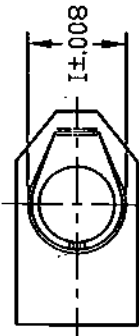


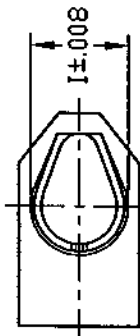
DWG

LUGS

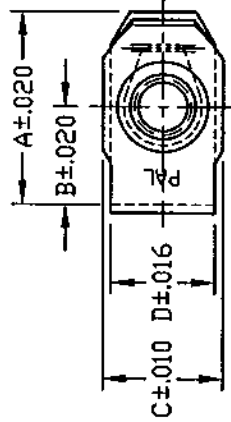
FINAL INSPECTION FOR INTERNAL THREADS SHALL CONSIST OF A STANDARD THREAD GAUGE FOR PARTS WITH ELECTROPLATED OR CHEMICALLY DEPOSITED FINISHES. FOR OTHER FINISHES, THREAD INSPECTION WILL MEET A GO TEST CONDUCTED WITH AN UNCOATED (OR ZN PLATED) MATING BOLT, AND A NO-GO TEST CONDUCTED WITH THE THREAD ELEMENT OF A STANDARD GAUGE.



DESIGN 1

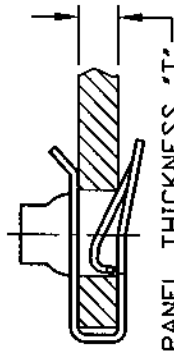
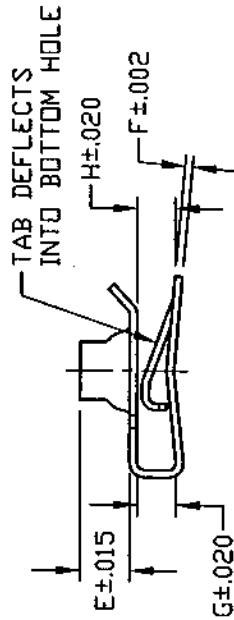


DESIGN 2



UNCONTROLLED

MAY 10 2002



THREAD CLASS - 2B

PART No.	SCREW SIZE	A	B	C	D	E	F	G	H	I	DESIGN			PANEL		
											K	L	T			
LUGS832010	#8-32	.685	.378	.492	.413	.220	.025	.132	-	.295	.300	.312	.025-.150			
LUGS142059	1/4-20	.920	.540	.560	.492	.240	.035	.180	.146	.376	.450	.390	.025-.150			
LUGS142859	1/4-28	.920	.540	.560	.492	.240	.035	.180	.146	.376	.450	.390	.025-.150			
LUGS142073	1/4-20	1.161	.768	.571	.496	.236	.035	.138	.134	.374	.620	.405	.040-.100			
LUGS142075	1/4-20	1.170	.772	.572	.485	.233	.035	.185	.146	.433	.620	.405	.030-.160			
LUGS561863	5/16-18	.980	.570	.670	.560	.315	.039	.180	.146	.433	.500	.437	.025-.150			
LUGS565763	5/16-18	.980	.570	.670	.560	.315	.039	.220	.186	.433	.500	.437	.050-.200			
LUGS381683	3/8-16	1.290	.730	.930	.700	.370	.049	.230	.200	.562	.660	.562	.050-.200			

TINNERMAN PALNUT ENGINEERED PRODUCTS, LLC										PAL ⑬		PALNUT ⑭		DN SERT ⑮		PUSHNUT ⑯		TITLE PALNUT MULTI-THREAD NUTS 'U' TYPE, SHORT CLIP STYLE	
MATERIAL: SPRING STEEL-SAE1050										DRAWN:		C.L.		RELEASED		SCALE			
HARDNESS: ROCKWELL 'C' 42-50										DATE:		11/8/74		PART No: VARIOUS		NONE			
										CHECKED:		CNA/12/01		DWG No.		LUGS			
										APPROVED:		B-7/25/01							
REV										DATE									
A										6/25/85									
LUG142059 'L' WAS 375																			
REDRAWN ADDED 'H', 'I', 'K' DIM.																			
GL.																			
DESCRIPTION										BY									
J										MS									
5/22/01																			
I										MS									
5/19/00																			
H										CJT									
12/22/1999																			
G										DMF									
9/1/94																			
F										DMF									
6/3/93																			
E										V.S.									
3/10/92																			
D										V.S.									
9/26/90																			
C										T.B.									
8/1/90																			
B										RM									
10/17/86																			

AUG 27 2002