



Wide range fasteners manufacturer.

# NUTS

## CATALOG

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- ✓ DIN 6923
- ✓ UNC/UNF



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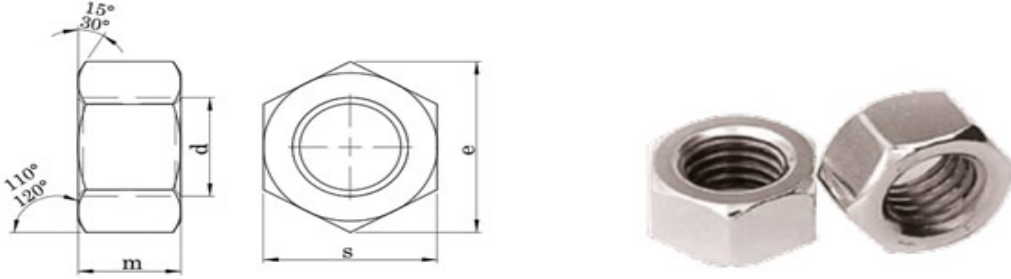
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**DIN 934**  
ISO 4032**HEXAGON NUTS**

| Teknik Bilgiler / Technical Informations |      |      |      |       |      |      |      |       |       |
|--|------|------|------|-------|------|------|------|-------|-------|
| Thread size / Anma çapı (d)              |      |      | M 2  | M 2.5 | M3   | M4   | M5   | M6    | M7    |
| Pitch / Diş adımı                        | P    |      | 0,40 | 0,45  | 0,50 | 0,70 | 0,80 | 1,00  | 1,00  |
| Head width / Anahtar ağızı               | s    | min. | 3,82 | 4,82  | 5,32 | 6,78 | 7,78 | 9,78  | 10,73 |
|  |      | max. | 4,00 | 5,00  | 5,50 | 7,00 | 8,00 | 10,00 | 11,00 |
| Diagonal / Köşegen                       | e    |      | 4,32 | 5,45  | 6,01 | 7,66 | 8,79 | 11,05 | 12,12 |
| Height / Yükseklik                       | m    | min. | 1,35 | 1,75  | 2,15 | 2,90 | 3,70 | 4,70  | 5,20  |
|  |      | max. | 1,60 | 2,00  | 2,40 | 3,20 | 4,00 | 5,00  | 5,50  |
| Weight / Ağırlık                         | gr/p |      |      | 0,38  | 0,81 | 1,23 | 2,50 | 3,12  |       |

|                             |      |      |       |       |       |       |       |       |       |
|-----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d) |      |      | M8    | M10   | M12   | M14   | M16   | M18   | M20   |
| Pitch / Diş adımı           | P    |      | 1,25  | 1,50  | 1,75  | 2,00  | 2,00  | 2,50  | 2,50  |
| Head width / Anahtar ağızı  | s    | min. | 12,73 | 16,73 | 18,67 | 21,67 | 23,67 | 26,16 | 29,16 |
|                             |      | max. | 13,00 | 17,00 | 19,00 | 22,00 | 24,00 | 27,00 | 30,00 |
| Diagonal / Köşegen          | e    |      | 14,38 | 18,90 | 21,10 | 24,49 | 26,75 | 29,56 | 32,95 |
| Height / Yükseklik          | m    | min. | 6,14  | 7,64  | 9,64  | 10,30 | 12,30 | 14,30 | 14,90 |
|                             |      | max. | 6,50  | 8,00  | 10,00 | 11,00 | 13,00 | 15,00 | 16,00 |
| Weight / Ağırlık            | gr/p |      | 5,20  | 11,60 | 17,30 | 25,00 | 33,30 | 49,40 | 64,40 |

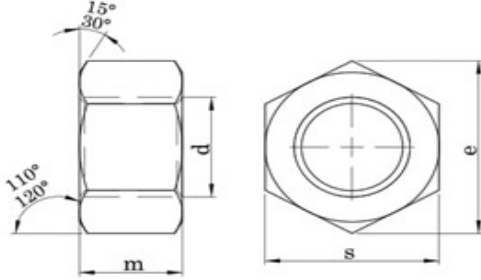
  

|                             |      |      |       |        |        |        |        |        |        |
|-----------------------------|------|------|-------|--------|--------|--------|--------|--------|--------|
| Thread size / Anma çapı (d) |      |      | M22   | M24    | M27    | M30    | M33    | M36    | M39    |
| Pitch / Diş adımı           | P    |      | 2,50  | 3,00   | 3,00   | 3,50   | 3,50   | 4,00   | 4,00   |
| Head width / Anahtar ağızı  | s    | min. | 31,00 | 35,00  | 40,00  | 45,00  | 49,00  | 53,80  | 58,80  |
|                             |      | max. | 32,00 | 36,00  | 41,00  | 46,00  | 50,00  | 55,00  | 60,00  |
| Diagonal / Köşegen          | e    |      | 35,03 | 39,55  | 45,20  | 50,85  | 55,37  | 60,79  | 66,44  |
| Height / Yükseklik          | m    | min. | 16,90 | 17,70  | 20,70  | 22,70  | 24,70  | 27,40  | 29,40  |
|                             |      | max. | 18,00 | 19,00  | 22,00  | 24,00  | 26,00  | 29,00  | 31,00  |
| Weight / Ağırlık            | gr/p |      | 79,00 | 110,00 | 165,00 | 223,00 | 288,00 | 393,00 | 502,00 |

DIN 934 Hexagon Nuts are the most common standard for metric hex nuts used in many applications where a metric nut is required.

Cold forging for sizes M3 - M24  
Hot forging for sizes M26 - M60



**DIN 934**  
ISO 4032**HEXAGON NUTS**

| Teknik Bilgiler / Technical Informations |      |                          |                |                |                |                |                |                |
|--|------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Thread size / Anma çapı (d)              |      | M42                      | M45            | M48            | M52            | M56            | M60            | M64            |
| Pitch / Diş adımı                        | P    | 4,50                     | 4,50           | 5,00           | 5,00           | 5,50           | 5,50           | 6,00           |
| Head width / Anahtar ağızı               | s    | min. 63,10<br>max. 65,00 | 68,10<br>70,00 | 73,10<br>75,00 | 78,10<br>80,00 | 82,80<br>85,00 | 87,80<br>90,00 | 92,80<br>95,00 |
| Diagonal / Köşegen                       | e    | 71,30                    | 76,95          | 82,60          | 88,25          | 93,56          | 99,21          | 104,86         |
| Height / Yükseklik                       | m    | min. 32,40<br>max. 34,00 | 34,40<br>36,00 | 36,40<br>38,00 | 40,40<br>42,00 | 43,40<br>45,00 | 46,40<br>48,00 | 49,10<br>51,00 |
| Weight / Ağırlık                         | gr/p | 652,00                   | 800,00         | 977,00         | 1.220,00       | 1.420,00       | 1.690,00       | 1.980,00       |

|                             |      |                           |                  |                  |                  |
|-----------------------------|------|---------------------------|------------------|------------------|------------------|
| Thread size / Anma çapı (d) |      | M68                       | M72              | M76              | M80              |
| Pitch / Diş adımı           | P    | 6,00                      |                  |                  |                  |
| Head width / Anahtar ağızı  | s    | min. 97,80<br>max. 100,00 | 102,80<br>105,00 | 107,80<br>110,00 | 112,80<br>115,00 |
| Diagonal / Köşegen          | e    | 110,51                    | 116,16           | 121,81           | 127,46           |
| Height / Yükseklik          | m    | min. 52,10<br>max. 54,00  | 56,10<br>58,00   | 59,10<br>61,00   | 62,10<br>64,00   |
| Weight / Ağırlık            | gr/p | 2.300,00                  | 2.670,00         | 3.040,00         | 3.440,00         |



Zinc Plate Coated



Zinc Flake Coated

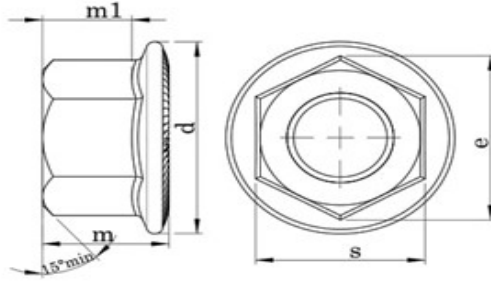


Hot Deep Galvanized



Stainless Steel



**DIN 6923**  
ISO 4161**HEXAGON FLANGE NUTS**

| Teknik Bilgiler / Technical Informations |      |      |       |       |       |               |                             |                             |
|--|------|------|-------|-------|-------|---------------|-----------------------------|-----------------------------|
| Thread size / Anma çapı (d)              |      |      | M4    | M5    | M6    | M8<br>M8x1,00 | M10<br>M10x1,25M<br>10x1,00 | M12M<br>12x1,50M<br>12x1,25 |
| Pitch / Diş adımı                        | P    |      | 0,70  | 0,80  | 1,00  | 1,25          | 1,50                        | 1,75                        |
| Head width / Anahtar ağızı               | s    | min. | 6,78  | 7,78  | 9,78  | 12,73         | 14,73                       | 17,73                       |
|  |      | max. | 7,00  | 8,00  | 10,00 | 13,00         | 15,00                       | 18,00                       |
| Diagonal / Köşegen                       | e    |      | 7,74  | 8,79  | 11,05 | 14,38         | 16,64                       | 20,03                       |
| Height / Yükseklik                       | m    | min. | 4,20  | 4,70  | 5,70  | 7,60          | 9,60                        | 11,60                       |
|  |      | max. | 4,50  | 5,00  | 6,00  | 8,00          | 10,00                       | 12,00                       |
| Flange dia / Flanş çapı                  | D    | min. | 8,30  | 9,80  | 12,20 | 15,80         | 19,60                       | 23,80                       |
|  |      | max. | 10,30 | 11,80 | 14,20 | 17,90         | 21,80                       | 26,00                       |
| Weight / Ağırlık                         | gr/p |      | 2,50  | 2,75  | 3,20  | 6,90          | 12,20                       | 22,00                       |

