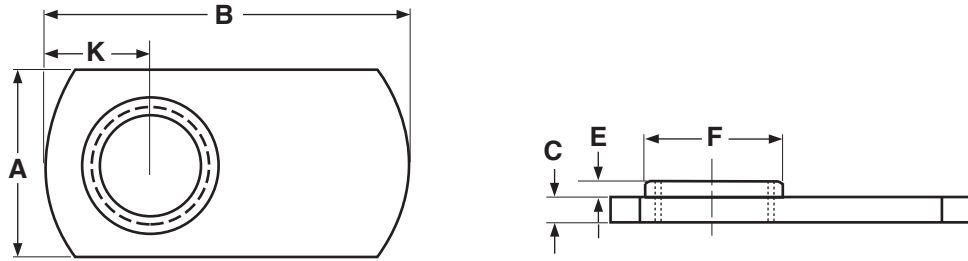


Without Projections

Offset Hole

Weld Screws



TAB WELD NUTS, OFFSET HOLE WITHOUT PROJECTIONS

Paulin®

Size	A	C	B	F	E	K	Pilot Hole
	Width	Thickness	Length	Pilot Diameter	Pilot Height	Center of Pilot Hole to Outside of Rounded Edge	
6-32	.453	.097	.640	.198	.042	.202	.203
	.433	.091	.610	.178	.026	.172	
8-32	.453	.097	.640	.213	.042	.202	.219
	.433	.091	.610	.193	.026	.172	
10-24	.453	.097	.640	.244	.042	.202	.250
	.433	.091	.610	.224	.026	.172	
10-32	.453	.097	.640	.244	.042	.202	.250
	.433	.091	.610	.224	.026	.172	
1/4-20	.520	.097	.827	.307	.042	.265	.312
	.495	.091	.797	.272	.026	.235	
1/4-28	.520	.128	.827	.307	.062	.265	.312
	.495	.122	.797	.287	.045	.235	
5/16-18	.655	.128	.999	.369	.092	.296	.375
	.620	.122	.969	.349	.075	.266	
5/16-24	.655	.145	.999	.369	.092	.296	.375
	.620	.138	.969	.349	.075	.266	
3/8-16	.655	.145	.999	.448	.102	.359	.453
	.620	.135	.969	.428	.085	.329	
3/8-24	.655	.145	.999	.448	.102	.359	.453
	.620	.138	.969	.428	.085	.329	

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. The remainder of the top surface of the nut is flat.	
Material	Carbon Steel	Stainless Steel
Applications/ Advantages	This style weld nut is to be used with thinner gage metals to reinforce an area. The tab allows the installer to use multiple sizes of electrodes, thus improving efficiency by reducing equipment changes. The height of the pilot minimizes the amount of welding residue that could clog the threads.	When welding stainless, two issues deserve special consideration: 1) Thermal conductivity of austenitic stainless less than 50% that of other steels. 2) The coefficient of thermal expansion is 30% to 40% greater than other metals. These characteristics can cause greater distortion when welding stainless.
Material	1006 - 1010 Low Carbon Steel	18-8 Stainless Steel