# Flanged Flush Hex 

## 回 Knurled Flanged

## Rivet Nuts

Once installed, nuts provide permanent, captive threads that won't loosen when vibrated, or rotate when attached to the mating material. Large-flanged head allows increased push-out strength and extends above the material to provide built-in spacer.

| Nut Type |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Grip Range | Flange <br> Dia. | Body <br> Dia. | Drill Size |  | Material | Item <br> No. | Pkg. <br> Qty. |
| $\mathbf{6 - 3 2}$ Thread Size |  |  |  |  |  |  |  |

8-32 Thread Size

| Flanged | 0.010 in to 0.075 in | 0.357 in | 0.221 in | \#2 | Steel Zinc | 5NNK5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0.010 in to 0.075 in | 0.357 in | 0.221 in | \#2 | Aluminum Plain | 5NNK6 |  |
|  | 0.075 in to 0.120 in | 0.357 in | 0.221 in | \#2 | Aluminum Plain | 5NNH1 |  |
|  | 0.075 in to 0.120 in | 0.357 in | 0.221 in | \#2 | Steel Zinc | 5NNG7 |  |
| Floating | 0.020 in to 0.100 in | 0.555 in | 0.431 in | 7/16 in | Steel Clear Trivale | 32FX20 |  |
| Thread | 0.027 in to 0.130 in | 0.5 in | 0.39 in | 25/64 in | Steel Clear Trivale | 32FX25 |  |
| Flush | 0.020 in to 0.080 in | 0.295 in | 0.249 in | $1 / 4$ in | Aluminum Plain | 5NNK7 |  |
|  | 0.019 in to 0.079 in | 0.287 in | 0.249 in | 1/4 in | Steel Zinc | 5NNJO |  |
| Hex | 0.020 in to 0.080 in | 0.375 in | 0.249 in | 1/4 in | Steel Zinc Yellow | 32FY38 |  |
|  | 0.080 in to 0.130 in | 0.375 in | 0.249 in | 1/4 in | Steel Zinc Yellow | 32FY39 |  |
| Knurled Flanged | 0.020 in to 0.080 in | 0.392 in | 0.264 in | 17/64 in | Steel Zinc | 5NNL2 |  |
|  | 0.020 in to 0.080 in | 0.392 in | 0.264 in | 17/64 in | Aluminum Plain | 5NNL8 |  |
|  | 0.080 in to 0.130 in | 0.392 in | 0.264 in | 17/64 in | Steel Zinc | 5NNP7 |  |
|  | 0.080 in to 0.130 in | 0.392 in | 0.264 in | 17/64 in | Aluminum Plain | 5NNR4 |  |
|  | 0.020 in to 0.080 in | 0.31 in | 0.265 in | H | Steel Zinc Yellow | 32FY52 |  |
|  | 0.080 in to 0.130 in | 0.31 in | 0.265 in | H | Steel Zinc Yellow | 32FY53 |  |
| Swaged | 0.030 in to 1.00 in | 0.269 in | 0.2495 in | to ${ }^{\text {17/64 }}$ | Steel Clear Cadmiu | 32FY65 |  |

## 10-24 Thread Size


#### Abstract

 0.010 in to 0.080 in 0.406 in 0.25 in


 Floating 0.020 in to 0.100 in 0.555 in 0.431 inThread Flush 0.020 in to 0.130 in 0.32 in 0.28 in 0.010 in to 0.085 in 0.359 in 0.223 in
$1 / 4$ in
$1 / 4$ in
$1 / 4$

