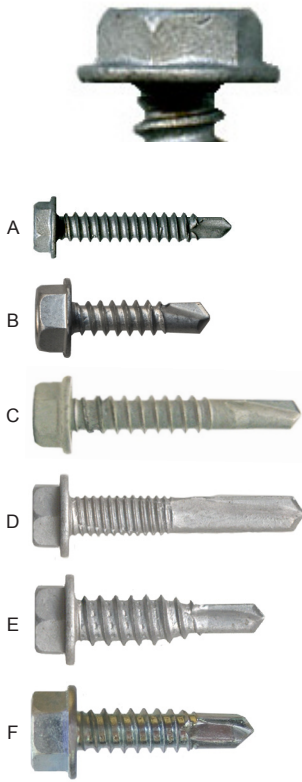


410 STAINLESS STEEL DRILL SCREWS



Available with Bonded Sealing Washer
Call for sizes

HEAD TYPE

- #8 dia: 1/4" HWH
- #10 dia: 5/16" H WH
- #12 dia: 5/16" HWH
- *1/4 dia: 5/16" HWH
- 1/4 dia: 3/8 HWH

- ▶ Provides corrosion resistance in mild atmospheres.
- ▶ Plated to resist surface rust and to reduce drive torque.
- ▶ For additional corrosion protection, specify TRI-SEAL™ long-life coating.

SIZES AND PERFORMANCE SPECIFICATIONS

Size	Point Type	Drilling Thickness	Attachment Thickness	Box Quantity	
A	#8-18 x 1/2"	DP2	.036" - .100"	.205"	10M
	#8-18 x 3/4"	DP2	.036" - .100"	.455"	10M
B	#10-16 x 3/4"	DP3	.036" - .175"	.325"	7.5M
	#10-16 x 1"	DP3	.036" - .175"	.575"	5M
	#10-16 x 1-1/2"	DP3	.036" - .175"	1.075"	3M
C	#12-14 x 3/4"	DP3	.036" - .210"	.290"	5M
	*#12-14 x 1"	DP3	.036" - .210"	.525"	3.5M
	*#12-14 x 1-1/4"	DP3 LP	.036" - .210"	.550"	2.5M
	#12-14 x 1-1/2"	DP3	.036" - .210"	1.000"	2.5M
D	#12-14 x 2"	DP3	.036" - .210"	1.500"	2M
	*#12-24 x 1-1/4"	DP5	.250" - .500"	1.000"	5M
E	#12-24 x 1-1/2"	DP5	.250" - .500"	1.205"	5M
	*1/4-14 x 7/8"	DP1	.036" - .090"	.375"	2.5M
F	*1/4-14 x 1-1/8"	DP1	.036" - .090"	.875"	2.0M
	*1/4-14 x 3/4"	DP3	.036" - .250"	.210"	2.5M
	*1/4-14 x 1"	DP3	.036" - .250"	.460"	2.5M
	*1/4-14 x 1-1/2"	DP3	.036" - .250"	.960"	2M
	1/4-14 x 2"	DP3	.036" - .250"	1.460"	1.5M

MATERIAL: 410 Stainless Steel

PLATING: Passivated (24hrs Salt Spray), Zinc Plated (48hrs Salt Spray),

* Denotes TRI-SEAL™ Coated (1,000hrs Salt Spray)

WOOD-TO-METAL DRILL SCREWS



NEW!
BLAZER® HEADER Heavy Gauge (1/2" SD) designed to attach up to 1/2" thick steel.

Flat Wafer Head
#2 Sq. Recess Drive

Flat Wafer

- ▶ Fasten wood-to-metal.
- ▶ No pre-drilling required.
- ▶ TRI-SEAL™ coated for use in ACQ lumber.

SIZES AND PERFORMANCE SPECIFICATIONS

Size	Point Type	Drilling Thickness	Attachment Thickness	Box Quantity	
G	#10-24 x 1-7/16"	DP3 WW	.036" - .210"	.750"	4M
H	#12-14 x 1-3/4"	DP2 WW	.036" - .210"	.750"	2M
	#12-14 x 2-1/2"	DP2 WW	.036" - .210"	1.625"	1M
I	#12-24 x 2"	DP4 WW	.036" - .210"	1.250"	2M
	#12-24 x 2-1/2"	DP4 WW	.036" - .210"	1.750"	1M
J	1/4-20 x 2-3/4"	DP4 WW	.125" - .375"	2.000"	900
	1/4-20 x 3-1/4"	DP4 WW	.125" - .375"	2.750"	900
	1/4-20 x 3-3/4"	DP4 WW	.125" - .375"	3.000"	500
K	1/4-20 x 3-1/8"	DP5 WW	.125" - .500"	1.625"	1M

