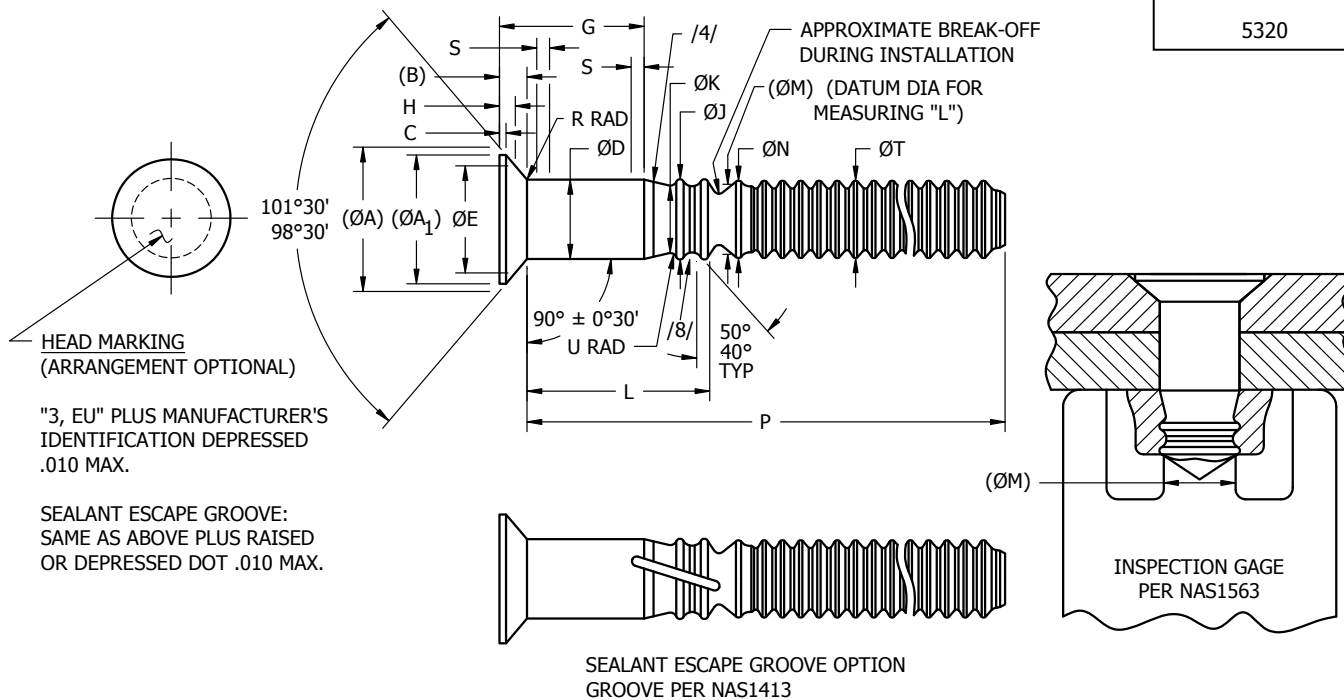


FED. SUPPLY CLASS

5320



③ COMPLETELY REVISED

TABLE I - DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	(ØA) MAX /5/	(ØA ₁) MIN /5/	(B) MAX /5/	C MAX	GAGE			ØJ	ØK	(ØM) GAGE	ØN	R RAD	S MAX /7/	ØT MAX	U RAD MAX
							ØE +.0002 -.0000 /6/	(H) PROTRUSION /6/									
								NOM	±TOL								
NAS7004	.125	.1250 .1235	.222	.190	.041	.009	.1626	.0223	.0017	.123 .119	.108 .100	.100	.123 .110	.015 .005	.022	.123	.020
NAS7005	.156	.1565 .1550	.278	.240	.051	.011	.2026	.0287	.0018	.154 .149	.135 .126	.125	.154 .139	.018 .007	.026	.151	.025
NAS7006	.190	.1895 .1880	.333	.288	.060	.013	.2439	.0342	.0020	.185 .179	.161 .151	.164	.185 .169	.020 .008	.031	.183	.030
NAS7008	.250	.2495 .2480	.435	.379	.078	.017	.3313	.0398	.0023	.247 .238	.214 .202	.224	.247 .221	.025 .010	.042	.243	.035
NAS7010	.312	.3120 .3105	.538	.470	.095	.021	.4045	.0519	.0025	.309 .298	.268 .252	.268	.309 .276	.030 .010	.052	.299	.040
NAS7012	.375	.3745 .3730	.640	.561	.111	.025	.4852	.0605	.0028	.371 .358	.322 .304	.339	.371 .336	.035 .010	.062	.359	.045

