

REV.
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AS21151

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
3110

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SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

BEARING, BALL, ROD END, DOUBLE ROW,
PRECISION, EXTERNAL THREAD, SELF-ALIGNING,
AIRFRAME, TYPE II, -65° TO 300°F

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SHEET 1 OF 3

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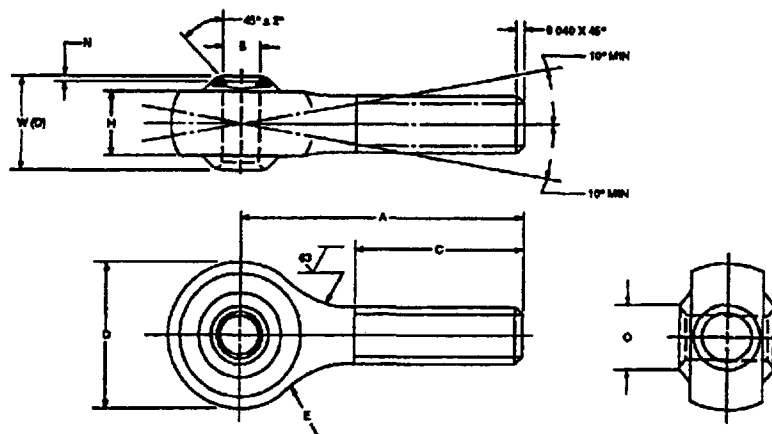
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DASH NUMBER	BORE SIZE NOM.	A ±0.010	B ±0.0000 -0.0003 DIA.	C ±0.031	D ±0.010	E NOM. RAD.	H ±0.010	N +0.015 -0.000 (a)	O MIN. DIA.	T THREAD UNJF-3A (b)	W +0.000 -0.005 (d)	WGT LBS. APPROX.
-1	NO 10	1.375	0.1900	0.750	0.781	0.422	0.328	0.005	0.276	0.1900-32LH	0.437	0.04
-2		2.031		1.313	0.969	0.500	0.407		0.299	0.1900-32RH	0.500	0.05
-3		1.375		0.750	0.781	0.390	0.328		0.276	0.3750-24RH	0.437	
-4		1.812		0.938		0.562	0.438		0.307	0.3750-24LH	0.500	
-5		1.563		1.000		0.344	0.328		0.276	0.2500-28RH	0.437	0.05
-6	1/4	1.875	0.2500	1.125	0.938	0.469	0.438	0.005	0.340	0.3750-24RH	0.593	0.10
-7		2.438		1.563	1.250	0.500	0.656		0.501	0.3750-24LH	0.870	0.24
-8		2.750		1.500	2.000	0.500	0.938		0.875	0.625 -18RH	1.125	0.71
-9	5/16	2.438	0.3125	1.563	1.250	0.500	0.656	0.015	0.501	0.3750-24RH	0.870	0.24
-10		2.750		1.500	2.000	0.500	0.938		0.875	0.625 -18RH	1.125	0.71
-11		2.438		1.563	1.250	0.500	0.656		0.501	0.3750-24RH	0.870	0.24
-12		2.750		1.500	2.000	0.500	0.938		0.875	0.625 -18RH	1.125	0.71
-13	5/8	2.750	0.6250	1.500	2.000	0.500	0.938	0.015	0.875	0.625 -18RH	1.125	0.71

ENGINEERING DATA							
DASH NUMBER	RADIAL STRENGTH		AXIAL STRENGTH		RADIAL LOAD RATING 10,000 COMPLETE 90° CYCLES (e) (f)		MAXIMUM STARTING TORQUE
	LIMIT LOAD LBS.	FRACTURE LOAD LBS.	LIMIT LOAD LBS.	FRACTURE LOAD LBS.	CASE I	CASE II	IN-OZ
-1	1000	1500	200	300	1000	1000	1
-2	1200	1800	240	360	1200	1200	
-3	1000	1500	200	300	1000	1000	
-4	1720	2580	345	520	1720	1720	
-5	2920	4375	585	880	2920	2600	
-6	7090	10,600	1420	2130	6160	5340	8