



Weld Nuts

Combine a welding flange with a female threaded nut. This provides a threaded mounting point that can be welded into place.



Thread Size	Hole Location	Base Height	Base Width	Base Length	Collar Height	Collar Diameter	Weld Projections	Item No.	Pkg. Qty.
Offset Tab-Base Weld Nuts									
Steel, Black Oxide									
#6-32	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.188 in	—	1LAF5	50
#8-32	Offset	3/32 in	1/16 in	23/32 in	0.031 in	0.188 in	—	1LAG3	50
	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.203 in	—	1LAF6	50
	Offset	3/32 in	1/16 in	23/32 in	0.031 in	0.203 in	—	1LAG4	50
#10-24	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.234 in	—	1LAF7	50
	Offset	3/32 in	1/16 in	13/16 in	0.031 in	0.234 in	—	1LAG5	50
	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.234 in	—	1LAF8	50
#10-32	Offset	3/32 in	1/16 in	13/16 in	0.031 in	0.234 in	—	1LAG6	50
	Offset	3/32 in	1/16 in	5/16 in	0.047 in	0.297 in	—	1LAF9	50
	Offset	3/32 in	1/16 in	13/16 in	0.047 in	0.281 in	—	1LAG7	50
1/4"-20	Offset	3/32 in	1/2 in	13/16 in	0.078 in	0.359 in	—	1LAG8	50
	Offset	1/8 in	1/16 in	1 1/8 in	0.078 in	0.359 in	—	1LAG1	50
	Offset	1/8 in	3/16 in	1 1/4 in	0.094 in	0.438 in	—	1LAG9	50
3/8"-16	Offset	3/64 in	5/16 in	63/64 in	0.094 in	0.438 in	—	1LAG2	50

Stainless Steel, Plain									
#8-32	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.203 in	—	1LAE5	10
#10-24	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.234 in	—	1LAE6	10
#10-32	Offset	3/32 in	1/16 in	5/16 in	0.031 in	0.234 in	—	1LAE7	10
#14-28	Offset	1/8 in	1/2 in	13/16 in	0.047 in	0.297 in	—	1LAE8	10
1/4"-20	Offset	3/32 in	1/2 in	13/16 in	0.047 in	0.297 in	—	1LAE8	10
3/8"-16	Offset	3/64 in	5/16 in	1 1/8 in	0.078 in	0.359 in	—	1LAF1	10
5/16"-24	Offset	3/64 in	5/16 in	1 1/8 in	0.078 in	0.359 in	—	1LAF2	10
3/8"-16	Offset	3/64 in	5/16 in	1 1/8 in	0.094 in	0.438 in	—	1LAF3	10
3/8"-24	Offset	3/64 in	5/16 in	1 1/8 in	0.094 in	0.438 in	—	1LAF4	10

Tab-Base Weld Nuts with Projections									
Steel, Black Oxide									
#10-24	Center	1/32 in	3/16 in	5/16 in	0.012 in	0.094 in	2	1LAJ3	50
	Center	1/32 in	1/16 in	5/16 in	0.015 in	0.09 in	4	1LAJ7	50
	Offset	1/32 in	1/16 in	5/16 in	0.012 in	0.188 in	1	1LAH5	50
#10-32	Center	1/32 in	1/16 in	5/16 in	0.012 in	0.094 in	2	1LAJ4	50
	Center	1/32 in	1/16 in	5/16 in	0.015 in	0.09 in	4	1LAJ8	50
	Offset	1/32 in	1/16 in	5/16 in	0.012 in	0.188 in	1	1LAH6	50
1/4"-20	Center	1/32 in	1/2 in	13/16 in	0.02 in	0.125 in	4	1LAJ9	50
	Center	3/64 in	1/2 in	13/16 in	0.023 in	0.125 in	2	1LAJ5	50
	Offset	3/64 in	1/2 in	13/16 in	0.023 in	0.219 in	1	1LAH7	50
1/4"-28	Offset	3/64 in	1/2 in	13/16 in	0.023 in	0.219 in	1	1LAH8	50
3/8"-18	Center	3/64 in	5/16 in	63/64 in	0.03 in	0.15 in	4	1LAK1	50
3/8"-16	Offset	3/64 in	5/16 in	63/64 in	0.027 in	0.312 in	1	1LAH9	50
	Center	3/32 in	5/16 in	63/64 in	0.03 in	0.15 in	4	1LAK2	50
	Offset	3/32 in	5/16 in	1 1/8 in	0.027 in	0.312 in	1	1LAJ1	50
1/2"-13	Center	3/32 in	3/4 in	1 1/4 in	0.35 in	0.171 in	4	1LAK3	50
M6-1.0	Center	1 1/64 mm	13 mm	20 4/64 mm	0.59 in	0.318 in	2	1LAJ6	50
	Offset	1 1/64 mm	13 mm	20 4/64 mm	0.59 in	0.558 in	1	1LAJ2	50

