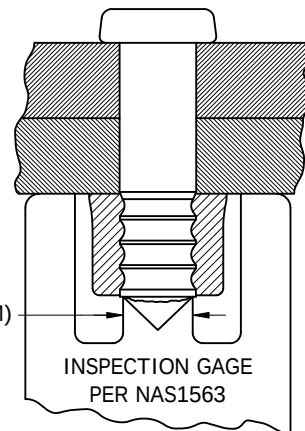
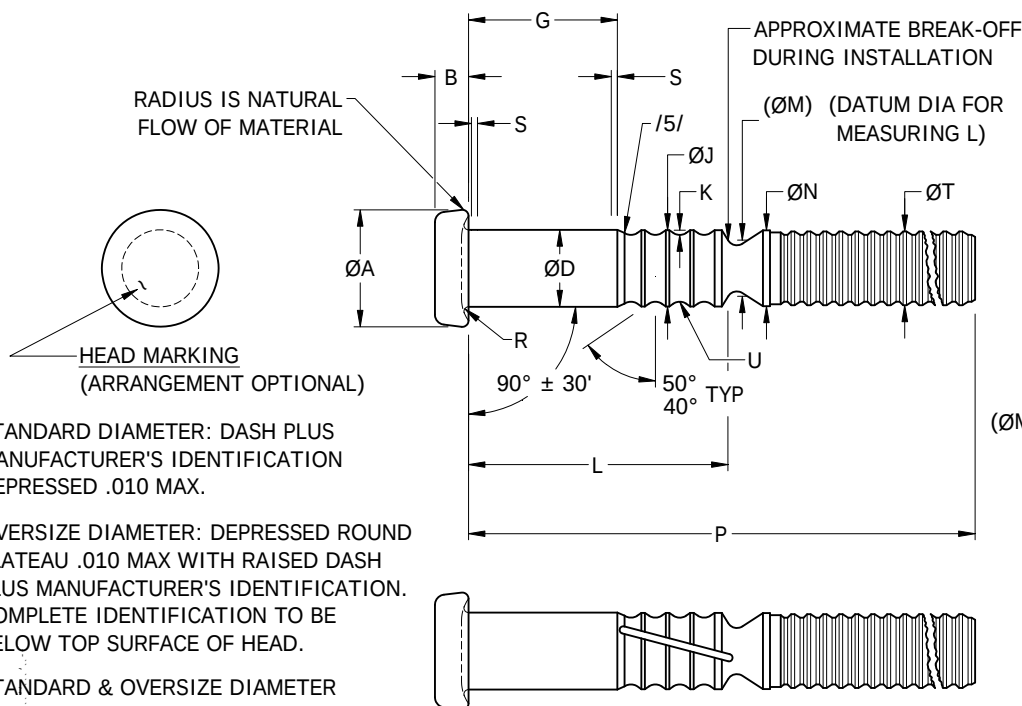


FED SUPPLY CLASS

5320



STANDARD DIAMETER: DASH PLUS MANUFACTURER'S IDENTIFICATION DEPRESSED .010 MAX.

OVERSIZE DIAMETER: DEPRESSED ROUND PLATEAU .010 MAX WITH RAISED DASH PLUS MANUFACTURER'S IDENTIFICATION. COMPLETE IDENTIFICATION TO BE BELOW TOP SURFACE OF HEAD.

STANDARD & OVERSIZE DIAMETER SEALANT ESCAPE GROOVE: SAME AS ABOVE PLUS RAISED OR DEPRESSED DOT .010 MAX.

SEALANT ESCAPE GROOVE OPTION. GROOVE PER NAS1413.