$1 / 4$ in $\begin{array}{ll}\text { Steel Zinc } & \text { 5NNG8 } \\ \text { Steel Zinc } & 5 N N F 5\end{array}$ | $1 / 4$ | in | Aluminum Plain | 5NNJ2 |
| :---: | :---: | :---: | :---: |
| $5 / 10$ |  |  |  |
| $7 / 16$ in | Steel Clear Trivalent | 32FX21 | 50 | Steel Zinc 5 NNH5 50 |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | 0.020 in to 0.130 in | 0.413 in | 0.295 in |  |
|  | 0.417 in | 0.295 in |  |  |
|  | 0.130 in to 0.225 in | 0.417 in | 0.295 in |  | Flanged 0.020 in to 0.130 in 0.34 in 0.296 in $\begin{array}{llllll}\text { Swaged } & 0.030 \text { in to } 1.00 \text { in } & 0.306 \text { in } 0.2805 \text { in } 9 / 32 \text { to } 19 / 64 \text { in Steel Clear Cadmium 32FY66 } 100\end{array}$ 10-32 Thread Size

0.079 in to 0.130 in 0.406 in 0.25 in $1 / 4$ in $\quad$ Steel Zinc $5 N N G 950$

Flanged $\begin{array}{lll}0.010 \text { in to } 0.080 \text { in } & 0.406 \text { in } & 0.25 \text { in } \\ 0.080 \text { in to } 0.130 \text { in } & 0.406 \text { in } & 0.25 \text { in }\end{array}$ |  | 0.010 in to 0.080 in | 0.406 in | 0.25 in |
| :--- | :--- | :--- | :--- |
|  | 0.25 | 0.25 |  |
|  |  |  |  | Thread 0.027 in to 0.150 in 0.555 in 0.431 in Flush $\quad 0.020$ in to 0.130 in 0.32 in 0.28 in Flush 0.020 in to 0.130 in 0.32 in 0.28 in

0.010 in to 0.085 in 0.359 in 0.223 in
0.085 in to 0.135 in 0.359 in 0.223 in

| 0.020 in to 0.130 in | 0.39 in |
| :--- | :--- |
| 0.130 in to 0.225 in | 0.39 in |
| 0.28 in |  |
| 0.130 in to 0.225 in | 0.417 in |


| 0.130 in to 0.225 in | 0.417 in | 0.295 in |
| :--- | :--- | :--- |
| 0.020 in to 0.130 in | 0.413 in | 0.295 in | Knurled 0.130 in to 0.225 in 0.417 in 0.295 in Flanged $\frac{0.020 \text { in to } 0.130 \text { in } \quad 0.417 \text { in } 0.295 \text { in }}{}$| 0.020 in to 0.130 in |
| :--- |
| 0.34 in |
| 0.296 in | $\begin{array}{llll} & 0.130 \text { in to } 0.225 \text { in } & 0.34 \text { in } & 0.296 \text { in } \\ \text { Slotted } & 0.020 \text { in to } 0.175 \text { in } & 0.51 \text { in } & 0.329 \text { in } \\ & 0.175 & \text { in }\end{array}$ Body 0.175 in to 0.320 in 0.51 in 0.329 in

## 1/4-20 Thread Size

$\begin{array}{lll}0.140 \text { in to } 0.200 \text { in } & 0.475 \text { in } & 0.332 \text { in } \\ 0.079 \text { in to } 0.138 \text { in } & 0.475 \text { in } & 0.332 \text { in }\end{array}$
Flanged $\qquad$
$\qquad$
0.140 in to 0.200 in 0.475 in
0.165 in to 0.260 in 0.5 in 0.39 in

| 3 in | $Q$ |  |
| :---: | :---: | ---: |
| 32 in | $Q$ | Alum |
| 2 in | $Q$ |  |
| 32 in | $Q$ | Q |
| 32 in | $Q$ | Alum |


| Nut Type |  | Flange Dia | Body Dia |  |  | Item No. | Pkg |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Nut Type | Grip Range |  |  | Drill Size | Material | No. |  | Floating 0.027 in to 0.150 in 0.685 in 0.53 in $17 / 32$ in Steel Clear Trivalent 32FX27 10



 |  | Flush | 0.030 in to 0.165 in | 0.415 in | 0.374 in | $3 / 8$ in | Aluminum Plain | 5NNLO | 50 |
| :--- | :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 0.020 in to 0.085 in | 0.452 in | 0.296 in | $19 / 64$ | Steel Clear Trivalent 32FX14 | 25 |  |  |  |

