

We have the largest selection of wood-to-metal drill screws engineered to provide high performance and easy installation.

**Need to attach wood to metal thinner than 1/4"?**

Our full line of sizes are designed to fasten to metal as thin as 18-gauge!

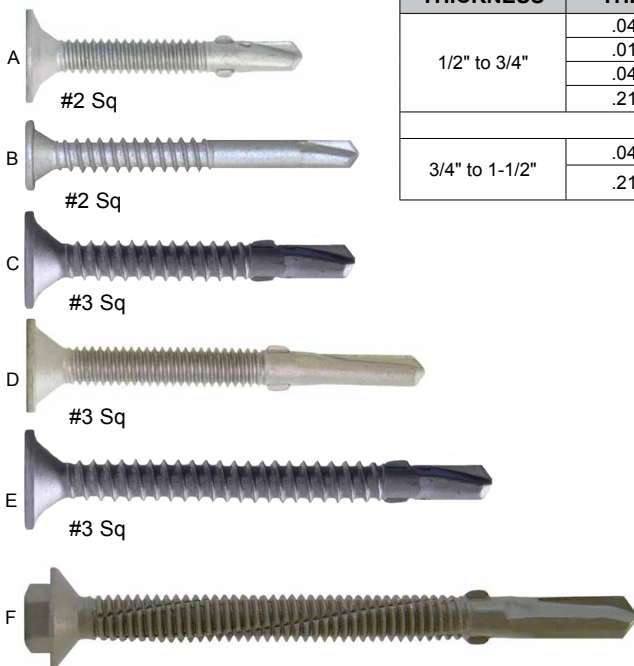
**Need to attach wood to steel that is 1/2" thick?**

We offer the only wood-to-metal fastener that will drill and tap steel up to 1/2" thick. It has a special hex-countersunk head that provides optimal driving stability and can also be installed **flush** to the surface of the wood.



Square recess for superior stability during installation.

## SIZES



5/16 hex countersunk head provides exceptional stability during installation and can be installed **flush** to the wood surface.

WOOD THICKNESS	DRILLING THICKNESS	Screw	Diameter   Length   Point	Head Dia.	Box Qty
1/2" to 3/4"	.048" - .210"	A	#10-24 x 1-7/16" BLAZER-3 With Wings	.460"	4M
	.018" - .175"	B	#10-16 x 1-3/4" BLAZER-3 Long Pilot	.380"	2.5m
	.048" - .210"	C	#12-14 x 1-3/4" BLAZER-2 With Wings	.500"	2M
	.210" - .500"	D	*#12-24 x 2-1/8" BLAZER-5 With Wings	.500"	2M
3/4" to 1-1/2"	.048" - .210"	E	#12-14 x 2-1/2" BLAZER-2 With Wings	.500"	1M
	.210" - .500"	F	1/4-20 x 3-1/8" BLAZER-5 With Wings	.510"	1M

**Select a screw based on the thickness of the wood and the thickness of the steel substrate.**

**Screw Recommendations**  
Steel <= .210" : Screw A, B, C  
Steel > .210" : Screw D

**1/2" to 3/4" WOOD**

**Screw Recommendations**  
Steel <= .210" : Screw E  
Steel > .210" : Screw F

**1" to 1-5/8" WOOD**

## TECHNICAL DATA

Recommended Screw Gun Speed: 2,000 RPM Max

Fastener Information		PULLOUT   ULTIMATE LOAD IN POUNDS												
		Grade 80 and Grade 50 Steel per ASTM A792/A1011/A653/A572/A529												
		Calculated Values In Accordance to AISI S100   Section E4												
Thread and Point Type	Nom Dia. (in.)	Grade 80 82Ksi Min.	Grade 50 65Ksi Min. Steel											
		26 Ga. (.018")	24 Ga. (.024")	22 Ga. (.030")	20 Ga. (.036")	18 Ga. (.048")	16 Ga. (.060")	14 Ga. (.075")	12 Ga. (.105")	1/8" (.125")	10 ga (.135")	1/4" (.250")	3/8" (.375")	1/2" (.500")
#10 BLAZER-2	.190"	180	252	315	378	504	627	786	1,101	1,311				
#12 BLAZER-2	.216"	205	286	358	430	573	716	895	1,253	1,492	1,611			
#12 BLAZER-5	.216"									1,492	1,611	2,984	*4,475	*5,967
1/4 BLAZER-5	.250"									1,727	1,865	3,453	*5,180	*6,906

### Head Type

#10: #2 Sq - Wafer Countersunk  
 #12: #3 Sq - Wafer Countersunk  
 1/4": 5/16" Hex Countersunk  
 Material: C-1022 Carbon steel  
 Finish: TRI-SEAL® Long-life Salt Spray: 1,000hrs  
 Compatible for use in ACQ and fire treated lumber.  
 Produced to SAE J78 specifications.

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.