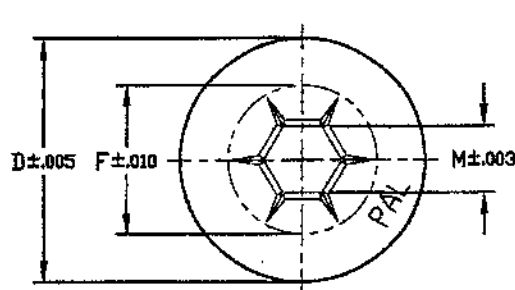
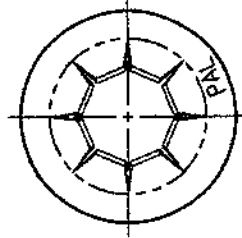
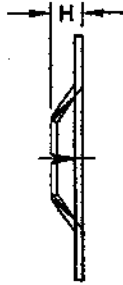


DWG

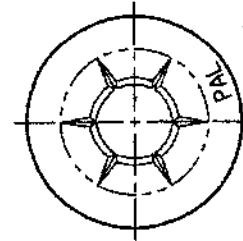
PS-3



DESIGN 1



DESIGN 2



DESIGN 3



STUD, ROD OR WIRE DIA.	PALNUT PART NO.	CUSTOMER PART. NO.	OVERALL HEIGHT "H"	HEIGHT TOL.±	INSIDE WASHER DIA. "F"	OUTSIDE WASHER DIA. "D"	STEEL THICK.	HOLE DIA. "M"	DESIGN
.087	PS087335		.030	.005	.150	7/32	.010	.070	3
1/8	PS125306		.045	.005	.228	3/8	.010	.115	1
3/16	PS188307		.056	.005	.320	7/16	.010	.176	2
1/4	PS250385		.057	.005	.388	17/32	.012	.236	2
5/16	PS312310		.059	.007	.456	5/8	.014	.298	2
3/8	PS375312		.061	.007	.546	3/4	.016	.360	2

OPTIMUM PERFORMANCE DEPENDS ON ADHERENCE TO THESE STUD, ROD OR WIRE SPECIFICATIONS.

1. MATERIAL MAY BE MILD STEEL, ALUMINUM, BRASS, ZINC, OR OTHER MALLEABLE METALS, OR PLASTIC WITH GOOD TENSILE STRENGTH & TOUGHNESS.
2. SURFACE HARDNESS MUST NOT EXCEED ROCKWELL 30T-78.
3. RECOMMENDED DIAMETER TOLERANCE $\begin{matrix} +.002 \\ -.003 \end{matrix}$
4. ENDS MUST BE FREE OF DISTORTION OR BURRS. CHAMFER ENDS $1/32 \times 45^\circ$ FOR EASIER ASSEMBLY.
5. NICKEL, CHROMIUM, OR OTHER HARD FINISHES ON STEEL OR DIE CAST STUDS ARE NOT RECOMMENDED.

TINNERMAN PALNUT
ENGINEERED PRODUCTS, INC.

MATERIAL:
50 CARBON SPRING STEEL

HARDNESS: ROCKWELL 30N 58-68

TOLERANCES, UNLESS SPECIFIED:

mm $\pm .25$ in $\pm .010$

PAL® PALNUT® ON SERT® PUSHNUT®

TITLE

PUSHNUT FASTENERS
ROUND FLAT TYPE (LIGHT GAGE)
STYLE 'PS' FOR STUDS, ROD OR WIRE

DRAWN: R.S. RELEASED SCALE

DATE: 10/25/61 PART No: VARIOUS NONE

CHECKED: DWG No.

APPROVED: PS-3

DATE	REV	DESCRIPTION	BY
8/3/01	B	DRAWING REFORMATTED; NO CHANGES	CNC
8/17/08	A	REDRAWN TO AUTOCAD 2006	MS