## TAB WELD NUTS

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


| Description | A four-sided, internally threaded fastener with rounded edges at the two ends most opposite each other. The threaded hole <br> runs through the center and has a pilit for the entire circumference of the opening which extends above the flat surface of <br> the nut. Surrounding the hole in the four corners and on the same side of the nut as the pilot, are four identical round, <br> dome-shaped 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 <br> maximum weld strength. The height of the pilot minimizes the amount of welding residue that could clog the threads. |
| Material | $1006-1010$ Low Carbon Steel |

