

## Nylon Locking Hole and Knockout Plugs

- Temp. range: $-40^{\circ}$ to $250^{\circ} \mathrm{F}$

Plugs close excess chassis holes, wiring outlets, and production access holes. Multiple locks snap into panels

| Thickness | Hole Dia. | Head Dia. | Pkg. Oty. | WHITE No. | BLACK Item No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Locking Hole Plugs |  |  |  |  |  |
| 0.234 in | 3/16 in | 0.25 in | 25 | 1ELU1 | 1ELT9 |
| 0.312 in | $1 / 4$ in | 0.312 in | 25 | 1ELU3 | 1ELU2 |
|  | 5/16 in | 0.375 in | 25 | 1 ELU5 | 1ELU4 |
| 0.406 in | $3 / 8$ in | 0.468 in | 25 | 1ELU7 | 1ELU6 |
|  | 7/16 in | 0.531 in | 25 | 1ELU9 | 1ELU8 |
|  | $1 / 2$ in | 0.578 in | 25 | 1ELV2 | 1ELV1 |
|  | 9/16 in | 0.656 in | 25 | 1ELV4 | 1ELV3 |
|  | 5/8 in | 0.718 in | 25 | 1ELV6 | 1ELV5 |
|  | 11/16 in | 0.781 in | 25 | 1ELV8 | 1ELV7 |
|  | $3 / 4$ in | 0.922 in | 25 | 1ELW1 | 1ELV9 |
|  | 13/16 in | 0.89 in | 25 | 1ELW3 | 1ELW2 |
| 0.453 in | 7/8 in | 1.016 in | 25 | 1ELW5 | 1ELW4 |
|  | 1 in | 1.203 in | 25 | 1ELW7 | 1ELW6 |
|  | $13 / 32$ in | 1.218 in | 25 | 1ELW9 | 1ELW8 |
|  | $13 / 16$ in | 1.312 in | 25 | 1ELX2 | 1ELX1 |
|  | $11 / 4$ in | 1.375 in | 25 | 1ELX4 | 1ELX3 |
|  | $13 / 8$ in | 1.5 in | 25 | 1ELX6 | 1ELX5 |
|  | $11 / 2$ in | 1.672 in | 25 | 1ELX8 | 1ELX7 |
|  | $13 / 4$ in | 1.925 in | 25 | 1ELY1 | 1ELX9 |
|  | 2 in | 2.14 in | 25 | 1ELY3 | 1 ELY2 |
| 0.75 in | $21 / 2$ in | 2.775 in | 25 | 1ELY5 | 1ELY4 |
| Thickness | Hole Dia. | Head Dia. | For Panel Thickness |  | $\begin{aligned} & \text { Pkg. } \\ & \text { aty. } \end{aligned}$ |
| Locking Knockout Plugs - Gray |  |  |  |  |  |
| 0.453 in | 7/8 in | 1.016 in | 0.032 to 0.125 |  | 210 |
|  | $11 / 8$ in | 1.218 in | 0.032 to 0.125 |  | 310 |
|  | $13 / 8$ in | 1.5 in | 0.032 to 0.125 |  | 410 |
|  | $13 / 4$ in | 1.925 in | 0.032 to 0.125 |  | 510 |
|  | 2 in | 2.14 in | 0.032 to 0.125 |  | 610 |

With Offset Hole


## Tab Base Weld Nuts

With Projections
Nuts with offset hole have a single projection and can be used to reinforce or brace an area, while nuts with projections have a center hole and provide the greatest weld strength.

| Dia./ <br> Thread Size | Weld Projecti | se Length | Base Width | Base Thickness | Pilot <br> Dia. | Pilot Height | Pilot Hole Size | Item No. | Pkg. Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tab Base Weld Nut with Offset Hole |  |  |  |  |  |  |  |  |  |
| Steel |  |  |  |  |  |  |  |  |  |
| \#6-32 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | $3 / 16$ in | 0.03 in | 13/64 in | 1LAF5 | 50 |
|  | - | 23/32 in | 7/16 in | $3 / 32$ in | $3 / 16$ in | 0.034 in | 13/64 in | 1LAG3 | 50 |
| \#8-32 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | 13/64 in | 0.03 in | $7 / 32$ in | 1LAF6 | 50 |
|  | - | 23/32 in | $7 / 16$ in | $3 / 32$ in | 13/64 in | 0.034 in | $7 / 32$ in | 1LAG4 | 50 |



