

Weld Screws

Projection Weld Screws Under Head

Projection Weld Screws have three precision projections located 120 degrees apart, under the head. Recommended for through hole applications



Diameter - #8 Thread Size - 32					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
3/4"	0.058" - 0.068"	0.023" - 0.027"	0.065" - 0.075"	0.365" - 0.385"	0124653
1"	0.058" - 0.068"	0.023" - 0.027"	0.065" - 0.075"	0.365" - 0.385"	0124654

Diameter - #10 Thread Size - 24					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
3/4"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124655
1"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124656

Diameter - #10 Thread Size - 32					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
3/8"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124657
1/2"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124658
5/8"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124659
3/4"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124660
7/8"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124661
1"	0.058" - 0.068"	0.028" - 0.032"	0.075" - 0.085"	0.428" - 0.448"	0124662

Diameter - 1/4" Thread Size - 20					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
3/8"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124664
1/2"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124665
5/8"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124666
3/4"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124667
7/8"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124668
1"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124669
1-1/4"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124670
2"	0.073" - 0.083"	0.038" - 0.042"	0.095" - 0.105"	0.550" - 0.575"	0124671

Diameter - 5/16" Thread Size - 18					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
5/8"	0.089" - 0.099"	0.043" - 0.047"	0.115" - 0.125"	0.725" - 0.755"	0124672
3/4"	0.089" - 0.099"	0.043" - 0.047"	0.115" - 0.125"	0.725" - 0.755"	0124673
1"	0.089" - 0.099"	0.043" - 0.047"	0.115" - 0.125"	0.725" - 0.755"	0124674
1-1/4"	0.089" - 0.099"	0.043" - 0.047"	0.115" - 0.125"	0.725" - 0.755"	0124675
2"	0.089" - 0.099"	0.043" - 0.047"	0.115" - 0.125"	0.725" - 0.755"	0124676

Diameter - 3/8" Thread Size - 16					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
3/4"	0.104" - 0.114"	0.048" - 0.052"	0.125" - 0.135"	0.850" - 0.880"	0124677
1"	0.104" - 0.114"	0.048" - 0.052"	0.125" - 0.135"	0.850" - 0.880"	0124678
1-1/4"	0.104" - 0.114"	0.048" - 0.052"	0.125" - 0.135"	0.850" - 0.880"	0124679

Diameter - 1/2" Thread Size - 13					
Length	Head Thickness	Projection Height	Projection Diameter	Head Diameter	Plain Part No.
1"	0.136" - 0.146"	0.058" - 0.062"	0.145" - 0.156"	0.957" - 1.005"	0124680
1-1/4"	0.136" - 0.146"	0.058" - 0.062"	0.145" - 0.156"	0.957" - 1.005"	0124681
2"	0.136" - 0.146"	0.058" - 0.062"	0.145" - 0.156"	0.957" - 1.005"	0124682

Projection Weld Screws On Top Of Head

Projection weld screws have three precision projections located 120 degrees apart, on top of the head eliminating the need for holes in the mating surface. They are recommended where appearance is a requirement or where a hole in the mating surface is not desirable.



Diameter - #6 Thread Size - 32					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
1/4"	0.036" - 0.046"	0.045" - 0.055"	0.018" - 0.022"	0.240" - 0.260"	0124683
5/8"	0.036" - 0.046"	0.045" - 0.055"	0.018" - 0.022"	0.240" - 0.260"	0124684
3/4"	0.036" - 0.046"	0.045" - 0.055"	0.018" - 0.022"	0.240" - 0.260"	0124685
1"	0.036" - 0.046"	0.045" - 0.055"	0.018" - 0.022"	0.240" - 0.260"	0124686

Diameter - #8 Thread Size - 32					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
1/4"	0.042" - 0.052"	0.065" - 0.075"	0.023" - 0.027"	0.303" - 0.323"	0124687

Diameter - #10 Thread Size - 24					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
1/2"	0.058" - 0.068"	0.075" - 0.085"	0.028" - 0.032"	0.365" - 0.385"	0124689
5/8"	0.058" - 0.068"	0.075" - 0.085"	0.028" - 0.032"	0.365" - 0.385"	0124690

Diameter - #10 Thread Size - 32					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
1/2"	0.058" - 0.068"	0.075" - 0.085"	0.028" - 0.032"	0.365" - 0.385"	0124691

Diameter - 1/4" Thread Size - 20					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
1/2"	0.073" - 0.083"	0.095" - 0.105"	0.038" - 0.042"	0.485" - 0.510"	0124693
3/4"	0.073" - 0.083"	0.095" - 0.105"	0.038" - 0.042"	0.485" - 0.510"	0124694

Diameter - 5/16" Thread Size - 18					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
3/4"	0.089" - 0.099"	0.115" - 0.125"	0.043" - 0.047"	0.605" - 0.630"	0124695
1-1/4"	0.089" - 0.099"	0.115" - 0.125"	0.043" - 0.047"	0.605" - 0.630"	0124696

Diameter - 3/8" Thread Size - 16					
Length	Head Thickness	Projection Diameter	Projection Height	Head Diameter	Plain Part No.
3/4"	0.104" - 0.114"	0.125" - 0.135"	0.048" - 0.052"	0.725" - 0.755"	0124697
1-1/8"	0.104" - 0.114"	0.125" - 0.135"	0.048" - 0.052"	0.725" - 0.755"	0124698

Ring Projection Weld Screws

Ring Projection Weld Screws have a 360 degree ring to provide a circular leak proof seal. The large weld area gives additional weld strength. The solid ring is also useful when welding to screening, perforate tubing or cross wires.



Diameter - #10 Thread Size - 32					
Length	Projection Height	Head Diameter	Head Thickness	Projection Diameter	Plain Part No.
3/4"	0.015" - 0.020"	0.428" - 0.448"	0.058" - 0.068"	0.035"	0124699

Diameter - 1/4" Thread Size - 20					
Length	Projection Height	Head Diameter	Head Thickness	Projection Diameter	Plain Part No.
1/2"	0.021" - 0.027"	0.550" - 0.575"	0.073" - 0.083"	0.048"	0124700
3/4"	0.021" - 0.027"	0.550" - 0.575"	0.073" - 0.083"	0.048"	0124701

Diameter - 5/16" Thread Size - 18					
Length	Projection Height	Head Diameter	Head Thickness	Projection Diameter	Plain Part No.
3/4"	0.027" - 0.033"	0.725" - 0.755"	0.089" - 0.099"	0.060"	0124702
1"	0.027" - 0.033"	0.725" - 0.755"	0.089" - 0.099"	0.060"	0124703

Weld Pins

Projection Weld Pins

Material is C1008 or 1010 welding quality carbon steel



Finish: Light protective oil

Diameter - 0.185" - 0.190"					
Length	Head Diameter	Thickness	Projection Diameter	Projection Height	Plain Part No.
3/8"	0.490" - 0.510"	0.073" - 0.083"	0.085" - 0.095"	0.033" - 0.037"	0124720
1/2"	0.490" - 0.510"	0.073" - 0.083"	0.085" - 0.095"	0.033" - 0.037"	0124721
5/8"	0.490" - 0.510"	0.073" - 0.083"	0.085" - 0.095"	0.033" - 0.037"	0124722
1"	0.490" - 0.510"	0.073" - 0.083"	0.085" - 0.095"	0.033" - 0.037"	0124723