

FED. SUPPLY CLASS

5315

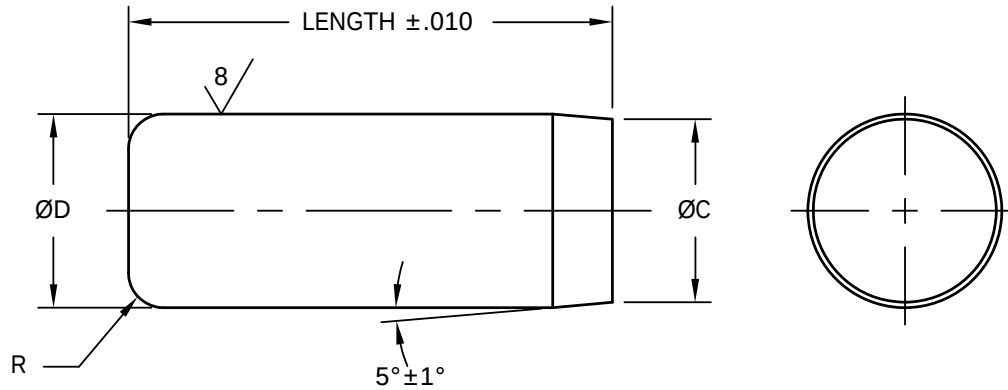


TABLE I – GENERAL DIMENSIONS

NOMINAL DIAMETER	ØC		ØD				R RADIUS MAX
			PLATED		UNPLATED		
	MIN	MAX	MAX	MIN	MAX	MIN	
.062	.045	.059	.0636	.0626	.0628	.0626	.047
.125	.109	.119	.1261	.1251	.1253	.1251	.051
.188	.168	.178	.1886	.1876	.1878	.1876	.051
.250	.229	.239	.2511	.2501	.2503	.2501	.067
.312	.291	.301	.3136	.3126	.3128	.3126	.067
.375	.354	.364	.3761	.3751	.3753	.3751	.083
.438	.411	.421	.4382	.4376	.4378	.4376	.098
.500	.473	.483	.5011	.5001	.5003	.5001	.114
.625	.598	.608	.6261	.6251	.6253	.6251	.130
.750	.718	.728	.7511	.7501	.7503	.7501	.130
.875	.843	.853	.8761	.8751	.8753	.8751	.130
1.000	.968	.978	1.0011	1.0001	1.0003	1.0001	.130

MATERIAL:

CARBON OR ALLOY STEEL IN ACCORDANCE WITH ASTM A29/A29M. THE MAXIMUM SULFUR AND PHOSPHORUS CONTENT SHALL NOT EXCEED .05 AND .04 PERCENT RESPECTIVELY. SURFACE AND CORE HARDNESS, 50 TO 64 HRC.

FINISH:

UNPLATED, COAT WITH COMPOUND IN ACCORDANCE WITH MIL-PRF-16173, CLASS OPTIONAL, GRADE 2 OR 3.

CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2.

ZINC-NICKEL PLATE IN ACCORDANCE WITH AMS2417, TYPE 2.

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 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.

ISSUE DATE: MARCH 1956
REVISION DATE: MARCH 31, 2014

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	PIN, STRAIGHT, HEADLESS, DOWEL

REVISION	7
CLASSIFICATION PART STANDARD	NAS 607
SHEET 1 OF 3	

CODE: FIRST DASH NUMBER DESIGNATES NOMINAL DIAMETER IN .0625 INCREMENTS.
SECOND DASH NUMBER DESIGNATES LENGTH IN .125 INCREMENTS.
ADDITIONAL .125 LENGTHS, NOT TABULATED, MAY BE DESIGNATED BY CHANGING SECOND DASH NUMBER AS REQUIRED.
INTERMEDIATE LENGTHS (.0625 INCREMENTS) MAY BE DESIGNATED BY ADDING "-5" TO SECOND DASH NUMBER.
ADD "N" TO END OF PART NUMBER FOR ZINC-NICKEL PLATED PIN.
ADD "P" TO END OF PART NUMBER FOR CADMIUM PLATED PIN.

EXAMPLE OF PART NUMBER:

NAS607-2-3 = PIN, STRAIGHT, HEADLESS, DOWEL, .125 DIAMETER, .375 LONG, UNPLATED.
NAS607-3-8N = PIN, STRAIGHT, HEADLESS, DOWEL, .188 DIAMETER, 1.000 LONG, ZINC-NICKEL PLATED.
NAS607-3-9P = PIN, STRAIGHT, HEADLESS, DOWEL, .188 DIAMETER, 1.125 LONG, CADMIUM PLATED.
NAS607-3-4-5P = PIN, STRAIGHT, HEADLESS, DOWEL, .188 DIAMETER, .562 LONG, CADMIUM PLATED.

NOTES:

- (1) UNLESS OTHERWISE SPECIFIED, SURFACE ROUGHNESS 125 MICROINCHES Ra PER ASME B46.1.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (4) REMOVE ALL BURRS AND SHARP EDGES.
- (5) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (7) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

TABLE II – PIN LENGTH

PIN DIA	PIN LENGTH									
	.250	.375	.500	.625	.750	.875	1.000	1.250	1.500	1.750
.062	-1-2	-1-3	-1-4	-1-5	-1-6					
.125		-2-3	-2-4	-2-5	-2-6	-2-7	-2-8	-2-10	-2-12	-2-14
.188			-3-4	-3-5	-3-6	-3-7	-3-8	-3-10	-3-12	-3-14
.250			-4-4	-4-5	-4-6	-4-7	-4-8	-4-10	-4-12	-4-14
.312			-5-4	-5-5	-5-6	-5-7	-5-8	-5-10	-5-12	-5-14
.375			-6-4	-6-5	-6-6	-6-7	-6-8	-6-10	-6-12	-6-14
.438							-7-8	-7-10	-7-12	-7-14
.500					-8-6		-8-8	-8-10	-8-12	-8-14
.625							-10-8	-10-10	-10-12	-10-14
.750										
.875										
1.000										

REVISION

7

NAS607
SHEET 2



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Full document details: AIA NAS607 2014