## Multiple



| Tab Weld Nuts - Center Hole Design With Multiple Projections |  |  |  |  |  |  |  | Paulin® |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Size | A | C |  | F | E | G | D | Sheet Hole |
|  | Width | Thickness | Length | Pilot Diameter | Pilot Height | Projection Width | Projection Height |  |
| 6-32 | $\begin{aligned} & .453 \\ & .433 \end{aligned}$ | $\begin{aligned} & .098 \\ & .088 \end{aligned}$ | $\begin{array}{r} .640 \\ .610 \end{array}$ | $\begin{aligned} & .198 \\ & .178 \end{aligned}$ | $\begin{aligned} & .042 \\ & .026 \end{aligned}$ | $\begin{aligned} & .095 \\ & .085 \end{aligned}$ | $\begin{aligned} & .017 \\ & .013 \end{aligned}$ | . 203 |
| 8-32 | $\begin{aligned} & .453 \\ & .433 \end{aligned}$ | $\begin{array}{r} .098 \\ .088 \end{array}$ | . 640 | $\begin{aligned} & .213 \\ & .193 \end{aligned}$ | $\begin{aligned} & .042 \\ & .026 \end{aligned}$ | $\begin{aligned} & .095 \\ & .085 \end{aligned}$ | $\begin{array}{r} .017 \\ .013 \end{array}$ | . 219 |
| 10-24 | $\begin{array}{r} .453 \\ .433 \end{array}$ | $\begin{aligned} & .098 \\ & .088 \end{aligned}$ | $\begin{array}{r} .640 \\ .610 \end{array}$ | $\begin{aligned} & .244 \\ & .224 \end{aligned}$ | $\begin{array}{r} .042 \\ .026 \end{array}$ | $\begin{aligned} & .095 \\ & .085 \end{aligned}$ | $\begin{aligned} & .017 \\ & .013 \end{aligned}$ | . 250 |
| 10-32 | .453 .433 | $\begin{aligned} & .098 \\ & .088 \end{aligned}$ | .640 .610 | $\begin{aligned} & .244 \\ & .224 \end{aligned}$ | $\begin{aligned} & .042 \\ & .026 \end{aligned}$ | $\begin{aligned} & .095 \\ & .085 \end{aligned}$ | $\begin{array}{r} .017 \\ .013 \end{array}$ | . 250 |
| 1/4-20 | $\begin{array}{r} .520 \\ .495 \end{array}$ | $\begin{aligned} & .098 \\ & .088 \end{aligned}$ | $\begin{aligned} & .827 \\ & .797 \end{aligned}$ | $\begin{aligned} & .307 \\ & .272 \end{aligned}$ | $\begin{array}{r} .042 \\ .026 \end{array}$ | $\begin{aligned} & .130 \\ & .120 \end{aligned}$ | $\begin{array}{r} .022 \\ .018 \end{array}$ | . 312 |
| 5/16-18 | $\begin{array}{r} .655 \\ .620 \end{array}$ | $\begin{aligned} & .130 \\ & .120 \end{aligned}$ | $\begin{array}{r} .999 \\ .969 \end{array}$ | .369 .349 | $\begin{aligned} & .092 \\ & .076 \end{aligned}$ | $\begin{aligned} & .155 \\ & .145 \end{aligned}$ | $\begin{aligned} & .035 \\ & .025 \end{aligned}$ | . 375 |
| 3/8-16 | $\begin{array}{r} .655 \\ .620 \end{array}$ | $\begin{array}{r} .130 \\ .120 \end{array}$ | $\begin{array}{r} .999 \\ .969 \end{array}$ | $\begin{array}{r} .448 \\ .428 \end{array}$ | $\begin{aligned} & .102 \\ & .086 \end{aligned}$ | $\begin{aligned} & .155 \\ & .145 \end{aligned}$ | $\begin{array}{r} .035 \\ .025 \end{array}$ | . 453 |
| 1/2-13 | .797 .734 | .192 .178 | $\begin{aligned} & 1.266 \\ & 1.234 \end{aligned}$ | .599 .569 | $\begin{array}{r} .102 \\ .086 \end{array}$ | $\begin{aligned} & .176 \\ & .166 \end{aligned}$ | $\begin{aligned} & .040 \\ & .030 \end{aligned}$ | . 609 |


| Description | A four-sided, internally threaded fastener with rounded edges at the two ends most opposite each other. The threaded hole runs <br> through the center and has a pilot for the entire circuference of the opening which extends above the flat surface of the nut. <br> Surrounding the hole in the four corners and on the same side of the nut as the pilot, are four identical round, dome shaped <br> protrusions of less height than the pilot. |
| :---: | :--- |
| Applications/ <br> Advantages | The four projections are designed to weld simultaneously, covering a greater area than single projection nuts to achieve maximum <br> weld strength. The height of the pilot minimizes the amount of welding residue that could clog the threads. |
| Material | $1006-1010$ Low Carbon Steel |

