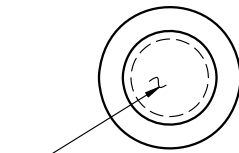


FED. SUPPLY CLASS

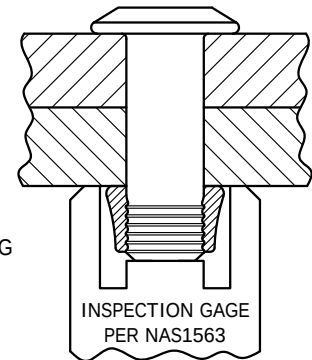
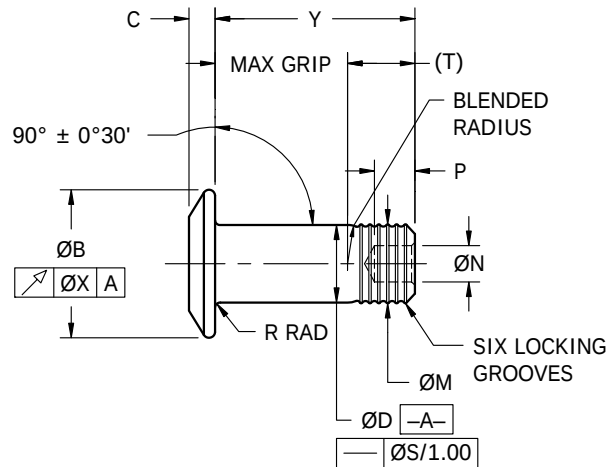
5320



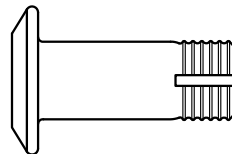
HEAD MARKING
(ARRANGEMENT OPTIONAL)

DASH PLUS MANUFACTURER'S
IDENTIFICATION DEPRESSED
.010 MAX.

SEALANT ESCAPE GROOVE:
SAME AS ABOVE PLUS RAISED
OR DEPRESSED DOT .010 MAX.



INSPECTION GAGE
PER NAS1563



SEALANT ESCAPE GROOVE OPTION
GROOVE PER NAS2014

TABLE I – DIMENSIONS

PART NUMBER	NOM SIZE	ØD SHANK		ØB HEAD		C HEAD HEIGHT		ØM MAX	ØN MAX	P DEPTH MAX	R RAD		S	(T)	X
		MAX	MIN	MAX	MIN	MAX	MIN				MAX	MIN			
NAS2045	.1640	.1635	.1630	.344	.324	.048	.038	.156	.065	.116	.025	.015	.0045	.187	.008
NAS2046	.1900	.1895	.1890	.387	.367	.062	.047	.184	.086	.118	.025	.015	.0045	.195	.009
NAS2048	.2500	.2495	.2490	.487	.467	.076	.061	.244	.109	.162	.025	.015	.0045	.264	.012
NAS2050	.3125	.3120	.3115	.609	.589	.086	.071	.306	.141	.216	.030	.020	.0045	.340	.016
NRS2052	.3750	.3745	.3740	.725	.705	.101	.086	.370	.171	.243	.030	.020	.0060	.398	.019

MATERIAL:

6Al-4V TITANIUM ALLOY (UNS R56400) PER AMS4967.

LUBRICATION:

CETYL ALCOHOL LUBE (CHLORINE FREE) PER MIL-L-87132 AS87132, TYPE I.

① COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN		REVISION	
		NATIONAL AEROSPACE STANDARDS COMMITTEE		1	
		TITLE		CLASSIFICATION	
PROCUREMENT SPECIFICATION	NAS2014	PIN, RIVET, GROOVED, TITANIUM, COMPOSITE APPLICATIONS, PROTRUDING HEAD, STUMP-TYPE		PART STANDARD	
				NAS2045 THRU NAS2052	



Documents
SHEET 1 OF 3

CODE:

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

EXAMPLES OF PART NUMBER:

NAS2046-08 = Ø.1900 TITANIUM PIN, RIVET, GROOVED, PROTRUDING HEAD, STUMP-TYPE, .500 GRIP.
NAS2048H10 = Ø.2500 TITANIUM PIN, RIVET, GROOVED, PROTRUDING HEAD, SEALANT ESCAPE GROOVE, STUMP-TYPE, .625 GRIP.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (2) FOR RECOMMENDED HOLE SIZE, SEE NAS618.
- (3) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (4) MINIMUM SHEAR STRENGTH: 95 KSI.
- (5) SURFACE ROUGHNESS: BEARING SURFACE, HEAD TO SHANK RADIUS, AND SHANK AND LEAD-IN RADIUS: 32 MICROINCHES Ra; ALL OTHER SURFACES: 125 MICROINCHES Ra PER ASME B46.1.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (8) 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.

① COMPLETELY REVISED

REVISION
1
NAS2045 THRU NAS2052
SHEET 2



Documents
Document Sharing Hub