

## GENERAL INFORMATION

# TAPFAST®

### PRODUCT DESCRIPTION

TapFast fasteners are high-performance fasteners designed specifically for attaching light gauge metal panels (18 ga. max.) to wood frame structures.

### GENERAL APPLICATIONS AND USES

- Metal roofing and siding panels to wood

### FEATURES AND BENEFITS

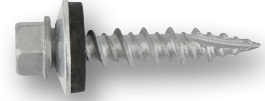
- + Aluminum EPDM bonded sealing washers provide a weather-tight seal
- + High-low thread increases performance
- + Easily penetrates multiple panel thicknesses
- + Fasteners coated with Stalgard finish typically show no red rust or other base metal corrosion on significant surfaces even after 1000 hours of 5% neutral salt spray exposure (per ASTM B117)

### GUIDE SPECIFICATIONS

05 05 23 - Metal Fastenings, 06 05 23 - Wood, Plastic and Composite Fastenings, 09 22 16.23 - Fasteners. Fasteners shall be TapFast as supplied by Elco Construction Products, Towson, MD. Fasteners shall be installed in accordance with published instructions and the Authority Having Jurisdiction.

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### MATERIALS

- Case Hardened Carbon Steel

### HEAD STYLES

- Hex Washer Head

### DIAMETERS

- #10

### FINISH

- Stalgard®

### POINT TYPES

- Type 17

**PERFORMANCE DATA**
**Pull-Out and Shear Capacity: Spuce, Pine or Fir (Minimum .38 Specific Gravity), lbf<sup>1</sup>**

Force Orientation relative to wood's grain	Edge Distance	Embedment					
		1"		1-1/2"		2"	
		Pull-Out	Shear	Pull-Out	Shear	Pull-Out	Shear
With The Grain (Into thin side)	3/4"	385	445	550	480	885	645
Against the grain (Into wide side)	1-1/2"	365	320	590	655	890	650

1. Performance data are ultimate loads based on laboratory tests.

**Pull-Out and Shear Capacity: Southern Yellow Pine , #2 Grade (Minimum .57 Specific Gravity), lbf<sup>1</sup>**

Force Orientation relative to wood's grain	Edge Distance	Embedment					
		1"		1-1/2"		2"	
		Pull-Out	Shear	Pull-Out	Shear	Pull-Out	Shear
With The Grain (Into thin side)	3/4"	1,115	780	1,645	885	1,945	935
Against the grain (Into wide side)	1-1/2"	1,220	660	1,570	685	1,805	720

1. Performance data are ultimate loads based on laboratory tests.

**ORDERING INFORMATION**
**TapFast®**

Cat. No.	Description (Diameter - TPI x Nominal Length)	Point Type	Finish	Nominal EPDM Washer Outer (in.)	Nominal Head Height (in.)	Qty / Carton	Qty / Case
<b>#10 DIAMETER, 1/4" HEX WASHER HEAD WITH ALUMINUM EPDM BONDED SEALING WASHER</b>							
EHH210-I	#10 - 16 x 1"	TYPE 17	STALGARD®	0.500	0.295	3000	-
EHH210-I-100	#10 - 16 x 1"	TYPE 17	STALGARD®	0.500	0.295	100	1000
EHH230-I	#10 - 16 x 1-1/2"	TYPE 17	STALGARD®	0.500	0.295	2500	-
EHH230-I-100	#10 - 16 x 1-1/2"	TYPE 17	STALGARD®	0.500	0.295	100	1000
EHH250-I	#10 - 16 x 2"	TYPE 17	STALGARD®	0.500	0.295	1500	-
EHH250-I-050	#10 - 16 x 2"	TYPE 17	STALGARD®	0.500	0.295	50	500
EHH265-I	#10 - 16 x 2-1/2"	TYPE 17	STALGARD®	0.500	0.295	1000	-
EHH265-I-050	#10 - 16 x 2-1/2"	TYPE 17	STALGARD®	0.500	0.295	50	500
EHH280-I	#10 - 16 x 3"	TYPE 17	STALGARD®	0.500	0.295	800	-
EHH280-I-050	#10 - 16 x 3"	TYPE 17	STALGARD®	0.500	0.295	50	500

1. Nominal Head Height includes the thickness of the Aluminum EPDM Bonded Sealing Washer before installation. This thickness will be slightly reduced when installed.


**Screwguns**

Cat. No.	Description	Screw Diameter
DW268	2,500 RPM VSR VERSA-CLUTCH™ Screwgun	#10
DCF622M2	20V MAX* XR® VERSA-CLUTCH™ Adjustable Torque Screwgun Kit	#10

\*For 20V MAX\* Maximum initial battery voltage measured without a workload is 20 volts. Nominal voltage is 18.  
TapFast Fasteners must be installed perpendicular to the work surface using a maximum 2500 RPM screw gun with a torque sensing nose piece.  
Impact tools are not recommended for the installation of TapFast fasteners.


**Accessories**

Cat. No.	Description
DWA2221R	1/4" Impact Ready® Cleanable Nut Driver
DW2218IR	1/4" Impact Ready® Nut Driver

