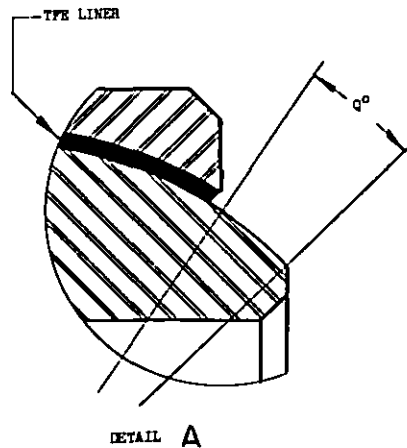
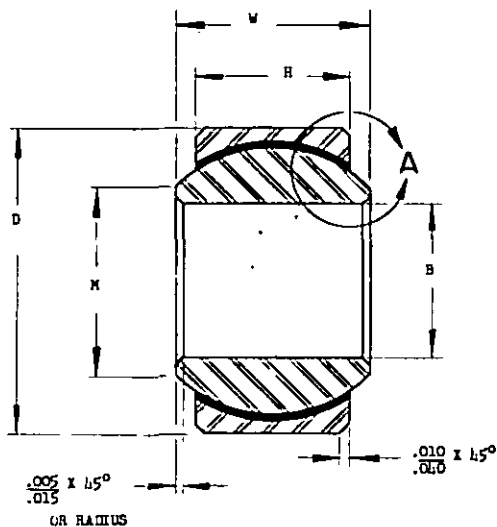


FED. SUP CLASS
3120

DASH NO	B +.0000 -.0005	D +.0000 -.0005	H +.0005	M MIN	Q MIN	W +.000 -.002	STATIC LIMIT LOAD		OSCILLATING LOAD LB	NO LOAD BREAKAWAY TORQUE IN. LB	WT LB MAX
							RADIAL LB	AXIAL LB			
3	.1900	.6250	.327	.300	15	.437	.9000	1770	3770	-5-5	.031
4	.2500	.6875	.317	.360	14	.437	.9100	1640	4650	1-5	.035
5	.3125	.8125	.406	.466	8	.500	13700	2630	6190		.060
6	.3750	.9375	.442	.537	10	.562	20700	3650	9390		.080
8	.5000	1.0000	.505	.607	9	.625	27500	4970	12150		.100
9	.5625	1.1250	.536	.721	10	.687	34400	5370	14900		.135
10	.6250	1.1875	.567	.747	12	.750	39000	6130	16700		.160
12	.7500	1.3750	.630	.845	13	.875	52300	7730	22100		.260
14	.8750	1.6250	.755	.995	6	.875	67300	10800	28200		.350
16	1.0000	2.1250	1.005	1.269	12	1.375	137000	19300	53700	2-8	.970

MATERIAL: BALL 440C AMS 5630.

OUTER RING AMS 5643 (17-4PH), AMS 5528 (17-7PH), AISI 410.

LINER - SEE PROCUREMENT SPECIFICATION.

FINISH: SURFACE FINISH BALL DIA RHR 8 MAX; BORE, BALL FACE, AND OUTER RACE DIA RHR 32 MAX; ALL OTHERS RHR 125 MAX.

HARDNESS: BALL 55-62 Rc OUTER RING Rc 23 MIN Rc 35 MAX.

NOTES: DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$ ANGLES $\pm 1/2^\circ$
BREAK SHARP EDGES AND CORNERS AND REMOVE ALL BURRS AND SLIVERS UNLESS NOTED.

DASH NUMBER DESIGNATES NOMINAL BORE DIAMETER IN SIXTEENTHS OF AN INCH.

EXAMPLE OF PART NO. MS21231-7 = 7/16 BORE

WHEN TESTED IN DE-ICING FLUID THE OSCILLATING LOAD SHALL BE DECREASED TO 80%.

FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. Navy -45	TITLE	MILITARY STANDARD
Other Cost USAF - 11	BEARING, PLAIN, SELF-ALIGNING, TFE LINED, WIDE	MS21231(ASG)
PROCUREMENT SPECIFICATION MIL-B-8942	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U.S. GOVERNMENT PRINTING OFFICE: 1971-261-104/701

This military standard is approved by the Department of the Air Force and the Naval Air Systems Command and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

Review activities:
Navy -45
USAF - 11, 84APPROVED 26 Mar 64
REVISED 15 Nov 65
3 Aug 67