

TABLE I

TMC CODE for THD Size	THREAD SIZE	RECOMMENDED HOLE SIZES		A		B	G	DASH NUMBERS AVAILABLE AS STANDARD	MFR REF. NO.	MFR. PART NO.
		MAX.	MIN.	MAX.	MIN.	MAX.	MAX.			
256	2-56NC-2B	.139	.136	.190	.184	.066	.135	1 thru 6	1	*
440	4-40NC-2B	.164	.161	.236	.229	.082	.160	1 thru 6	1	*
632	6-32NC-2B	.194	.191	.285	.278	.097	.190	1 thru 6	1	*
832	8-32NC-2B	.224	.221	.315	.307	.108	.220	1 thru 6	1	*
1024	10-24NC-2B	.253	.250	.346	.338	.129	.249	2 thru 6	1	*
1032	10-32NF-2B									
420	1/4-20UNC-2B	.347	.344	.440	.431	.175	.343	4 - 5 - 6	1	*
428	1/4-28UNF-2B									
518	5/16-18UNC-2B	.416	.413	.534	.525	.222	.412	4 - 5 - 6 - 7	1	*
524	5/16-24UNF-2B									
616	3/8-16UNC-2B	.487	.484	.628	.619	.238	.483	5 - 6 - 7	1	*
624	3/8-24UNF-2B									
813	1/2-13UNC-2B	.628	.625	.816	.806	.332	.624	5 - 6 - 7	1	*
820	1/2-20UNF-2B									
1224	12-24 UNC-2B	.280	.277	.375		.125	.275 Max	3	2	S1224-1
1224	12-24 UNC-2B	.280	.277	.375		.125	.275 Max	4	2	S1224-2
1224	12-12 UNC-2B	.280	.277	.375		.125	.275 Max	5	2	S1224-3

REF. TABLE II SHANK CODE

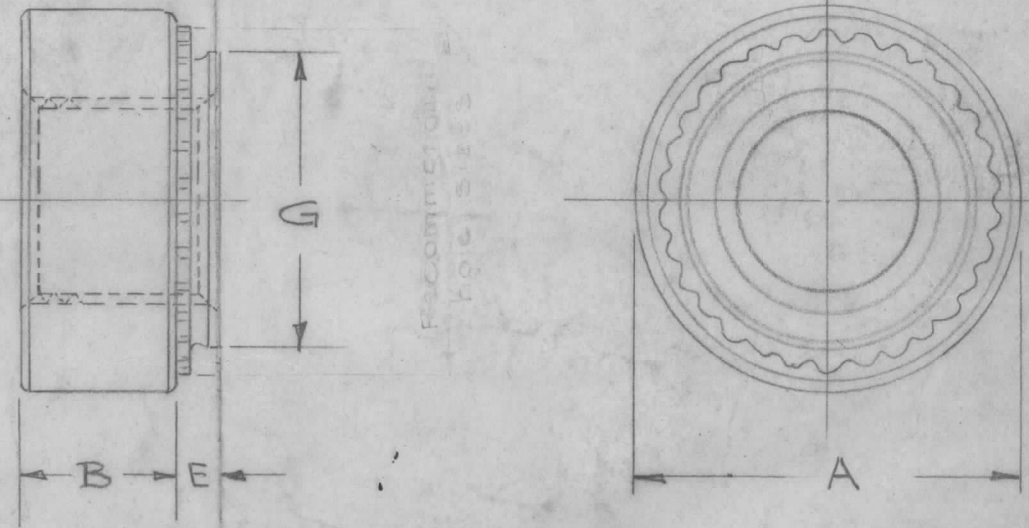
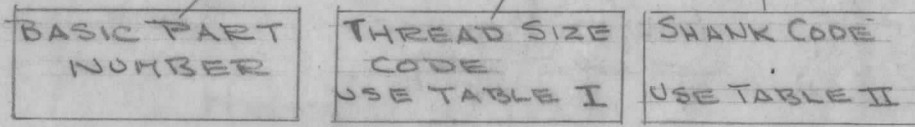
TABLE II

SHANK CODE	PLATE THICKNESS		E
	MIN.	MAX.	MAX.
1	.020	.031	.018
2	.032	.039	.030
3	.040	.055	.038
4	.056	.090	.054
5	.091	.122	.087
6	.123	.184	.120
7	.185	UP	.180

TABLE III

RECOMMENDED ASSEMBLY PRESSURE			
NOMINAL SIZE	INSTALLATION PRESSURE LBS.	AVERAGE PUSH-OUT LBS.	AVERAGE TORQUE
#2	1000-1500	190	12
#4	1500-2000	200	17
#6	2000-2500	204	33
#8	3000-3500	237	41
#10	4000-4500	398	67
1/4	5000-5500	662	151
5/16	6000-6500	838	232
3/8	7000-8000	1550	386
1/2	11000-12000	1690	485

TMC-PART NO. TO BE IN FOLLOWING FORM  
 NT-129-832-7



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 MAMARONECK, NEW YORK

STANDARD DRAWING

For Purchasing Information Only:  
 \* Mfr. Ref. No. 1 Part No. consists of "SN" plus the dash number plus the shank code.  
 Example:- SN-420-5 Swage Nut, 1/4-20 size w/.087 shank length for use in .091-.122 plate.)

MFR. REF. NO. 1 = S401-21  
 MFR. REF. NO. 2 = S401-165

NOTE:  
 The mounting hole may be drilled, reamed or punched, but correct hole tolerance must be observed to assure proper anchoring of the nut.

FINISH: S-135 Nickel Plate.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
J	1	COL. "G" WAS "MIN"	7-28-66	16648	RME	JCB	JCB
H	1	MFRS PART NO. COL. PURCHASING INFO. CLARIFIED.	9-4-63	9895	AK	JCB	JCB
G	1	FINISH WAS CAD. PLATE PER COP-416, TYPE I, CLASS 3	6-12-63	9252	JCB	JCB	JCB

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE	NUT, ROUND, SWAGE TYPE	
	MATERIAL		
	.10 CARBON (MIN)		
	TYPE & TEMPER	HEATTREAT. SPEC.	DRAWN
	FINISH & SPEC. NO.	ELEC. DES. APP.	MECH. DES. APP.

REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE