

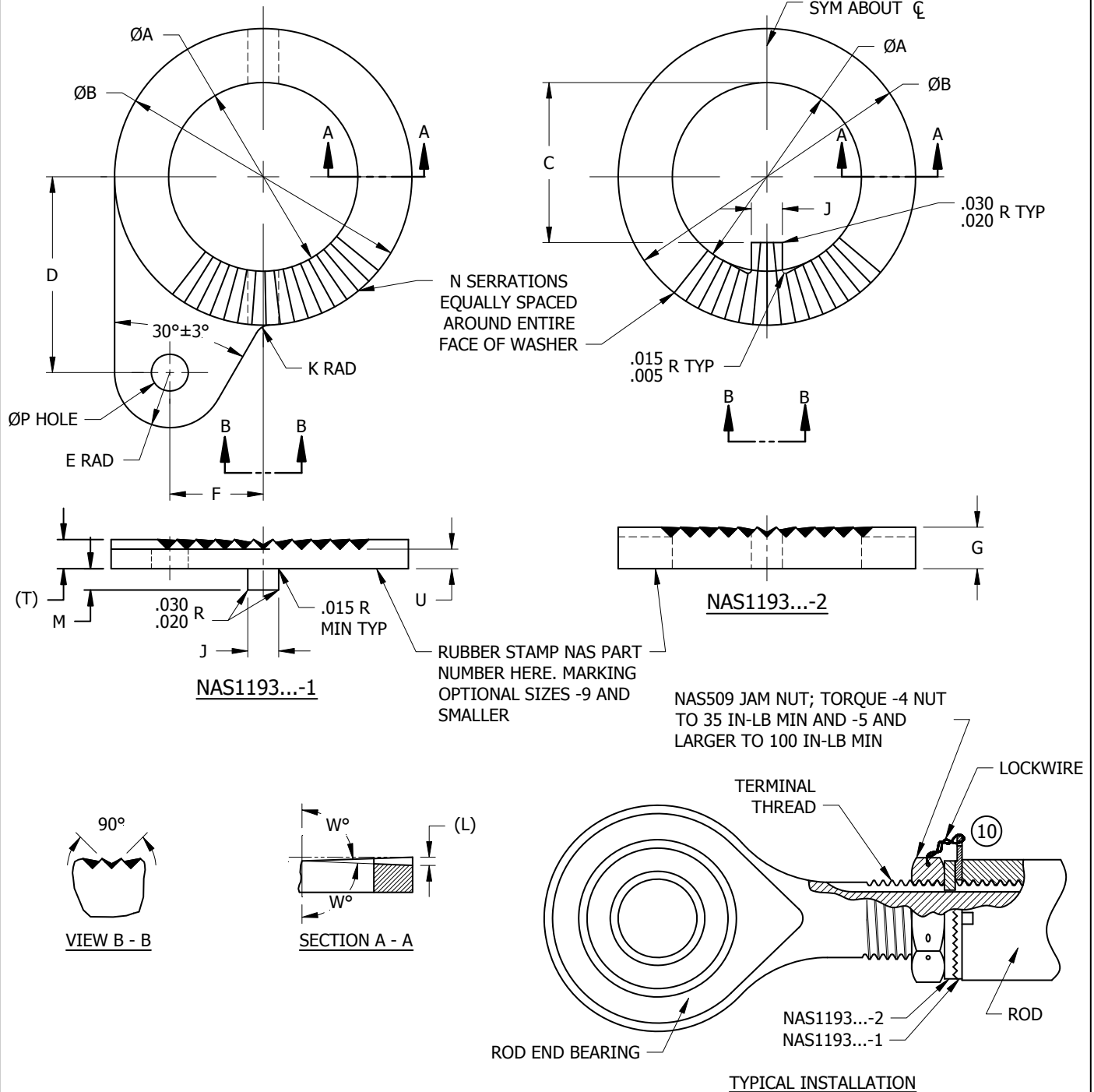
FED. SUPPLY CLASS

5340

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.

FORM 09-01



REVISION DATE: MARCH 31, 2014

ISSUE DATE: SEPTEMBER 1958

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 10
PROCUREMENT SPECIFICATION NONE	TITLE LOCKING DEVICE, POSITIVE INDEX	CLASSIFICATION PART STANDARD NAS1193 SHEET 1 OF 4