|                             |      |      |       |       |       |
|-----------------------------|------|------|-------|-------|-------|
| Thread size / Anma çapı (d) |      |      | M14   | M16   | M20   |
| Pitch / Diş adımı           | P    |      | 2,00  | 2,00  | 2,50  |
| Head width / Anahtar ağızı  | s    | min. | 20,67 | 23,67 | 29,67 |
|                             |      | max. | 21,00 | 24,00 | 30,00 |
| Diagonal / Köşegen          | e    |      | 23,36 | 26,75 | 32,95 |
| Height / Yükseklik          | m    | min. | 13,30 | 15,30 | 18,90 |
|                             |      | max. | 14,00 | 16,00 | 20,00 |
| Flange dia / Flanş çapı     | D    | min. | 27,60 | 31,90 | 39,90 |
|                             |      | max. | 29,90 | 34,50 | 42,80 |
| Weight / Ağırlık            | gr/p |      | 30,00 | 47,00 |       |

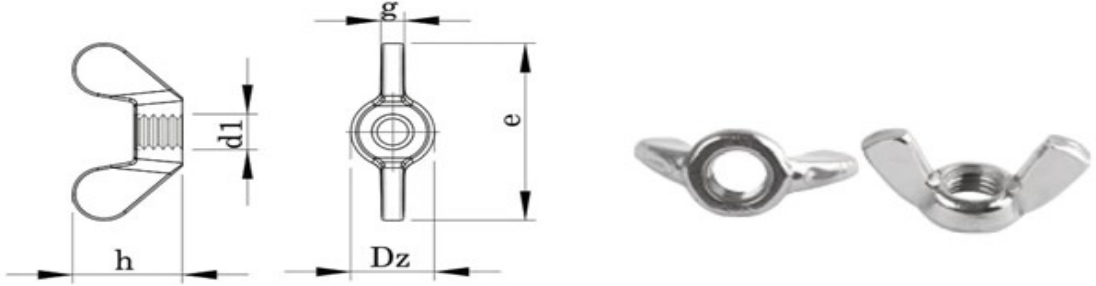


DIN 6923 Hexagon Flange Nuts have a circular washer like flange shaped base that increases the weight bearing surface area to distribute the load over a greater area when tightened. The flange eliminates the need to use a washer with the nut. DIN 6923 Hexagon Flange Nuts are available with or without serrations. The serrations function to act as a locking mechanism to reduce loosening due to vibrational forces.



## DIN 315

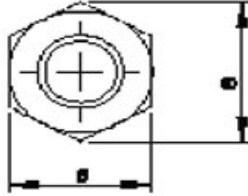
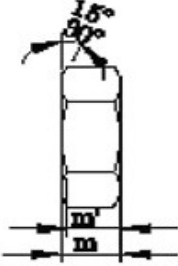
## WING NUTS



| Teknik Bilgiler / Technical Informations |      | M4   | M5    | M6    | M8    | M10   | M12   | M16   | M20    | M24    |
|--|------|------|-------|-------|-------|-------|-------|-------|--------|--------|
| Thread size / Anma çapı (d)              |      | 0,70 | 0,80  | 1,00  | 1,25  | 1,50  | 1,75  | 2,00  | 2,50   | 3,00   |
| Pitch / Diş adımı                        | P    |      |       |       |       |       |       |       |        |        |
| Outside dia / Dış çap                    | d1   | min. | 6,00  | 8,00  | 10,00 | 13,00 | 17,00 | 20,00 | 26,00  | 32,00  |
|  |      | max. | 8,00  | 11,00 | 13,00 | 16,00 | 20,00 | 23,00 | 29,00  | 35,00  |
| Length / Uzunluk                         | e    | min. | 18,00 | 24,00 | 30,00 | 36,00 | 48,00 | 62,00 | 70,00  | 86,00  |
|  |      | max. | 20,00 | 26,00 | 33,00 | 39,00 | 51,00 | 65,00 | 73,00  | 90,00  |
| Thickness / Kalınlık                     | g    | min. | 1,10  | 1,50  | 1,50  | 2,00  | 4,40  | 4,90  | 6,40   | 6,90   |
|  |      | max. | 1,90  | 2,30  | 2,30  | 2,80  | 3,60  | 4,10  | 5,60   | 6,10   |
| Height / Yükseklik                       | h    | min. | 8,50  | 11,00 | 15,00 | 18,00 | 23,00 | 31,00 | 35,00  | 44,00  |
|  |      | max. | 10,50 | 13,00 | 17,00 | 20,00 | 25,00 | 33,50 | 37,50  | 46,50  |
| Weight / Ağırlık                         | gr/p | 2,00 | 4,00  | 8,00  | 17,00 | 35,00 | 60,00 | 90,00 | 180,00 | 260,00 |

| Thread size / Anma çapı (d) |      | 1/4   | 5/16  | 3/8   |
|-----------------------------|------|-------|-------|-------|
| Pitch / Diş adımı           | P    | 20,00 | 18,00 | 16,00 |
| Outside dia / Dış çap       | d2   | 10,50 | 11,90 | 15,30 |
| Length / Uzunluk            | e    | 25,00 | 26,80 | 35,30 |
| Thickness / Kalınlık        | g    | 3,00  | 3,00  | 4,00  |
| Height / Yükseklik          | h    | 12,20 | 12,90 | 17,30 |
| Weight/ Ağırlık             | gr/p | 8,00  | 17,00 | 35,00 |

Metric DIN 315 wing nuts have two rounded wing like projections. This unique design makes it possible to use your thumb and forefinger to turn and tighten the nut rather than a having to use a wrench or other tool thus ensuring easy rapid assembly and disassembly using only fingers. DIN 315 wing nuts can be used for many applications where quick hand tensioning and clamping is required.

**DIN 439-2****HEXAGON THIN NUTS**

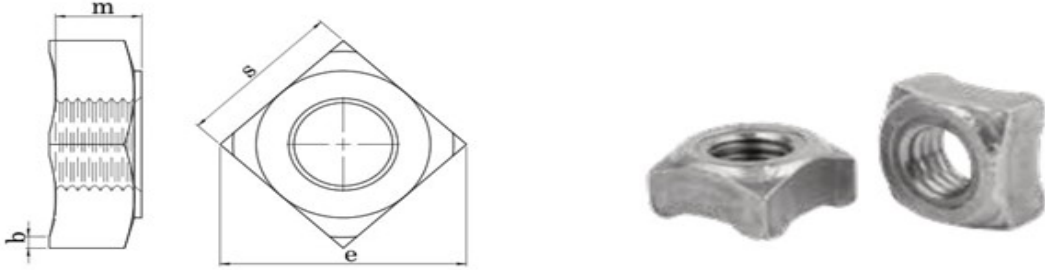
| Teknik Bilgiler / Technical Informations |                | M10        | M12        | M16        | M18        |       |
|--|----------------|------------|------------|------------|------------|-------|
| Thread size / Anma çapı (d)              |                | M10 X 1,00 | M12 X 1,50 | M16 X 1,50 | M18 X 1,50 |       |
| Pitch / Diş adımı<br>(d x p)             | P <sub>1</sub> | M10 X 1,25 | M12 X 1,25 |            | M18 X 2,00 |       |
|  | P <sub>2</sub> |            |            |            |            |       |
|  | P <sub>3</sub> | 1,50       | 1,75       | 2,00       | 2,50       |       |
| d <sub>a</sub>                           | max.           | 10,80      | 13,00      | 17,30      | 19,50      |       |
|  | min.           | 10,00      | 12,00      | 16,00      | 18,00      |       |
| d <sub>w</sub>                           | min.           | 15,60      | 17,40      | 22,50      | 24,90      |       |
|  | e              | min.       | 18,90      | 21,10      | 26,75      | 29,56 |
| Height / Yükseklik                       | m              | nom.=max.  | 5,00       | 6,00       | 8,00       | 9,00  |
|  |                | min.       | 4,70       | 5,70       | 7,42       | 8,42  |
|  | m'             | min.       | 3,76       | 4,56       | 5,94       | 6,74  |
| Head width / Anahtar ağızı               | s              | nom.=max.  | 17,00      | 19,00      | 24,00      | 27,00 |
|  |                | min.       | 16,73      | 18,67      | 23,67      | 26,16 |
| Weight / Ağırlık                         | gr/p           | 7,20       | 10,40      | 20,50      | 29,60      |       |



DIN 439 are thin hexagonal jam nuts with a thickness of 0.5 x diameter. A hex jam nut is a low-profile type of hex nut, typically about half as thick as a regular hex nut. It is often used as a lock nut, where it is threaded up against a standard nut locking it in place. Also in circumstances where a standard nut is too thick for an application, a hex jam nut can be a very useful alternative.