MATERIAL:

CRES - A286 (AISI 660) (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5732 OR AMS5737.

HEAT TREATMENT:

SOLUTION TREATED AND AGED. MINIMUM SHEAR STRENGTH 95 KSI.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, A286 CRES, 100° SHEAR/TENSION HEAD, PULL-TYPE	CLASSIFICATION PART STANDARD
		NAS7004 THRU NAS7012 SHEET 1 OF 3

FINISH:

PASSIVATE PER AMS2700, METHOD 1, CLASS 4.
CADIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
NICKEL-CADIUM PLATING PER AMS2416.

LUBRICATION:

CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

CODE:

DASH NUMBER DESIGNATES NOMINAL GRIP IN .0625 INCREMENTS.
ADD "C" AFTER BASIC NUMBER FOR TYPE II CADIUM PLATING.
ADD "N" AFTER BASIC NUMBER FOR NICKEL-CADIUM PLATING.
ADD "H" AFTER BASIC NUMBER WHEN SEALANT ESCAPE GROOVE IS REQUIRED.

EXAMPLES OF PART NUMBER:

NAS7006-08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD (SHEAR/TENSION), PULL TYPE, .500 GRIP.
NAS7006C08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD (SHEAR/TENSION), PULL TYPE, .500 GRIP, TYPE II CADIUM PLATE.
NAS7006N08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD (SHEAR/TENSION), PULL TYPE, .500 GRIP, NICKEL-CADIUM PLATE.
NAS7006H08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD, (SHEAR/TENSION), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP.
NAS7006HC08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD, (SHEAR/TENSION), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, TYPE II CADIUM PLATE.
NAS7006HN08 = Ø.190 A286 CRES PIN, 100° FLUSH HEAD, (SHEAR/TENSION), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, NICKEL-CADIUM PLATE.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED, EXCEPT PARTS WITH NICKEL-CADIUM MAY HAVE DIMENSIONS INCREASED BY .0005.
- (2) FOR RECOMMENDED HOLE SIZE, SEE NAS618.
- (3) FOR COLLAR SELECTION, MINIMUM TENSILE STRENGTH, AND INSPECTION GAGE, SEE NAS1080.
- /4/ SLIGHT HOOK PERMITTED WHERE TAPER OF LOCKING GROOVE MEETS TAPER OF ORIGINAL BLANK.
- /5/ DIMENSIONS "(ØA)", "(ØA₁)" & "(B)": INCLUDED FOR ENGINEERING REFERENCE PURPOSES ONLY, NOT FOR INSPECTION PURPOSES. VALUES "(ØA)", "(ØA₁)" & "(B)": CALCULATED LIMITS RESULTING FROM TOLERANCES ON "C", "ØD", "ØE", "(H)" & HEAD ANGLE.
- /6/ GAGE PROTRUSION "(H)": SEE NAS1413 FOR THE RECOMMENDED PRACTICE FOR INSPECTING HEAD CHARACTERISTICS.
- /7/ AT THE INTERSECTION OF THE HEAD TO SHANK, THE SHANK DIAMETER MAY BE .002 LARGER THAN MAX "ØD" FOR DISTANCE "S" AS MEASURED FROM THE TANGENCY OF THE "R" RADIUS. THE SHANK DIAMETER IMMEDIATELY BEFORE THE END OF GRIP "G" MAY BE .001 SMALLER THAN MIN "ØD" FOR DISTANCE "S".

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REVISION

3

NAS7004 THRU
NAS7012

SHEET 2



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