TABLE I - DIMENSIONS

BASIC PART NUMBER	STANDARD		OVERSIZE		ØA	B	ØJ	K	(ØM) GAGE	ØN	R RAD	S MAX /6/	ØT MAX	U /7/
	NOM SIZE	ØD SHANK	NOM SIZE	ØD SHANK										
NAS1465	.164	.1650 .1635			.282 .258	.095 .085	.158 .152	.012 .008	.136	.158 .144	.020 .010	.026	.158	4
NAS1466	.190	.1895 .1880	.203	.2025 .2010	.327 .297	.111 .099	.185 .177	.015 .011	.164	.185 .169	.025 .010	.031	.183	4
NAS1468	.250	.2495 .2480	.266	.2650 .2635	.430 .390	.147 .128	.242 .235	.018 .014	.224	.242 .221	.025 .010	.042	.243	4
NAS1470	.312	.3120 .3105	.328	.3275 .3260	.535 .485	.184 .158	.305 .294	.023 .017	.268	.305 .276	.025 .010	.052	.299	5
NAS1472	.375	.3745 .3730	.391	.3900 .3885	.655 .595	.224 .194	.368 .361	.027 .021	.339	.368 .336	.030 .015	.062	.359	5

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE, LOCKING, STEEL, STANDARD AND OVERSIZE, PROTRUDING HEAD, TENSION, PULL-TYPE	CLASSIFICATION PART STANDARD
		NAS1465-1472 SHEET 1 OF 3

MATERIAL: ALLOY STEEL PER PROCUREMENT SPECIFICATION.

HEAT TREAT: 160,000 - 180,000 PSI PER AMS2759; HARDNESS PER PROCUREMENT SPECIFICATION.

FINISH: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2
NICKEL-CADMIUM PLATING PER AMS2416. /1/

LUBRICATION: CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

CODE: DASH NUMBER DESIGNATES NOMINAL GRIP IN .0625 INCREMENTS.
ADD "N" AFTER BASIC NUMBER FOR NICKEL-CADMIUM PLATING.
ADD "H" AFTER BASIC NUMBER WHEN SEALANT ESCAPE GROOVE IS REQUIRED.
ADD "A" SUFFIX IF OVERSIZE IS REQUIRED.

EXAMPLE OF PART NUMBER:

NAS1466-08 = .190 DIA STEEL PIN, PROTRUDING HEAD, PULL-TYPE, .500 GRIP, TYPE II CADMIUM PLATE.

NAS1466N08 = .190 DIA STEEL PIN, PROTRUDING HEAD, PULL-TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.

NAS1466H08 = .190 DIA STEEL PIN, PROTRUDING HEAD, SEALANT ESCAPE GROOVE, PULL-TYPE, .500 GRIP, TYPE II CADMIUM PLATE.

NAS1466HN08 = .190 DIA STEEL PIN, PROTRUDING HEAD, SEALANT ESCAPE GROOVE, PULL-TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.

NAS1466-08A = .203 DIA STEEL PIN, PROTRUDING HEAD, PULL-TYPE, .500 GRIP, TYPE II CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NAS1466N08A = .203 DIA STEEL PIN, PROTRUDING HEAD, PULL-TYPE, .500 GRIP, NICKEL-CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NAS1466H08A = .203 DIA STEEL PIN, PROTRUDING HEAD, SEALANT ESCAPE GROOVE, PULL-TYPE, .500 GRIP, TYPE II CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NAS1466HN08A = .203 DIA STEEL PIN, PROTRUDING HEAD, SEALANT ESCAPE GROOVE, PULL-TYPE, .500 GRIP, NICKEL-CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NOTES:

- /1/ DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED. PARTS WITH NICKEL-CADMIUM MAY HAVE DIMENSIONS INCREASED BY .0005.
- (2) FOR RECOMMENDED HOLE SIZES, SEE NAS618.
- (3) FOR COLLAR SELECTION, MINIMUM TENSILE STRENGTH, AND INSPECTION GAGE, SEE NAS1080.
- (4) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- /5/ SLIGHT HOOK PERMITTED WHERE TAPER OF LOCKING GROOVE MEETS TAPER OF ORIGINAL BLANK
- /6/ 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".
- /7/ NUMBER OF LOCKING GROOVES.
- (8) REMOVE ALL BURRS AND SHARP EDGES.

REVISION
3
NAS1466-1472
SHEET 2



Documents

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