**DIN 928****SQUARE WELD NUTS**

| Teknik Bilgiler / Technical Informations |      |      |      |       |       |           |           |           |       |
|--|------|------|------|-------|-------|-----------|-----------|-----------|-------|
| Thread size / Anma çapı (d)              |      | M4   | M5   | M6    | M7    | M8        | M10       | M12       |       |
| Pitch / Diş adımı                        | P    | 0,70 | 0,80 | 1,00  | 1,00  | 1,25 1,00 | 1,50 1,25 | 1,75 1,25 |       |
| Weld nail / Kaynak tırnağı               | b    | min. | 0,65 | 0,85  | 1,05  | 1,05      | 1,35      | 1,60      | 1,80  |
|  |      | max. | 0,95 | 1,15  | 1,35  | 1,35      | 1,65      | 2,00      | 2,20  |
| Head width / Anahtar ağızı               | s    | 7,00 | 9,00 | 10,00 | 11,00 | 14,00     | 17,00     | 19,00     |       |
| Diagonal / Köşegen                       | e    | min. | 9,00 | 12    | 13,00 | 14,00     | 18,00     | 22,00     | 25,00 |
| Height / Yükseklik                       |      | max. | 3,50 | 4,20  | 5,00  | 5,50      | 6,50      | 8,00      | 9,50  |
| Weight / Ağırlık                         | gr/p |      | 0,81 | 1,70  | 2,40  | 3,05      | 6,50      | 11,30     | 16,60 |

|                             |      |           |           |       |
|-----------------------------|------|-----------|-----------|-------|
| Thread size / Anma çapı (d) |      | M14       | M16       |       |
| Pitch / Diş adımı           | P    | 2,00 1,50 | 2,00 1,50 |       |
| Weld nail / Kaynak tırnağı  | b    | min.      | 2,30      | 2,30  |
|                             |      | max.      | 2,70      | 2,70  |
| Head width / Anahtar ağızı  | s    | 22,00     | 24,00     |       |
| Diagonal / Köşegen          | e    | min.      | 28,00     | 32,00 |
| Height / Yükseklik          |      | max.      | 11,00     | 13,00 |
| Weight / Ağırlık            | gr/p |           | 26,70     | 35,80 |



DIN 928 square weld nuts have four equally spaced welding projections at each corner for solid contact with the weld surface. The projections help to accommodate weld surfaces that may not be perfectly flat. It also features a precision pilot for accurate location and threading of mated components and protecting the threads from welding spatter.

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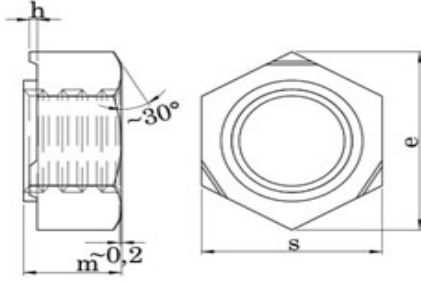
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**DIN 929****HEXAGON WELD NUTS**

| Teknik Bilgiler / Technical Informations |      | M4   | M5    | M6    | M7    | M8    | M10   |
|--|------|------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      | 0,70 | 0,80  | 1,00  | 1,00  | 1,25  | 1,50  |
| Pitch / Diş adımı                        | P    |      |       |       |       | 1,00  | 1,25  |
| Weld nail / Kaynak tırnağı               | h    | min. | 0,60  | 0,60  | 0,68  | 0,68  | 0,75  |
|  |      | max. | 1,00  | 1,00  | 1,12  | 1,12  | 1,25  |
| Head width / Anahtar ağızı               | s    | 9,00 | 10,00 | 11    | 12,00 | 14,00 | 17,00 |
| Diagonal / Köşegen                       | e    | min. | 9,83  | 10,95 | 12,02 | 13,40 | 15,38 |
| Height / Yükseklik                       |      | max. | 3,50  | 4,00  | 5,00  | 5,50  | 6,50  |
|  |      |      |       |       |       |       | 8,00  |
| Weight / Ağırlık                         | gr/p | 1,13 | 1,73  | 2,50  | 3,24  | 5,27  | 9,58  |

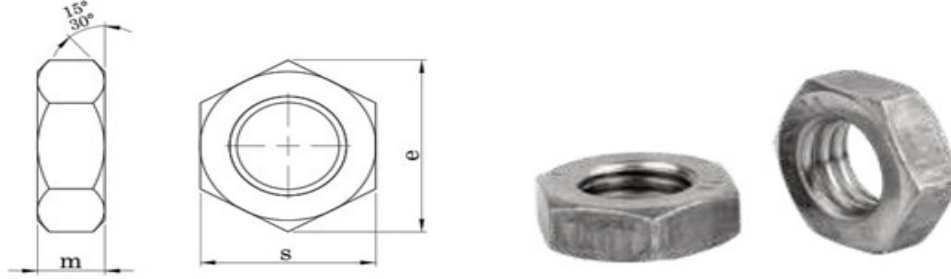
| Thread size / Anma çapı (d) |      | M12   | M14   | M16   |
|-----------------------------|------|-------|-------|-------|
| Pitch / Diş adımı           | P    | 1,75  | 1,25  | 2,00  |
| Weld nail / Kaynak tırnağı  | h    | min.  | 0,95  | 1,10  |
|                             |      | max.  | 1,55  | 1,90  |
| Head width / Anahtar ağızı  | s    | 19,00 | 22,00 | 24,00 |
| Diagonal / Köşegen          | e    | min.  | 20,91 | 24,27 |
| Height / Yükseklik          |      | max.  | 10,00 | 11,00 |
|                             |      |       |       | 13,00 |
| Weight / Ağırlık            | gr/p | 13,70 | 21,30 | 28,50 |



DIN 929 hexagon weld nuts have three equally spaced welding projections for solid contact with the weld surface. The projections help to accommodate weld surfaces that may not be perfectly flat. It also features a precision pilot for accurate location and threading of mated components and protecting the threads from welding spatter.





**DIN 936****HEXAGON THIN NUTS**

| Teknik Bilgiler / Technical Informations |      | M6   | M8    | M10   | M12   | M14   | M16   | M18   | M20   |       |
|--|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      |      |       |       |       |       |       |       |       |       |
| Pitch / Diş adımı                        | P1   |      |       | 1,00  | 1,25  |       |       | 1,50  | 1,50  |       |
|  | P2   |      | 1,00  | 1,25  | 1,50  | 1,50  | 1,50  | 2,00  | 2,00  |       |
|  | P3   | 1,00 | 1,25  | 1,50  | 1,75  | 2,00  | 2,00  | 2,50  | 2,50  |       |
| Head width / Anahtar ağızı               | s    | min. | 12,73 | 16,73 | 18,67 | 21,67 | 23,67 | 26,16 | 29,16 |       |
|  |      | max. | 10,00 | 13,00 | 17,00 | 19,00 | 22,00 | 24,00 | 27,00 | 30,00 |
| Diagonal / Köşegen                       | e    |      | 14,38 | 18,90 | 21,10 | 24,49 | 26,75 | 29,56 | 32,95 |       |
| Height / Yükseklik                       | m    | max. | 3,00  | 5,00  | 6,00  | 7,00  | 8,00  | 8,00  | 9,00  | 9,00  |
|  |      | min. |       | 4,70  | 5,70  | 6,64  | 7,42  | 7,42  | 8,42  | 8,10  |
| Weight / Ağırlık                         | gr/p | 1,50 | 4,00  | 8,60  | 12,10 | 18,20 | 20,10 | 29,60 | 36,30 |       |



DIN 936 Low Profile Hex Nuts are similar to a hex jam nut (DIN 439) but with slightly different heights. They are thin hex nuts about half as thick as a regular hex nut. They are often used as lock nuts, where they are threaded up against a standard nut locking it in place or in any circumstance where a standard nut is too thick for an application, a hex jam nut can be a very useful alternative.

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+90 332 345 0427

+90 536 566 6990

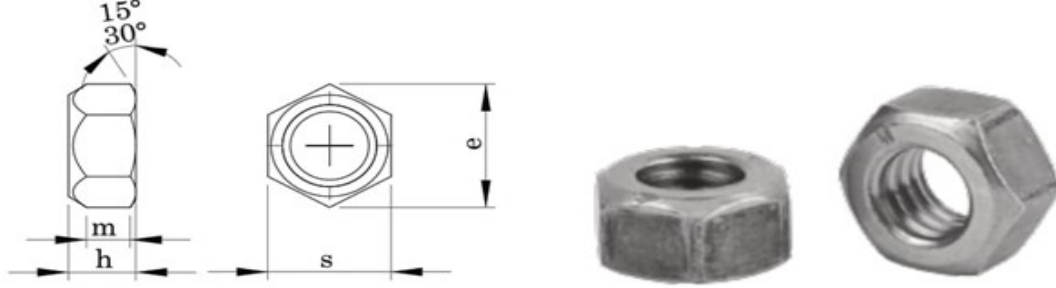


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[info@bitorkfasteners.com](mailto:info@bitorkfasteners.com)

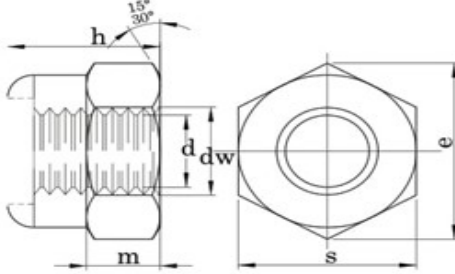
## DIN 980/V PREVALINNG TORQUE TYPE HEX NUT, ISO 7042 ALL METAL



| Teknik Bilgiler / Technical Informations |                |      | M6    | M8      | M10      | M12      | M14      | M16      | M18      | M20      |
|--|----------------|------|-------|---------|----------|----------|----------|----------|----------|----------|
| Thread size / Anma çapı (d)              |                |      |       | M8x1,00 | M10x1,00 | M12x1,50 | M14x1,50 | M16x1,50 | M18x2,00 | M20x1,50 |
| Pitch / Diş adımı (d x p)                | P <sub>1</sub> |      |       |         | M10x1,25 | M12x1,25 |          |          | M18x1,50 | M20x2,00 |
|  | P <sub>2</sub> |      |       |         |          |          |          |          |          |          |
|  | P <sub>3</sub> |      |       |         |          |          |          |          |          |          |
| Flange dia / Flanş çapı                  | da             | min. | 6,00  | 8,00    | 10,00    | 12,00    | 14,00    | 16,00    | 18,00    | 20,00    |
|  |                | max. | 6,75  | 8,75    | 10,80    | 13,00    | 15,10    | 17,30    | 19,50    | 21,60    |
|  | dw             | min. | 8,90  | 11,60   | 15,60    | 17,40    | 20,50    | 22,50    | 24,90    | 27,70    |
| Diagonal / Köşegen                       | e              | min. | 11,05 | 14,38   | 18,90    | 21,10    | 24,49    | 26,75    | 29,56    | 32,95    |
| Height / Yükseklik                       | h              | min. | 5,70  | 7,50    | 9,00     | 11,00    | 12,00    | 14,00    | 16,00    | 18,00    |
|  |                | max. | 6,00  | 8,00    | 10,00    | 12,00    | 14,00    | 16,00    | 18,00    | 20,00    |
|  | m              |      | 3,30  | 4,40    | 5,50     | 6,60     | 7,70     | 8,80     | 9,90     | 11,00    |
| Head widht / Anahtar ağızı               | s              | min. | 9,78  | 12,73   | 16,73    | 18,67    | 21,67    | 23,67    | 26,16    | 29,16    |
|  |                | max. | 10,00 | 13,00   | 17,00    | 19,00    | 22,00    | 24,00    | 27,00    | 30,00    |
| Weight / Ağırlık                         | gr/p           |      | 2,90  | 6,00    | 11,70    | 16,60    | 21,00    | 37,80    | 54,4     | 69,80    |



DIN 980 All Metal Prevailing Torque Type Hex Lock Nuts are a one piece all metal prevailing torque type hex lock nut having a conical top with chamfered corners. The resistance to loosening forces is created by distortion in the top threads. These lock nuts are considered as one-way because they can only be installed one way – top up. Since they are all-metal, they are more resistant to higher temperatures and chemical exposure than non-metallic lock nuts (such as nylon insert lock nuts). They achieve their prevailing torque by distorting the threads of the nut which then bites into the mating part when tightened.

**DIN 982**  
ISO 7040**PREVALING TORQUE NUTS WITH  
NONMETALIC INSERT**

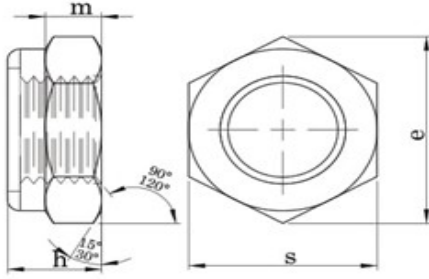
| Teknik Bilgiler / Technical Informations |                     | M6    | M8<br>M8 X 1,00 | M10<br>M10 X 1,00<br>M10 X 1,25 | M12<br>M12 X 1,50<br>M12 X 1,25 |
|--|---------------------|-------|-----------------|---------------------------------|---------------------------------|
| Thread size / Anma çapı (d)              | (d)<br>(d x p)      |       |                 |                                 |                                 |
| Pitch / Diş adımı                        | p                   | 1,00  | 1,25            | 1,50                            | 1,75                            |
|  | d <sub>a</sub> max. | 6,75  | 8,75            | 10,00                           | 13,00                           |
|  | d <sub>a</sub> min. | 6,00  | 8,00            | 10,80                           | 12,00                           |
|  | d <sub>w</sub> min. | 8,90  | 11,60           | 15,60                           | 17,40                           |
| Diagonal / Köşegen                       | e min.              | 11,05 | 14,38           | 18,90                           | 21,10                           |
|  | h nom.=max.         | 8,00  | 9,50            | 11,50                           | 14,00                           |
|  | h min.              | 7,70  | 9,14            | 11,14                           | 13,64                           |
| Diagonal / Köşegen                       | m min.              | 4,90  | 6,44            | 8,04                            | 10,37                           |
|  | m' min.             | 3,92  | 5,15            | 6,43                            | 8,30                            |
| Head width / Anahtar ağızı               | s nom.=max.         | 10,00 | 13,00           | 17,00                           | 19,00                           |
|  | s min.              | 9,78  | 12,73           | 16,73                           | 18,67                           |
| Weight / Ağırlık                         | gr/p max.           | 3,10  | 6,00            | 11,70                           | 16,60                           |



DIN 982 nylon insert lock nuts are prevailing torque type lock nuts which have a permanent undersized non metallic insert (nylon/polyamide) that produces friction between threads of mated components thereby increasing the resistance to loosening forces. DIN 982 is similar in dimensions to DIN 985 except that the total height of DIN 982 nuts a greater. Nylon insert lock nuts may be re- used a limited number of times because the threads of the mating bolt deform but do not cut into the polymer insert. These nuts are considered one-way lock nuts because they can only be installed one-way—top up. The nylon insert limits the use at elevated temperatures or when exposed to certain chemicals.

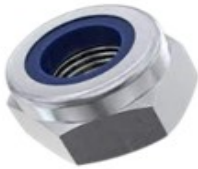




**DIN 985**  
**ISO 10511****NYLON INSERT NUTS**

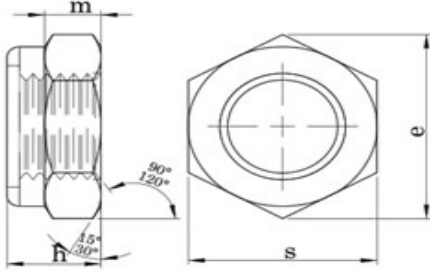
| Teknik Bilgiler / Technical Informations |                | M3   | M4   | M5   | M6    | M7    | M8    | M10   | M12   | M14   |
|--|----------------|------|------|------|-------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |                |      |      |      |       |       |       |       |       |       |
| Pitch / Diş adımı                        | P <sub>1</sub> | 0,50 | 0,70 | 0,80 | 1,00  | 1,00  | 1,25  | 1,50  | 1,75  | 2,00  |
|  | P <sub>2</sub> |      |      |      |       |       | 1,00  | 1,25  | 1,50  | 1,50  |
|  | P <sub>3</sub> |      |      |      |       |       |       | 1,00  | 1,25  |       |
| Head width / Anahtar ağız s              | min.           | 5,32 | 6,78 | 7,78 | 9,78  | 10,73 | 12,73 | 16,73 | 18,67 | 21,67 |
|  | max.           | 5,50 | 7,00 | 8,00 | 10,00 | 11,00 | 13,00 | 17,00 | 19,00 | 22,00 |
| Diagonal / Köşegen e                     |                | 6,01 | 7,66 | 8,79 | 11,05 | 12,12 | 14,38 | 18,90 | 21,10 | 24,49 |
| Height / Yükseklik h                     | min.           | 3,70 | 4,70 | 4,70 | 5,70  | 7,14  | 7,64  | 9,64  | 11,57 | 13,30 |
|  | max.           | 4,00 | 5,00 | 5,00 | 6,00  | 7,50  | 8,00  | 10,00 | 12,00 | 14,00 |
| Weight / Ağırlık gr/p                    |                | 0,50 | 1,00 | 1,40 | 2,40  | 3,00  | 5,10  | 10,60 | 17,20 | 26,00 |

| Teknik Bilgiler / Technical Informations |                | M16   | M18   | M20   | M22   | M24    | M27    | M30    | M33    | M36    |
|--|----------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| Thread size / Anma çapı (d)              |                |       |       |       |       |        |        |        |        |        |
| Pitch / Diş adımı                        | P <sub>1</sub> | 2,00  | 2,50  | 2,50  | 2,50  | 3,00   | 3,00   | 3,50   | 3,50   | 4,00   |
|  | P <sub>2</sub> | 1,50  | 2,00  | 2,00  | 2,00  | 2,00   | 2,00   | 2,00   | 2,00   | 2,00   |
|  | P <sub>3</sub> |       | 1,50  | 1,50  | 1,50  |        |        |        |        |        |
| Head width / Anahtar ağız s              | min.           | 23,67 | 26,16 | 29,16 | 31,00 | 35,00  | 40,00  | 45,00  | 49,00  | 53,80  |
|  | max.           | 24,00 | 27,00 | 30,00 | 32,00 | 36,00  | 41,00  | 46,00  | 50,00  | 55,00  |
| Diagonal / Köşegen e                     |                | 26,75 | 29,56 | 32,95 | 35,03 | 39,55  | 45,20  | 55,85  | 55,37  | 60,79  |
| Height / Yükseklik h                     | min.           | 15,30 | 17,66 | 18,70 | 20,70 | 22,70  | 25,70  | 28,70  | 31,40  | 34,40  |
|  | max.           | 16,00 | 18,50 | 20,00 | 22,00 | 24,00  | 27,00  | 30,00  | 33,00  | 36,00  |
| Weight / Ağırlık gr/p                    |                | 34,00 | 45,00 | 65,00 | 75,00 | 100,00 | 162,00 | 212,00 | 317,00 | 415,00 |



DIN 985 nylon insert lock nuts low profile are prevailing torque type lock nuts which have a permanent undersized non metallic insert (nylon/polyamide) that produces friction between threads of mated components thereby increasing the resistance to loosening forces. Nylon insert lock nuts may be re-used a limited number of times because the threads of the mating bolt deform but do not cut into the polymer insert. These nuts are considered one-way lock nuts because they can only be installed one-way—top up. The nylon insert limits the use at elevated temperatures or when exposed to certain chemicals



**DIN 985**  
ISO 10511**HEXAGON NYLON INSERT NUTS**

| Teknik Bilgiler / Technical Informations |                |        |        |        |        |
|--|----------------|--------|--------|--------|--------|
| Thread size / Anma çapı (d)              |                | M39    | M42    | M45    | M48    |
| Pitch / Diş adımı                        | P <sub>1</sub> | 4,00   | 4,50   | 4,50   | 5,00   |
|  | P <sub>2</sub> | 3,00   | 3,00   | 3,00   | 3,00   |
|  | P <sub>3</sub> |        |        |        |        |
| Head width / Anahtar ağız s              | min.           | 58,80  | 63,80  | 68,10  | 73,10  |
|  | max.           | 60,00  | 65,00  | 70,00  | 75,00  |
| Diagonal / Köşegen e                     |                | 66,44  | 72,09  | 76,95  | 82,60  |
| Height / Yükseklik h                     | min.           | 37,40  | 40,40  | 43,40  | 46,40  |
|  | max.           | 39,00  | 42,00  | 45,00  | 48,00  |
| Weight / Ağırlık gr/p                    |                | 499,00 | 628,00 | 771,00 | 998,00 |

| Thread size / Anma çapı (d) |  | 1/4   | 5/16  | 3/8   | 7/16  | 1/2   | 9/16  | 5/8   | 3/4   | 7/8   | 1"12   |
|-----------------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Pitch / Diş adımı p         |  | 28,00 | 24,00 | 24,00 | 20,00 | 20,00 | 18,00 | 18,00 | 16,00 | 14,00 | 14,00  |
| Head width / Anahtar ağız s |  | 11,00 | 13,00 | 14,00 | 17,00 | 19,00 | 22,00 | 24,00 | 28,00 | 33,00 | 37,00  |
| Diagonal / Köşegen e        |  | 12,39 | 14,14 | 15,95 | 19,50 | 21,33 | 24,94 | 26,69 | 31,49 | 37,50 | 41,91  |
| Height / Yükseklik h        |  | 8,33  | 9,11  | 11,91 | 13,30 | 15,46 | 16,66 | 19,43 | 22,60 | 25,37 | 28,54  |
| Weight / Ağırlık gr/p       |  | 3,60  | 5,00  | 7,53  | 8,92  | 19,00 | 28,22 | 37,50 | 51,56 | 83,66 | 113,00 |

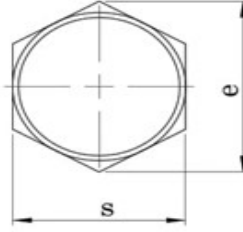
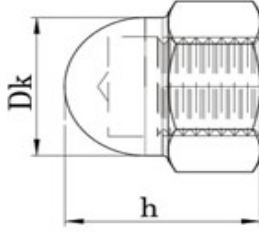


We have hot forging production for DIN 985 large size nuts (M26 and above).



## DIN 1587

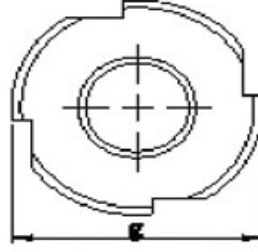
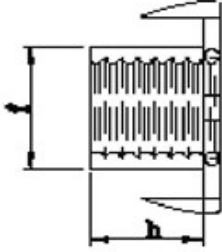
## HEXAGON DOMED CAP NUTS



| Teknik Bilgiler / Technical Informations |                |       |       |       |       |       |       |       |
|--|----------------|-------|-------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |                | M4    | M5    | M6    | M8    | M10   | M12   |       |
| Pitch / Diş adımı                        | P              | 0,70  | 0,80  | 1,00  | 1,25  | 1,50  | 1,75  |       |
| Head widht / Anahtar ağızı               | s              | min.  | 6,78  | 7,78  | 9,78  | 12,73 | 16,00 |       |
|  |                | max.  | 7,00  | 8,00  | 10    | 13    | 17    | 19    |
| Diagonal / Köşegen                       | e              | min.  |       |       |       | 17,77 | 20,03 |       |
|  |                | max.  | 7,66  | 8,79  | 11,05 | 14,38 | 18,90 | 21,10 |
| Height / Yükseklik                       | h              | min.  | 7,64  | 6,64  | 11,57 | 14,57 | 17,57 | 21,48 |
|  |                | max.  | 8,00  | 10,00 | 12,00 | 15,00 | 18,00 | 22,00 |
| Diameter / Çap                           | d <sub>k</sub> | min.  |       |       |       | 15,00 | 17,00 |       |
|  |                | max.  | 6,50  | 7,50  | 9,50  | 12,50 | 16,00 | 18,00 |
| Weight / Ağırlık                         | gr/p           | 3,80  | 4,00  | 4,66  | 11,00 | 20,10 | 28,30 |       |
| Thread size / Anma çapı (d)              |                | M14   | M16   | M18   | M20   | M22   | M24   |       |
| Pitch / Diş adımı                        | P              | 2,00  | 2,00  | 2,50  | 2,50  | 2,50  | 3,00  |       |
| Head widht / Anahtar ağızı               | s              | min.  | 20,67 | 23,00 | 26,67 | 29,67 | 31,61 | 35,38 |
|  |                | max.  | 22,00 | 24,00 | 27,00 | 30,00 | 32,00 | 36,00 |
| Diagonal / Köşegen                       | e              | min.  | 23,35 |       |       |       | 35,72 |       |
|  |                | max.  | 24,49 | 26,75 | 30,14 | 33,53 | 37,72 | 39,98 |
| Height / Yükseklik                       | h              | min.  | 24,48 | 27,48 | 31,38 | 33,38 | 38,38 | 41,38 |
|  |                | max.  | 25,00 | 28,00 | 32,00 | 34,00 | 39,00 | 42,00 |
| Diameter / Çap                           | d <sub>k</sub> | min.  | 20,00 |       |       |       | 31,00 |       |
|  |                | max.  | 21,00 | 23,00 | 26,00 | 28,00 | 33,00 | 34,00 |
| Weight / Ağırlık                         | gr/p           | 57,20 | 54,30 | 95,00 | 104   | 129   | 216   |       |
| Thread size / Anma çapı (d)              |                | 5/32  | 3/16  | 1/4   | 5/16  | 3/8   | 1/2   |       |
| Pitch / Diş adımı                        | P              | 32,00 | 24,00 | 20,00 | 18,00 | 16,00 | 13,00 |       |
| Head widht / Anahtar ağızı               | s              | 7,00  | 8,00  | 11,00 | 13,00 | 14,00 | 22,00 |       |
| Diagonal / Köşegen                       | e              | 7,90  | 9,65  | 12,40 | 14,15 | 15,95 | 21,34 |       |
| Height / Yükseklik                       | h              | 8,00  | 10,00 | 12,00 | 15,00 | 14,47 | 25,00 |       |
| Diameter / Çap                           | d <sub>k</sub> | 6,50  | 7,50  | 10,50 | 12,50 | 13,50 | 21,50 |       |
| Weight / Ağırlık                         | gr/p           | 1,31  | 1,33  | 3,14  | 6,18  | 8,10  | 13,50 |       |

DIN 1587 hexagon domed cap nuts have a smooth rounded head that covers the hex nut base. The domed surface protects the bolt threads underneath while providing a finished appearance and may improve safety in certain circumstances.



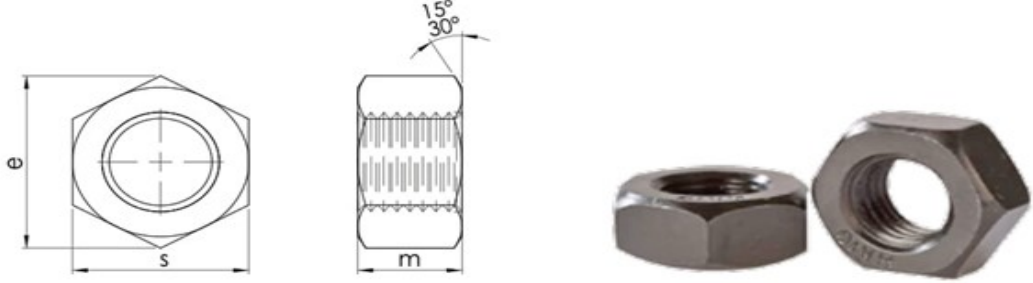
**DIN 1624**  
**EN 10230-1****TEE NUTS**

| Teknik Bilgiler / Technical Informations |      |       |       |       |             |             |       |             |
|--|------|-------|-------|-------|-------------|-------------|-------|-------------|
| Thread size / Anma çapı (d)              |      | M3    | M4    | M5    | M6          | M8          | M10   | 5/16        |
| Weight / Ağırlık                         | g    | 13,00 | 15,00 | 17,00 | 19,00       | 22,00       | 25,50 | 22,00       |
| Outside dia / Dış Çap                    | f    | 4,40  | 5,60  | 6,50  | 7,70        | 10,00       | 12,00 | 10,00       |
| Height / Yükseklik                       | h    | 5,00  | 6,00  | 8,00  | 10,00 12,00 | 11,00 15,00 | 13,00 | 11,00 15,00 |
| Weight / Ağırlık                         | gr/p |       |       | 2,50  | 3,80        | 5,20        | 9,35  | 5,20        |



Tee Nuts, known as 4 prong tee nuts, 4 claws tee nut, it can made by cold forged or by stamping. Tee Nuts widely use in furniture.



