

FED SUPPLY CLASS

5320

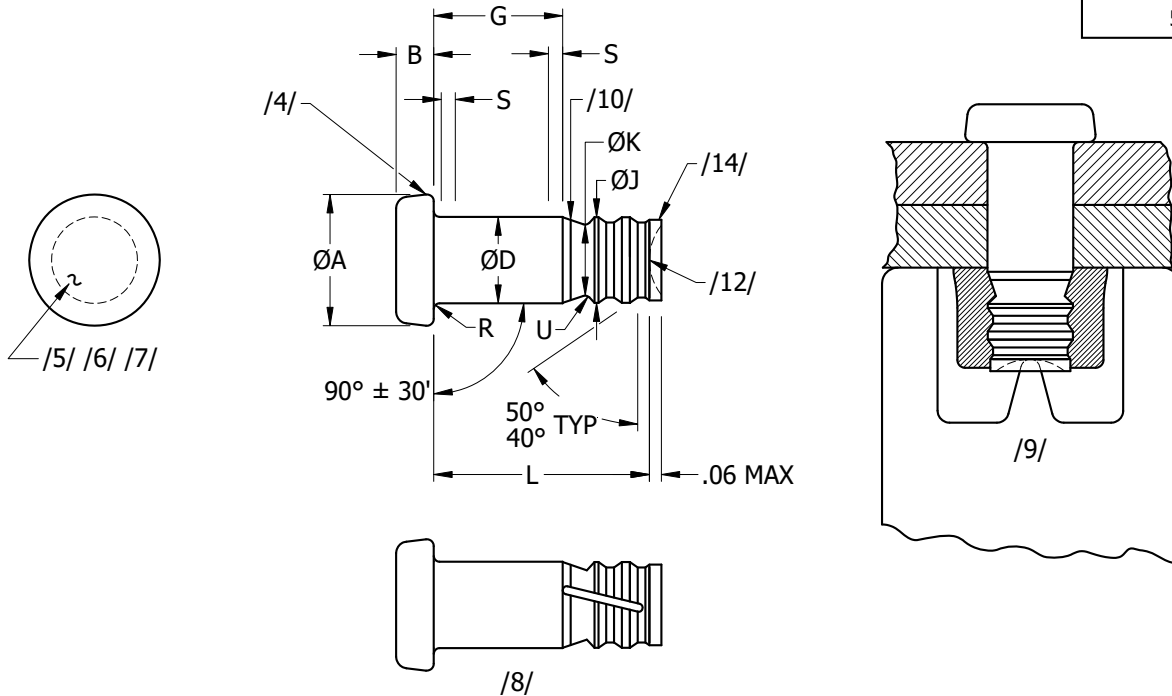


TABLE I – DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	ØA	B	ØJ	ØK	R RAD	S MAX /13/	U MAX RAD
NAS1424	.125	.1250 .1235	.195 .181	.040 .028	.122 .117	.105 .099	.015 .005	.021	.020
NAS1425	.156	.1565 .1550	.249 .235	.048 .036	.152 .146	.127 .121	.020 .010	.026	.020
NAS1426	.190	.1895 .1880	.302 .288	.056 .044	.185 .177	.151 .143	.025 .010	.031	.020
NAS1428	.250	.2495 .2480	.377 .363	.070 .058	.246 .235	.201 .190	.025 .010	.042	.020
NAS1430	.312	.3120 .3105	.471 .455	.079 .067	.300 .290	.255 .246	.025 .010	.052	.025
NAS1432	.375	.3745 .3730	.565 .549	.089 .077	.369 .354	.315 .303	.030 .015	.062	.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/

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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 31, 2017

ISSUE DATE: MAY 1960

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 6
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, STEEL, PROTRUDING HEAD, SHEAR, STUMP-TYPE	CLASSIFICATION PART STANDARD NAS1413-1

LUBRICATION: CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

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

EXAMPLE OF PART NUMBER:

NAS1426-08 = .190 DIAMETER STEEL PIN, PROTRUDING HEAD, STUMP TYPE, .500 GRIP,
TYPE II CADMIUM PLATE.

NAS1426N08 = .190 DIAMETER STEEL PIN, PROTRUDING HEAD, STUMP TYPE, .500 GRIP,
NICKEL-CADMIUM PLATE.

NAS1426H08 = .190 DIAMETER STEEL PIN, PROTRUDING HEAD, SEALANT GROOVE, STUMP TYPE,
.500 GRIP, TYPE II CADMIUM PLATE.

NAS1426HN08 = .190 DIAMETER STEEL PIN, PROTRUDING HEAD, SEALANT GROOVE, STUMP TYPE,
.500 GRIP, NICKEL-CADMIUM PLATE.

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.
- /4/ RADIUS IS NATURAL FLOW OF MATERIAL.
- /5/ HEAD MARKING (ARRANGEMENT OPTIONAL).
- /6/ "H" PLUS MANUFACTURER'S IDENTIFICATION DEPRESSED .010 MAX.
- /7/ SEALANT ESCAPE GROOVE: SAME AS /6/ PLUS RAISED OR DEPRESSED DOT .010 MAX.
- /8/ SEALANT ESCAPE GROOVE OPTION. GROOVE PER NAS1413.
- /9/ INSPECTION GAGE PER NAS1563.
- /10/ SLIGHT HOOK PERMITTED WHERE TAPER OF LOCKING GROOVE MEETS TAPER OF ORIGINAL BLANK.
- (11) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /12/ END MAY BE CUPPED OR FLAT.
- /13/ 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".
- /14/ CHAMFER OR RADIUS OR PARTIAL LAND PERMISSIBLE, .06 MAX.

REVISION

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NAS1424-1432
SHEET 2



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