



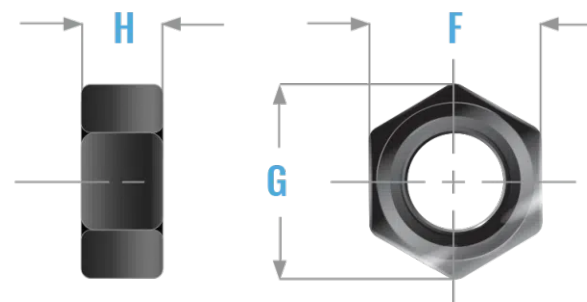
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# TUERCA HEXAGONAL PESADA SAE J995 Gr 2/ ASTM A563 Gr A

## FICHA TÉCNICA



| Diámetro |        | Ancho entre caras (F) |       |       | Ancho entre esquinas (G) |       | Grosor de las tuercas hexagonales (H) |       |       |
|----------|--------|-----------------------|-------|-------|--------------------------|-------|---------------------------------------|-------|-------|
|          |        | básico                | MAX   | MIN   | MAX                      | MIN   | Basic                                 | Max   | Min   |
| 1/4      | 0.2500 | 1/2                   | 0.500 | 0.488 | 0.577                    | 0.556 | 15/64                                 | 0.250 | 0.218 |
| 5/16     | 0.3125 | 9/16                  | 0.562 | 0.546 | 0.650                    | 0.622 | 19/64                                 | 0.314 | 0.280 |
| 3/8      | 0.3750 | 11/16                 | 0.688 | 0.669 | 0.794                    | 0.763 | 23/64                                 | 0.377 | 0.341 |
| 7/16     | 0.4375 | 3/4                   | 0.750 | 0.728 | 0.866                    | 0.830 | 27/64                                 | 0.441 | 0.403 |
| 1/2      | 0.5000 | 7/8                   | 0.875 | 0.850 | 1.010                    | 0.969 | 31/64                                 | 0.504 | 0.464 |
| 9/16     | 0.5625 | 15/16                 | 0.938 | 0.909 | 1.083                    | 1.037 | 35/64                                 | 0.568 | 0.526 |
| 5/8      | 0.6250 | 1 1/16                | 1.062 | 1.031 | 1.227                    | 1.175 | 39/64                                 | 0.631 | 0.587 |
| 3/4      | 0.7500 | 1 1/4                 | 1.250 | 1.212 | 1.443                    | 1.382 | 47/64                                 | 0.758 | 0.710 |



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|              |        |         |       |       |       |       |         |       |       |
|--------------|--------|---------|-------|-------|-------|-------|---------|-------|-------|
| <b>7/8</b>   | 0.8750 | 1 7/16  | 1.438 | 1.394 | 1.660 | 1.589 | 55/64   | 0.885 | 0.833 |
| <b>1</b>     | 1.0000 | 1 5/8   | 1.625 | 1.575 | 1.876 | 1.796 | 63/64   | 1.012 | 0.956 |
| <b>1 1/8</b> | 1.1250 | 1 13/16 | 1.812 | 1.756 | 2.093 | 2.002 | 1 7/64  | 1.139 | 1.079 |
| <b>1 1/4</b> | 1.2500 | 2       | 2.000 | 1.938 | 2.309 | 2.209 | 1 7/32  | 1.251 | 1.187 |
| <b>1 3/8</b> | 1.3750 | 2 3/16  | 2.188 | 2.119 | 2.526 | 2.416 | 1 11/32 | 1.378 | 1.310 |
| <b>1 1/2</b> | 1.5000 | 2 3/8   | 2.375 | 2.300 | 2.742 | 2.622 | 1 15/32 | 1.505 | 1.433 |
| <b>1 5/8</b> | 1.6250 | 2 9/16  | 2.562 | 2.481 | 2.959 | 2.828 | 1 19/32 | 1.632 | 1.556 |
| <b>1 3/4</b> | 1.7500 | 2 3/4   | 2.750 | 2.662 | 3.175 | 3.035 | 1 23/32 | 1.759 | 1.679 |
| <b>2</b>     | 2.0000 | 3 1/8   | 3.125 | 3.025 | 3.608 | 3.449 | 1 31/32 | 2.013 | 1.925 |
| <b>2 1/4</b> | 2.2500 | 3 1/2   | 3.500 | 3.388 | 4.041 | 3.862 | 2 13/64 | 2.251 | 2.155 |
| <b>2 1/2</b> | 2.5000 | 3 7/8   | 3.875 | 3.750 | 4.474 | 4.275 | 2 29/64 | 2.505 | 2.401 |
| <b>2 3/4</b> | 2.7500 | 4 1/4   | 4.250 | 4.112 | 4.907 | 4.688 | 2 45/64 | 2.759 | 2.647 |
| <b>3</b>     | 3.0000 | 4 5/8   | 4.625 | 4.475 | 5.340 | 5.102 | 2 61/64 | 3.013 | 2.893 |
| <b>3 1/4</b> | 3.2500 | 5       | 5.000 | 4.838 | 5.774 | 5.515 | 3 3/16  | 3.252 | 3.124 |
| <b>3 1/2</b> | 3.5000 | 5 3/8   | 5.375 | 5.200 | 6.207 | 5.928 | 3 7/16  | 3.506 | 3.370 |
| <b>3 3/4</b> | 3.7500 | 5 3/4   | 5.750 | 5.562 | 6.640 | 6.341 | 3 11/16 | 3.760 | 3.616 |
| <b>4</b>     | 4.00   | 6 1/8   | 6.125 | 5.925 | 7.073 | 6.755 | 3 15/16 | 4.014 | 3.862 |



|                            |  |
|----------------------------|--|
|                            | <b>Tuerca Hexagonal SAE J429 Gr 5/ ASTM A563 Gr B</b>      |
| <b>Descripción</b>         | Sujetador de seis caras roscado en el interior.            |
| <b>Aplicación</b>          | Utilizadas con tornillos de bajo carbono.                  |
| <b>Material</b>            | Carbono: 0.55% max; Fósforo: 0.12% max; Sulfuro: 0.023%max |
| <b>Tratamiento Térmico</b> | NA   |
| <b>Dureza del núcleo</b>   | Rockwell B68-C32   |
| <b>Carga de Prueba</b>     | Rosca UNC- 100,000 psi<br>Rosca UNF- 90,000 psi            |