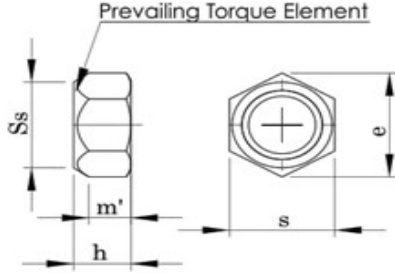
**DIN 6915**  
ISO 7414**HIGH- STRENGTH HEXAGON NUTS**

| Teknik Bilgiler / Technical Informations |      | M12   | M16   | M20   | M22    | M24    | M27    | M30    | M36    |
|--|------|-------|-------|-------|--------|--------|--------|--------|--------|
| Thread size / Anma çapı (d)              |      |       |       |       |        |        |        |        |        |
| Pitch / Diş adımı                        | P    | 1,75  | 2,00  | 2,50  | 2,50   | 3,00   | 3,00   | 3,50   | 4,00   |
| Head width / Anahtar ağızı s             | min. | 21,16 | 26,16 | 31,00 | 35,00  | 40,00  | 45,00  | 49,00  | 58,80  |
|  | max. | 22,00 | 27,00 | 32,00 | 36,00  | 41,00  | 46,00  | 50,00  | 60,00  |
| Diagonal / Köşegen e                     |      | 23,91 | 29,56 | 35,03 | 39,55  | 45,20  | 50,85  | 55,37  | 66,44  |
| Height / Yükseklik h                     | min. | 9,64  | 12,30 | 14,90 | 16,90  | 17,70  | 20,70  | 22,70  | 27,70  |
|  | max. | 10,00 | 13,00 | 16,00 | 18,00  | 19,00  | 22,00  | 24,00  | 29,00  |
| Weight / Ağırlık                         | gr/p | 23,30 | 44,80 | 73,90 | 104,00 | 155,00 | 224,00 | 300,00 | 515,00 |



DIN 6915 Nuts act as a releasable connection or fastening element for all types of components. Most of DIN 6915 Nuts are made of steel, stainless steel, brass, aluminium, rust and acid resistant materials, heat resistant alloys, alloy steel, unalloyed steel or special alloys with different quality and strengths. DIN 6915 Nuts are available in all possible sizes for mainly used in Mechanical Engineering, Automotive and Steel Construction.



**DIN 6925**  
EN ISO 7042**ALL METAL PREVAILING TORQUE  
TYPE HEXAGON NUTS**

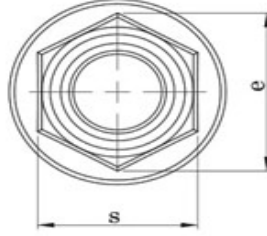
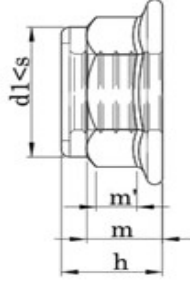
| Teknik Bilgiler / Technical Informations |                | (d)  | M6    | M8        | M10        | M12        | M14        |
|--|----------------|------|-------|-----------|------------|------------|------------|
| Thread size / Anma çapı                  | p <sub>1</sub> |      |       | M8 X 1,00 | M10 X 1,00 | M12 X 1,50 | M14 X 1,50 |
|  | p <sub>2</sub> |      |       |           | M10 X 1,25 | M12 X 1,25 |            |
|  | p <sub>3</sub> |      | 1,00  | 1,25      | 1,50       | 1,75       | 2,00       |
| d <sub>a</sub>                           | max.           |      | 6,75  | 8,75      | 10,80      | 13,00      | 15,10      |
|  | min.           |      | 6,00  | 8,00      | 10,00      | 12,00      | 14,00      |
| d <sub>w</sub>                           | min.           |      | 8,90  | 11,60     | 14,60      | 16,60      | 19,60      |
|  |                |      |       |           |            |            |            |
| Diagonal / Köşegen                       | e              | min. | 11,05 | 14,38     | 17,77      | 20,03      | 23,35      |
|  |                |      |       |           |            |            |            |
| h  | min.           |      | 6,00  | 8,00      | 10,00      | 12,00      | 14,00      |
|  | max.           |      | 5,70  | 7,50      | 9,00       | 11,00      | 12,00      |
|  |                |      |       |           |            |            |            |
| m'                                       | min.           |      | 3,30  | 4,40      | 5,50       | 6,60       | 7,70       |
|  | max.           |      | 10,00 | 13,00     | 16,00      | 18,00      | 21,00      |
|  |                |      |       |           |            |            |            |
| Head width / Anahtar ağızı               | s              | min. | 9,78  | 12,73     | 15,73      | 17,73      | 20,67      |
|  |                |      |       |           |            |            |            |
| Weight / Ağırlık                         | gr/p           |      | 2,40  | 5,10      | 9,40       | 14,50      | 22,30      |



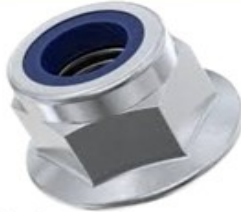
DIN 6925 nut able to work under hazardous environments without losing its functionality. It creates friction interference between the mating components threads due to self-contained feature. DIN 6925 hexagonal nuts with clamping part can use for many different project applications such as mechanical, automation, metal construction, aerospace and other sectors.





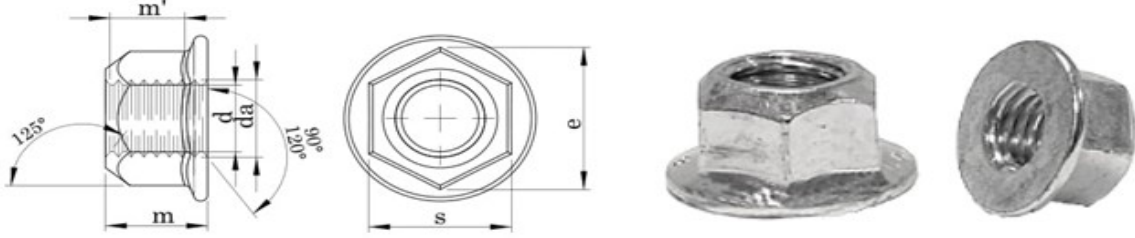
**DIN 6926**  
ISO 7043**HEXAGON FLANGE LOCK NUTS**

| Teknik Bilgiler / Technical Informations |                | (d)       | M6    | M8        | M10        | M12        |
|--|----------------|-----------|-------|-----------|------------|------------|
| Thread size / Anma çapı                  | p <sub>1</sub> |           |       | M8 X 1,00 | M10 X 1,00 | M12 X 1,50 |
|  | p <sub>2</sub> |           |       |           | M10 X 1,25 | M12 X 1,25 |
|  | p <sub>3</sub> |           | 1,00  | 1,25      | 1,50       | 1,75       |
|  | c              | min.      | 1,10  | 1,20      | 1,50       | 1,80       |
| d <sub>a</sub>                           | max.           | 6,75      | 8,75  | 10,80     | 13,00      |            |
|  | min.           | 6,00      | 8,00  | 10,00     | 12,00      |            |
| d <sub>c</sub>                           | max.           | 14,20     | 17,90 | 21,80     | 26,00      |            |
|  | min.           | 12,20     | 15,80 | 19,60     | 23,80      |            |
| Diagonal / Köşegen                       | e              | min.      | 11,05 | 14,38     | 16,64      | 20,03      |
|  | h              | max.      | 9,10  | 11,10     | 13,50      | 16,10      |
| Height / Yükseklik                       | m              | min.      | 5,70  | 7,60      | 9,60       | 11,60      |
|  | m'             | min.      | 3,10  | 4,50      | 5,50       | 6,70       |
| Head width / Anahtar ağız                | s              | nom.=max. | 10,00 | 13,00     | 15,00      | 18,00      |
|  | r              | min.      | 9,78  | 12,73     | 14,73      | 17,73      |
| Weight / Ağırlık                         | gr/p           | max.      | 0,36  | 0,48      | 0,60       | 0,72       |
|  |                |           | 4,28  | 8,72      | 13,80      | 24,64      |



DIN 6926 Nylon Insert Hexagon Flange Lock Nuts have a circular washer like flange shaped base that increases the weight bearing surface to distribute the load over a greater area when tightened. The flange eliminates the need to use a washer with the nut. In addition these nuts contain a permanent nylon ring within the nut that grip the threads of the mating screw/bolt and functions to resist loosening. DIN 6926 Nylon Insert Hexagon Flange Lock Nuts are available with or without serrations. The serrations function to act as another locking mechanism to reduce loosening due to vibrational forces.



