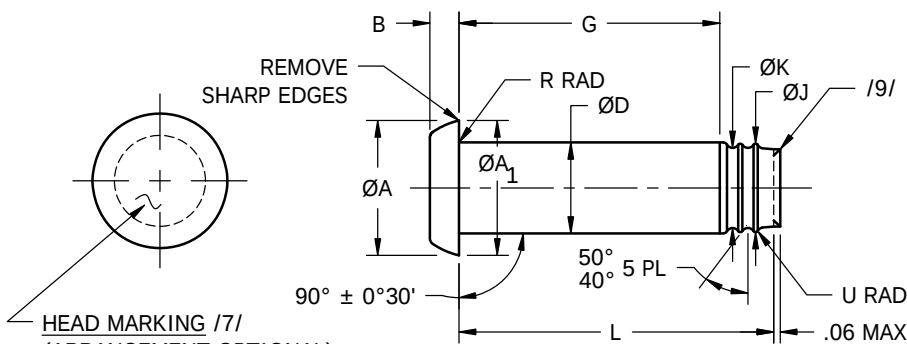


FED. SUPPLY CLASS

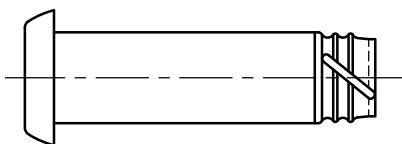
5320



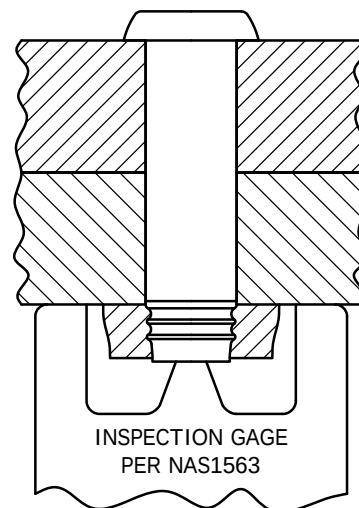
HEAD MARKING /7/
(ARRANGEMENT OPTIONAL)
DEPRESSED .010 MAX.

"V" TABULATION PLUS
MANUFACTURER'S IDENTIFICATION.

SEALANT ESCAPE GROOVE:
"V" TABULATION PLUS
MANUFACTURER'S
IDENTIFICATION & "H".



SEALANT ESCAPE GROOVE OPTION
GROOVE PER NAS621



INSPECTION GAGE
PER NAS1563

TABLE I – DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	ØA	ØA ₁ /8/	B	ØJ	ØK	R RAD	U RAD MAX	V HEAD MARKING /7/
NAS2605	.164	.1635 .1630	.249 .235	.215	.048 .036	.160 .154	.135 .129	.025 .015	.020	2605V
NAS2606	.190	.1895 .1890	.302 .288	.260	.056 .044	.185 .177	.151 .143	.025 .015	.020	2606V
NAS2608	.250	.2495 .2490	.377 .363	.309	.070 .058	.246 .235	.201 .190	.025 .015	.020	2608V
NAS2610	.312	.3120 .3115	.471 .455	.374	.079 .067	.300 .290	.255 .246	.030 .020	.025	2610V
NAS2612	.375	.3745 .3740	.565 .549	.436	.089 .077	.369 .354	.315 .303	.030 .020	.025	NAS2612V

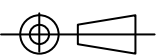
MATERIAL:

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

HEAT TREATMENT:

- ⑨ 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
9

PROCUREMENT
SPECIFICATION

NAS621

TITLE

**BOLT, LOCK, SHEAR, PROTRUDING HEAD,
STUMP-TYPE, TITANIUM ALLOY**

CLASSIFICATION
PART STANDARD

**NAS2605 THRU
NAS2612**

SHEET 1 OF 3

FINISH:

NO PROTECTIVE FINISH REQUIRED.

LUBRICATION:

CHLORINE FREE CETYL ALCOHOL PER ~~MIL-L-87132~~ AS87132.

CODE:

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

EXAMPLES OF PART NUMBER:

NAS2606V08 = Ø.190 6AL-4V TITANIUM ALLOY PIN, PROTRUDING HEAD,
STUMP TYPE, .500 GRIP.
NAS2606VH08 = Ø.190 6AL-4V TITANIUM ALLOY PIN, PROTRUDING HEAD, SEALANT GROOVE,
STUMP TYPE, .500 GRIP.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY 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) 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.
- ⑨ (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/ HEAD MARKING: "NAS" MAY BE INCLUDED IN HEAD MARKING AT OPTION OF FASTENER MANUFACTURER.
- /8/ MINIMUM BEARING DIAMETER.
- /9/ CHAMFER OR RADIUS PERMISSIBLE, .06 MAX.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /11/ MINIMUM GRIP FOR "01" VARIES WITH MATERIALS TO BE FASTENED TOGETHER.

REVISION

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NAS2605 THRU
NAS2612

SHEET 2



Documents

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