



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 .433	.098 .088	.640 .610	.198 .178	.042 .026	.095 .085	.017 .013	.203
8-32	.453 .433	.098 .088	.640 .610	.213 .193	.042 .026	.095 .085	.017 .013	.219
10-24	.453 .433	.098 .088	.640 .610	.244 .224	.042 .026	.095 .085	.017 .013	.250
10-32	.453 .433	.098 .088	.640 .610	.244 .224	.042 .026	.095 .085	.017 .013	.250
1/4-20	.520 .495	.098 .088	.827 .797	.307 .272	.042 .026	.130 .120	.022 .018	.312
5/16-18	.655 .620	.130 .120	.999 .969	.369 .349	.092 .076	.155 .145	.035 .025	.375
3/8-16	.655 .620	.130 .120	.999 .969	.448 .428	.102 .086	.155 .145	.035 .025	.453
1/2-13	.797 .734	.192 .178	1.266 1.234	.599 .569	.102 .086	.176 .166	.040 .030	.609

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