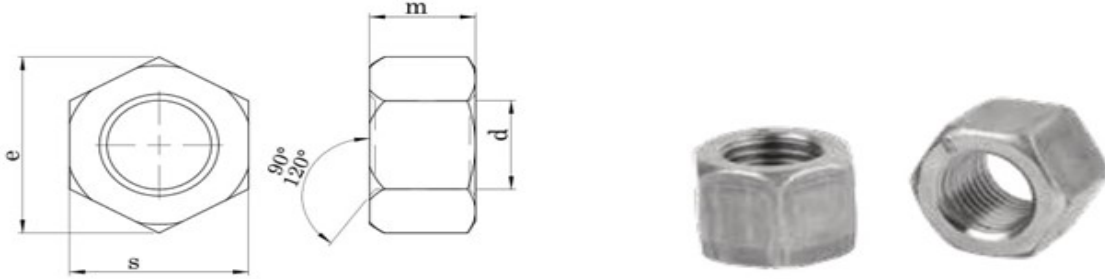
**DIN 6927**  
ISO 7044**ALL METAL HEXAGON FLANGE NUTS**

| Teknik Bilgiler / Technical Informations |          | M6        | M 8    | M10     | M12     | M14     |
|--|----------|-----------|--------|---------|---------|---------|
| Thread size / Anma çapı (d)              |          |           |        |         |         |         |
| Pitch / Diş adımı                        | p1       |           | 8×1.00 | 10×1.00 | 12×1.25 | 14×1.50 |
|  | p2       |           |        | 10×1.25 | 12×1.50 |         |
|  | p3       | 1,00      | 1,25   | 1,50    | 1,75    | 2,00    |
| Head width / Anahtar ağızı s             | nom=max. | 10,00     | 13,00  | 15,00   | 18,00   | 21,00   |
|  | min.     | 9,78      | 12,73  | 14,73   | 17,73   | 20,67   |
| Diagonal / Köşegen                       | e        | 11,05     | 14,38  | 16,64   | 20,03   | 23,36   |
| Height / Yükseklik                       | m        | 5,70      | 7,60   | 9,60    | 11,60   | 13,30   |
|  | m'       | 3,10      | 4,50   | 5,50    | 6,70    | 7,80    |
|  | c        | 1,00      | 1,20   | 1,50    | 1,80    | 2,10    |
|  | d        | 12,20     | 15,80  | 19,60   | 23,80   | 27,60   |
|  | da       | min. 6,00 | 8,00   | 10,00   | 12,00   | 14,00   |
|  |          | max. 6,75 | 8,75   | 10,80   | 13,00   | 15,10   |
|  | dc       | 14,20     | 17,90  | 21,80   | 26,00   | 29,90   |
|  | h        | 7,30      | 9,40   | 11,40   | 13,80   | 15,90   |
|  | r        | 0,36      | 0,48   | 0,60    | 0,72    | 0,88    |
| Weight / Ağırlık                         | gr/p     | 3,50      | 7,85   | 12,54   | 25,30   | 34,00   |



DIN 6927 Flanged Stover Nuts are hex all-metal prevailing torque self-locking nut with an integrated washer. It is sometimes referred to as being 'washer faced'. An all-metal prevailing torque self-locking nut, with an incorporated non-spinning washer. The flange further reduces the risk of this nut loosening – and the nut is considered vibration resistant.



**DIN 6330****HEXAGON NUTS, HEIGHT 1,5D**

| Teknik Bilgiler / Technical Informations |      |       |       |       |       |       |       |       |        |
|--|------|-------|-------|-------|-------|-------|-------|-------|--------|
| Thread size / Anma çapı (d)              |      | M 8   | M 10  | M 12  | M 14  | M 16  | M 20  | M 22  | M 24   |
| Pitch / Diş adımı                        | p    | 1,25  | 1,50  | 1,75  | 2,00  | 2,00  | 2,50  | 2,50  | 3,00   |
| Height / Yükseklik                       | m    | 12,00 | 14,00 | 16,00 | 18,00 | 20,00 | 24,00 | 26,00 | 29,00  |
| Head width / Anahtar ağız                | s    | 13,00 | 17,00 | 19,00 | 22,00 | 24,00 | 30,00 | 32,00 | 36,00  |
| Weight / Ağırlık                         | gr/p | 9,18  | 20,43 | 24,37 | 36,17 | 48,34 | 92,09 | 94,25 | 164,00 |

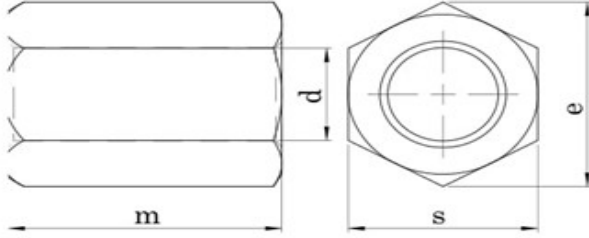
| Thread size / Anma çapı (d) |      | 5/16  | 3/8   | 7/16  | 1/2   | 9/16  | 5/8   | 3/4   | 7/8    | 1"     |
|-----------------------------|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Pitch / Diş adımı           | p    | 24,00 | 24,00 | 20,00 | 20,00 | 18,00 | 18,00 | 16,00 | 14,00  | 12,00  |
| Height / Yükseklik          | m    | 10,00 | 12,00 | 14,00 | 16,00 | 18,00 | 20,00 | 22,00 | 26,00  | 29,00  |
| Head width / Anahtar ağız   | s    | 12,00 | 14,00 | 17,00 | 19,00 | 22,00 | 24,00 | 27,00 | 32,00  | 36,00  |
| Weight / Ağırlık            | gr/p | 6,31  | 8,60  | 18,15 | 22,78 | 37,24 | 47,80 | 61,09 | 103,00 | 153,00 |



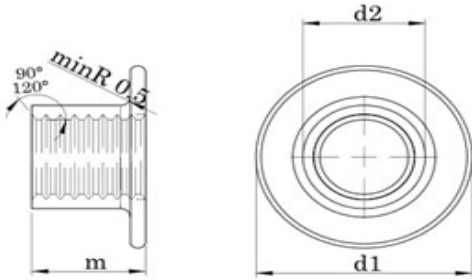
DIN 6330 Hexagon Nuts are hex nuts that are thicker than standard metric hex nuts. DIN 6330 metric hex nuts have a height of 1.5 x the diameter. Also one of the faces is rounded matching DIN 6319 conical seats which in certain assemblies can compensate for uneven surfaces.





**DIN 6334****HEXAGON COUPLING NUTS, HEIGHT 3D**

| Teknik Bilgiler / Technical Informations |      | M6    | M8    | M10   | M12   |
|--|------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      |       |       |       |       |
| Diagonal / Köşegen                       | e    | 11,10 | 15,00 | 19,60 | 21,90 |
| Height / Yükseklik                       | m    | 18,00 | 24,00 | 30,00 | 36,00 |
| Head width / Anahtar ağızı               | s    | 10,00 | 13,00 | 17,00 | 19,00 |
| Weight / Ağırlık                         | gr/p | 28,00 | 41,00 | 69,00 | 78,00 |

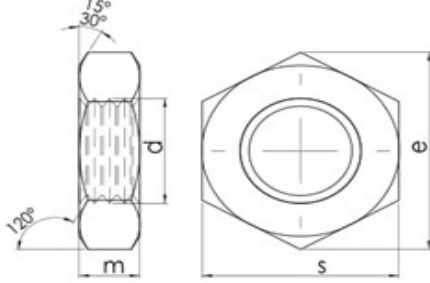
**T NUTS**

| Teknik Bilgiler / Technical Informations |                     | M 6   | M 8   | M 10  | 3/8 UNC | 5/16 UNC |
|--|---------------------|-------|-------|-------|---------|----------|
| Thread size / Anma çapı (d)              |                     |       |       |       |         |          |
| Pitch / Diş adımı                        | P                   | 1,00  | 1,25  | 1,50  | 16,00   | 18,00    |
| Outside Dia / Dış Çap                    | d <sub>1</sub> min. | 19,00 | 21,20 | 21,30 | 21,30   | 21,20    |
|  | d <sub>1</sub> max. | 19,20 | 21,50 | 21,70 | 21,70   | 21,50    |
| Inside Dia / İç çap                      | d <sub>2</sub> min. | 7,75  | 9,75  | 11,75 | 11,75   | 9,75     |
|  | d <sub>2</sub> max. | 8,00  | 10,00 | 12,00 | 12,00   | 10,00    |
| Height / Yükseklik                       | m min.              | 7,75  | 9,75  | 10,75 | 10,75   | 9,75     |
|  | m max.              | 8,00  | 10,00 | 11,00 | 11,00   | 10,00    |
| Weight / Ağırlık                         | gr/p                | 4,27  | 6,87  | 7,93  | 8,41    | 7,10     |



## ASME B.18.2.2

## UNC/UNF HEXAGON NUTS



| Teknik Bilgiler / Technical Informations |       |      |       |       |       |       |       |       |       |       |
|--|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |       | 1/4  | 5/16  | 3/8   | 7/16  | 1/2   | 9/16  | 5/8   | 3/4   |       |
| Pitch / Diş adımı                        | P     | UNC  | 20,00 | 18,00 | 16,00 | 14,00 | 13,00 | 12,00 | 11,00 | 10,00 |
|  |       | UNF  | 28,00 | 24,00 | 24,00 | 20,00 | 20,00 | 18,00 | 18,00 | 16,00 |
| Head width / Anahtar ağızı               | s     | min. | 10,87 | 12,42 | 14,00 | 17,15 | 18,69 | 21,87 | 23,42 | 27,64 |
|  |       | max. | 11,13 | 12,70 | 14,27 | 17,48 | 19,05 | 22,23 | 23,83 | 28,58 |
| Diagonal / Köşegen                       | e     | min. | 12,40 | 14,15 | 15,95 | 19,51 | 21,34 | 24,94 | 26,70 | 31,50 |
|  |       | max. | 12,83 | 14,66 | 16,51 | 20,17 | 22,00 | 25,65 | 27,51 | 32,99 |
| Height / Yükseklik                       | m     | min. | 5,38  | 6,55  | 8,13  | 9,27  | 10,85 | 12,01 | 13,59 | 15,67 |
|  |       | max. | 5,74  | 6,93  | 8,56  | 9,78  | 11,38 | 12,60 | 14,20 | 16,89 |
| Weight / Ağırlık                         | gr/p. |      |       | 5,03  | 7,28  | 12,90 | 16,88 | 26,50 | 33,40 | 53,50 |

