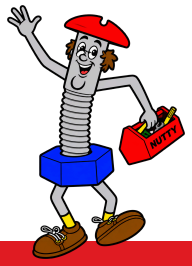
THE NUTTY COMPANY INC
FASTENER SPECIALISTS SINCE 1977

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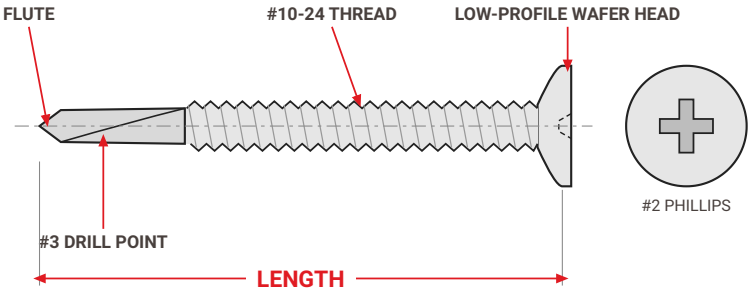
PRODUCT DATA SHEET

Phillips Wafer Head Self-Drilling Screws

1.0 Sizes Stocked

#2 Phillips drive • #3 drill point • zinc plated





LENGTH MEASURED FROM UNDER HEAD • MAX DRILL CAPACITY 0.175"

Diameter	Length	Threads / Inch	Drive	Drill Point	Max Drill Capacity	Wood Thickness	Nutty Stock #
#10	3/4"	24	#2 Phillips	#3	0.175"	1/4" – 3/8"	**WT102434**
#10	1"	24	#2 Phillips	#3	0.175"	1/4" – 1/2"	**WT10241**
#10	1-1/4"	24	#2 Phillips	#3	0.175"	1/4" – 3/4"	**WT1024114**
#10	1-1/2"	24	#2 Phillips	#3	0.175"	1/4" – 1"	**WT1024112**
#10	2"	24	#2 Phillips	#3	0.175"	1/4" – 1-1/2"	**WT10242**

Wood thickness = recommended thickness of wood/composite attached to the steel.

2.0 Performance

Ultimate values

Load	Diameter	Steel Thickness Fastened					Min. Torsional Strength (in-lb)
		20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	
Tension (lb) – Pullout	#10	389	554	727	1,050	1,216	61
Shear (lb) – Bearing	#10	811	1,223	1,492	1,545	1,650	

3.0 Material & Specifications

Property	Specification
Material	C1022 low carbon steel. Core hardness HV 240–425
Finish	Zinc plating – 24-hour minimum salt spray corrosion resistance (ASTM B117)
Application	Wood to metal applications – fastening plywood or composite board to light-medium gauge steel. The large, low-profile wafer head sits flush and resists pull-through.
Installation	Screw gun with depth-sensitive nosepiece; speed not to exceed 2,500 RPM. Overdriving may cause fastener failure or strip-out of the work surface. The fastener is fully seated when the head's bearing surface is flush with the material being attached. Impact drivers are not recommended – they can strip or break the screw.

4.0 Reference Standards

Standard	Description
ASTM A510	General requirements for carbon steel wire rods (minimum grade 1018)
ASTM B117	Standard practice for operating salt spray (fog) apparatus
ASTM C1513	Steel tapping screws for cold-formed steel framing connections
SAE J78	Dimensional, mechanical & performance requirements for steel self-drilling tapping screws

Disclaimer: The above is a compilation of data from various industry standards. The Nutty Company, Inc. has made every effort to present the data accurately. However, The Nutty Company, Inc. cannot be held liable for any claim traceable to any errors, typographical or otherwise, contained herein.



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