



# TEKS® LOW PROFILE

“BUTTON” DESIGN HEAD FOR IMPROVED AESTHETICS AND TEKS DRILL POINT FOR RELIABILITY

## FEATURES

- > **LOW PROFILE DESIGN**
  - Fits into areas requiring low head clearance.
  - Internal #3 square drive prevents the bit from stripping while providing excellent installation torque.
  - “Button-like” fastener design delivers improved aesthetics.
- > **MAXISEAL® INTEGRATED WASHER DESIGN**
  - Weather-tight seal, even when driven at an angle of up to 15° from vertical.
  - EPDM rubber washer is seated under the fastener head, extending the washer life and improving washer contact with material being fastened.
  - Climaseal® coating tested to ASTM B117 standard - 1,000 hour salt spray.
- > **PATENTED ANTI-BACKOUT (ABOT™) THREAD DESIGN**
  - Resists and minimizes backout of fastener while maintaining the integrity of connection during material expansion and contraction.
  - Does not distort or damage panel as compared to other anti-backout technology.
- > **TEKS 1 DRILL POINT**
  - Fastener drills and taps into steel from .018” to .095” without pre-drilling.
  - Point to thread ratio reduces strip out.
  - Non-walking point provides fast material engagement.
- > **P3 POWDER COATING**
  - Extends the life of the fastener.
  - Chalk and fade performance equivalent to 70% fluoropolymer coated metal panels.
  - Available in over 100 industry standard colors.

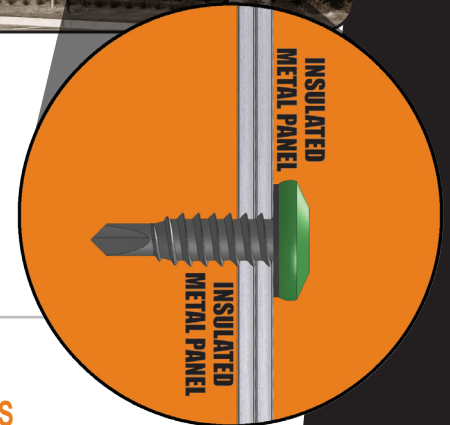


Teks Low Profile Jobsite

## APPLICATIONS



- > Stitch Fastener for Insulated Panels
- > Stitch Roof and Wall Non-Insulated Panel Sidelaps
- > Trim Applications

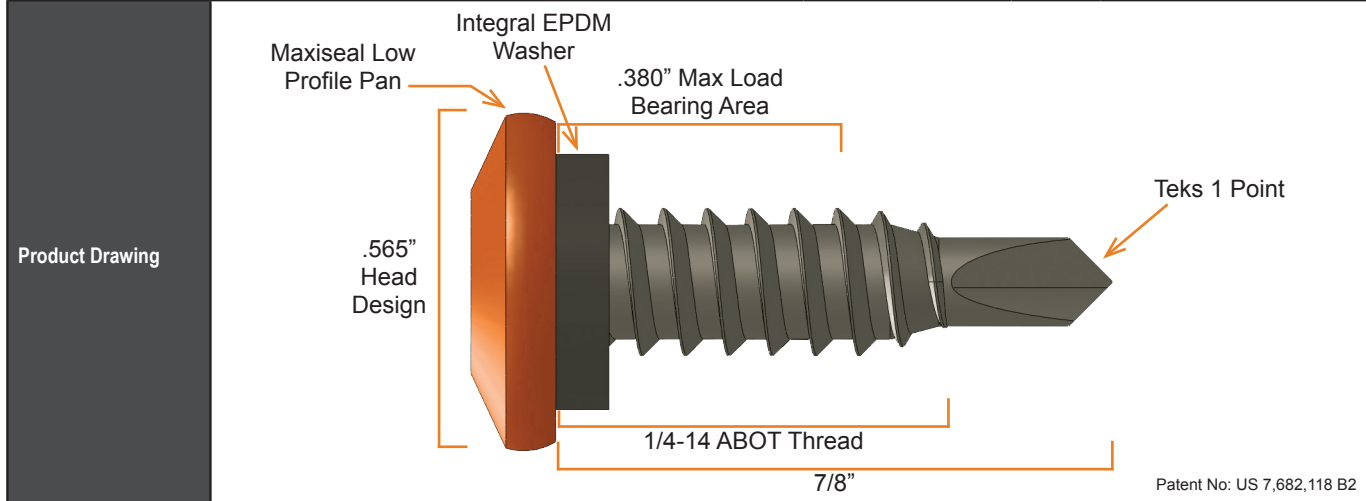


## INSTALLATION GUIDELINES

- > A standard screw gun with a depth sensitive nosepiece should be used to install Tek screws. For optimal fastener performance, the screw gun should be a minimum of 6 amps and have an RPM range of 0 to 2500 RPM.
- > Adjust the screwgun nosepiece to properly seat the fastener.
- > The fastener is fully seated when the head is flush with the work surface.
- > Overdriving may result in torsional failure of the fastener or stripout of the substrate.
- > The fastener must penetrate a minimum of 3 pitches of thread beyond the metal structure.
- > New magnetic sockets must be correctly set before use. Remove chip build-up as needed.
- > Reference the Selector Guide for the appropriate installation tool.

## SELECTOR GUIDE & PERFORMANCE DATA

Part Number	1240053
Description	1/4-14 X 7/8"
Head Style	Maxiseal Low Profile Pan #3 Square Drive
Drill Point	Teks 1
Finish	Climaseal
Drilling Capacity	.018" - .095"



### PULLOVER VALUES (AVERAGE LBS. ULTIMATE)

STEEL GAUGE	Panel Gauge	26	24	22	20
	(lb-force)	698	956	1182	1708

### PULLOUT VALUES (AVERAGE LBS. ULTIMATE)

STEEL GAUGE	Panel Gauge	26	24	22	20
	(lb-force)	208	329	428	562

### SHEAR VALUES (AVERAGE LBS. ULTIMATE)

STEEL GAUGE	Panel Gauge	26	24	22	20
	(lb-force)	511	849	885	1244

### FASTENER MECHANICAL PROPERTIES

Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
1/4-14	4060	2600	150

## PRODUCT SPECIFICATIONS

**Application** . . . . . Stitches lapped insulated roof and sidewall panels, non-insulated panels and roof deck

**Description** . . . . . Self-drilling and tapping fastener with a low profile Maxiseal head design, anti-back-out thread, Teks 1 drill point, and P<sup>3</sup> powder coating.

**Diameter** . . . . . 1/4

**Thread Form** . . . . . 1/4-14

**Head Style** . . . . . Maxiseal Low Profile Pan Head

**Washer Style** . . . . . 9/16" O.D. Integral System

**Drill Point** . . . . . Teks 1

**Finish** . . . . . Climaseal (tested to ASTM B117 standard - 1,000 hours salt spray)  
Available with P3 powder coating



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