



Aerospace
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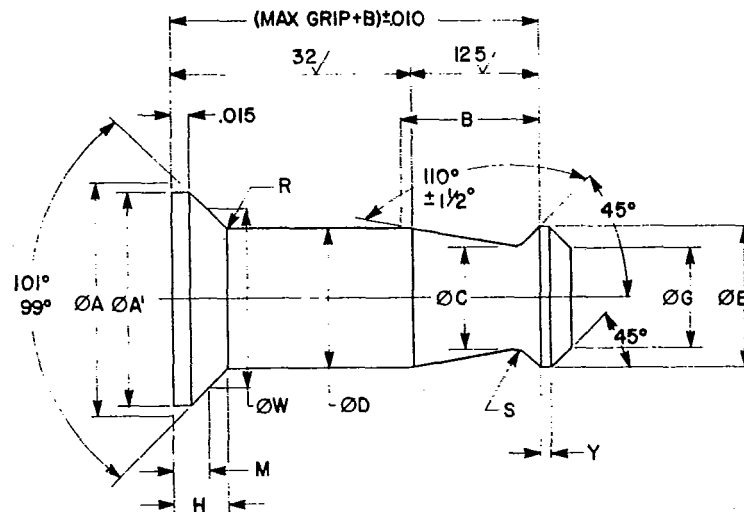
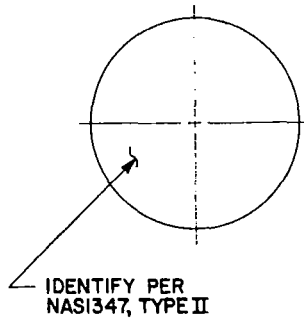
AIA/NAS NAS*1533 92 0318743 0500211 4

NATIONAL AEROSPACE STANDARD

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FED. SUP CLASS
5320

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1250 EYE STREET, N.W.
WASHINGTON, D.C. 20005



FIRST DASH NO	NOM DIA	Ø A MAX (REF)	Ø A' MIN (REF)	B (REF)	Ø C	Ø D	Ø E	Ø G	H MAX (REF)	M	R	Ø W	S	Y
4	.125	.2100	.1787	.083	.088 .082	.1245 .1240	.120 .116	.088 .068	.0345	.0197 .0166	.020 .010	.1628 .1626	.023 .019	.012 .010
5	.156	.2575	.2203	.114	.113 .1075	.1560 .1555	.155 .149	.113 .093	.0418	.0220 .0186	.025 .012	.2029 .2026	.028 .023	.015 .012
6	.190	.3047	.2578	.125	.132 .127	.1895 .1890	.185 .181	.132 .112	.0485	.0250 .0210	.030 .015	.2441 .2439	.035 .029	.015 .012
8	.250	.3988	.3504	.165	.175 .170	.2495 .2490	.245 .241	.175 .155	.0631	.0278 .0232	.030 .015	.3315 .3313	.044 .040	.025 .020
10	.312	.4787	.4289	.206	.219 .213	.3120 .3115	.307 .302	.219 .199	.0704	.0305 .0255	.030 .015	.4047 .4045	.054 .050	.025 .020
12	.375	.5662	.5149	.248	.262 .256	.3745 .3740	.370 .365	.262 .242	.0810	.0333 .0277	.030 .015	.4854 .4852	.066 .062	.035 .030

MATERIAL: A286 (UNS S66286) HIGH TEMPERATURE ALLOY IN ACCORDANCE WITH AMS5737.

HEAT TREATMENT: MINIMUM SHEAR STRENGTH 95000 PSI AT ROOM TEMPERATURE.

CONCENTRICITY: CONICAL SURFACE OF HEAD TO "D" DIAMETER WITHIN .005 FIM; "D" DIAMETER TO "C" AND "E" DIAMETERS WITHIN .005 FIM.

SURFACE TEXTURE: SURFACE TEXTURE SHALL BE MEASURED IN ACCORDANCE WITH ANSI B46.1.

FINISH: PASSIVATE IN ACCORDANCE WITH QQ-P-35.

CODE: FIRST DASH NUMBER DESIGNATES NOMINAL DIAMETER IN 1/32 OF AN INCH.
SECOND DASH NUMBER DESIGNATES MAXIMUM GRIP IN 1/16 OF AN INCH.

PART NUMBER EXAMPLE:

NAS 1533-6-8

Maximum grip of 1/2 inch
Nominal diameter of 3/16 inch
Basic Part Number

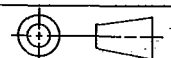
LIST OF CURRENT SHEETS

SHEET NO	REV NO
1	1
2	NEW

① INACTIVE FOR DESIGN AFTER JANUARY 30, 1992. NO SUPERSEDING STANDARD. FOR DESCRIPTION OF STATUS NOTE SEE NAS380.

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD
ANGLE
PROJECTION



PROCUREMENT
SPECIFICATION

NONE

TITLE

PIN, 100° CSK. HEAD
HI-SHEAR RIVET, CLOSE TOLERANCE

CLASSIFICATION
STANDARD PART

NAS 1533 Documents
SHEET 1 OF 2

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11 MARCH 1992
REVISION ①
APPROVAL DATE February 1986

NATIONAL AEROSPACE STANDARD

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NOTES:

1. DIMENSIONS IN INCHES.
2. TOLERANCES: 2 PLACE = $\pm .03$, 3 PLACE = $\pm .010$, ANGLES = $\pm 3^\circ$
3. DIMENSIONS A, A¹, AND H ARE INCLUDED FOR REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED FOR ACCEPTANCE PURPOSES. THESE VALUES ARE CALCULATED LIMITS RESULTING FROM W, M, D, AND HEAD ANGLE WITH APPLICABLE TOLERANCES.
4. "E" DIAMETER SHALL NOT EXCEED MINIMUM "D" DIAMETER ON ANY ONE PIN.
5. ENTRANCE CHAMFER SHALL NOT FALL WITHIN THE MAXIMUM GRIP.
6. THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
7. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON.

APPROVAL DATE February 1986 REVISION

NAS 1533 Documents
SHEET 2

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