 $\begin{array}{lllllll}0.165 \text { in to } 0.260 \text { in } & 0.51 \text { in } & 0.374 \text { in } & 3 / 8 \text { in } & \text { Steel Zinc Yellow } & 32 F Y 45 & 40 \\ 0.165 \text { in to } 0.260 \text { in } & 0.492 \text { in } & 0.39 \text { in } & 256 \text { in } & \text { Steel Zinc } & 5 N N P 3 & 40\end{array}$


 |  | 0.165 in to 0.260 in | 0.455 in | 0.39 in | 2564 in | Steel Zinc Yellow |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | $32 F Y 59$ | 40 |  |  |
| Slotted | 0.020 in to 0.280 in | 0.645 in | 0.382 in | 2564 in | Steel Zinc Yellow |
|  | $0.25 F X 33$ | 10 |  |  |  | $\begin{array}{lllllllllllll}\text { Body } & 0.280 \text { in to } 0.50 \text { in } 0.645 \text { in } 0.382 \text { in } & 25 / 64 \text { in } & \text { Steel Zinc Yellow } & 32 F X 34 & 25\end{array}$ Swaged 0.030 in to 1.00 in 0.4 in 0.3745 in $3 / 8$ to ${ }^{25 / 64}$ in Steel Clear Cadmium 32FY68 50

## 5/16-18 Thread Size

| Flanged | 0.118 in to 0.197 in | 0.665 in | 0.413 in | Z | Steel Zinc | 5NNKO |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0.030 in to 0.125 in | 0.665 in | 0.413 in | Z | Steel Zinc | 5NNF8 |  |
|  | 0.030 in to 0.125 in | 0.665 in | 0.413 in | Z | Aluminum Plain | 5NNGO |  |
| Flush | 0.030 in to 0.165 in | 0.56 in | 0.499 in | $1 / 2$ in | Steel Zinc | 5NNK1 |  |
|  | 0.030 in to 0.165 in | 0.56 in | 0.499 in | $1 / 2$ in | Aluminum Plain | 5NNJ9 |  |
| Hex | 0.030 in to 0.105 in | 0.577 in | 0.368 in | U | Steel Clear Trivalent | 32FX16 |  |
|  | 0.105 in to 0.175 in | 0.577 in | 0.368 in | U | Steel Clear Trivalen | 32FX17 |  |
|  | 0.175 in to 0.245 in | 0.577 in | 0.368 in | U | Steel Clear Trivalent | 32FX18 |  |
|  | 0.027 in to 0.150 in | 0.655 in | 0.499 in | $1 / 2$ in | Steel Zinc Yellow | 32FY46 |  |
|  | 0.150 in to 0.312 in | 0.655 in | 0.499 in | $1 / 2$ in | Steel Zinc Yellow | 32FY47 |  |
| Knurled <br> Flanged | 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Aluminum Plain | 5NNPO |  |
|  | 0.150 in to 0.312 in | 0.685 in | 0.53 in | $17 / 32$ in | Aluminum Plain | 5NNP1 |  |
|  | 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN4 |  |
|  | 0.150 in to 0.312 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN5 |  |
|  | 0.027 in to 0.150 in | 0.595 in | 0.53 in | 17/32 in | Steel Zinc Yellow | 32FY60 |  |
|  | 0.150 in to 0.312 in | 0.595 in | 0.53 in | $17 / 32$ in | Steel Zinc Yellow | 32FY61 |  |


| Slotted |
| :---: |
| Body |

0.020 in to 0.280 in $\quad 0.77$ in 0.495 in $\quad 1 / 2$ in $\quad$ Steel Zinc Yellow 32 FX37 5 Swaged 0.030 in to 1.00 in 0.528 in 0.4995 in $1 / 2$ to ${ }^{33 / 64}$ in Steel Clear Cadmium 32FY69 25
$3 / 8-16$ Thread Size

