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AS21221

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FEDERAL SUPPLY CLASS
3110

NOTICE

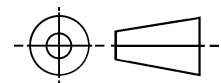
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THIRD ANGLE PROJECTION



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AEROSPACE STANDARD

BEARING, ROLLER, ROD END, EXTERNAL THREAD,
SELF-ALIGNING, ANTI-FRICTION, AIRFRAME, HEAVY DUTY,
TYPE I, -67° TO 350°F, SEALED

AS21221
SHEET 1 OF 3

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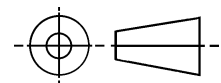
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SHEET 1 OF 3

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-B-8952.

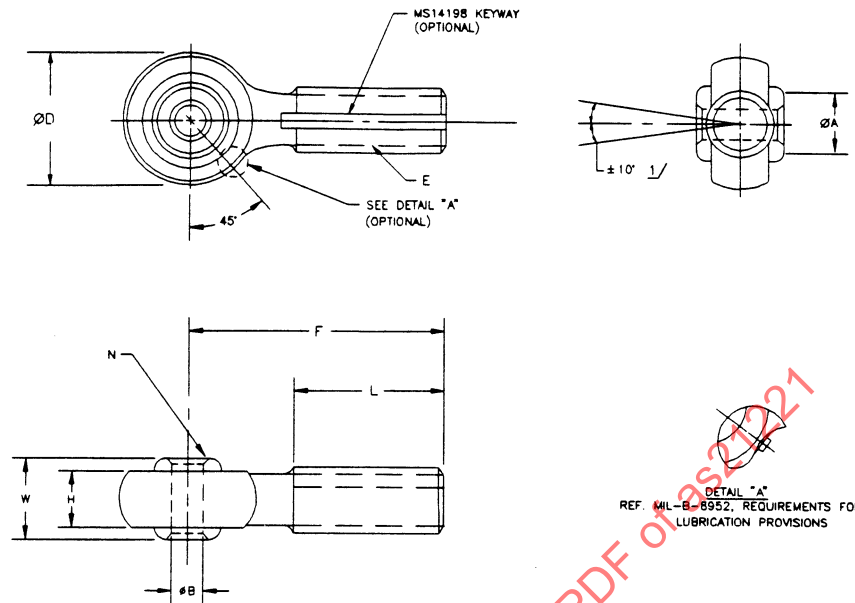


TABLE I. DIMENSIONS AND LOADS

MS DASH NO.	ØA ±.005	ØB +.0000 -.0005	ØD +.000 -.050	E UNJF-3A THREAD	F ±.015	H +.000 -.015	L +.060 -.000	N CORNER CHAMFER ±.005	W +.000 -.005	LIMIT LOAD RATING LBS		RADIAL DYNAMIC LOAD RATING LBS	NET WT LBS
										RADIAL	AXIAL		
-4G	.420	.2500	1.080	.375-24	.840	.360	1.000	.015	.500	2730	270	2270	.11
-5G	.560	.3125	1.410	.500-20	2.410	.460	1.310		.687	4970	490	4120	.27
-6G	.660	.3750	1.660	.625-18	3.030	.550	1.750		.812	7910	790	6570	.47
-8G	.860	.5000	2.270	.875-14	4.030	.720	2.310		1.062	14000	1400	11700	1.13
-10G	1.050	.6250	2.800	1.000-12	4.660	.850	2.560		1.250	22100	2210	18400	1.94

1/ THESE BEARINGS ARE SELF-ALIGNING FOR 10° IN EITHER DIRECTION.

REQUIREMENTS

- MATERIAL: INNER RING AND ROLLERS: STEEL, E52100 PER FED-STD-66.
OUTER RING ROD END: STEEL, AISI-SAE 4620 PER AMS 6294 OR AISI-SAE 8620H PER AMS 6274 OR COMPOSITION III (9310) PER MIL-S-7393 OR E52100 PER FED-STD-66.
- LUBRICANT: MIL-G-81322 OR MIL-G-23827. ALL BEARINGS SHALL BE PACKED WITH GREASE CONFORMING TO MIL-G-81322 UNLESS OTHERWISE SPECIFIED. ALL BEARINGS SHALL BE FILLED 80% MINIMUM WITH GREASE. IF MIL-G-23827 IS REQUIRED, ADD THE LETTER "H" AFTER THE MS21221 DASH NUMBER. IF A LUBRICATION FITTING IS NOT DESIRED, DELETE THE CODE "G" AFTER THE MS21221 DASH NUMBER. MIL-G-23827 SHALL NOT BE USED FOR OPERATION WHERE TEMPERATURES EXCEED 250°F.

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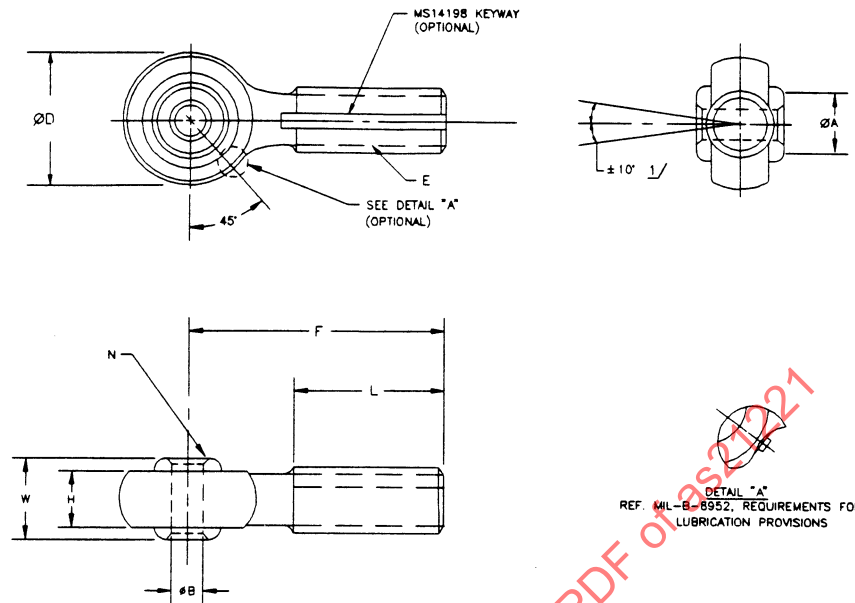


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