

STANDARD DRAWING

REQ. PER UNIT

USED ON

MODEL

ASS'Y. NO.

DATE

RAC

AIDD

NT146

A

DIMENSIONS

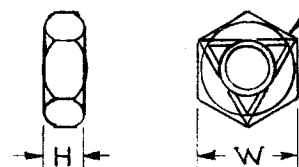
SEE NOTE 1

TMC PART NO.	MFRS PART NO.	PICTORIAL STYLE	THD SIZE UN-2B	W WIDTH	H HEIGHT	MATERIAL	FINISH	PREVAILING TORQUE IN-LB MAX	BREAKAWAY TORQUE IN-LB MIN
NT146-1	SPECIAL	A	1/4 -20	7/16	1/8	BRASS	NONE	12	4

1. TORQUE TEST

- A. SAMPLE NUT SHOULD BE ASSEMBLED WITH HAND TORQUE WRENCH ON UNDRILLED BOLT WITH CLASS 2A THDS AND SAME FINISH AS NUT.
- B. USE A NEW BOLT FOR EACH NUT.
- C. PREVAILING TORQUE: THE ON-TORQUE AT FIRST INSTALLATION, READ WITH NO LOAD ON TEST BOLT, WITH NUT IN MOTION, AND THE BOLT PROTRUDING THROUGH NUT BETWEEN TWO AND THREE THREADS.
- D. BREAKAWAY TORQUE: TORQUE REQUIRED TO START NUT IN MOTION TO REMOVE AFTER CHECKING PREVAILING TORQUE

3 TOP DEFLECTIONS FOR UNIFORM LOCKING TORQUE



STYLE A
DOUBLE CHAMFER

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL									
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK										
A	CLERICAL CHANGE	824.64	STOCK SIZE										
0	ORIGINAL RELEASE FOR PRODUCTION	3/5/64											
			NUT, SELF-LOCKING, HEXAGON										
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.	MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		SCALE						3.9.64	WB	JDC 3/5/64	RDC 3/9/64		
								TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	CODE C	S-401-270						JDC 3/5/64		NT146	A
								FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.			