IMDICO

IMPORTADORA Y DISTRIBUIDORA CORONA

FABRICACIÓN E IMPORTACIÓN DE PERNOS Y TUERCAS

# FICHA TÉCNICA

| | | | | | |
|---|---|---|---|---|---|
| **DESCRIPCIÓN DEL PRODUCTO** | PERNO HEXAGONAL | **GRADO** | G° 8 | **ACABADO** | NEGRO ZINCADO |
| **CARACTERISTICAS Y ESPECIFICACIONES:** | SAE J429 / ASME B18.2.1 | **ACERO** | ACERO ALEADO DE CARBONO MEDIO (QT) | | |

| | |
|---|---|
| **NORMA TECNICA DE REFERENCIA** | **SAE J429_201405 -** "Mechanical and Material Requirements for Externally Threaded Fasteners"<br>**ANSI/ASME B18.2.1-2010 -** "Square, Hex, Heavy Hex, and Askew Head Bolts and Hex, Heavy Hex, Hex Flange, Lobed Head, and Lag Screws (Inch Series)" |

## ESPECIFICACIONES TÉCNICAS

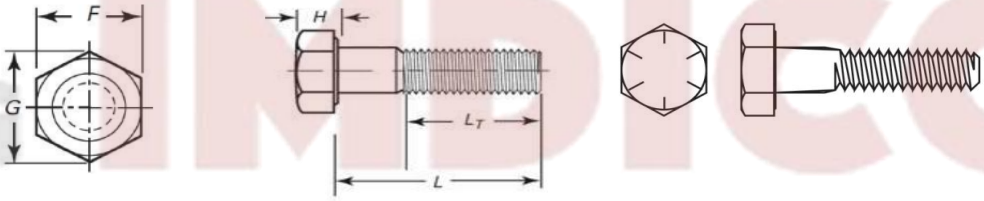
**Composición Química (%) :**

| C | Mn | P | S | Si | B |
|---|---|---|---|---|---|
| 0.28- 0.55 | … | 0.030 máx. | 0.050 máx. | … | … |

**Propiedades Mecánicas :**

| Diámetro Nominal | Esfuerzo de fluencia (Min) | Resistencia a la tracción (Min) | Elongación (Min) | Reducción de área (Min) | Dureza (HRC) |
|---|---|---|---|---|---|
| 1/4" a 1 1/2" | 130 Ksi | 150 Ksi | 12% | 35% | C33 - C39 |

**Dimensiones :**




| Diámetros nominales | D (in) | F (in) | | G (in) | | H (in) | | Longitud de rosca (Lt) (in) | |
|---|---|---|---|---|---|---|---|---|---|
| | | máx | min | máx | min | máx | min | <= 6" | >= 6" |
| 1/4 | 0.250 | 0.438 | 0.428 | 0.505 | 0.488 | 0.163 | 0.150 | 0.750 | 1.000 |
| 5/16 | 0.312 | 0.500 | 0.489 | 0.577 | 0.557 | 0.211 | 0.195 | 0.875 | 1.125 |
| 3/8 | 0.375 | 0.562 | 0.551 | 0.650 | 0.628 | 0.243 | 0.226 | 1.000 | 1.250 |
| 7/16 | 0.437 | 0.625 | 0.612 | 0.722 | 0.698 | 0.291 | 0.272 | 1.125 | 1.375 |
| 1/2 | 0.500 | 0.750 | 0.736 | 0.866 | 0.840 | 0.323 | 0.302 | 1.250 | 1.500 |
| 9/16 | 0.562 | 0.812 | 0.798 | 0.938 | 0.910 | 0.371 | 0.348 | 1.375 | 1.625 |
| 5/8 | 0.625 | 0.938 | 0.922 | 1.083 | 1.051 | 0.403 | 0.378 | 1.500 | 1.750 |
| 3/4 | 0.750 | 1.125 | 1.100 | 1.299 | 1.254 | 0.483 | 0.455 | 1.750 | 2.000 |
| 7/8 | 0.875 | 1.312 | 1.285 | 1.516 | 1.465 | 0.563 | 0.531 | 2.000 | 2.250 |
| 1 | 1.000 | 1.500 | 1.469 | 1.732 | 1.675 | 0.627 | 0.591 | 2.250 | 2.500 |
| 1 1/8 | 1.125 | 1.688 | 1.631 | 1.949 | 1.859 | 0.718 | 0.658 | 2.500 | 2.750 |
| 1 1/4 | 1.250 | 1.875 | 1.812 | 2.165 | 2.066 | 0.813 | 0.749 | 2.750 | 3.000 |
| 1 3/8 | 1.375 | 2.062 | 1.994 | 2.382 | 2.273 | 0.878 | 0.810 | 3.000 | 3.250 |
| 1 1/2 | 1.500 | 2.250 | 2.175 | 2.598 | 2.480 | 0.974 | 0.902 | 3.250 | 3.500 |

*Largo Perno ≤ 6" = (2*diámetro) +1/4"
*Largo Perno > 6" = (2*diámetro) +1/2"

* SAE G-8 es quivalente a ASTM A354 BD
*Ficha referencial. Para especificación completa consultar SAE J429 y ASME B18.2.1 vigentes. Revisión: julio 2026.

ÁREA DE CALIDAD IMDICO SRL

Control de calidad

IMDICO

Ajustando proyectos y fijando estructuras desde 1979

AV. BAUZATE Y MEZA 560 – LA VICTORIA – LIMA (A 2 CUADRAS, PLAZA MANCO CAPAC)

TELEFONO: (01) 332-1832 / (01) 332-1879

VENTAS@IMDICO.COM