Thread Size	Base Height	Base Width	Base Length	Weld Projections	Item No.	Pkg. Qty.
Hex Weld Nuts						
Steel, Black Oxide						
M3-0.5	3 mm	7 1/2 mm	8 5/32 mm	3	38DJ26	100
M4-0.7	3 1/2 mm	3 1/2 mm	9 5/64 mm	3	38DJ27	100
M5-0.8	4 mm	4 mm	10 9/64 mm	3	38DJ28	100
M6-1.0	5 mm	11 mm	12 1/64 mm	3	38DJ29	100
M10-1.5	8 mm	17 mm	18 1/64 mm	3	38DJ31	100
M14-2	11 mm	22 mm	24 1/64 mm	3	38DJ33	100
M16-2	13 mm	24 mm	26 3/64 mm	3	38DJ34	100
1/4"-20	3/64 in	1/2 in	—	3	1LAH1	50
3/8"-16	3/64 in	1/2 in	—	6	1LAH2	50
	3/64 in	5/16 in	—	6	1LAH3	50
	3/64 in	3/8 in	—	3	1LAH4	50
M8-1.25	6 1/2 mm	14 mm	15 3/8 mm	3	38DJ30	100
M12-1.75	10 mm	19 mm	20 7/32 mm	3	38DJ32	100

Thread Size	Base Height	Base Width	Base Length	Weld Projections	Item No.	Pkg. Qty.
Square Weld Nuts						
Steel, Black Oxide						
M4-3.50	3 1/2 mm	7 mm	9 mm	4	38DJ21	100
M6-1.0	5 mm	10 mm	13 mm	4	38DJ22	100
M8-1.25	6 1/2 mm	14 mm	18 mm	4	38DJ23	100
M10-1.50	8 mm	17 mm	22 mm	4	38DJ24	100
M12-1.75	9 1/2 mm	19 mm	25 mm	4	38DJ25	100

Thread Size	Base Diameter	Base Height	Collar Height	Collar Diameter	Barrel Height	Barrel Diameter	Weld Projections	Item No.	Pkg. Qty.
Round-Base Weld Nut									
Steel, Black Oxide									
#6-32	19/32 in	1/64 in	—	—	1/4 in	0.162 in	—	1LAC2	100
#8-32	3/4 in	1/32 in	—	—	1/4 in	0.209 in	—	1LAC3	100
#10-24	25/32 in	1/32 in	—	—	9/32 in	0.243 in	—	1LAC4	100
#10-32	25/32 in	1/32 in	—	—	9/32 in	0.243 in	—	1LAC5	100
1/4"-20	25/32 in	3/64 in	—	—	9/32 in	0.305 in	—	1LAC6	100
	25/32 in	3/64 in	—	—	7/16 in	0.305 in	—	1LAC7	100
	25/32 in	3/64 in	—	—	9/16 in	0.305 in	—	1LAC8	100

Round-Base Weld Nuts with Projections									
Steel, Black Oxide									
#8-32	23/32 in	1/32 in	0.31 in	0.109 in	1/4 in	0.208 in	3	1LAC9	50
#10-24	3/4 in	1/32 in	0.39 in	0.109 in	9/32 in	0.243 in	3	1LAE1	50
#10-32	3/4 in	1/32 in	0.39 in	0.109 in	9/32 in	0.243 in	3	1LAE2	50
1/4"-20	3/4 in	3/64 in	0.39 in	0.109 in	9/32 in	0.305 in	3	1LAE3	50
	3/4 in	3/64 in	0.39 in	0.109 in	7/16 in	0.305 in	3	1LAE4	50



Insulating Bushing



All Fit Bushing

Nylon Bushings

- Thickness tolerance: $\pm 0.15"$
 - Temp. range: -40° to 250°F
 - Pkg Qty: 25
- Multiple locks snap into panels from 1/32" to 1/8" thick, without tools.

