

METAL TO WOOD FASTENERS

# PANCAKE METAL AND WOOD



**HEAD**

Pancake, Square Drive

**DIAMETER**

#10 & #12

**THREAD**

#10 (12,16) and #12 (11)

**POINT**

Type A (wood) and TCP 3 (metal)

**MATERIAL**

Carbon Steel & 410 Stainless

**FINISH**

.0003 Min. Electro Zinc-Carbon Steel Passivated  
410 Stainless

**PRODUCT SUPERIORITY**

- ≡ Combination drive provides greater torque, tighter fit, and greater installation flexibility
- ≡ Low profile design provides added clearance for concealed panel systems
- ≡ Countersunk underneath head creates a stronger fastener
- ≡ Available in TCP3 and Type A points

**STRENGTH CHARACTERISTICS**

FASTENER DIAMETER	MINIMUM TORSIONAL	MINIMUM TENSILE	MINIMUM SHEAR
#10-16	46 in. lbs.	1,550 lbs.	1,050 lbs.
#10-12	50 in. lbs.	1,700 lbs.	1,175 lbs.
#12-14	61 in. lbs.	2,100 lbs.	1,400 lbs.
#12-11	67 in. lbs.	2,400 lbs.	1,700 lbs.

All test results and recommendations are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Actual field values may vary, therefore we assume no liability for use of this information. Pull out values are a measurement of wood material strength.



**PULL OUT VALUES**

Ultra Z with TCP Self-Drilling for Metal applications

Fastener Diameter	12 Gauge (.105)	14 Gauge (.075)	16 Gauge (.060)	26 Gauge (.018)
10-16 TCP3	1,477 lbs.	970 lbs.	711 lbs.	127 lbs.
12-14 TCP3	1,643 lbs.	1,066 lbs.	760 lbs.	145 lbs.

Self-Tapping for Wood Applications

Fastener Diameter	1/2" CDX	5/8" CDX	3/4 CDX	2" x 4" Pine
10-12 Type A	250 lbs.	325 lbs.	475 lbs.	825 lbs.
12-11 Type A	300 lbs.	375 lbs.	500 lbs.	900 lbs.