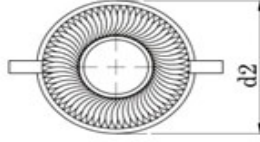
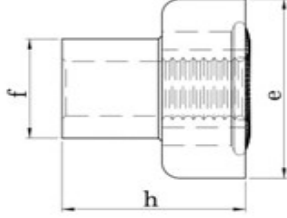
| Thread size / Anma çapı (d) |       | 7/8  | 1"    | 1" 12  | 1" 14  | 1/2 WHT | 1 1/8 | 1 1/4  | 1 1/2  |        |
|-----------------------------|-------|------|-------|--------|--------|---------|-------|--------|--------|--------|
| Pitch / Diş adımı           | P     | UNC  | 9,00  | 8,00   | 12,00  | 14,00   | 12,00 | 7,00   | 7,00   | 6,00   |
|                             |       | UNF  | 14,00 | 12,00  | 12,00  | 14,00   | 12,00 | 12,00  | 12,00  | 12,00  |
| Head width / Anahtar ağızı  | s     | min. | 32,23 | 36,83  |        |         | 18,69 | 41,43  | 46,02  | 55,25  |
|                             |       | max. | 33,32 | 38,10  |        |         | 19,05 | 42,88  | 47,63  | 57,15  |
| Diagonal / Köşegen          | e     | min. | 36,75 | 41,99  |        |         | 21,33 | 47,22  | 52,48  | 62,99  |
|                             |       | max. | 38,51 | 43,99  |        |         | 21,99 | 49,5   | 54,99  | 65,99  |
| Height / Yükseklik          | m     | min. | 18,39 | 21,11  |        |         | 10,84 | 23,85  | 26,16  | 31,63  |
|                             |       | max. | 19,71 | 22,53  |        |         | 11,37 | 25,37  | 27,79  | 33,45  |
| Weight / Ağırlık            | gr/p. |      | 85,14 | 121,85 | 121,85 | 121,85  | 13,94 | 142,00 | 202,00 | 353,00 |



Fine and coarse thread nuts in **INCH** sizes.

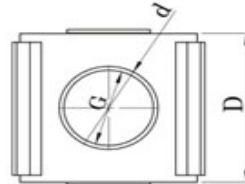
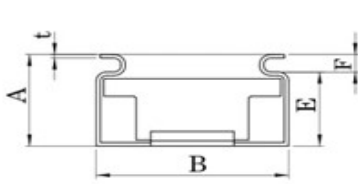


## WING NUTS - PLASTIC COATED



| Teknik Bilgiler / Technical Informations |                |       |       |
|--|----------------|-------|-------|
| Thread size / Anma çapı (d)              |                | 5/16  | M 8   |
| Height / Yükseklik                       | h              | 25,00 | 25,00 |
| Inside hole dia / İç delik çapı          | f              | 13,00 | 13,00 |
| Wings width / Kanat genişliği            | e              | 35,00 | 35,00 |
| Base dia / Taban çapı                    | d <sub>2</sub> | 24,00 | 24,00 |
| Weight / Ağırlık                         | gr/p           | 7,48  | 7,54  |

## CAGE NUTS

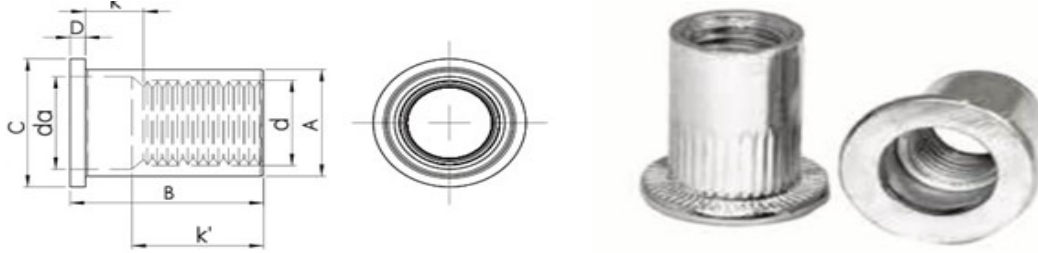


| Teknik Bilgiler / Technical Informations |      |       |       |       |
|--|------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      | M4    | M5    | M6    |
|  | p1   | 0,70  | 0,80  | 1,00  |
|  | m    | 4,50  | 4,50  | 4,50  |
|  | s    | 11,00 | 11,00 | 11,00 |
| A  | max. | 8,85  | 8,85  | 8,85  |
|  | min. | 8,75  | 8,75  | 8,75  |
| B  | max. | 12,95 | 12,95 | 12,95 |
|  | min. | 12,85 | 12,85 | 12,85 |
| D  | max. | 12,85 | 12,85 | 12,85 |
|  | min. | 12,75 | 12,75 | 12,75 |
| E  | max. | 6,22  | 6,22  | 6,22  |
|  | min. | 6,18  | 6,18  | 6,18  |
| F  | max. | 2,22  | 2,22  | 2,22  |
|  | min. | 2,18  | 2,18  | 2,18  |
| G  | max. | 7,01  | 7,01  | 7,01  |
|  | min. | 6,99  | 6,99  | 6,99  |
| I  | max. | 0,40  | 0,40  | 0,40  |
| Weight / Ağırlık                         | gr/p | 4,62  | 4,44  | 4,60  |



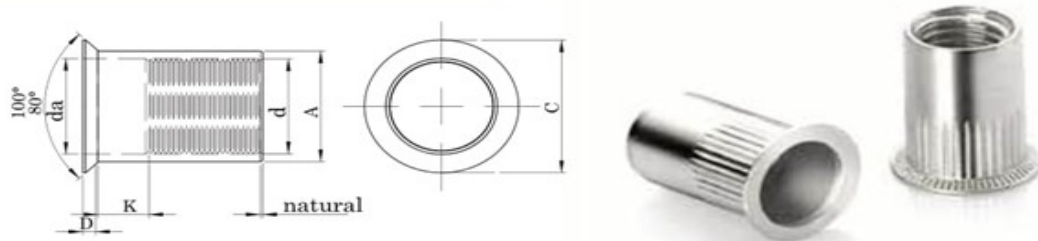


## CYLINDER FLAT HEAD RIVET NUTS



| Teknik Bilgiler / Technical Informations |      | M5    | M6    | M8    | M10   |
|--|------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      |       |       |       |       |
| A  | p1   | 0,80  | 1,00  | 1,25  | 1,50  |
|  | max. | 6,90  | 8,90  | 10,90 | 12,90 |
|  | min. | 6,78  | 8,78  | 10,78 | 12,78 |
| k  | max. | 5,00  | 6,00  | 8,00  | 8,00  |
|  | min. | 5,50  | 7,50  | 9,10  | 10,90 |
| B  | max. | 12,00 | 15,00 | 18,00 | 21,00 |
|  | min. | 11,40 | 14,40 | 17,40 | 20,40 |
| da                                       | max. | 6,00  | 7,50  | 9,10  | 11,45 |
|  | min. | 5,70  | 7,20  | 8,80  | 11,15 |
| Pitch / Diş adımı                        | f1   | 36,00 | 40,00 | 62,00 | 48,00 |
|  | f2   | 32,00 | 36,00 | 36,00 | 36,00 |
| D  | max. | 1,00  | 1,70  | 1,70  | 1,90  |
|  | min. | 0,60  | 1,30  | 1,30  | 1,50  |
| Weight / Ağırlık                         | gr/p | 1,86  | 3,84  | 5,72  | 8,10  |

## CYLINDER THIN HEAD RIVET NUTS



| Teknik Bilgiler / Technical Informations |      | M5    | M6    | M8    | M10   |
|--|------|-------|-------|-------|-------|
| Thread size / Anma çapı (d)              |      |       |       |       |       |
| A  | p1   | 0,8   | 1,00  | 1,25  | 1,50  |
|  | max. | 6,90  | 8,90  | 10,90 | 12,90 |
|  | min. | 6,78  | 8,78  | 10,78 | 12,78 |
| k  | max. | 5,00  | 6,00  | 8,00  | 8,00  |
|  | min. | 5,50  | 7,50  | 8,30  | 9,50  |
| B  | max. | 10,00 | 14,60 | 16,90 | 19,30 |
|  | min. | 9,40  | 14,00 | 16,30 | 18,70 |
| da                                       | max. | 6,00  | 7,50  | 9,40  | 11,40 |
|  | min. | 5,70  | 7,20  | 9,10  | 11,10 |
| Pitch / Diş adımı                        | f2   | 36,00 | 36,00 | 36,00 | 36,00 |
|  | max. | 0,50  | 0,60  | 0,60  | 0,70  |
| Weight / Ağırlık                         | gr/p | 1,52  | 3,18  | 4,52  | 6,67  |