## Nylon Bushings

- Thickness tolerance: $\pm 0.15^{\prime \prime}$
- Temp. range: $-40^{\circ}$ to $250^{\circ} \mathrm{F}$
- Pkg Qty: 25

| Hole Dia. | Inside Dia. | Outside Dia. | BLACK Item No. | WHITE Item No. |
| :---: | :---: | :---: | :---: | :---: |
| Insulating Bushing |  |  |  |  |
| 0.312 in | 0.25 in | 0.375 in | 1ELY8 | 1ELY9 |
| 0.375 in | 0.187 in | 0.468 in | 1EMB1 | 1EMB2 |
| 0.375 in | 0.25 in | 0.468 in | 1EMB3 | 1EMB4 |
| 0.437 in | 0.312 in | 0.531 in | 1EMB7 | 1EMB8 |
| 0.5 in | 0.375 in | 0.562 in | 1ELZ3 | 1ELZ4 |
| 0.5 in | 0.375 in | 0.578 in | 1EMC6 | 1 EMC7 |
| 0.562 in | 0.437 in | 0.656 in | 1EMD3 | - |
| 0.625 in | 0.5 in | 0.718 in | 1EMD9 | 1EME1 |
| 0.687 in | 0.5 in | 0.781 in | 1EME2 | - |
| 0.75 in | 0.5 in | 0.843 in | 1EME8 | - |
| 0.75 in | 0.562 in | 0.843 in | 1EMG1 | - |
| 0.75 in | 0.625 in | 0.828 in | 1ELZ9 | 1EMA1 |
| 0.875 in | 0.5 in | 0.953 in | 1EMH4 | - |
| 0.875 in | 0.562 in | 0.953 in | 1EMH6 | - |
| 0.875 in | 0.625 in | 0.953 in | 1EMH8 | 1EMH9 |
| 0.875 in | 0.687 in | 0.953 in | 1EMJ1 | 1EMJ2 |
| 0.875 in | 0.75 in | 0.937 in | 1EMA4 | 1EMA5 |
| 1 in | 0.75 in | 1.125 in | 1EMJ3 | 1EMJ4 |
| 1.093 in | 0.937 in | 1.218 in | 1EMJ9 | 1EMK1 |
| 1.25 in | 0.937 in | 1.359 in | 1EMK4 | 1EMK5 |
| 1.375 in | 1 in | 1.468 in | 1EMK6 | 1EMK7 |
| 1.5 in | 1.062 in | 1.609 in | 1EMK8 | 1EMK9 |
| 1.75 in | 1.375 in | 1.875 in | 1EML5 | 1EML6 |
| 2 in | 1.625 in | 2.125 in | 1EML7 | 1 EML8 |
| All Fit Bushing |  |  |  |  |
| 0.625 in | 0.437 in | 0.718 in | 1EML9 | 1EMN1 |
| 0.75 in | 0.5 in | 0.859 in | 1EMN2 | 1EMN3 |
| 0.875 in | 0.562 in | 0.937 in | 1EMN6 | 1EMN7 |
| 1 in | 0.75 in | 1.062 in | 1EMN8 | - |
| 1.093 in | 0.812 in | 1.156 in | 1EMN9 | - |


