

| Weld Nuts - Offset Hole Design With Single Projection EN/ES Paulin |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | A | C | B | F | E | G | -Od | - $\mathbf{K}$ | $\pi 5$ |
| Size | Width | Thickness | Length | Pilot Diameter | Pilot Height | Target Diameter | Target Thickness | Center of Pilot Hole to Outside of Rounded Edge | Sheet Hole |
| 6-32 | $\begin{aligned} & .390 \\ & .370 \end{aligned}$ | $\begin{aligned} & .097 \\ & .091 \end{aligned}$ | $\begin{aligned} & .734 \\ & .704 \end{aligned}$ | $\begin{aligned} & .198 \\ & .178 \end{aligned}$ | $\begin{aligned} & .042 \\ & .025 \end{aligned}$ | $\begin{aligned} & .265 \\ & .235 \end{aligned}$ | $\begin{aligned} & .085 \\ & .075 \end{aligned}$ | $\begin{aligned} & .208 \\ & .168 \end{aligned}$ | . 203 |
| 8-32 | $\begin{array}{\|l\|} \hline \\ \hline \end{array} .3900$ | $\stackrel{.097}{.091}$ | $\begin{array}{r} 734 \\ \hline .704 \\ \hline \end{array}$ | $\begin{array}{r} .213 \\ .193 \\ \hline \end{array}$ | $\begin{array}{r} .042 \\ .025 \\ \hline \end{array}$ | $\begin{array}{r} .265 \\ .235 \\ \hline \end{array}$ | $\begin{array}{r}.085 \\ \hline .075\end{array}$ | $\begin{array}{\|r} .208 \\ \hline \quad 168 \\ \hline \end{array}$ | . 219 |
| 10-24 | $\begin{aligned} & .453 \\ & .433 \end{aligned}$ | $097$ | $\begin{aligned} & .827 \\ & .797 \end{aligned}$ | $\begin{aligned} & .244 \\ & .224 \end{aligned}$ | $\begin{aligned} & .042 \\ & .025 \end{aligned}$ | $\begin{aligned} & .296 \\ & .266 \end{aligned}$ | $\begin{aligned} & .085 \\ & .075 \end{aligned}$ | $\begin{aligned} & .208 \\ & .168 \end{aligned}$ | . 250 |
| 10-32 | $\begin{array}{r} .453 \\ .433 \\ \hline \end{array}$ | $\begin{aligned} & .097 \\ & .091 \end{aligned}$ | $\begin{array}{r} .827 \\ .797 \\ \hline \end{array}$ | $\begin{array}{r} .244 \\ .224 \\ \hline \end{array}$ | $\begin{aligned} & .042 \\ & .025 \end{aligned}$ | $\begin{array}{r} .296 \\ .266 \\ \hline \end{array}$ | $-\quad .085$ <br> -.075 | 208 <br> -.168 | $.250$ |
| 1/4-20 | $\begin{aligned} & .448 \\ & .428 \end{aligned}$ | $\begin{aligned} & .097 \\ & .091 \end{aligned}$ | $\begin{aligned} & .953 \\ & .923 \end{aligned}$ | $\begin{aligned} & .307 \\ & .271 \end{aligned}$ | $\begin{aligned} & .047 \\ & .030 \end{aligned}$ | $\begin{aligned} & .296 \\ & .266 \end{aligned}$ | $\begin{aligned} & .085 \\ & .075 \end{aligned}$ | $\begin{aligned} & .270 \\ & .230 \end{aligned}$ | . 312 |
| 5/16-18 | $\begin{aligned} & \hline .448 \\ & .428 \end{aligned}$ | $\begin{aligned} & .128 \\ & .122 \end{aligned}$ | $\begin{array}{r} 1.140 \\ \hline \quad 1.110 \\ \hline \end{array}$ | $\begin{aligned} & .369 \\ & .349 \end{aligned}$ | $\begin{aligned} & .092 \\ & .075 \end{aligned}$ | $\begin{aligned} & .358 \\ & .328 \end{aligned}$ | $\begin{aligned} & .100 \\ & .090 \end{aligned}$ | $\begin{aligned} & .280 \\ & .240 \end{aligned}$ | . 375 |
| 3/8-16 | $\begin{aligned} & .572 \\ & .552 \end{aligned}$ | $\begin{aligned} & .128 \\ & .122 \end{aligned}$ | $\begin{aligned} & 1.265 \\ & 1.235 \end{aligned}$ | $\begin{aligned} & .448 \\ & .428 \end{aligned}$ | $\begin{aligned} & .102 \\ & .085 \end{aligned}$ | $\begin{array}{r} .421 \\ .396 \end{array}$ | $\begin{aligned} & .100 \\ & .090 \end{aligned}$ | $\begin{aligned} & .364 \\ & .324 \end{aligned}$ | 453 |



| Description | A four-sided, internally threaded fastener with rounded edges at the two ends most opposite each other. The threaded hole is set off to one <br> side and has a pilot for the entire circuference of the opening which extends above the flat surface of the nut. On the side opposite the pilot <br> and at the other end of the nut is a circular indentation |
| :---: | :--- |
| Applications/ <br> Advantages | Preferred over other styles of weld nuts when welding to thinner gage material. The height of the pilot minimizes the amount of welding <br> residue that could clog the threads and facilitates locating the pilot hole. |
| Material | $1006-1010$ Low Carbon Steel |

