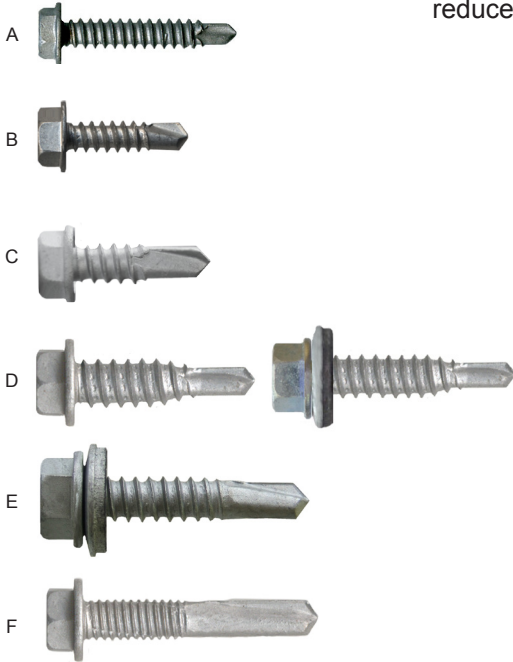


HIGH PERFORMANCE SELF-DRILLING SCREWS FOR COMMERCIAL CONSTRUCTION

- Provides corrosion resistance in mild atmospheres.
- Plated to resist surface rust and to reduce tapping torque.
- Optional TRI-SEAL® 1,000 hrs salt spray long-life coated to reduce tapping torque and provide additional corrosion protection.



Blue colored sizes denotes popular DC items



All screws are available with Bonded Sealing Washers. Call for sizes

SIZES AND PERFORMANCE SPECIFICATIONS

	Diameter Length	Load Bearing Length (MAX)	Box Qty	Point Type	Drilling Thickness	
A	#8-18 x	1/2"	.100"	10M	BLAZER 2	.036" - .100"
		3/4"	.125"	10M		
B	#10-16 x	1"	.250"	7.5M	BLAZER 3	.036" - .175"
		1-1/2"	.500"	5M		
		3/4"	.125"	5M		
C	#12-14 x	1"	.250"	3.5M	BLAZER 2/3	.036" - .210"
		1-1/4" LP	.625"	3M		
		1-1/2"	.750"	2M		
		2"	1.250"	2M		
		2-1/2"	1.750"			
D	1/4-14 x	7/8"	.325"	2.5M	BLAZER 1/VRT	.036" - .090"
		1-1/8"	.875"	2.0M		
E	1/4-14 x	3/4"	.125"	2.5M	BLAZER 3	.036" - .250"
		1"	.250"	2.5M		
		1-1/4"	.625"	2M		
		1-1/2"	.575"	2M		
		2"	1"	1.5M		
F	#12-24 x	1-1/4"	.500"	5M	BLAZER 5	.125" - .500"
		1-1/2"	.625"	3.5M		

Bonded Washer	SIZE	HEAD TYPE
#8, #10	1/2" o.d.	#8
#12, #14	15mm o.d.	#10, #12, *1/4"
MATERIAL:	1/4"	3/8" HWH
304 Stainless Steel		
EPDM Sealant		

MATERIAL: 410 Stainless Steel
 PLATING: Passivated (24hrs Salt Spray), Zinc Plated (48hrs Salt Spray), TRI-SEAL® Coated (1,000hrs Salt Spray). Call for sizes

Pullout Loads | Ultimate in Pounds Force Carbon Steel and 410 Stainless Steel Screws

The tensile strength of the substrate that is used in the chart below is typical for metal building and roofing applications. Contact TFC if other substrate tensile strengths are required.

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")
#8-18	.164"	156	218	272	326	435	543							
#10-16	.190"	180	252	315	378	504	627	786	1,101	1,311				
#12-14	.216"	205	286	358	430	573	716	895	1,253	1,492	1,611			
#12-24	.216"									1,492	1,611	2,984	*4,475	*5,967
1/4-14	.250"	237	332	414	497	633	829	1,036	1,450	1,727	1,865	3,453		

For allowable loads, please apply an appropriate Factor of Safety as required by local and national code requirements.

AISI S100 Section E4 recommends a Factor of Safety of 3 for allowable loads

DISCLAIMER: ALL TEST 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.