| Dia./ Thread Size | Weld <br> Projections | Base Length | Base Width | Base <br> Thickness | Pilot Dia. | Pilot Height | Pilot <br> Hole Size | Item No. | Pkg. Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#10-24 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.03 in | $1 / 4$ in | 1LAF7 | 50 |
|  | - | 13/16 in | 7/16 in | $3 / 32$ in | 15/64 in | 0.034 in | $1 / 4$ in | 1LAG5 | 50 |
| \#10-32 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.03 in | $1 / 4$ in | 1LAF8 | 50 |
|  | - | 13/16 in | 7/16 in | $3 / 32$ in | 15/64 in | 0.034 in | $1 / 4$ in | 1LAG6 | 50 |
| 1/4"-20 | - | 13/16 in | $1 / 2$ in | $3 / 32$ in | 19/64 in | 0.05 in | $5 / 16$ in | 1LAF9 | 50 |
|  | - | 15/16 in | $1 / 2$ in | $3 / 32$ in | $9 / 32$ in | 0.041 in | $5 / 16$ in | 1LAG7 | 50 |
| 5/16"-18 | - | 63/64 in | $5 / 8$ in | $1 / 8$ in | 23/64 in | 0.08 in | $3 / 8$ in | 1LAG1 | 50 |
|  | - | $11 / 8$ in | 7/16 in | $1 / 8$ in | 23/64 in | 0.084 in | $3 / 8$ in | 1LAG8 | 50 |
| 3/8"-16 | - | 63/64 in | $5 / 8$ in | 9/64 in | $7 / 16$ in | 0.09 in | 29/64 in | 1LAG2 | 50 |
|  | - | $11 / 4$ in | 9/16 in | $1 / 8$ in | 7/16 in | 0.094 in | 29/64 in | 1LAG9 | 50 |
| Stainless Steel |  |  |  |  |  |  |  |  |  |
| \#8-32 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | 13/64 in | 0.03 in | 7/32 in | 1LAE5 | 10 |
| \#10-24 | - | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.03 in | $1 / 4$ in | 1LAE6 | 10 |
| \#10-32 | - | 5/8 in | 7/16 in | $3 / 32$ in | 15/64 in | 0.03 in | $1 / 4$ in | 1LAE7 | 10 |
| $1 / 4^{\prime \prime}-20$ | - | ${ }^{13 / 16}$ in | $1 / 2$ in | $1 / 8$ in | 19/64 in | 0.05 in | $5 / 16$ in | 1LAE8 | 10 |
| 1/4"-28 | - | 13/16 in | $1 / 2$ in | $1 / 8$ in | 19/64 in | 0.05 in | $5 / 16$ in | 1LAE9 | 10 |
| 5/16"-18 | - | 63/64 in | $5 / 8$ in | 9/64 in | 23/64 in | 0.08 in | $3 / 8$ in | 1LAF1 | 10 |
| 3/8"-16 | - | $11 / 8$ in | $5 / 8$ in | $9 / 64$ in | $7 / 16$ in | 0.09 in | 29/64 in | 1LAF3 | 10 |

Tab Base Weld Nut with Projections

| Steel |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#10-24 | 1 | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.032 in | $1 / 4$ in | 1LAH5 | 50 |
|  | 4 | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.032 in | $1 / 4$ in | 1LAJ7 | 50 |
| \#10-32 | 1 | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.032 in | $1 / 4$ in | 1LAH6 | 50 |
|  | 2 | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.032 in | $1 / 4$ in | 1LAJ4 | 50 |
|  | 4 | $5 / 8$ in | 7/16 in | $3 / 32$ in | 15/64 in | 0.032 in | $1 / 4$ in | 1LAJ8 | 50 |
| 1/4"-20 | 1 | 13/16 in | $1 / 2$ in | $1 / 8$ in | 19/64 in | 0.054 in | 5/16 in | 1LAH7 | 50 |
|  | 2 | 13/16 in | $1 / 2$ in | $1 / 8$ in | 19/64 in | 0.054 in | 5/16 in | 1LAJ5 | 50 |
|  | 4 | 13/16 in | $1 / 2$ in | $3 / 32$ in | 19/64 in | 0.032 in | 5/16 in | 1LAJ9 | 50 |
| 1/4"-28 | 1 | $13 / 16$ in | $1 / 2$ in | $1 / 8$ in | 19/64 in | 0.054 in | 5/16 in | 1LAH8 | 50 |
| 5/16"-18 | 1 | 63/64 in | $5 / 8$ in | $9 / 64$ in | 23/64 in | 0.085 in | $3 / 8$ in | 1LAH9 | 50 |
|  | 4 | 63/64 in | $5 / 8$ in | $1 / 8$ in | 23/64 in | 0.085 in | $3 / 8$ in | 1LAK1 | 50 |
| 3/8"-16 | 1 | $11 / 8$ in | $5 / 8$ in | $9 / 64$ in | 7/16 in | 0.094 in | 29/64 in | 1LAJ1 | 50 |
|  | 4 | 63/64 in | $5 / 8$ in | $1 / 8$ in | 7/16 in | 0.094 in | 29/64 in | 1LAK2 | 50 |
| 1/2"-13 | 4 | $11 / 4 \mathrm{in}$ | $3 / 4$ in | $3 / 16$ in | 19/32 in | 0.094 in | 39/64 in | 1LAK3 | 50 |
| $\begin{aligned} & \text { M6- } \\ & 1.00 \end{aligned}$ | 1 | 20.7 mm | 13 mm | 3.2 mm | 7.5 mm | 1.3 mm | 8 mm | 1LAJ2 | 50 |
|  | 2 | 20.7 mm | 13 mm | 3.2 mm | 7.5 mm | 1.3 mm | 8 mm | 1LAJ6 | 50 |

