Stainless Steel Hexagon Thin Nuts

Standard: DIN439/DIN936, GB/T6172-2000;GB/T6173-2000, ISO4035/ISO8675

Material: SUS301,304,18/8,0Cr18Ni9,X5CrNi1810,X10Cr13,410S21, if you need to use other stainless steel, please let us know.

Heat Treatment: None for normal, If you have special hardness requirement, please let us know.

Surface Hardness: 220HV is Normal, 750HV max after Quench with SUS410

Finish: None.

Thread Direction: Normal is right hand/dextrorotation, if you want left hand, please let us know.

Tensile strength: Base on your requirement, please provide your grade to us

Stainless Steel Hexagon Thin Nuts --- A hexagonal nut is a type of metal fastener that has six sides. Most nuts are cut in a hexagonal shape, since it seems to be the easiest shape to grasp. Nuts, in any form, are almost exclusively used to fasten a bolt to another object.

While the hexagonal nut is the most popular shape, there are many other types of nuts available. Nearly every nut on the market has a specific use, though the hexagonal nut can almost always be used in any situation.

"Stainless Steel" - With the addition of 12% chromium to iron, stainless steel is formed. The chromium protects the iron against most corrosion or red colored rust; thus the term "stainless steel". The ability of stainless to form a thin layer of protection on its outside surface, called a "passive film", is its most important characteristic in preventing corrosion.

"18-8" - 300 series stainless steel having approximately (not exactly) 18% chromium and 8% nickel. The term "18-8" is used interchangeably to characterize fasteners made of 302,302HQ,303,304,384, XM7, and other variables of these grades with close chemical compositions. There is little overall difference in corrosion resistance among the 18-8 types, but slight differences in chemical composition do make certain grades more resistant than others against particular chemicals or atmospheres.

Austentic - Refers to 300 series stainless, the most popular of the stainless alloys accounting for 85%-90% of stainless fasteners sold Named for sir Robert Williams Austen, an English metallurgist, austentic stainless is a crystal structure formed by heating steel, chromium, and nickel to a high temperature where it forms the characteristics of 300 series stainless steel.

The typical Stainless Steel Hexagon Thin Nuts pictures as below





And below is the common drawing for this kind:

