

Bottom Projection



Top Projection



Right Angle

Weld Studs

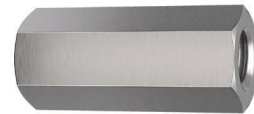
All studs have right-hand thread direction. Steel material.

Bottom Projection—Styles offer a smooth, finished appearance on the outer surface.

Top Projection—Styles can be assembled into a pre-labeled hole.

Right Angle—Flat spade head style allows the installer to use various sizes of electrode tips and can be used when an offset is required.

Thread Size	Length under Head	Head Dia.	Head Height	Item No.	Pkg. Qty.	
Bottom Projection						
#8-32	1"	0.375"	0.063"	1LAK7	100	
	3/8"	0.438"	0.063"	1LAK8	100	
#10-24	1/2"	0.438"	0.063"	1LAK9	100	
	5/8"	0.438"	0.063"	1LAL3	100	
#10-32	1"	0.438"	0.063"	1LAL4	100	
	3/4"	0.563"	0.078"	1LAL8	100	
1/4"-20	1"	0.563"	0.078"	1LAN1	100	
	1 1/4"	0.563"	0.078"	1LAN2	100	
	3/4"	0.740"	0.094"	1LAN4	100	
3/16"-18	1"	0.740"	0.094"	1LAN5	100	
	2"	0.740"	0.094"	1LAN6	100	
	1"	0.865"	0.109"	1LAN7	100	
3/8"-16	1 1/4"	0.865"	0.109"	1LAN8	100	
1/2"-13	1 1/4"	0.990"	0.141"	1LAN9	100	
Top Projection						
#10-24	1/16"	0.375"	0.063"	1LAP1	100	
	2 7/64"	0.498"	0.078"	1LAP2	100	
1/4"-20	4 9/64"	0.498"	0.078"	1LAP3	100	
3/16"-18	2 1/32"	0.618"	0.094"	1LAP4	100	
Thread Size	Thread Length	Spade Length	Spade Width	Spade Height	Item No.	Pkg. Qty.
Right Angle						
1/4"-20	0.531"	3/4"	3/8"	3/32"	1LAR4	25
	0.656"	3/4"	3/8"	3/32"	1LAR5	25
	0.906"	3/4"	3/8"	3/32"	1LAR6	25



Female Hex Standoffs

■ Pkg. quantity: 10

Nylon

Temp. range: -40° to 185°F

Note: Additional sizes, materials and finishes are available on Grainger.com.

