

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!

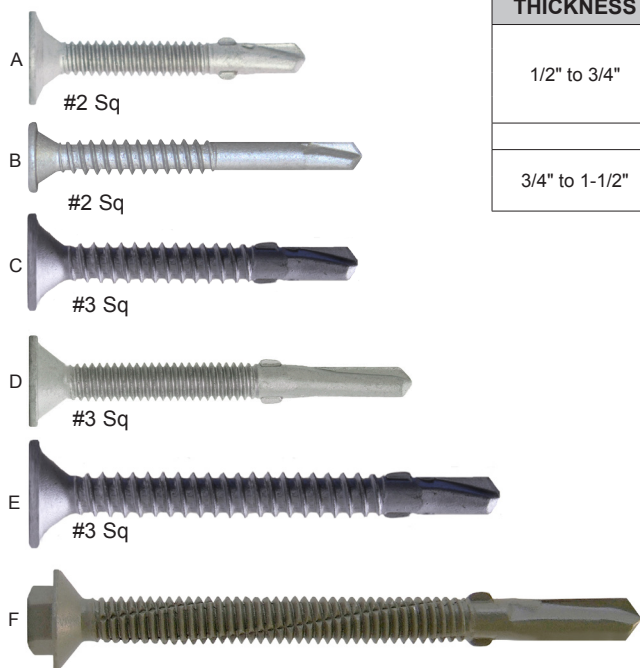
Need to attach wood to steel that is 1/2" thick?

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	Box Qty
1/2" to 3/4"	.048" - .210"	A	#10-24 x 1-7/16" BLAZER-3 With Wings	4M
	.018" - .175"	B	#10-16 x 1-3/4" BLAZER-3 Long Pilot	2.5m
	.048" - .210"	C	#12-14 x 1-3/4" BLAZER-2 With Wings	2M
	.210" - .500"	D	*#12-24 x 2-1/8" BLAZER-5 With Wings	2M
3/4" to 1-1/2"	.048" - .210"	E	#12-14 x 2-1/2" BLAZER-2 With Wings	1M
	.210" - .500"	F	1/4-20 x 3-1/8" BLAZER-5 With Wings	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

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

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												
		Grade 80 82Ksi Min.	Grade 50 65Ksi Min. Steel											
Thread and Point Type	Nom Dia. (in.)	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.