



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

HEAD SIZE	HEAD TYPE
#8	1/4" HWH
#10, #12, *1/4"	5/16" HWH
1/4"	3/8" HWH

**BONDED WASHER**  
 #8, #10 = 1/2" o.d.  
 #12, #14 = 15mm o.d.  
**MATERIAL**  
 304 Stainless Steel  
 EPDM Sealant

- 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

### SIZES AND PERFORMANCE SPECIFICATIONS

DIAMETER & POINT		LENGTH	Load Bearing Length (MAX)	Box Qty	LIST PRICE
A	#8-18 BLAZER-2	x 1/2"	.100"	10M	
		x 3/4"	.125"	10M	
B	#10-16 BLAZER-3	x 3/4"	.250"	7.5M	
		x 1"	.500"	5M	
		x 1-1/2"	1"	5M	
C	#12-14 BLAZER-3	x 3/4"	.125"	5M	
		x 1"	.250"	3.5M	
		x 1-1/4" LP	.625"	3M	
		x 1-1/2"	.750"	2M	
		x 2"	1.250"	2M	
		x 2-1/2"	1.750"	1.5M	
		x 3"	2.250"	1.0M	
D	1/4-14 BLAZER-1 VRT	x 7/8"	.325"	2.5M	
		x 1-1/8"	.875"	2.0M	
E	1/4-14 BLAZER-3	x 3/4"	.125"	2.5M	
		x 1"	.250"	2.5M	
		x 1-1/4"	.625"	2M	
		x 1-1/2"	.575"	2M	
		x 2"	1"	1.5M	
		x 3"	2"	1.5M	
		x 4"	3"	500	
		x 5"	4"	500	
F	#12-24 BLAZER-5	x 1-1/4"	.500"	5M	
		x 1-1/2"	.625"	3.5M	
		x 2"	.875"	2m	

SCREW AND POINT	DRILL AND TAP CAPACITIES						
	.036"	.100"	.175"	.210"	.250"	.375"	.500"
#8-18 BLAZER-2							
#10-16 BLAZER-3							
#12-14 BLAZER-3							
#12-24 BLAZER-4							
#12-24 BLAZER-5							
1/4-14 BLAZER-1 VRT							
5/16-12 BLAZER-3							
1/4-14 BLAZER-3							
1/4-20 BLAZER-5							

**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													
		Calculated Values In Accordance to AISI S100   Section E4													
		Grade 50 per ASTM A1011 60Ksi Min. Steel							Grade 50 per ASTM A792/A653/A572/A529 65Ksi Min. Steel						
Screw Size	Nom Dia. (in.)	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")
#8-18	.164"	151	177	202	252	303	435	543							
#10-16	.190"	174	203	233	291	349	504	627	786	1,101	1,311				
#12-14	.216"	198	231	264	330	397	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"	230	268	306	383	459	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

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)