

REV.  
A

AS21220

NOTE

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS REGARDING ITS USE.

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: AS8952.

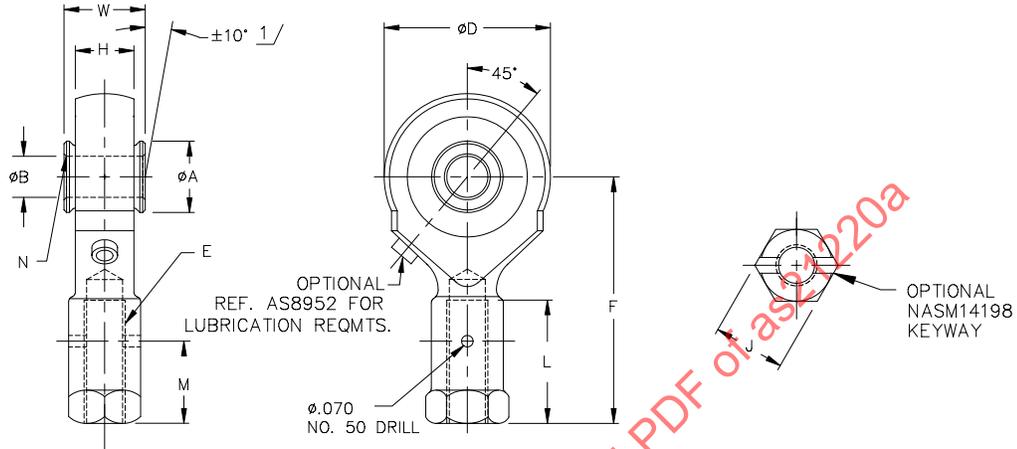


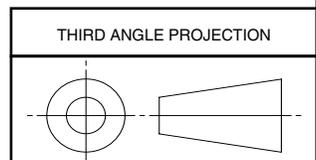
TABLE I. DIMENSIONS AND LOADS

MS DASH NO.	ØA ±.005	ØB +.0000 -0.0005	ØD +.000 -0.050	E UNJF-3B THREAD	F ±.015	H +.000 -0.015	J HEX FLATS ±.015	L ±.020	M ±.030	N ±.005	W +.000 -0.005	LIMIT LOAD RATING (LBS)		RADIAL DYNAMIC LOAD RATING (LBS)	NET WT (LBS)
												RADIAL	AXIAL		
-4G	.420	.2500	1.080	.375-24	1.660	.360	.500	1.000	.562	.015	.500	2,730	270	2,270	.11
-5G	.560	.3125	1.410	.500-20	2.340	.460	.690	1.310	.750		.687	4,970	490	4,120	.27
-6G	.660	.3750	1.660	.625-18	3.090	.550	.880	1.750	.938		.812	7,910	790	6,570	.53

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

REQUIREMENTS

- MATERIAL:** INNER RING AND ROLLERS: STEEL, E52100 PER AMS 6440. OUTER RING ROD END: STEEL, AISI/SAE 4620 PER AMS 6294 OR AISI/SAE 8620H PER AMS 6274 OR COMPOSITION III (9310) PER AMS 6260 OR E52100 PER AMS 6440.
- LUBRICANT:** MIL-PRF-81322 OR MIL-PRF-23827. ALL BEARINGS SHALL BE PACKED WITH GREASE CONFORMING TO MIL-PRF-81322 UNLESS OTHERWISE SPECIFIED. ALL BEARINGS SHALL BE FILLED 80% MINIMUM WITH GREASE. IF MIL-PRF-23827 IS REQUIRED, ADD THE LETTER "H" AFTER THE MS21220 DASH NUMBER. IF A LUBRICATION FITTING IS NOT DESIRED, DELETE THE CODE "G" AFTER THE MS21220 DASH NUMBER. MIL-PRF-23827 SHALL NOT BE USED FOR OPERATION WHERE TEMPERATURES EXCEED 250°F.



CUSTODIAN: SAE ACBG



**AEROSPACE STANDARD**  
(R) BEARING, ROLLER, ROD END, INTERNAL THREAD, SELF-ALIGNING, ANTI-FRICTION, AIRFRAME, HEAVY DUTY, TYPE II, -67° TO 350°F, SEALED

**AS21220**  
SHEET 1 OF 2

**REV. A**

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