

PART SIZE	THREAD -T- UNJF-3B MIL-S-8879	A MAX.	B MIN.	D		H MAX.	S MIN.	V MIN.	X	SPLINE DASH NO.	AXIAL TENSILE STRENGTH LBS MIN	APPROX. WEIGHT LBS/100
				MAX.	MIN.							
-3	.1900-32	.377	.337	.220	.190	.250	.095	.025	.003	8	5,640	.30
-4	.2500-28	.481	.441	.280	.250	.315	.125	.033	.003	10	10,100	.59
-5	.3125-24	.588	.548	.342	.312	.405	.156	.041	.003	12	16,000	1.00
-6	.3750-24	.701	.661	.405	.375	.490	.186	.049	.003	16	24,700	1.90
-7	.4375-20	.821	.771	.473	.438	.570	.219	.057	.003	18	33,500	2.70
-8	.5000-20	.933	.883	.535	.500	.650	.250	.065	.003	20	44,600	4.40
-9	.5625-18	1.041	.991	.597	.562	.730	.281	.073	.004	24	56,600	6.20
-10	.6250-18	1.154	1.104	.660	.625	.810	.313	.081	.004	26	70,800	8.70
-12	.7500-16	1.375	1.325	.785	.750	.980	.375	.098	.004	30	103,000	14.00
-14	.8750-14	1.592	1.542	.910	.875	1.140	.436	.114	.005	36	140,000	23.00
-16	1.0000-12	1.810	1.760	1.035	1.000	1.300	.500	.130	.006	40	183,000	33.00

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 - SPLINE DRIVE, SELF-LOCKING, STEEL,  
260 KSI Ft<sub>u</sub>, 450°F

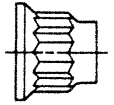
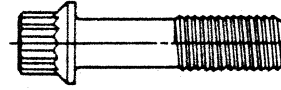
PART NUMBER  
BH21085  
Sht. 1 of 2

REVISED

12-19-88

GrG

APPROVAL DATE



MATERIAL : ALLOY STEEL PER AMS 6304, AMS 6485 AND AMS 6487.

HARDNESS : Rc. 48 MAX.

FINISH : BH21085-(\*)---CADMIUM PLATED PER QQ-P-416, TYPE II , CLASS 2 AND LUBRICANT SOLUBLE IN THE CLEANER SPECIFIED IN MIL-N-8984.  
BH21085L(\*)---CADMIUM PLATED PER QQ-P-416, TYPE II , CLASS 2 AND MOLYBDENUM DISULFIDE DRY FILM LUBRICANT COATED.

THREADS : MIL-S-8879 BEFORE DEFORMATION FOR LOCKING DEVICE AND APPLICATION OF LUBRICANT.

PERFORMANCE : MIL-N-8984, EXCEPT AXIAL TENSILE STRENGTH AS TABULATED, WHEN TESTED ON 260 KSI MINIMUM TENSILE RATED BOLTS.

- NOTES :
- 1. PART IS INTERCHANGEABLE WITH MILITARY STANDARD MS 21085
  - 2. BEARING SURFACE 125 MICROINCHES MAXIMUM.
  - 3. BEARING SURFACE SHALL BE NORMAL WITH PITCH DIAMETER OF THREAD WITHIN "X".

EXAMPLE OF PART NUMBERS :

BH21085-4 : .2500-28 NUT, CADMIUM PLATED, SOLUBLE LUBRICANT.  
BH21085L4 : .2500-28 NUT, CADMIUM PLATED, DRY FILM COATED.

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TITLE  
NUT - SPLINE DRIVE, SELF - LOCKING, STEEL,  
260 KSI Ft<sub>u</sub>, 450°F

PART NUMBER  
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Sht. 2 of 2