



| TAB WELD NUTS - CENTER HOLE DESIGN WITH MULTIPLE PROJECTIONS | | | | | | | | Paulin® |
|--|-------|-----------|--------|----------------|--------------|------------------|-------------------|------------|
| Size | A | C | B | F | E | G | D | Sheet Hole |
| | Width | Thickness | Length | Pilot Diameter | Pilot Height | Projection Width | Projection Height | |
| 6-32 | .453 | .098 | .640 | .198 | .042 | .095 | .017 | .203 |
| | .433 | .088 | .610 | .178 | .026 | .085 | .013 | |
| 8-32 | .453 | .098 | .640 | .213 | .042 | .095 | .017 | .219 |
| | .433 | .088 | .610 | .193 | .026 | .085 | .013 | |
| 10-24 | .453 | .098 | .640 | .244 | .042 | .095 | .017 | .250 |
| | .433 | .088 | .610 | .224 | .026 | .085 | .013 | |
| 10-32 | .453 | .098 | .640 | .244 | .042 | .095 | .017 | .250 |
| | .433 | .088 | .610 | .224 | .026 | .085 | .013 | |
| 1/4-20 | .520 | .098 | .827 | .307 | .042 | .130 | .022 | .312 |
| | .495 | .088 | .797 | .272 | .026 | .120 | .018 | |
| 5/16-18 | .655 | .130 | .999 | .369 | .092 | .155 | .035 | .375 |
| | .620 | .120 | .969 | .349 | .076 | .145 | .025 | |
| 3/8-16 | .655 | .130 | .999 | .448 | .102 | .155 | .035 | .453 |
| | .620 | .120 | .969 | .428 | .086 | .145 | .025 | |
| 1/2-13 | .797 | .192 | 1.266 | .599 | .102 | .176 | .040 | .609 |
| | .734 | .178 | 1.234 | .569 | .086 | .166 | .030 | |

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| Description | A four-sided, internally threaded fastener with rounded edges at the two ends most opposite each other. The threaded hole runs through the center and has a pilot for the entire circumference of the opening which extends above the flat surface of the nut. Surrounding the hole in the four corners and on the same side of the nut as the pilot, are four identical round, dome-shaped protrusions of less height than the pilot. |
| Applications/ Advantages | The four projections are designed to weld simultaneously, covering a greater area than single projection nuts to achieve 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 |