



PANEL ATTACHMENT SCREWS

Install HPL, ACM, and Fiber Cement Panels



#10-12 Self-tapping Screw | Dome Head T-20 Recess Drive | 304 & *316 Stainless Steel Wood Substrate

Features

- 304 and 316 Stainless Steel
- Large diameter head
- Kalida-Kote paint color matched to the panel.

Drive: T20W Six-Lobbed

Head: 0.473" O.D. Dome Head

Thread Type: #10-12 Type A

Major Dia: 0.191" Minor Dia: 0.132"

Screw Strength	
Tensile	1592 lbs.
Shear	1214 lbs.
Torsional	60 lbf-in

SFS P.N.	Length	Thread Length	Carton Wt. (lbs.)	Carton Qty.
902988	1"	0.59"	2.2	250
986742	1-3/16"	0.78"	2.4	250
625848 - *914772	* 1-1/2"	1.09"	2.7	250
698813	1-3/4"	1.34"	2.9	250
55443	2-3/8"	1.97"	3.7	250

NOTE: Use of T20W (Wedge) drive bit is required.
Install screws with 0–2000 RPM screw gun equipped with depth sensing nose piece.

Pullout Loads

Plywood		OSB		SYP Lumber	
Thickness	Pullout (Ult)	Thickness	Pullout (Ult)	Thickness	Pullout (Ult)
3/4"	578 lbs.	23/32"	449 lbs.	1" Penetration	481 lbs
5/8"	438 lbs.	19/32"	412 lbs.		
1/2"	348 lbs.	7/16"	228 lbs.		



#12-11 DP2 Bi-Metal Drill Screw - Dome Head T25 Recess | 304 Stainless Steel Steel or Aluminum Substrate

Features

- 304 Stainless Steel
- Large diameter head
- Kalida-Kote paint color matched to the panel.

Drive: T25W Six-Lobbed

Head: 0.630" O.D. Dome Head

Thread & Point: #12-14 DP2

Major Dia: 0.209" | Minor Dia: 0.158"

Drill Capacity

Steel: 0.060" to 0.118"

Aluminum: Up to 0.125"

Screw Strength	
Tensile	2442 lbs.
Shear	1620 lbs.
Torsional	80 lbf-in

SFS P.N.	Length	Load Bearing Length	Carton Wt. (lbs.)	Carton Qty.
12701006	1-3/16"	0.68"	3.0	250

Pullout Loads

Steel	
Thickness	Pullout
12 Ga	1715 lbf
14 Ga	1032 lbf
16 Ga	696 lbf

Aluminum	
Thickness	Pullout
0.087"	672 lbs
0.094"	590 lbs.
0.098"	800 lbs.
1/8"	1183 lbs.

NOTE: Use of T25W (Wedge) drive bit is required.
Install screws with 0–2000 RPM screw gun equipped with depth sensing nose piece.



#12-11 DP2 Bi-Metal Drill Screw - Dome Head T25 Recess | 304 & *316 Stainless Steel Steel or Aluminum Substrate

Features

- 316 or 304 Stainless Steel
- Kalida-Kote paint color matched to the panel.

Drive: T25W Six-Lobbed

Head: 0.472" O.D. Dome Head

Thread & Point: #12-11 DP2

Major Dia: 0.209" | Minor Dia: 0.158"

Drill Capacity

Steel: 0.060" to 0.118"

Aluminum: Up to 0.125"

Screw Strength	
Tensile	2442 lbs.
Shear	1620 lbs.
Torsional	80 lbf-in

SFS P.N.	Length	Load Bearing Length	Carton Weight	Box Qty
1354227 - *1625830	1-3/16"	0.680"	3 lbs	250
1751074	1-5/8"	1.06"	3 lbs	250
141901	2-1/8"	1.62"	3 lbs	250

Pullout Loads

Steel	
Thickness	Pullout
12 Ga	1715 lbf
14 Ga	1032 lbf
16 Ga	696 lbf

Aluminum	
Thickness	Pullout
0.087"	672 lbs
0.094"	590 lbs.
0.098"	800 lbs.
1/8"	1183 lbs.

NOTE: Use of T25W (Wedge) drive bit is required.
Install screws with 0–2000 RPM screw gun equipped with depth sensing nose piece.



#12-20 GP Type A Screw - Dome Head T25 Recess | 304 Stainless Steel Steel & Aluminum Substrate

Features

- 304 Stainless Steel
- Large diameter head
- Kalida-Kote paint color matched to the panel.

Drive: T25W Six-Lobbed

Head: 0.630" O.D. Dome Head

Thread & Point: #12-20

Major Dia: 0.209" | Minor Dia: 0.158"

Screw Strength	
Tensile	3883 lbs.
Shear	2670 lbs.
Torsional	140 lbf-in

SFS P.N.	Length	Load Bearing Length	Thread Length	Carton Wt. (lbs.)	Carton Qty.
1629268	1"	0.500"	.920"	3.25	250
1572881	1-1/8"	0.625"	.925	3.75	250

Pullout Loads

Steel	
Thickness	Pullout
12 Ga	1625 lbs.
14 Ga	1126 lbs.
16 Ga	623 lbs.
18 Ga	623 lbs.

Aluminum	
Thickness	Pullout
0.087"	590 lbs
0.094"	584 lbs.
0.098"	915 lbs.
1/8"	1035 lbs.
1/4"	2307 lbs.

NOTE: Use of T25W (Wedge) drive bit is required.
Install fasteners with 0–2000 RPM screw gun equipped with depth sensing nose piece.

Pre-Drill Required	
Material Thickness	Drill Bit
<= 1/8" AL	4.8mm
<= 12 ga Steel	
1/4" AL	5.1 mm

All information is non-binding and without guarantee. Before using the products, all specifications and calculations must be checked by a suitably qualified person and local regulations must be observed. This document is subject to revision. We reserve the right to make technical changes. (0321-1)

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