Length	Screw Size	Thread Length	Item No.
Nylon Tolerance			
+/-0.005 On Dimensions Thru 0.625			
+/-0.008 On Dimensions 0.625 Thru 1.000			
+/-0.010 On Dimensions 1.001 Thru 1.500			
+/-0.010 On Dimensions Larger Than 1.500			
Length	Screw Size	Thread Length	Item No.
Aluminum			
3/16 in Hex Width			
3/16"	#4-40	3/16 in	6MZG1
1/4"	#4-40	1/4 in	6MZG2
3/8"	#4-40	3/8 in	6MZG6
1/2"	#4-40	1/2 in	6MZG3
5/8"	#4-40	5/8 in	6MZG4
3/4"	#4-40	3/4 in	6MZG5
7/8"	#4-40	7/8 in	6MZG6
1"	#4-40	1 in	6MZG7
1/4 in Hex Width			
3/16"	#4-40	3/16 in	6MZG9
1/4"	#4-40	1/4 in	6MZH2
	#6-32	1/4 in	6MZH3
	#4-40	3/8 in	6MZH6
	#6-32	3/8 in	6MZH7
7/16"	#4-40	7/16 in	6MZH9
	#4-40	1/2 in	6MZJ1
1/2"	#6-32	1/2 in	6MZJ2
	#8-32	1/2 in	6MZJ3
	#6-32	5/8 in	6MZJ5
	#4-40	3/4 in	6MZJ7
	#6-32	3/4 in	6MZJ8
	#8-32	3/4 in	6MZJ9
	#4-40	1 in	6MZK1
1"	#6-32	1 in	6MZK2
	#8-32	1 in	6MZK3
	#4-40	1 1/4 in	6MZN8
1 1/4"	#6-32	3/8 in	6MZN9
	#8-32	7/16 in	6MZP0
1 1/2"	#6-32	3/8 in	6MZP1
	#8-32	7/16 in	6MZP2
	#4-40	1/4 in	6MZP3
2"	#6-32	3/8 in	6MZP4
	#8-32	7/16 in	6MZP5
5/16 in Hex Width			
1/2"	#10-32	1/2 in	6MZK4
3/4"	#10-32	3/4 in	6MZK6
1"	#10-32	1 in	6MZK7
1 1/4"	#10-32	1 1/2 in	6MZP6
1 1/2"	#10-32	1 1/2 in	6MZP7
2"	#10-32	1 1/2 in	6MZP8
3/8 in Hex Width			
1/2"	#10-32	1/2 in	6MZL1
3/4"	#10-32	3/8 in	6MZL2
1"	#10-32	3/4 in	6MZL4
1 1/4"	#10-32	1 in	6MZL6
1 1/2"	#10-32	1 1/2 in	6MZP9
2"	#8-32	7/16 in	6MZR0
	#10-32	3/2 in	6MZR1
1/2 in Hex Width			
1/2"	1/4-20	1/2 in	6MZL7
3/4"	1/4-20	3/4 in	6MZL8
7/8"	1/4-20	7/8 in	6MZL9
1"	1/4-20	1 in	6MZN0
1 1/2"	1/4-20	3/8 in	6MZR2
2"	1/4-20	3/8 in	6MZR3
	#10-32	1/2 in	6MZR4
2 1/2"	1/4-20	3/8 in	6MZR5
	#10-32	1/2 in	6MZR6
3"	1/4-20	3/8 in	6MZR7
4"	#10-32	1/2 in	6MZR8
Nylon, White			
3/16 in Hex Width			
1/2"	#4-40	1/2 in	3XYF2
3/8"	#2-56	3/8 in	3XYE8
1/4 in Hex Width			
1/2"	#4-40	1/2 in	3XYF3
5/8"	#6-32	3/8 in	3XYJ5
3/4"	#6-32	3/8 in	3XYH9
	#8-32	3/8 in	3XYK3
1"	#4-40	3/8 in	3XYP3
	#6-32	3/8 in	3XYP4
1 1/4"	#6-32	3/8 in	3XYH3
1 3/8"	#4-40	3/8 in	3XYF1



Male/Female Hex Standoffs

■ Pkg. quantity: 10

Nylon

Temp. range: -40° to 185°F

Note: 18-8 stainless steel, zinc-plated steel, zinc-plated brass, and nickel-plated brass standoffs available on Grainger.com.