TABLE I – DIMENSIONS ⁽¹⁰⁾

FIRST DASH NO.	TERMINAL THREAD SIZE REF	ØA	ØB +.02 -.00	C	D	E RAD	F	G ±.005	J ±.005	K RAD	(L)	M ±.005	N NUMBER OF SERRATIONS	ØP	(T)	U ±.005	W° ±30'
4	.2500-28	.260±.005	.44	.211	+.000 -.005	.330	.093	.127	.070	.052	.026	.019	.036	.062	.043	.022	87°30'
5	.3125-24	.323±.005	.50	.270		.330	.093	.157	.070	.052	.026	.018	.036	.062	.043	.023	87°51'
6	.3750-24	.385±.005	.56	.321		.335	.093	.187	.070	.082	.041	.021	.036	.062	.043	.022	87°51'
7	.4375-20	.448±.005	.63	.380		.360	.093	.222	.080	.082	.041	.020	.049	.062	.043	.023	88°12'
8	.5000-20	.510±.005	.75	.446		.440	.093	.282	.080	.082	.041	.024	.049	.062	.055	.031	88°12'
9	.5625-18	.575±.008	.88	.488	+.000 -.010	.510	.093	.347	.090	.114	.057	.025	.057	.071	.055	.031	89°50'
10	.6250-18	.638±.008	1.00	.551		.580	.106	.394	.090	.114	.057	.028	.057	.071	.062	.034	89°50'
12	.7500-16	.763±.008	1.12	.678		.604	.106	.454	.100	.114	.057	.028	.057	.071	.062	.034	89°51'
14	.8750-14	.888±.008	1.31	.792		.698	.120	.535	.100	.142	.071	.029	.066	.080	.062	.033	89°53'
A16	1.0000-14	1.015±.010	1.50	.915		.715	.135	.615	.100	.142	.071	.033	.074	.090	.078	.044	89°53'
16	1.0000-12	1.015±.010	1.50	.915	+.000 -.015	.715	.135	.615	.100	.142	.071	.028	.074	.090	.072	.044	89°54'
18	1.1250-12	1.140±.010	1.62	1.030		.836	.135	.675	.100	.174	.087	.030	.074	.090	.078	.048	89°54'
20	1.2500-12	1.265±.010	1.75	1.156		.942	.168	.707	.100	.174	.087	.033	.096	.112	.081	.048	89°54'
22	1.3750-12	1.390±.010	1.88	1.256		.982	.168	.772	.100	.236	.118	.035	.096	.112	.081	.043	89°54'
24	1.5000-12	1.515±.010	2.00	1.381		1.026	.168	.832	.100	.236	.118	.038	.096	.112	.081	.043	89°54'
26	1.6250-12	1.640±.010	2.12	1.502	+.000 -.020	1.080	.175	.888	.100	.236	.118	.040	.109	.125	.083	.043	89°54'
28	1.7500-12	1.765±.010	2.25	1.615		1.130	.175	.950	.100	.298	.149	.042	.109	.125	.085	.043	89°54'
30	1.8750-12	1.890±.010	2.38	1.740		1.165	.175	1.013	.100	.298	.149	.045	.109	.125	.088	.043	89°54'
32	2.0000-12	2.015±.010	2.63	1.865		1.255	.175	1.138	.100	.298	.149	.049	.109	.125	.092	.043	89°54'
34	2.1250-12	2.140±.010	2.75	1.980		1.293	.175	1.200	.100	.298	.149	.051	.109	.125	.094	.043	89°54'
36	2.2500-12	2.265±.010	2.88	2.105		1.328	.175	1.263	.100	.298	.149	.054	.109	.125	.097	.043	89°54'

MATERIAL:

/8/ NO CODE: — STEEL INVESTMENT CASTING TYPE 410 PER SPECIFICATION AMS5350 EXCEPT FOR HEAT TREAT. FOR USE UP TO 450°F.

"K" CODE – 17-4PH CORROSION RESISTANT STEEL INVESTMENT CASTING, 180-200 KSI. HEAT TREAT PER AMS5355. FOR USE UP TO 800°F.

"E" CODE – 17-4PH CORROSION RESISTANT STEEL INVESTMENT CASTING, 150-170 KSI. HEAT TREAT PER AMS5343. FOR USE UP TO 800°F.

HEAT TREATMENT:

/8/ NO CODE: TYPE 410 MATERIAL, 180,000-200,000 PSI PER AMS-H 6875

"K" CODE – 17-4PH CRES - 180-200 KSI PER AMS5355 EXCEPT HARDNESS NOT TO EXCEED ROCKWELL C44 MAX.

"E" CODE – 17-4PH CRES - 150-170 KSI PER AMS5343 EXCEPT HARDNESS NOT TO EXCEED ROCKWELL C40 MAX.

FINISH:

/8/ TYPE 410 MATERIAL, CADMIUM PLATE PER AMS-QQ-P-416 TYPE II, CLASS 2, PARTS WITH CLASS 3 PLATING MAY BE FURNISHED UNTIL _____.

17-4PH CRES: NO CODE - NONE

"P" CODE - CADMIUM PLATE PER AMS-QQ-P-416 TYPE II, CLASS 2

REVISION

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NAS1193

SHEET 2

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