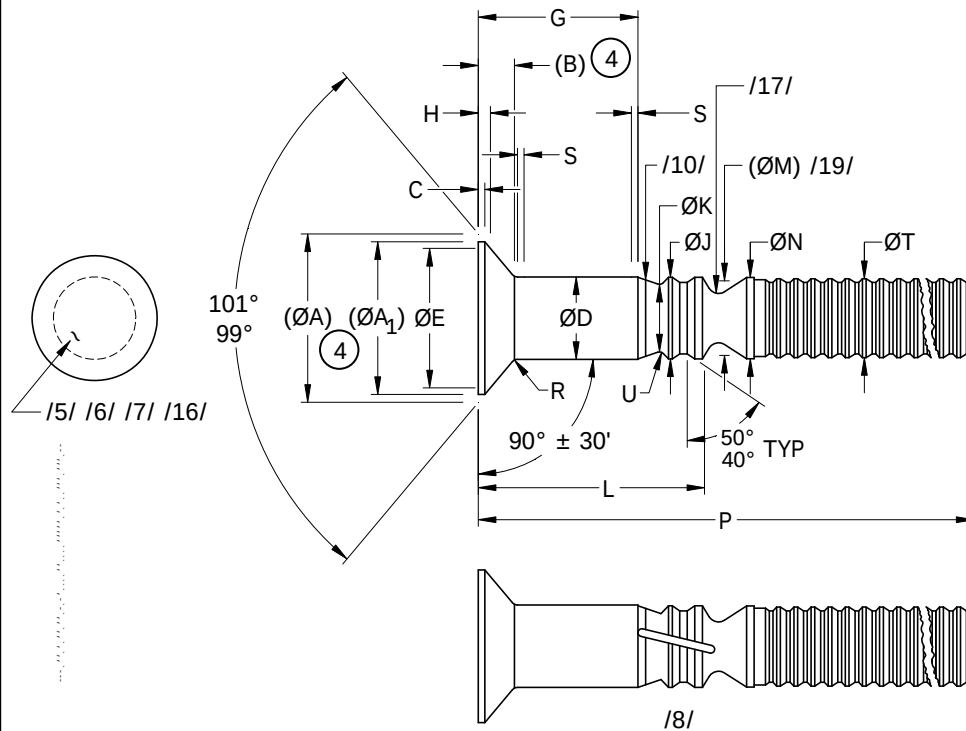


FED. SUPPLY CLASS

5320

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



4 TABLE I - DIMENSIONS

BASIC PART NUMBER	STANDARD		OVERSIZE		(ØA) MAX /11/	(ØA ₁) MIN /11/	(B) MAX /14/ /11/	C MAX	GAGE			ØJ	ØK	(ØM) GAGE	ØN	R RAD	S MAX /13/	ØT MAX	U MAX RAD
	NOM SIZE	ØD SHANK	NOM SIZE	ØD SHANK					+ .0002 - .0000 /12/	H									
										PROTRUSION									
										NOM	±TOL								
NAS1436	.190	.1895 .1880	.203	.2025 .2010	.305	.263	.049	.013	.2439	.0230	.0020	.185 .177	.151 .143	.164	.185 .169	.015 .008	.031	.183	.020
NAS1438	.250	.2495 .2480	.266	.2650 .2635	.399	.346	.063	.017	.3313	.0255	.0023	.246 .235	.201 .190	.224	.246 .221	.020 .010	.042	.243	.020
MAS1440	.312	.3120 .3105	.328	.3275 .3260	.479	.417	.071	.020	.4045	.0280	.0025	.298 .290	.247 .236	.268	.298 .276	.025 .010	.052	.299	.025
NAS1442	.375	.3745 .3730	.391	.3900 .3885	.566	.496	.081	.023	.4852	.0305	.0028	.369 .357	.300 .290	.339	.369 .336	.030 .010	.062	.359	.025

MATERIAL: ALLOY STEEL PER PROCUREMENT SPECIFICATION.

HEAT TREAT: 160,000 - 180,000 PSI PER MIL-H-6875 AMS2759; HARDNESS PER PROCUREMENT SPECIFICATION.

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

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.

REVISION DATE: JANUARY 30, 2015

ISSUE DATE: MAY 1960

THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, STEEL, STANDARD AND OVERSIZE, 100° SHEAR HEAD, PULL-TYPE	CLASSIFICATION PART STANDARD NAS1413-10 THRU 1413-17 SHEET 1 OF 4	

LUBRICATION: CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

CODE: DASH NUMBER DESIGNATES MAXIMUM GRIP IN .0625 INCREMENTS.

NAS1436 () 08 A

ADD "A" SUFFIX IF OVERSIZE IS REQUIRED.

GRIP

ADD "-" AFTER BASIC NUMBER FOR TYPE II CADMIUM PLATING.

ADD "N" AFTER BASIC NUMBER FOR NICKEL-CADMIUM PLATING.

ADD "H" AFTER BASIC NUMBER WHEN SEALANT ESCAPE GROOVE IS REQUIRED.

BASIC NUMBER

EXAMPLE OF PART NUMBER:

NAS1436-08 = .190 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE.

NAS1436N08 = .190 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), PULL TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.

NAS1436H08 = .190 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE.

NAS1436HN08 = .190 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.

NAS1436-08A = .203 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NAS1436N08A = .203 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), PULL TYPE, .500 GRIP, NICKEL-CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NAS1436H08A = .203 DIA STEEL PIN, 100° FLUSH HEAD (SHEAR), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE, OVERSIZE SHANK DIAMETER.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION EXCEPT 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.

REVISION

4

NAS1436-1442 2015
SHEET 2



Documents

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