| Flanged | 0.115 in to 0.200 in | 0.781 in | 0.49 in | $1 / 2$ in | Steel Zinc | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0.030 in to 0.115 in | 0.781 in | 0.49 in | 1/2 in | Steel Zinc | 5NNF9 |
|  | 0.030 in to 0.115 in | 0.781 in | 0.49 in | $1 / 2 \mathrm{in}$ | Aluminum Plain | 5NNG2 |
|  | 0.115 in to 0.200 in | 0.781 in | 0.49 in | $1 / 2$ in | Aluminum Plain | 5NNJ6 |
| Flush | 0.030 in to 0.165 in | 0.56 in | 0.499 in | 1/2 in | Steel Zinc | 5NNK8 |
|  | 0.030 in to 0.165 in | 0.56 in | 0.499 in | $1 / 2$ in | Aluminum Plain | 5NNJ5 |
| Hex | 0.104 in to 0.239 in | 0.671 in | 0.437 in | 7/16 in | Steel Clear Trivalent | 32FX19 |
|  | 0.027 in to 0.150 in | 0.655 in | 0.499 in | $1 / 2$ in | Steel Zinc Yellow | 32FY48 |
|  | 0.150 in to 0.312 in | 0.655 in | 0.499 in | $1 / 2$ in | Steel Zinc Yellow | 32FY49 |
| Knurled Flanged | 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Aluminum Plain | 5NNP2 |
|  | 0.150 in to 0.312 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN1 |
|  | 0.150 in to 0.312 in | 0.685 in | 0.53 in | 17/32 in | Aluminum - | 5NNN3 |
|  | 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN6 |
|  | 0.027 in to 0.150 in | 0.595 in | 0.53 in | 17/32 in | Steel Zinc Yellow | 32FY62 |
|  | 0.150 in to 0.312 in | 0.595 in | 0.53 in | 17/32 in | Steel Zinc Yellow | 32FY63 |

Swaged 0.030 in to 1.00 in 0.588 in 0.5615 in $9 / 16$ to ${ }^{37 / 64}$ in Steel Clear Cadmium 32FY70 25
M4x0.70 Thread Size