	Hole Dia.	Inside Dia.	Outside Dia.	BLACK Item No.	WHITE Item No.
Insulating Bushing					
0.312 in	0.25 in	0.375 in	0.468 in	1ELY8	1ELY9
	0.375 in	0.187 in	0.468 in	1EMB1	1EMB2
	0.375 in	0.25 in	0.468 in	1EMB3	—
	0.437 in	0.312 in	0.531 in	1EMB7	1EMB8
	0.5 in	0.375 in	0.562 in	1ELZ3	1ELZ4
	0.5 in	0.375 in	0.578 in	1EMC6	1EMC7
	0.562 in	0.437 in	0.656 in	1EMD3	—
	0.625 in	0.5 in	0.718 in	1EMD9	1EME1
	0.687 in	0.5 in	0.781 in	1EME2	—
	0.75 in	0.5 in	0.843 in	1EME8	—
	0.75 in	0.562 in	0.843 in	1EMG1	—
	0.75 in	0.625 in	0.828 in	1ELZ9	1EMA1
	0.875 in	0.5 in	0.953 in	1EMH4	—
	0.875 in	0.625 in	0.953 in	1EMH8	1EMH9
	0.875 in	0.687 in	0.953 in	1EMJ1	1EMJ2
0.437 in	0.375 in	0.937 in	1.218 in	1EMA4	1EMA5
	1 in	0.75 in	1.125 in	1EMJ3	1EMJ4
	1.093 in	0.937 in	1.218 in	1EMJ9	1EMK1
	1.25 in	0.937 in	1.359 in	1EMK4	1EMK5
	1.375 in	1 in	1.468 in	1EMK6	1EMK7
	1.5 in	1.062 in	1.609 in	—	1EMK9
	1.75 in	1.375 in	1.875 in	1EML5	1EML6
	2 in	1.625 in	2.125 in	1EML7	1EML8
All Fit Bushing					
0.625 in	0.437 in	0.718 in	0.859 in	1EML9	—
	0.5 in	0.859 in	0.937 in	1EMN2	1EMN3
	0.875 in	0.562 in	0.937 in	1EMN6	—
	1 in	0.75 in	1.062 in	1EMN8	—
	1.093 in	0.812 in	1.156 in	1EMN9	—



Locking Hole Plug



Locking Knockout Plug

Nylon Locking Hole and Knockout Plugs

- Temp. range: -40° to 250°F

Plugs close excess chassis holes, wiring outlets, and production access holes. Multiple locks snap into panels from 1/64" to 1/8" thick. Heat-stabilized nylon (UL94V2) construction is suitable for critical or elevated temperature applications.

Thickness	Hole Dia.	Head Dia.	Pkg. Qty.	WHITE Item No.	BLACK Item No.
Locking Hole Plugs					
0.234 in	3/16 in	0.25 in	25	1ELU1	1ELT9
	1/4 in	0.312 in	25	1ELU3	1ELU2
	5/16 in	0.375 in	25	1ELU5	1ELU4
0.312 in	3/8 in	0.468 in	25	1ELU7	1ELU6
	7/16 in	0.531 in	25	1ELU9	1ELU8
	1/2 in	0.578 in	25	1ELV2	1ELV1
	9/16 in	0.656 in	25	1ELV4	1ELV3
	5/8 in	0.718 in	25	1ELV6	1ELV5
	11/16 in	0.781 in	25	1ELV8	1ELV7
	3/4 in	0.922 in	25	1ELW1	1ELV9
	7/8 in	0.89 in	25	1ELW3	1ELW2
	1 in	1.016 in	25	1ELW5	1ELW4
	1 1/8 in	1.203 in	25	1ELW7	1ELW6
0.406 in	1 3/8 in	1.218 in	25	1ELW9	1ELW8
	1 1/2 in	1.312 in	25	1ELX2	1ELX1
	1 5/8 in	1.375 in	25	1ELX4	1ELX3
	1 3/4 in	1.5 in	25	1ELX6	1ELX5
	1 7/8 in	1.672 in	25	1ELX8	1ELX7
	2 in	1.925 in	25	1ELY1	1ELX9
	2 1/4 in	2.14 in	25	1ELY3	1ELY2
0.453 in	2 1/2 in	2.775 in	25	1ELY5	1ELY4
Thickness	Hole Dia.	Head Dia.	For Panel Thickness	Item No.	Pkg. Qty.
Locking Knockout Plugs - Gray					
0.453 in	7/8 in	1.016 in	0.032 to 0.125	1EMR2	10
	1 1/8 in	1.218 in	0.032 to 0.125	1EMR3	10
	1 3/8 in	1.5 in	0.032 to 0.125	1EMR4	10
	1 3/4 in	1.925 in	0.032 to 0.125	1EMR5	10
	2 in	2.14 in	0.032 to 0.125	1EMR6	10