

DASH No	THREADS PER AS8879	MS33787 ELEMENT No	A MAX	B MIN	ID		H MAX	V MIN	J MIN
					MAX	MIN			
-4	.2500-28UNJF-3B	10	.444	.414	.280	.250	.290	.033	.110
-5	.3125-24UNJF-3B	12	.547	.517	.342	.312	.363	.038	.138
-6	.3750-24UNJF-3B	14	.654	.614	.405	.375	.438	.045	.165
-7	.4375-20UNJF-3B	18	.753	.713	.473	.438	.506	.053	.193
-8	.5000-20UNJF-3B	20	.863	.823	.535	.500	.549	.060	.220
-9	.5625-18UNJF-3B	22	.938	.898	.597	.562	.600	.068	.248
-10	.6250-18UNJF-3B	24	1.050	1.010	.660	.625	.650	.075	.275
-12	.7500-16UNJF-3B	30	1.230	1.190	.785	.750	.750	.090	.330
-14	.8750-14UNJF-3B	34	1.438	1.398	.910	.875	.875	.105	.385
-16	1.0000-12UNJF-3B	38	1.625	1.575	1.035	1.000	1.000	.120	.440

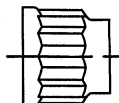
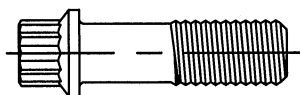
DASH No	THREADS PER AS8879	MS33787 ELEMENT No	X MIN	ULTIMATE AXIAL STRENGTH LBS MIN	SEATING TORQUE IN-LBS	APPROX WEIGHT LBS/100
-4	.2500-28UNJF-3B	10	.003	7,270	110	.57
-5	.3125-24UNJF-3B	12	.004	11,500	210	.96
-6	.3750-24UNJF-3B	14	.004	17,100	380	1.63
-7	.4375-20UNJF-3B	18	.005	23,200	600	2.42
-8	.5000-20UNJF-3B	20	.005	30,900	910	3.28
-9	.5625-18UNJF-3B	22	.005	39,200	1300	4.13
-10	.6250-18UNJF-3B	24	.006	49,100	1800	6.26
-12	.7500-16UNJF-3B	30	.007	71,000	3200	9.35
-14	.8750-14UNJF-3B	34	.008	97,100	5000	14.00
-16	1.0000-12UNJF-3B	38	.009	126,000	7500	19.52

TOLERANCE: UNLESS OTHERWISE SPECIFIED: DECIMAL ±.015 ANGLES 2° VENDOR CODE IDENT No. 27238

BRISTOL INDUSTRIES 630 EAST LAMBERT RD. BREA, CALIFORNIA 92821 (714) 990-4121

TITLE
**SPLINE-NUT, ALLOY STEEL,
 SELF-LOCKING, 180 KSI, 450°F**

PART NO.
BH14156



MATERIAL: ALLOY STEEL PER AMS6304, AMS6485 & AMS6487.

HARDNESS: 48 HRC MAX.

FINISH: CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2.

LUBRICANT: LUBRICANTS SHALL BE SOLUBLE IN THE CLEANER SPECIFIED
IN PROCUREMENT SPECIFICATION NASM8985.

PAINT: AFTER BAKE, PAINT THE AREA ABOVE WRENCHING ELEMENT WITH
No. 17875 WHITE PER TT-E-489.

PERFORMANCE: NASM8985, EXCEPT FOR:

- a) THREADS AND BEARING SURFACES SHALL BE LUBRICATED WITH MIL-T-5544
COMPOUND FOR WRENCH TORQUE, TORQUE EFFECTIVITY, LOCKING TORQUE,
PERMANENT SET, ACCELERATED VIBRATION, STRESS DURABILITY & STRESS CORROSION.
- b) SEATING TORQUE FOR TORQUE EFFECTIVITY TEST AS TABULATED.
- c) MINIMUM BREAKAWAY 1st CYCLE TORQUE VALUES ARE NOT APPLICABLE.
USE MINIMUM BREAKAWAY TORQUE VALUES.
- d) FOR WRENCHING TORQUE BOLTS SHALL BE 220,000 P.S.I MINIMUM.

BRISTOL PART No.: BH14156-8 - .5000-20UNJF-3B, CADMIUM PLATED, SOLUBLE LUBRICANT.

NOTES:

- 1. SURFACE TEXTURE: BEARING SURFACE 125 MICROINCHES PER ANSI B46.1.

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