

**TEST PROP**  
November/2020

**P-6E, Ø 60/50 mm. (from 3,50 to 6,00 mts)**

| FEATURES / PROP DETAILS: |                                       |                                     |   |
|--------------------------|---------------------------------------|-------------------------------------|---|
| DIÁM. INNER TUBE:        | Ø 50 mm.                              | THICKNESS:                          | 2.5 mm.                                   |
| DIÁM. OUTER TUBE:        | Ø 60 mm.                              | THICKNESS:                          | 2 mm.                                     |
| DIÁM. PIN PROP:          | Ø 12 mm.                              | WASHER THICKNESS:                   | 2,5 mm.                                   |
| THICKNESS TOLERANCE:     | + / - 10%                             | TYPE OF PAINT:                      | Epoxi-poliéster                           |
| CLOSED LENGTH:           | 3,50 m.                               | OPEN LENGTH:                        | 6,00 m.                                   |
| STEEL QUALITY:           | UNE-EN 10219-1/2<br>S-235 JR – 275 JR | PROP NUT:                           | Outer nut: Ø70 mm.<br>Inner nut: : Ø65 mm |
| BASE PLATE:              | 120 x 120 x 4 mm.                     | Distance between holes (inner tube) | 85 mm.                                    |

**LOAD TEST ISSUED BY:**

**INSTITUTO TECNOLÓGICO DE ARAGÓN (ITA).**

**NORM: UNE-EN 1065:1999** – APTDO 10.2

| TEST LENGTH (mt.) | AVERAGE BREAKING LOAD (kN) |
|-------------------|----------------------------|
| 4,00              | 25,50                      |
| 5,00              | 17,17                      |
| 6,00              | 11,78                      |

1 kN = 101,97 kgs.

- 1.- Breaking load calculated for new prop, leaden and centered vertical load.
- 2.- It is advisable to work with a minimum safety coefficient of 2.