

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!

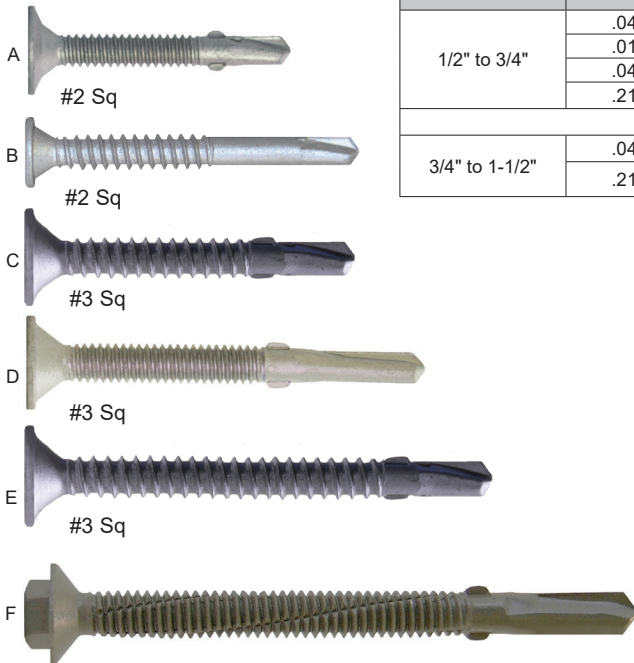
Need to attach wood to steel that is 1/2" thick?

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

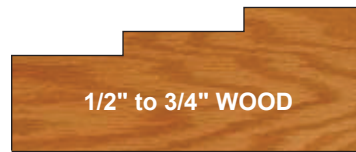
Select a screw based on the thickness of the wood and the thickness of the steel substrate.

Screw Recommendations

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

Screw Recommendations

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



TECHNICAL DATA

Recommended Screw Gun Speed: 2,000 RPM Max

Fastener Information		PULLOUT ULTIMATE LOAD IN POUNDS Calculated Values In Accordance to AISI S100 Section E4													
Screw Size	Nom Dia. (in.)	Grade 50 per ASTM A1011 50Ksi Min. Steel						Grade 50 per ASTM A792/A653/A572/A529 65Ksi Min. Steel							
		26 Ga. (.018")	25 Ga. (.021")	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	.190"	174	203	233	291	349	504	627	786	1,101	1,311				
#12	.216"	198	231	264	330	397	573	716	895	1,253	1,492	1,611	2,984	*4,475	*5,967
1/4	.250"	230	268	306	383	459	633	829	1,036	1,450	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.

* Denotes load exceeds tensile strength of screw.

DISCLAIMER: 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)