



**Référence**  
**138 618 003**  
**Matière :**  
**Acier Zingué Passivé Chrome 3**  
**(CS-ZnCR3)**

SHEAR DIAMETER = 17.0 MINIMUM

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.
2. SURFACE HARDNESS MUST NOT EXCEED ROCKWELL 30T-78.
3. RECOMMENDED DIAMETER TOLERANCE  $\begin{matrix} +.05 \\ -.08 \end{matrix}$
4. ENDS MUST BE FREE OF DISTORTION OR BURRS. CHAMFER ENDS .8x45° FOR EASIER ASSEMBLY.
5. NICKEL, CHROMIUM, OR OTHER HARD FINISHES ARE NOT RECOMMENDED.
6. NICKEL-CHROMIUM PLATING ON DIE CAST STUDS MUST NOT EXCEED .08 THICKNESS. \*

\* EXCEPT FOR PS040011 & PS320009 -.05 THICKNESS

STUD, ROD OR WIRE DIA.	PALNUT PART NO.	OVERALL HEIGHT "H"	HEIGHT TOL.±	INSIDE WASHER DIA. "F"	OUTSIDE WASHER DIA. "D"	STEEL THICK.	HOLE DIA. "M"	DESIGN
12.0	PS120022	2.67	.18	17.50	22.1	.86	11.58	2

DATE	REV	DESCRIPTION	BY
3/16/11	I	ADDED SHEAR DIAMETER 17.0 MIN NOTE PER ECD 1072	TW
8/10/10	H	CREATED INDIVIDUAL PART DRAWINGS	D.A.

**ARaymondTINNERMAN**

MATERIAL: 50 CARBON SPRING STEEL

HARDNESS: ROCKWELL 30N 58-68

PAL®	PALNUT®	ON SERT®	PUSHNUT®
TITLE PALNUT FASTENERS ROUND FLAT TYPE STYLE PS FOR STUDS, ROD OR WIRE			
DRAWN:	D.A.	RELEASED	SCALE
DATE:	8/4/75	PART No: PS120022	NONE
CHECKED:		DWG No.	
APPROVED:			<b>PS120022</b>