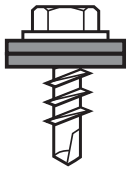
PRIMESOURCE BUILDING PRODUCTS, INC.

SPEC DATA *Submittal Sheet # 021*

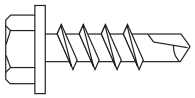
HEX WASHER HEAD SELF-DRILL SCREW
#8 and 10"BODY DIAMETER
Steel to steel.

ESR 1408



PT

Product Specifications



Part #	Dia.	Length	TPI	Bulk Qty	Finish	Corrosion	Head	Washer Dia.	Thread	Drill Pt.	Drill Capacity
HWD812	8	1/2	18	10M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD858	8	5/8	18	10M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD834	8	3/4	18	10M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD8100	8	1	18	8M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD8114	8	1-1/4	18	6M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD8112	8	1-1/2	18	4M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD8200	8	2	18	3M	Zinc	24 hr. min. B-117	1/4" A/F	8.18-8.84 mm	FULL	2	.035"-.100"
HWD1012	10	1/2	16	8M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD1058	10	5/8	16	7M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD1034	10	3/4	16	6M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD10100	10	1	16	5M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD10114	10	1-1/4	16	4M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD10112	10	1-1/2	16	3M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"
HWD10200	10	2	16	2M	Zinc	24 hr. min. B-117	5/16" A/F	9.76-10.5 mm	FULL	3	.110"-.175"

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

Self-Drilling Screws Ultimate Connection Value Chart				
Dia.	Metal Gauge/1lb	Tension (Pull) Lbs. 1 Pc.	Shear Lbs. Metal to Metal	Torsional Strength
8	20	285	829	42 lbs.
	18	444	994	
	16	550	1096	
	14	924	1332	
	12	1100	1337	
10	20	389	811	61 lbs.
	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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