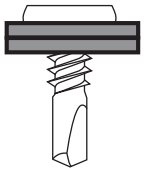
PRIMESOURCE BUILDING PRODUCTS, INC.

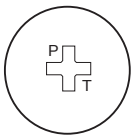
SPEC DATA *Submittal Sheet # 035*

PANCAKE HEAD SELF-DRILL SCREW

Low Profile Head For Steel to Steel Connections.

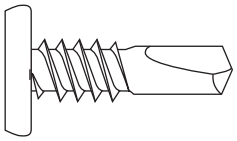


ESR 1408



#2 Reduced Phillips

Product Specifications



Part #	Dia.	Length	TPI	Bulk Qty	Finish	**Corrosion**	**Head Dia.**	Drill Capacity
PPH1058	10	5/8”	16	7.5M	Zinc	24 hr. min. B-117	10.7-11.2 mm	.110”-.175“

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)
10	0.190	25			61
		22		602	
		20	389	811	
		18	554	1223	
		16	727	1492	
		14	1050	1545	
		12	1216	1650	

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.

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