"WW" Denotes With Wings

MATERIAL: Carbon Steel

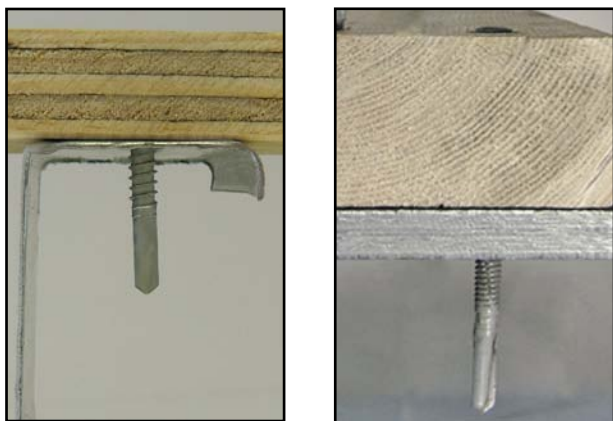
PLATING: .0003" min zinc TRI-SEAL™ Coated (1,000hrs Salt Spray)

Size	Point Type	Drilling Thickness	Attachment Thickness	Box Quantity	
L	#10-16 x 1-3/4"	DP3	.036" - .175"	.750"	2.5M
M	#10-24 x 3/4"	DP3	.036" - .175"	.375"	5M
	#10-24 x 1"	DP3	.036" - .175"	.500"	5M
	#10-24 x 1-1/4"	DP3	.036" - .175"	.750"	3.5M
	#10-24 x 1-1/2"	DP3	.036" - .175"	.875"	3M

MATERIAL: Carbon Steel

PLATING: .0003" min zinc TRI-SEAL™ Coated (1,000hrs Salt Spray)

Our wood-to-metal drill screws are engineered to provide high performance and easy installation. Thin or thick metal...TFC has the fastener for your application!



Need to attach wood to thin gauge metal?

Then use our #12-14 BLAZER[®] Header Light Gauge that is designed to fasten to metal as thin as 18-gauge! The threads and wings are engineered for optimal performance when used in thin metal applications.

Need to attach wood to steel that is 1/2" thick?

Then use our new 1/4-20 BLAZER[®] Header Heavy Gauge (1/2" SD), the only wood-to-metal fastener that will drill and tap steel up to 1/2" thick. Engineered for use in heavy steel, it has a special hex-countersunk head that provides optimal driving stability and can also be installed **flush** to the surface of the wood.

Both fasteners have "wings" that remove the wood to minimize jacking and provide drilling consistency.

WOOD-TO-METAL DRILL SCREWS

Header Light Gauge



Header Heavy Gauge



SIZES AND PERFORMANCE SPECIFICATIONS

	Sizes	Point Type	Part Number	Max Attachment Thickness	Box Quantity
A	#12-14 x 1 3/4"	DP2	12175SF3CSTA	.750"	2,000
B	#12-14 x 2 1/2"	DP2	12250SF3CSTA	1.625"	1,000
C	1/4-20 x 3 1/8"	DP5	14312HCSH5CSEC	1.625"	1,000

Attach Into Thin Metal

- ▶ #2 square/phillips recess drive provides stability during installation and eliminates camout!
- ▶ Special thread, wing, and drill point designed to fasten into steel ranging from 18 ga. up to 1/8" thick.



Attach up to 1/2" Thick Steel

- ▶ Flat hex countersunk head provides exceptional stability during installation and can be installed **flush** to the wood surface.
- ▶ DP5 drill point is engineered to drill and tap steel up to 1/2" thick.



Recommended Screw Gun Speed:
2,000 RPM Max

TECHNICAL DATA

Specifications

Head Type: #12-14 (#2 Square/Phillips flat countersunk)

1/4-20 (5/16" Hex countersunk)

Drilling Capability: #12-14 (.036" - .210")

1/4-20 (.125" - .500")

Material: C-1022 Carbon steel

Finish: .0003" min. zinc and yellow TRI-ACQ™

Salt Spray: 1,000hrs

Compatible for use in ACQ and fire treated lumber.

Produced to SAE J78 specifications.

Physical Properties

Size	Nominal Screw Diameter	Major Diameter (Inch)		Minor Diameter (Inch)	
		Max	Min	Max	Min
#12-14	0.216	0.215	0.209	0.164	0.157
1/4-20	0.250	0.250	0.242	0.218	0.214

Pullout Test Results (Average Ultimate in Pounds)

Size	Gauge Thickness							
	18 Ga. (.048")	16 Ga. (.060")	14 Ga. (.075")	12 Ga. (.105")	1/8" (.125")	3/16" (.188")	1/4" (.250")	1/2" (500")
#12-14	577	790	1,137	1,697	1,920	2,973*		
1/4-20			1,066	1,634	2,015	3,853	4,283*	4,680*

* Exceeds Tensile Strength

Performance Specifications

Size	Torsional (Inch/Lbs.)	Tensile (Lbs.)	Shear (Lbs.)
#12-14	92	2,778	2,000
1/4-20	156	4,275	2,700

DISCLAIMER: ALL TESTS RESULTS AND SPECIFICATIONS ARE A RESULT OF LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. SINCE APPLICATION CONDITIONS VARY AND ARE UNCONTROLLABLE BY TFC, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.