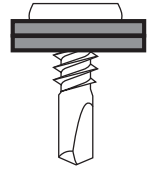
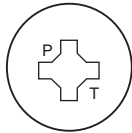




**PANCAKE HEAD SELF-DRILL SCREW**  
Low Profile Head For Steel to Steel Connections.

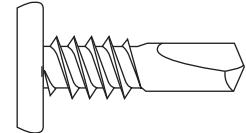


**ES** ESR 1408



Combo Drive

**Product Specifications**



Part #	Dia.	Length	TPI	Bulk Qty	Finish	Corrosion	Head Dia.	Drill Capacity
PPH12034	12	3/4"	14	5M	Zinc	24 hr. min. B-117	11.0-11.5 mm	.110"-.210"

**Pro-Twist drill screws meet or exceed ASTM C-954 and/or C-1513**

Self-Drilling Screws Ultimate Connection Value Chart					
Dia.	Nominal Screw Dia. (in)	Metal Gauge 1 (Lb)	Tension (Pull) Lbs 1 pc	Shear Lbs. Metal to metal	Minimum Torsional Strength (Lb)
12	0.216	20	314	698	92
		18	472	983	
		16	735	1556	
		14	1057	2072	
		12	1242	2210	
		.156 in.	2685		
		.187 in.	3394		

Ultimate Value Charts

Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by PrimeSource Building Products. A 4:1 safety ratio is recommended.

Installation Guidelines

0-2500rpm Screwgun with torque adjustment - Overdriving may result in fastener failure or stripout of the work surface

The fastener is fully seated when the head's bearing surface is flush with the steel.

The fastener must penetrate beyond the metal a minimum of three threads to comply with the code.

**ALL PRIMESOURCE FASTENERS ARE MANUFACTURED IN AN ISO 9002 AND ISO 14001 CERTIFIED AND APPROVED FACTORY TO PRIMESOURCE PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS.**