

**MATERIAL :** NUT---7075 ALUMINUM ALLOY, T73 CONDITION.  
 WASHER---17-4PH STAINLESS STEEL PER AMS 5643.  
 AGED TO H-1025 CONDITION.

**FINISH :** BH01332-(\*) = NUT---ANODIZED PER MIL-A-8625, TYPE II, CLASS 2 AND CETYL ALCOHOL LUBRICANT. IDENTIFY WITH COPPER DYE FOR -08 SIZE ONLY AND DARK BLUE FOR LARGER SIZES.  
 WASHER---CADMIUM PLATED PER FED. SPEC QQ-P-416, TYPE II, CLASS 3.

BH01332-(\*)M = NUT---ANODIZED PER MIL-A-8625, TYPE II, CLASS 2 AND CETYL ALCOHOL LUBRICANT. IDENTIFY WITH COPPER DYE FOR -08 SIZE ONLY AND DARK BLUE FOR LARGER SIZES.  
 WASHER---BRISLUBE MOLYBDENUM DISULFIDE DRY FILM LUBRICANT COATED PER MIL-L-46010.

BH01332-(\*)CM = NUT---ANODIZED PER MIL-A-8625, TYPE II, CLASS 2 AND BRISLUBE MOLYBDENUM DISULFIDE DRY FILM LUBRICANT COATED PER MIL-L-46010.  
 WASHER---CADMIUM PLATED PER FED. SPEC. QQ-P-416, TYPE II, CLASS 3.

BH01332-(\*)DL = NUT---ANODIZED PER MIL-A-8625, TYPE II, CLASS 2 AND BRISLUBE MOLYBDENUM DISULFIDE DRY FILM LUBRICANT COATED PER MIL-L-46010.  
 WASHER---BRISLUBE MOLYBDENUM DISULFIDE DRY FILM LUBRICANT COATED PER MIL-L-46010.

**PERFORMANCE :** MIL-N-25027, EXCEPT AS FOLLOWS:  
 A) AXIAL TENSILE STRENGTH AS TABULATED.  
 B) FIVE (5) CYCLES REUSABILITY.

**MISALIGNMENT :** UP TO 7° MAXIMUM FROM CENTERED POSITION. FOR USE ON STANDARD TO .032 , OVERSIZE SHANK BOLTS.

**NOTE :** 1. PARTS ARE SUPPLIED IN THE ASSEMBLED CONDITION.  
 2. SPECIAL 8 SPLINE WRENCH CONFIG. USED ONLY WITH A MATING BRISTOL SOCKET TOOL.

**TOLERANCES:** UNLESS OTHERWISE SPECIFIED: DECIMALS ± .015 ANGLES ± 2° VENDOR CODE IDENT NO. 27238

**BRISTOL INDUSTRIES 630 EAST LAMBERT RD. BREA, CALIFORNIA 92621 (714) 990-4121**

TITLE

NUT - 8 SPLINE, SELF-ALIGNING,  
 ALUMINUM ALLOY, ASSEMBLY

DRAWING NUMBER

BH01332

Sht. 1 OF 2

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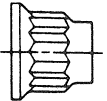
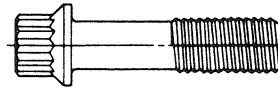
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EPN

REVISED

APPROVAL DATE 3-6-97 *cm*



BRISTOL PART NUMBER	THREADS PER MIL-S-8879	A MIN	B REF	D		H		L		M		
				MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
BH01332	-08	.1640-32UNJC-3B	.285	.235	.202	.198	.225	.210	.335	.325	.122	.102
	-3	.1900-32UNJF-3B	.315	.281	.228	.224	.233	.218	.365	.355	.122	.102
	-4	.2500-28UNJF-3B	.415	.339	.288	.284	.303	.288	.475	.465	.127	.107
	-5	.3125-24UNJF-3B	.530	.423	.350	.346	.385	.370	.620	.610	.137	.117
	-6	.3750-24UNJF-3B	.640	.498	.413	.409	.420	.405	.685	.675	.137	.117
	-7	.4375-20UNJF-3B	.735	.575	.476	.472	.490	.475	.805	.795	.152	.132
	-8	.5000-20UNJF-3B	.850	.654	.538	.534	.523	.508	.915	.905	.152	.132
	-9	.5625-18UNJF-3B	.870	.720	.601	.597	.580	.565	1.105	1.095	.160	.140
	-10	.6250-18UNJF-3B	1.000	.805	.663	.659	.625	.610	1.185	1.175	.160	.140

BRISTOL PART NUMBER	R REF	V		X REF	SPLINE SIZE NO.	REC'M WRENCH TORQUE IN-LBS MIN	AXIAL TENSILE STRENGTH LBS MIN	APPROX. WEIGHT LB/100	
		MAX	MIN						
BH01332	-08	.180	.095	.085	.282	-7	22-32	1,530	.20
	-3	.203	.105	.095	.282	-8	32-42	1,950	.20
	-4	.250	.135	.125	.342	-10	75-90	3,200	.43
	-5	.313	.145	.135	.450	-12	140-170	5,200	.94
	-6	.375	.160	.150	.498	-14	220-260	7,200	1.27
	-7	.438	.210	.200	.565	-18	310-370	10,000	2.16
	-8	.500	.235	.225	.645	-20	410-470	13,500	3.11
	-9	.562	.270	.260	.700	-22	500-575	15,200	3.65
	-10	.642	.310	.300	.750	-24	625-700	19,000	---

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