Length	Thread Size	Thread Length	Body Thread Length	Item No.
Tolerance				
+/-0.005 On Dimensions Thru 0.625				
+/-0.008 On Dimensions 0.625 Thru 1.000				
+/-0.010 On Dimensions 1.001 Thru 1.500				
+/-0.010 On Dimensions Larger Than 1.500				
Length	Thread Size	Thread Length	Body Thread Length	Item No.
Aluminum				
3/16 in Hex Width				
1/2 in	#4-40	1/4 in	1/4 in	6MZR9
1 in	#4-40	1/2 in	1/4 in	6MZT1
1 1/2 in	#4-40	3/4 in	1/4 in	6MZT2
1/4 in Hex Width				
1/2 in	#4-40	1/4 in	1/4 in	6MZT4
	#6-32	1/4 in	1/4 in	6MZU4
	#4-40	3/8 in	1/4 in	6MZT5
	#6-32	3/8 in	1/2 in	6MZU6
	#6-32	1/4 in	3/8 in	6MZU8
	#8-32	3/8 in	1/2 in	6NZX1
3/8 in	#6-32	1/4 in	3/8 in	6MZU9
1 in	#4-40	1/2 in	1/4 in	6MZT6
1 1/4 in	#4-40	3/8 in	1/4 in	6MZT7
1 1/2 in	#4-40	3/4 in	1/4 in	6MZT8
	#6-32	3/4 in	3/8 in	6NZW4
1 3/4 in	#6-32	7/8 in	3/8 in	6NZW5
1 in	#8-32	1/2 in	1 1/2 in	6NZX2
1 1/4 in	#8-32	3/8 in	7/16 in	6NZX3
1 1/2 in	#8-32	3/4 in	7/16 in	6NZX4
1 3/8 in	#8-32	3/8 in	7/16 in	6NZX7
2 in	#4-40	1 in	1/4 in	6MZU0
2 1/2 in	#4-40	1 1/4 in	1/4 in	6MZU1
2 in	#6-32	1 in	3/8 in	6NZW6
2 1/2 in	#6-32	1 1/4 in	3/8 in	6NZW7
2 1/4 in	#6-32	1 1/4 in	3/8 in	6NZW9
2 in	#8-32	1 in	7/16 in	6NZX5

Length	Thread Size	Thread Length	Body Thread Length	Item No.
2 1/2 in	#8-32	1 1/4 in	7/16 in	6NZX6
2 3/8 in	#8-32	3/8 in	7/16 in	6NZX8
3 in	#4-40	1 1/2 in	1/4 in	6MZU2
	#6-32	1 1/2 in	3/8 in	6NZW8
4 in	#4-40	2 in	1/4 in	6MZU3
5/16 in Hex Width				
1 in	#10-32	1/2 in	1 1/2 in	6NZX9
1 1/4 in	#10-32	1/2 in	1/2 in	6NZY0
1 1/2 in	#10-32	1/2 in	1/2 in	6NZY1
2 in	#10-32	1/2 in	1/2 in	6NZY2
2 3/8 in	#10-32	3/8 in	1/2 in	6NZY3
3/8 in Hex Width				
1 1/8 in	#8-32	1 1/2 in	7/16 in	6NZY4
1 in	#10-32	1/2 in	1 1/2 in	6NZY5
2 in	#10-32	1 in	1/2 in	6NZY6
2 3/8 in	#10-32	3/8 in	1/2 in	6NZY7
1/2 in Hex Width				
1 1/2 in	1/4"-20	3/4 in	1 1/2 in	6NZY8
	1/4"-20	1/2 in	5/8 in	6NZY9
2 in	1/4"-20	2 in	5/8 in	6NZZ0
Nylon, Black				
1/4 in Hex Width				
3/4 in	#6-32	1/4 in	1/4 in	3XYN7
Nylon, White				
1/4 in Hex Width				
1/2 in	#4-40	3/16 in	3/16 in	3XYF6
	#6-32	1/4 in	1/4 in	3XYH8
5/8 in	#4-40	3/16 in	3/16 in	3XYG5
3/4 in	#6-32	1/4 in	1/4 in	3XYJ3
1 in	#4-40	3/16 in	3/16 in	3XYF4
	#6-32	1/4 in	1/4 in	3XYH7
1 1/2 in	#6-32	1/4 in	1/4 in	3XYJ1
1 in	#8-32	3/8 in	7/16 in	3XYK1
	#4-40	3/16 in	3/16 in	3XYE9
2 1/2 in	#6-32	1/4 in	1/4 in	3XYH2
	#8-32	3/8 in	3/8 in	3XYJ9
	#4-40	3/16 in	3/16 in	3XYP2
2 in	#6-32	1/4 in	1/4 in	3XYP5
	#8-32	3/8 in	3/8 in	3XYP7
3 in	#8-32	3/8 in	3/8 in	3XYJ8