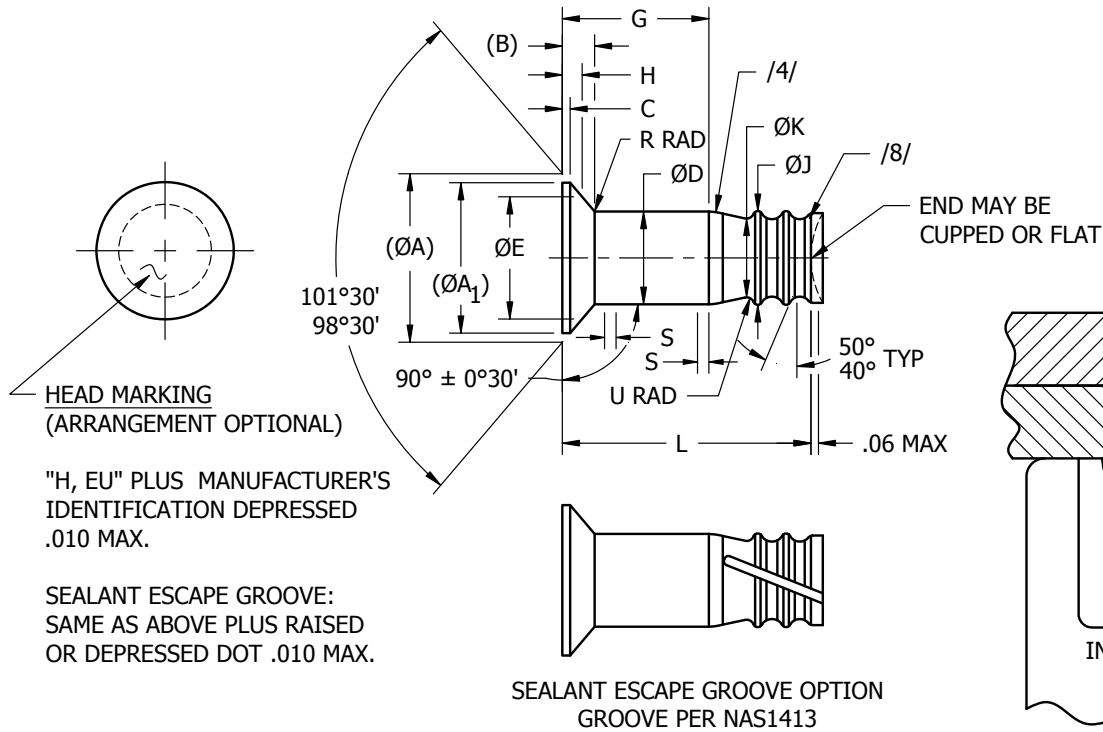


FED. SUPPLY CLASS

5320

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



(4)

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	R RAD	S /7/	U RAD MAX
							ØE +.0002 -.0000 /6/	H PROTRUSION /6/						
								NOM	±TOL					
NAS6974	.125	.1250 .1235	.211	.180	.037	.009	.1626	.0182	.0015	.122 .117	.105 .099	.015 .005	.021	.020
NAS6975	.156	.1565 .1550	.256	.220	.043	.011	.2026	.0203	.0017	.152 .146	.127 .121	.015 .005	.026	.020
NAS6976	.190	.1895 .1880	.305	.262	.049	.013	.2439	.0230	.0020	.185 .177	.151 .143	.015 .008	.031	.020
NAS6978	.250	.2495 .2480	.400	.346	.064	.017	.3313	.0255	.0023	.246 .235	.201 .190	.020 .010	.042	.020
NAS6980	.312	.3120 .3105	.479	.417	.071	.020	.4045	.0280	.0025	.300 .290	.255 .246	.025 .010	.052	.025
NAS6982	.375	.3745 .3730	.567	.496	.082	.023	.4852	.0305	.0028	.369 .354	.315 .303	.030 .010	.062	.025

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: DECEMBER 19, 2014

ISSUE DATE: DECEMBER 1973

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, A286 CRES, 100° SHEAR HEAD, STUMP-TYPE	CLASSIFICATION PART STANDARD
		NAS6974 THRU NAS6982
		SHEET 1 OF 4

MATERIAL:

④

A286 CRES AISI 660 (UNS S66286) PER AMS5735 AMS5732 OR AMS5737.

HEAT TREATMENT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759.
SOLUTION TREATED AND AGED. MINIMUM SHEAR STRENGTH 95 KSI.

FINISH:

④

PASSIVATE PER AMS2700, METHOD 1, TYPE 2 OR TYPE 8, CLASS 4.
CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
NICKEL-CADMIUM PLATING PER AMS2416.

LUBRICATION:

CETYL ALCOHOL PER PROCUREMENT SPECIFICATION.

CODE:

DASH NUMBER DESIGNATED MAXIMUM GRIP IN .0625 INCREMENTS.
ADD "C" 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.

EXAMPLES OF PART NUMBER:

④

NAS6976-08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, STUMP TYPE, .500 GRIP, PASSIVATED.
NAS6976C08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, STUMP TYPE, .500 GRIP, TYPE II
CADMIUM PLATED.
NAS6976N08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, STUMP TYPE, .500 GRIP, NICKEL-
CADMIUM PLATED.
④ NAS6976H08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, SEALANT GROOVE, STUMP TYPE, .500
GRIP, PASSIVATED.
NAS6976HC08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, SEALANT GROOVE, STUMP TYPE, .500
GRIP, TYPE II CADMIUM PLATED.
NAS6976HN08 = Ø.1900 A286 CRES PIN, 100° FLUSH HEAD, SEALANT GROOVE, STUMP TYPE, .500
GRIP, NICKEL-CADMIUM PLATED.

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FORM 12-01

REVISION

4

NAS6974
THRU NAS6982
SHEET 2



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