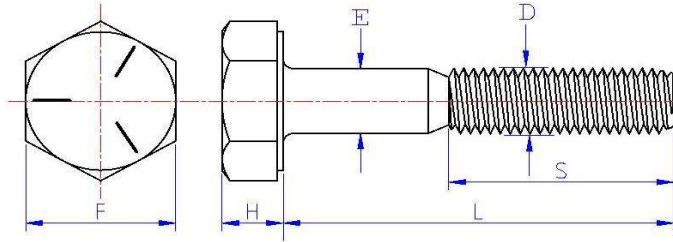




| | |
|-------|----------------|
| Brand | Root |
| | HC5P... |



ASME B18.2.1

unit: INCH

| | Diam. | 1/4 to 3/8 | 7/16 to 1/2 | 9/16 to 3/4 | 7/8 and 1 |
|---------------------------------|------------------|--------------|--------------|--------------|--------------|
| L LENGTH TOLERANCE | ≤ 1" | + 0 / - 0.03 | + 0 / - 0.03 | + 0 / - 0.03 | - |
| | > 1" to ≤ 2-1/2" | + 0 / - 0.04 | + 0 / - 0.06 | + 0 / - 0.08 | + 0 / - 0.10 |
| | > 2-1/2" to ≤ 4" | + 0 / - 0.06 | + 0 / - 0.08 | + 0 / - 0.10 | + 0 / - 0.14 |
| | > 4" to ≤ 6" | + 0 / - 0.10 | + 0 / - 0.10 | + 0 / - 0.10 | + 0 / - 0.16 |
| | > 6" | + 0 / - 0.18 | + 0 / - 0.18 | + 0 / - 0.18 | + 0 / - 0.20 |

| | | |
|------------------------------|------|------------------|
| S THREAD LENGTH | ≤ 6" | 2 x Diam + 0.25" |
| | > 6" | 2 x Diam + 0.5" |

| Bolt Size Class 2A | | F ACROSS FLAT | H HEAD HEIGHT | E BODY DIAM. | D THREAD DIAM. | THREAD PER INCH |
|-----------------------|-----|-------------------------|-------------------------|------------------------|--------------------------|---------------------------|
| 1/4 | Min | 0.428 | 0.150 | 0.245 | 0.241 | 20 |
| | Max | 0.438 | 0.163 | 0.250 | 0.249 | |
| 5/16 | Min | 0.489 | 0.195 | 0.306 | 0.303 | 18 |
| | Max | 0.500 | 0.211 | 0.312 | 0.311 | |
| 3/8 | Min | 0.551 | 0.226 | 0.369 | 0.364 | 16 |
| | Max | 0.562 | 0.243 | 0.375 | 0.374 | |
| 7/16 | Min | 0.612 | 0.272 | 0.430 | 0.426 | 14 |
| | Max | 0.625 | 0.291 | 0.437 | 0.436 | |
| 1/2 | Min | 0.736 | 0.302 | 0.493 | 0.488 | 13 |
| | Max | 0.750 | 0.323 | 0.500 | 0.499 | |
| 5/8 | Min | 0.922 | 0.378 | 0.617 | 0.611 | 11 |
| | Max | 0.938 | 0.403 | 0.625 | 0.623 | |
| 3/4 | Min | 1.100 | 0.455 | 0.741 | 0.735 | 10 |
| | Max | 1.125 | 0.483 | 0.750 | 0.748 | |
| 7/8 | Min | 1.285 | 0.531 | 0.866 | 0.859 | 9 |
| | Max | 1.312 | 0.563 | 0.875 | 0.873 | |
| 1 | Min | 1.469 | 0.591 | 0.990 | 0.983 | 8 |
| | Max | 1.500 | 0.627 | 1.000 | 0.998 | |

Hex. Head Cap screw, Coarse Thread, SAE J429-Grade 5, Plain

Root= Hex Cap grade-5 Plain

Bulk Label Description:

English: HEX BOLT, GR-5, PLAIN

French: BOULON TÊTE HEX, GR-5, NON PLAQUÉ

Spanish: PERNO DE CABEZA HEXAGONAL, GRADO 5, SIN REVESTIMIENTO

Date: 17 septembre 2019

Done by: P.B.