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|-----------|-----------------------------|--|--|---|---|--|---|----------|-------------------------|--|--|--|
| | | | | | | 3 | <u> </u> | 4 | Y | 1 | | |
| | | | | | 2 | U+ | + | | | - | | |
| | | | | . (| X | 7 | | | | | | |
| MFE | 育薄螺母 RED HE | EXAGON THIN NOTS | | | | | | | | DIN 4 | | |
| 10 | | | 0, | | | | | | | mm | | |
| | Thread size | | N4 | M5 | M6 | MB | M10 | M12 | M15 | M20 | | |
| | Pitch | 0.5 | 0.7 | 0.8 | 1 | 1,25 | 1,5 | 1,25 | 2 | 2.5 | | |
| 68- | m | | 22 | 2.7 | 3.2 | 4 | 5 | G | 8 | 10 | | |
| | 0 | 6.01 | 7.66 | 8.79 | 11.05 | 14.38 | 18.9 | 21.1 | 26.75 | | | |
| - | S | 5.5 | -7 | 8 | 10 | 13 | 17 | 19: | 24 | - 30 | | |
| - | Thread size | M24 | M30 | | M36 | M42 | M48 | 1 | | | | |
| | Pitch N | 3 | 3.5 | | * 4 | 4.5 | 5 | | | | | |
| | m | 12 | 15 | | 18 | 21 | -24 | | | | | |
| | 0 | 39.55 | 50.85 | | 60.79 | 71.3 | 82.6 | | | | | |
| | S | 36 | 46 | | 55 | 65 | 75 | | | | | |
| 薄虫 AGC | 席 日 NN THIN I | NUTS | | | | | | | JS | 50 4 | | |
| 薄虫 AGC | 累日 DN THIN I | | | | | | mm | - | 15 | 50 4 | | |
| 薄虫 | 累 日 N THIN I | Thread size | M10 | | M12 | M14 | M22 | - | 15 | 50 41 | | |
| 薄虫 AGC | 累日 N THIN I | Thread size Piloh | 1.5 | | 1.75 | 2 | M22 2.5 | | IS | 50 4 | | |
| 薄虫 AGC | 累 日 DN THIN I | Thread size Piloh m | 1.5 5 | | 1.75 | 2 | M22 2.5 11 | | JS | 50 4 | | |
| 薄虫 | 累 日 DN THIN I | Thread size Pitch m | 1.5 5 17.77 | | 1.75 6 20.03 | 2 7 23.35 | M22 2.5 11 37.29 | | 15 | 50 4 | | |
| 薄虫 AGC | | Thread size Piloh m | 1.5 5 17.77 16 | | 1.75 6 20.03 18 | 2 | M22 2.5 11 | | 15 | 50 4 | | |
| AGO | | Thread size Pitch m e s that pizes are c | 1.5 5 17.77 16 | | 1.75 6 20.03 18 | 2 7 23.35 | M22 2.5 11 37.29 | | 15 | 50 4(| | |
| AGO | | Thread size Pitch m e s that pizes are c | 1.5 5 17.77 16 | | 1.75 6 20.03 18 | 2 7 23.35 | M22 2.5 11 37.29 | | | 50 40 DIN 9 | | |
| AGO | | Thread size Pitch m e s that pizes are c | 1.5 5 17.77 16 | | 1.75 6 20.03 18 | 2 7 23.35 | M22 2.5 11 37.29 | | | DIN 9 | | |
| AGO | | Thread size Pitch m e s that pizes are c | 1.5 5 17.77 16 | nese Di | 1.75 6 20.03 18 | 2 7 23.35 | M22 2.5 11 37.29 | | | | | |
| AGO | | Thread size Pitch e s ther sizes are e | 1.5 5 17.77 16 equal to th | nese Di | 1,75 6 20.03 18 N 439 | 2 7 23.35 21 | M22 25 11 37.29 24 | | C | DIN 9 | | |
| AGO | | Thread size Pitch m e 5 ther sizes are e | 1.5 5 17.77 16 equal to th | nese Di | 1,75 6 20.03 18 N 439 M10 | 2 7 23 35 21 M12 | M22 25 11 37.29 24 | | M20 | DIN 9 mm M24 | | |
| AGO | | Thread size Pitch m e s ther pizes are e NUTS Thread size Pitch m e | 1.5 5 17,77 16 equal to th MR 1.2 | iese Di | 1,75 6 20.03 18 N 439 M10 1.5 | 2 7 23.35 21 M12 1.75 | M22 25 11 37.29 24 24 M14 2 | | M20 2.5 | DIN 9 mm M24 3 | | |
| AGO | | Thread size Pitath m e s thor sizes are e NUTS Thread size Pitch m | 1.5 5 17,77 16 equal to th MR 1.2 5 | iese Di | 1,75 6 20.03 18 N 439 M10 1.5 6 | 2 7 23.35 21 21 M12 1.75 7 | M22 25 11 37.29 24 24 MH 2 8 | 5 3 | M20 2.5 9 | DIN 9 (10) M24 3 10 | | |
| AGO | | Thread size Pitch m e s ther pizes are e NUTS NUTS Thread size Pitch m e S | 1.5 5 17,77 16 equal to th 10 1.2 5 14.3 13 | 1000 C | 1.75 6 20.03 18 N-439 M10 1.5 6 18.90 17 | 2 7 23.35 21 21 1.75 7 21.1 19 | M22 2.5 11 37.29 24 24 8 26.7 24 | 5 3 | M20 2.5 9 2.95 | DIN 9 mm M24 3 10 39.55 | | |
| AGO | | Thread size Pitch m e s that pizos are d NUTS Thread size Pitch m e S | 1.5 5 17,77 16 equal to th 10 12 5 14.5 13 13 | 3 5 5 88 1 10 | 1.75 6 20.03 18 N.439 M10 1.5 6 18,90 17 M36 | 2 7 23.35 21 21 1.75 7 21.1 19 19 19 | M22 2.5 11 37,29 24 24 24 24 24 24 24 24 24 24 24 24 24 | 5 3 | M20 2.5 9 2.95 | DIN 9 mm M24 3 10 39.55 | | |
| AGO | | Thread size Pitch m e s that pizos are d NUTS NUTS Thread size Pitch m e S Thread size Pitch | 1.5 5 17,77 16 equal to th 9 0 16 16 16 16 16 16 16 16 16 17 17 16 16 16 16 16 16 16 16 16 16 16 16 16 |) 55 38 30 5 | 1.75 6 20.03 18 N 439 M10 1.5 6 18.90 17 M36 4 | 2 7 23.35 21 21 1.15 7 21.1 19 19 19 19 | M22 2.5 11 37,29 24 24 24 24 24 24 24 24 24 24 24 24 24 | 5 3 8 | M20 2.5 9 2.95 | DIN 9 mm M24 3 10 39.55 | | |
| AGO | | Thread size Pitch m e s that pizos are d NUTS Thread size Pitch m e S | 1.5 5 17,77 16 equal to th 10 12 5 14.5 13 13 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1.75 6 20.03 18 N.439 M10 1.5 6 18,90 17 M36 | 2 7 23.35 21 21 1.75 7 21.1 19 19 19 | M22 2.5 11 37,29 24 24 24 24 24 24 24 24 24 24 24 24 24 | 8 | M20 2.5 9 2.95 | DIN 9 mm M24 3 10 39.55 | | |