TEKS®
Self-Drilling Fasteners

The best point ever for speed and consistency ... optimum for medium duty steel-to-steel applications.

Applications
- Roof deck to steel framing.
- Wall panel to girt.
- Duct work to steel framing.
- Accessories to steel framing
- Roof clip to steel framing.
- Retrofit framing.
- Commercial overhead steel doors, hinges & latches.

Product Features
- Point has precise cutting edges to improve drill performance with less effort.
- Non-walking point provides fast material engagement.
- Point to thread design maximizes pullout performance and minimizes backout.
- Drills and taps in the broadest range of applications.
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque.

Product Specifications
- Diameter: #12, 1/4
- Thread Form: 12-14 1/4-14
- Head Style: #12: 5/16” HWH 1/4: 3/8” HWH 1/4 Overhead Door Fasteners 7/16” HWH with Serrations
- Drill Point: Tek 2 Tek 3
- Finish: Climaseal

Head Style
- Hex Washer Head
- Hex Washer Head with Serrations

Approvals and Listings
Factory Mutual (J.I. 2 X 9A2 AM), ICC ER-3056, ICC ESR-1976
# TEKS® Self-Drilling Fasteners

## Selector Guide

### Performance Data

#### Part Number | Description | Head Style | Drill Point | Drill & Tap Capacity | Max. Material Attachment | Box Qty | Applications
---|---|---|---|---|---|---|---
1134000 | 12-14 x 3/4'' HWH #3 | .036-.210 | .270 | 5,000 | • Roof deck to steel framing
1136000 | 12-14 x 1'' HWH #3 | .036-.210 | .520 | 4,000 | • Wall panel to girt
1120000 | 12-14 x 1-1/4'' HWH #2 | .036-.210 | .550 | 4,000 | • Duct work to steel framing
1123000 | 12-14 x 1-1/2'' HWH #2 | .036-.210 | .800 | 2,500 | • Accessories to steel framing
1140000 | 12-14 x 2'' HWH #3 | .036-.210 | 1.450 | 2,000 | • Clip to steel framing
1553000 | 12-14 X 2-1/2'' HWH #3 | .036-.210 | 1.950 | 1,000 | • Retrofit framing
1143000 | 12-14 x 3'' HWH #3 | .036-.210 | 2.450 | 1,000 | • Commercial overhead steel doors, hinges & latches.
1146000 | 12-14 x 4'' HWH #3 | .036-.210 | 3.450 | 500 | •
1147000 | 1/4-14 x 3/4'' HWH #3 | .036-.210 | .210 | 3,000 | •
1149000 | 1/4-14 x 1'' HWH #3 | .036-.210 | .400 | 2,500 | •
1150000 | 1/4-14 x 1-1/4'' HWH #3 | .036-.210 | .650 | 2,000 | •
1152000 | 1/4-14 x 1-1/2'' HWH #3 | .036-.210 | .900 | 2,000 | •
1155000 | 1/4-14 x 2'' HWH #3 | .036-.210 | 1.400 | 1,500 | •
1554000 | 1/4-14 x 2-1/2'' HWH #3 | .036-.210 | 1.900 | 1,000 | •
1157000 | 1/4-14 x 3'' HWH #3 | .036-.210 | 2.400 | 1,000 | •
1304000 | 1/4-14 x 4'' HWH #3 | .036-.210 | 3.400 | 500 | •
1586000 | 1/4-14 x 3/4'' *HWH #3 | .036-.210 | .250 | 3,000 | •
1587000 | 1/4-14 x 1'' *HWH #3 | .036-.210 | .500 | 2,500 | •

* 7/16" Across Flats HWH with serrations under head.

### Fastener Values

<table>
<thead>
<tr>
<th>Steel Gauge</th>
<th>Tensile (lbs. min.)</th>
<th>Shear (avg. lbs. ult.)</th>
<th>Torque (min. in. lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-14</td>
<td>2778</td>
<td>2000</td>
<td>92</td>
</tr>
<tr>
<td>1/4-14</td>
<td>4060</td>
<td>2600</td>
<td>150</td>
</tr>
</tbody>
</table>

### Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Teks. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
- Adjust the screwgun nosepiece to properly seat the fastener.
- New magnetic sockets must be correctly set before use.
- Remove chip build-up as needed.
- 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 beyond the metal structure a minimum of 3 pitches of thread.

---

© 2010 ITW Buildex and Illinois Tool Works, Inc.