



**PERNO PARKER ROSCA METRICA ISO 12.9**

| Código          | Diámetro "D" | Largo "L" | Envase | Diámetro Cabeza "A" | Altura Cabeza "H" | Medida Llave "B" | Torque (Nm) Recomendado | Resistencia a la tracción (kN) |
|-----------------|--------------|-----------|--------|---------------------|-------------------|------------------|-------------------------|--------------------------------|
| <b>Pavonado</b> |              |           |        |                     |                   |                  |                         |                                |
| 101PPM          | M4-0.7       | 8         | 100 U  | 7                   | 4                 | 3                | 5,2                     | 11                             |
| 103PPM          |              | 12        |        |                     |                   |                  |                         |                                |
| 105PPM          |              | 16        |        |                     |                   |                  |                         |                                |
| 107PPM          |              | 20        |        |                     |                   |                  |                         |                                |
| 108PPM          |              | 25        |        |                     |                   |                  |                         |                                |
| 110PPM          | M5-0.8       | 8         | 100 U  | 9                   | 5                 | 4                | 10,3                    | 17                             |
| 112PPM          |              | 12        |        |                     |                   |                  |                         |                                |
| 114PPM          |              | 16        |        |                     |                   |                  |                         |                                |
| 116PPM          |              | 20        |        |                     |                   |                  |                         |                                |
| 118PPM          |              | 25        |        |                     |                   |                  |                         |                                |
| 119PPM          |              | 30        |        |                     |                   |                  |                         |                                |
| 01PPM           | M6-1.0       | 16        | 100 U  | 10                  | 6                 | 5                | 17,6                    | 24                             |
| 02PPM           |              | 20        |        |                     |                   |                  |                         |                                |
| 03PPM           |              | 25        |        |                     |                   |                  |                         |                                |
| 04PPM           |              | 30        |        |                     |                   |                  |                         |                                |
| 05PPM           |              | 40        |        |                     |                   |                  |                         |                                |
| 06PPM           |              | 50        |        |                     |                   |                  |                         |                                |
| 07PPM           |              | 60        |        |                     |                   |                  |                         |                                |
| 08PPM           | M8-1.25      | 16        | 100 U  | 13                  | 8                 | 6                | 42,6                    | 44                             |
| 09PPM           |              | 20        |        |                     |                   |                  |                         |                                |
| 10PPM           |              | 25        |        |                     |                   |                  |                         |                                |
| 11PPM           |              | 30        | 50 U   |                     |                   |                  |                         |                                |
| 12PPM           |              | 40        |        |                     |                   |                  |                         |                                |
| 13PPM           |              | 50        |        |                     |                   |                  |                         |                                |
| 23PPM           | 60           |           |        |                     |                   |                  |                         |                                |
| 14PPM           | M10-1.50     | 20        | 50 U   | 16                  | 10                | 8                | 84,0                    | 70                             |
| 15PPM           |              | 25        |        |                     |                   |                  |                         |                                |
| 16PPM           |              | 30        |        |                     |                   |                  |                         |                                |
| 17PPM           |              | 40        |        |                     |                   |                  |                         |                                |
| 18PPM           |              | 50        |        |                     |                   |                  |                         |                                |
| 24PPM           |              | 60        |        |                     |                   |                  |                         |                                |
| 27PPM           | 80           | 25 U      |        |                     |                   |                  |                         |                                |
| 19PPM           | M12-1.75     | 25        | 50 U   | 18                  | 12                | 10               | 146,0                   | 101                            |
| 20PPM           |              | 30        |        |                     |                   |                  |                         |                                |
| 21PPM           |              | 40        |        |                     |                   |                  |                         |                                |
| 22PPM           |              | 50        | 25 U   |                     |                   |                  |                         |                                |
| 25PPM           |              | 60        |        |                     |                   |                  |                         |                                |
| 26PPM           |              | 80        |        |                     |                   |                  |                         |                                |
| 29PPM           |              | 100       |        |                     |                   |                  |                         |                                |
| 29PPM           | M16-2.00     | 25        | 10 U   |                     |                   |                  |                         |                                |
| 30PPM           |              | 30        |        |                     |                   |                  |                         |                                |
| 31PPM           |              | 40        |        |                     |                   |                  |                         |                                |
| 32PPM           |              | 45        |        |                     |                   |                  |                         |                                |
| 33PPM           |              | 60        |        |                     |                   |                  |                         |                                |
| 34PPM           |              | 80        |        |                     |                   |                  |                         |                                |
| 35PPM           |              | 100       |        |                     |                   |                  |                         |                                |

**PERNO PARKER ROSCA METRICA FINA ISO 12.9**

| Código          | Diámetro "D" | Largo "L" | Envase | Diámetro Cabeza "A" | Altura Cabeza "H" | Medida Llave "B" | Torque (Nm) Recomendado | Resistencia a la tracción (kN) |
|-----------------|--------------|-----------|--------|---------------------|-------------------|------------------|-------------------------|--------------------------------|
| <b>Pavonado</b> |              |           |        |                     |                   |                  |                         |                                |
| 201PPM          | M8-1.00      | 16        | 10 U   |                     |                   |                  | 42,6                    | 44                             |
| 202PPM          |              | 20        |        |                     |                   |                  |                         |                                |
| 203PPM          |              | 25        |        |                     |                   |                  |                         |                                |
| 204PPM          |              | 30        |        |                     |                   |                  |                         |                                |
| 205PPM          |              | 40        |        |                     |                   |                  |                         |                                |
| 206PPM          |              | 50        |        |                     |                   |                  |                         |                                |
| 207PPM          | M10-1.25     | 20        | 5 U    |                     |                   |                  | 84,0                    | 70                             |
| 208PPM          |              | 25        |        |                     |                   |                  |                         |                                |
| 209PPM          |              | 30        |        |                     |                   |                  |                         |                                |
| 210PPM          |              | 40        |        |                     |                   |                  |                         |                                |
| 211PPM          | 50           |           |        |                     |                   |                  |                         |                                |
| 212PPM          | M12-1.50     | 25        | 5 U    |                     |                   |                  | 146,0                   | 101                            |
| 213PPM          |              | 30        |        |                     |                   |                  |                         |                                |
| 214PPM          |              | 40        |        |                     |                   |                  |                         |                                |
| 215PPM          |              | 50        |        |                     |                   |                  |                         |                                |
| 216PPM          |              | 60        |        |                     |                   |                  |                         |                                |
| 217PPM          |              | 80        |        |                     |                   |                  |                         |                                |