| M4x0.70 Thread Size |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Floating 0.50 in to 2.50 in | 14.1 mm | 10.95 in | 7/16 in | Steel Clear Trivalent | 32FX23 | 5 |
| Thread 0.70 in to 3.30 in | 12.7 mm | 9.91 in | X | Steel Clear Trivalent | 32FX28 | 0 |
| Flush 0.019 in to 0.079 in | 0.287 in | 0.249 in | 1/4 in | Steel Zinc | 5NNJ7 | 50 |
| Knurled 0.019 in to 0.079 in | 0.39 in | 0.26 in | 17/64 in | Steel Zinc | 5NNL5 | 100 |
| Flanged 0.080 in to 0.130 in | 0.392 in | 0.264 in | 17/64 in | Steel Zinc | 5NNR0 | 50 |
| M5x0.80 Thread Size |  |  |  |  |  |  |
| Floating 0.50 in to 2.50 in | 14.1 mm | 10.95 in | 7/16 in | Steel Clear Trivalen | 32FX24 | 5 |
| Thread 0.70 in to 3.30 in | 12.7 mm | 9.91 in | X | Steel Clear Trivalent | 32FX29 | 0 |
| Flush 0.020 in to 0.130 in | 0.315 in | 0.28 in | $9 / 32$ in | Steel Zinc | 5NNJ8 | 50 |
| Knurled 0.019 in to 0.130 in | 0.413 in | 0.29 in | 19/64 in | Steel Zinc | 5NNL6 | 100 |
| Flanged 0.130 in to 0.225 in | 0.417 in | 0.295 in | 19/64 in | Steel Zinc | 5NNR1 | 50 |
| M6x1.0 Thread Size |  |  |  |  |  |  |
| Floating Thread 0.70 in to 3.80 in | 17.4 mm | 13.46 in | 17/32 in | Steel Clear Trivalent | 32FX30 | 10 |
| Flush 0.030 in to 0.165 in | 0.413 in | 0.374 in | $3 / 8$ in | Steel Zinc | 5NNK2 | 40 |
| 0.027 in to 0.165 in | 0.5 in | 0.39 in | 25/64 in | Steel Zinc | 5NNR2 | 50 |
| Knurled 0.027 in to 0.165 in | 0.5 in | 0.39 in | 25/64 in | Aluminum Plain | 5NNR8 | 50 |
| Flanged 0.165 in to 0.260 in | 0.5 in | 0.39 in | 25/64 in | Steel Zinc | 5NNP4 | 40 |
| Slotted Body 0.50 mm to 7.10 mm | $\begin{gathered} 16.38 \\ \mathrm{~mm} \end{gathered}$ | 9.7 mm | X | Steel Zinc Yellow | 32FX35 | 10 |
| M8x1.25 Thread Size |  |  |  |  |  |  |
| Flush 0.040 in to 0.200 in | 0.56 in | 0.499 in | 1/2 in | Steel Zinc | 5NNK9 | 25 |
| Knurled 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN7 | 25 |
| Flanged 0.150 in to 0.312 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN8 | 25 |
| Slotted Body 0.50 mm to 7.10 mm | $\begin{gathered} 19.65 \\ \mathrm{~mm} \end{gathered}$ | 12.57 mm | $1 / 2$ in | Steel Zinc Yellow | 32FX36 | 5 |
| M10x1.50 Thread Size |  |  |  |  |  |  |
| Knurled 0.150 in to 0.312 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN2 | 20 |
| Flanged 0.027 in to 0.150 in | 0.685 in | 0.53 in | 17/32 in | Steel Zinc | 5NNN9 | 25 |



2136 GRAINGER.

Rivet Nut Tools-Pneumatic and Manual

| Note: Additional head sets are available at Grainger.com ${ }^{\circledR}$. |  | Description | Item |
| :---: | :---: | :---: | :---: |
|  | Item | Rivet Nut Hand Tools |  |
| Description | No. | DLHT-I Heavy Duty Inch Tool | 32FX97 |
| Hydro-Pneumatic Flex-5 Tools |  | DLHT-M Heavy Duty Metric Tool | 32FX98 |
| FLEX-5P | 32FX38 | DRHT-I Ratchet Style Inch Tool | 32FX99 |
| FLEX-5S | 32FX39 | DRHT-M Ratchet Style Metric Tool | 32FX95 |
| Rivet Nut Pneumatic Spin Tool |  | Hand Tool 6-32 Size | 32FY21 |
| SSG-801 Pistol Style Series | 32FX73 | Hand Tool 8-32 Size | 32FY22 |
| SSG-802 Pistol Style Series | 32FX74 | Hand Tool 10-32 Size | 32FY32 |
| SSG-803 Pistol Style Series | 32FX75 | Hand Tool 1 1/4-20 Size | 32FY33 |
| SSG-808 Pistol Style Series | 32FX76 | Hand Tool M3 Size | 32FY27 |


| Description | Item No. |
| :---: | :---: |
| Hand Tool M4 Size | 32FY28 |
| Hand Tool M5 Size | 32FY29 |
| Hand Tool M5 Size | 32FY34 |
| Hand Tool M6 Size | 32FY35 |
| Hand Tool M10 Size | 32FY26 |
| Hand Tool 10-32 Size | 32FY20 |
| Hand Tool 1 1/-20 Size | 32FY23 |
| Hand Tool $5 / 16$-18 Size | 32FY24 |
| Hand Tool ${ }^{3 / 8}$-16 Size | 32FY25 |
| Hand Tool M6 Size | 32FY30 |
| Hand Tool M8 Size | 32FY31 |

