

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
11000 WILSON BLVD.
ARLINGTON, VA 22209

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.

FORM 09-01

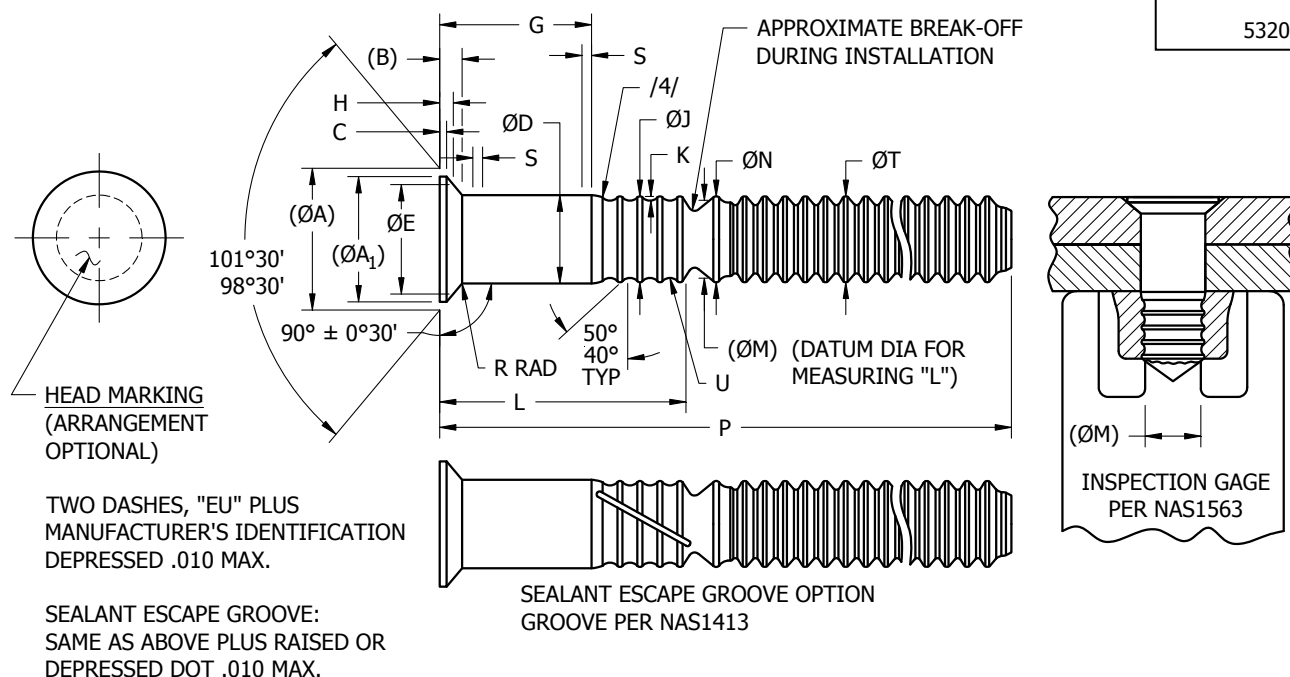


TABLE I – DIMENSIONS

BASIC PART NUMBER	NOM SIZE	ØD SHANK	(ØA) MAX /5/	(ØA ₁) MIN /5/	(B) MAX /5/	C MAX	GAGE			ØJ	K	(ØM) GAGE	ØN	R RAD	S MAX /7/	ØT MAX	U /8/
							ØE +.0002 -.0000 /6/	H									
								PROTRUSION									
								NOM	± TOL								
NAS6955	.1640	.1650 .1635	.292	.263	.055	.008	.2558	.0130	.0018	.158 .152	.012 .008	.136	.158 .144	.020 .010	.026	.158	4
NAS6956	.1900	.1895 .1880	.358	.315	.072	.013	.2980	.0224	.0019	.185 .177	.015 .011	.164	.185 .169	.020 .010	.031	.183	4
NAS6958	.2500	.2495 .2480	.481	.428	.099	.017	.4048	.0290	.0020	.242 .235	.018 .014	.224	.242 .221	.020 .010	.042	.243	4
NAS6960	.3125	.3120 .3105	.569	.508	.109	.020	.4789	.0346	.0021	.305 .294	.023 .017	.268	.305 .276	.025 .010	.052	.299	5
NAS6962	.3750	.3745 .3730	.699	.629	.138	.023	.5940	.0404	.0024	.368 .361	.027 .021	.339	.368 .336	.030 .010	.062	.359	5

MATERIAL:

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

HEAT TREATMENT:

SOLUTION TREATED AND AGED. MINIMUM SHEAR STRENGTH 95 KSI.

② COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NAS1413	TITLE PIN, SWAGE LOCKING, A286 CRES, 100° HEAD (MS20426), TENSION, PULL-TYPE	② 	CLASSIFICATION PART STANDARD NAS6955 THRU NAS6662 SHEET 1 OF 3

REVISION DATE: JANUARY 31, 2013

ISSUE DATE: DECEMBER 1973

FINISH:

PASSIVATE PER AMS2700, METHOD 1, 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 DESIGNATES NOMINAL 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:

NAS6956-08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), PULL TYPE, .500 GRIP.
NAS6956C08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE.
NAS6956N08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), PULL TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.
NAS6956H08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP.
NAS6956HC08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, TYPE II CADMIUM PLATE.
NAS6956HN08 = Ø.1900, A286 CRES PIN, 100° FLUSH HEAD (MS20426), SEALANT ESCAPE GROOVE, PULL TYPE, .500 GRIP, NICKEL-CADMIUM PLATE.

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED, EXCEPT PARTS WITH NICKEL-CADMIUM 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. "(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".
- /8/ NUMBER OF LOCKING GROOVES.
- (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

② COMPLETELY REVISED

REVISION

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NAS6955 THRU
NAS6962

SHEET 2



Documents

Document Sharing Hub

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