

FED. SUPPLY CLASS

3110

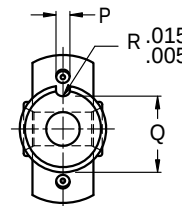
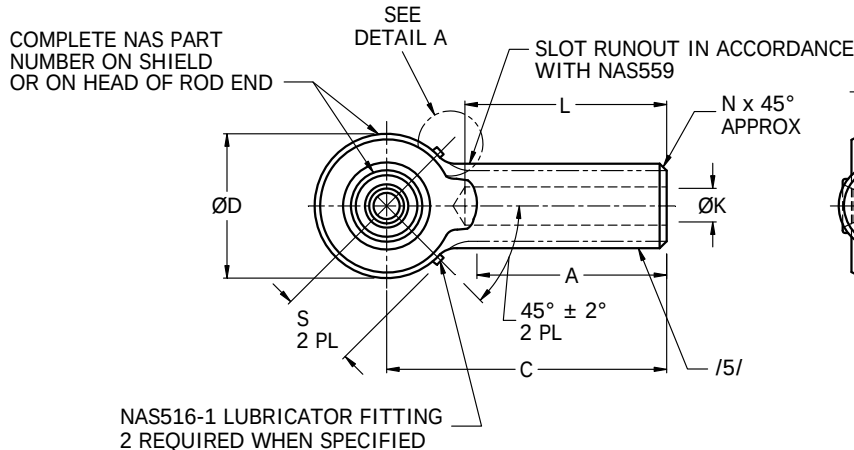
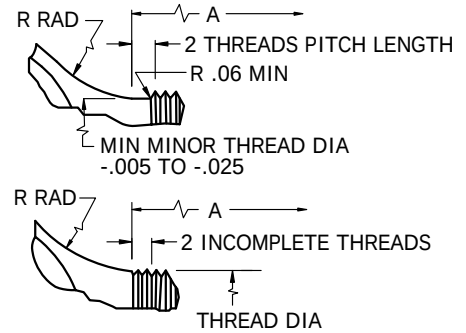
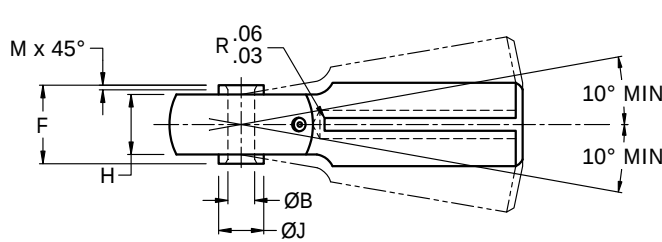


TABLE I – DIMENSIONS

PART NO.	ØB +.0005 -.0000	ROLLED THREAD T CLASS 3A /2/	A ±.010	C ±.010	ØD MAX	F +.000 -.005	H MAX	ØJ APPROX	ØK ±.010	L ±.10	M +.015 -.000	N ±.010	P +.005 -.000	Q +.000 -.005	S MAX	R RAD APPROX	STATIC LIMIT LOAD	
																	RADIAL	AXIAL
NAS659-3-5	.1895	.3125-24	1.375	1.938	.791	.562	.448	.312	—	—	.005	.040	.062	.260	.50	.39	1000	200
NAS659-4-7	.2495	.4375-20	1.625	2.250	.948	.687	.541	.365	—	—	.005	.050	.093	.370	.56	.44	1720	340
NAS659R4-9	.2495	.5625-18	1.875	2.563	1.073	.625	.479	.404	—	—	.005	.055	.125	.478	.63	.44	3025	605
NAS659R5-12	.3120	.7500-16	2.219	3.125	1.448	.812	.666	.515	.250	2.31	.015	.060	.125	.663	.84	.50	7350	1470
NAS659R6-14	.3745	.8750-14	2.438	3.563	1.760	.937	.760	.564	.375	2.56	.015	.060	.156	.777	.97	.62	9600	1920

MATERIAL:

STEEL – IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

FINISH:

CADMIUM PLATE – IN ACCORDANCE WITH PROCUREMENT SPECIFICATION

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	
NAS661	

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	BEARING, ROD END, EXTERNAL THREAD, SELF-ALIGNING, ANTI-FRICTION

REVISION	4
CLASSIFICATION PART STANDARD	
NAS659	
SHEET 1 OF 3	

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

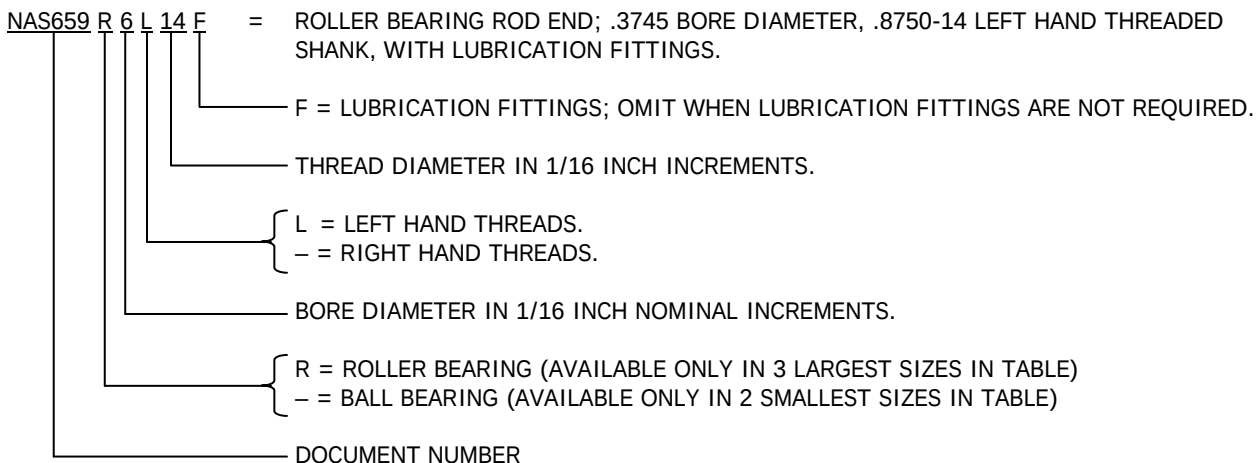
THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 12-01

REVISION DATE: SEPTEMBER 19, 2014

ISSUE DATE: MARCH 1957

EXAMPLE OF PART NUMBER:



NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- /2/ THREADS MAY BE PER MIL-S-7742 OR MIL-S-8879 UNTIL 1 JULY, 1972 AFTER WHICH ONLY THREADS PER AS8879 WILL BE ACCEPTABLE. PARTS IN STOCK (MANUFACTURER, DISTRIBUTOR OR USER) WITH MIL-S-7742 THREADS MANUFACTURED PRIOR TO THE TERMINATION DATE MAY BE USED UNTIL THE SUPPLY IS DEPLETED.
- (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- ④ (4) 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.
- /5/ ROLLED THREAD "T", LENGTH "A" IN ACCORDANCE WITH MIL-S-7742 OR AS8879 /2/. THREADS AND HOLE DIAMETER "ØK" SHALL BE CONCENTRIC WITH AXIS OF SHANK WITHIN .005 (.010 FULL INDICATOR MOVEMENT).
- (6) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

REVISION

4

NAS659
SHEET 2



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