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FEDERAL SUPPLY CLASS 3110

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PREPARED BY AIRFRAME CONTROL BEARINGS GROUP

PROCUREMENT SPECIFICATION: MIL-B-6039

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, INTERNAL THREAD, SELF-ALIGNING, AIRFRAME, TYPE IV, -65° TO 300°F

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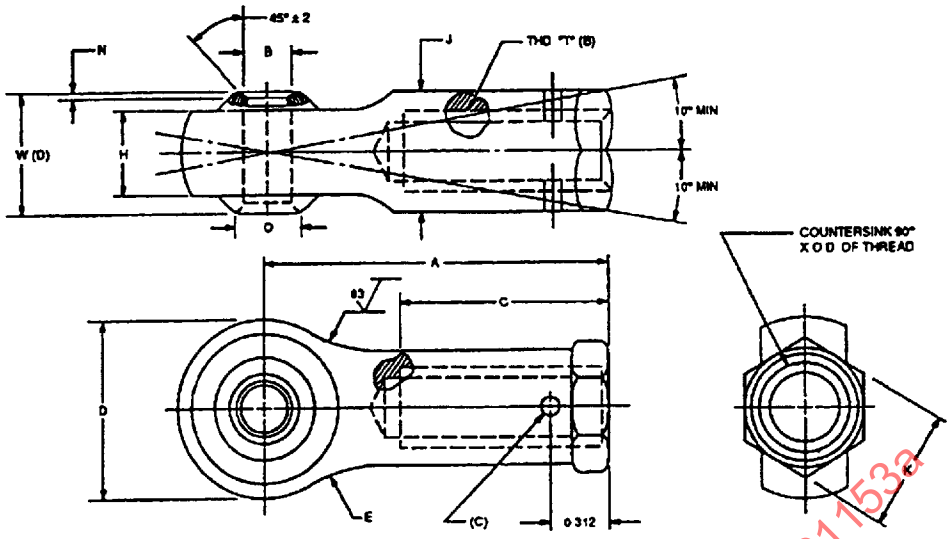

DASH NUMBER	BORE SIZE NOM	A ±0.010	B ±0.0000 −0.0003 DIA.	C ±0.031	D DIA. ±0.010	E NOM. RAD.	H ±0.010	J DIA. ±0.010	K BEAD OR HEX DIA. ±0.010	N +0.015 −0.000 (a)	O MIN. DIA.	T THREAD (b) UNJF-3B	W +0.000 −0.005 (d)	WGT LBS. APPROX.
-1	NO 10	1.375	0.1900	0.750	0.781	0.390	0.328	0.375	BEAD 0.438	0.005	0.276	0.2500-28RH	0.437	0.05
-2								0.438	HEX 0.438			0.3125-24RH		0.06
-3								0.375	BEAD 0.438			0.2500-28RH	0.500	
-4												0.2500-28LH		
-5												0.2500-28LH	0.437	0.05
-6	1/4	1.469	0.2500		0.938	0.468	0.438	0.438	HEX 0.438		0.340	0.3125-24RH	0.593	0.07
-7												0.3125-24LH		
-8		1.875		1.125				0.625	HEX OR STRAIGHT			0.4375-20RH		0.18
-9												0.4375-20LH		
-10	5/16		0.3125	1.000	1.250	0.500	0.656	0.438		0.015	0.501	0.3125-24RH	0.870	0.10
-11												0.3125-24LH		

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							
-3							
-4							
-5							
-6	1720	2580	345	520	1720	1720	1
-7							
-8							
-9							
-10	2920	4375	585	880	2920	2600	6
-11							