

The background of the page is a grayscale photograph of a large industrial building under construction. The building features a prominent wall of corrugated metal panels in the foreground. Above this wall, the steel structural frame of the roof is visible, showing a series of parallel beams supported by vertical columns. An American flag is flying from a pole on the roofline. The overall scene is industrial and captures the early stages of a large-scale construction project.

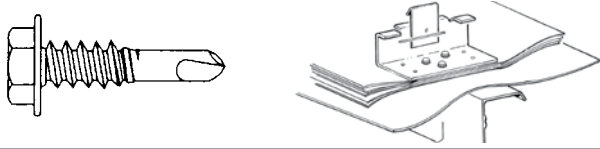
***METAL BUILDING  
FASTENERS***

***SELECTOR GUIDE  
2009***

# Metal Building Selector Guide

## 1 Trapezoidal SSR Purlin Clip Fastener

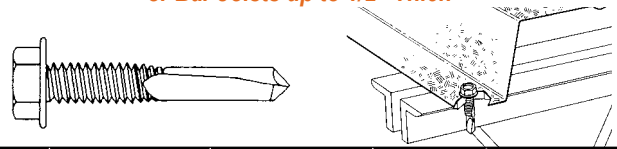
TEKS® Self-Drilling Fasteners for Clip Attachment to Purlins



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1136000	12-14 x 1"	HWH	#3	.520
1120000	12-14 x 1-1/4"	HWH	#3	.550
1123000	12-14 x 1-1/2"	HWH	#3	.800
1140000	12-14 x 2"	HWH	#3	1.450
1553000	12-14 x 2-1/2"	HWH	#3	1.950
1143000	12-14 x 3"	HWH	#3	2.450
1146000	12-14 x 4"	HWH	#3	3.450
1149000	1/4-14 x 1"	HWH	#3	.400
1150000	1/4-14 x 1-1/4"	HWH	#3	.650
1152000	1/4-14 x 1-1/2"	HWH	#3	.900
1155000	1/4-14 x 2"	HWH	#3	1.400
1554000	1/4-14 x 2-1/2"	HWH	#3	1.900
1157000	1/4-14 x 3"	HWH	#3	2.400
1304000	1/4-14 x 4"	HWH	#3	3.400

## 2 Trapezoidal SSR Bar Joist Clip Fastener

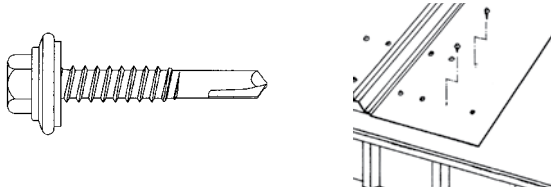
TEKS® Self-Drilling Fasteners for Structural Steel or Bar Joists up to 1/2" Thick



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1088000	12-24 x 7/8"	HWH	#4	.325
1414000	12-24 x 1-1/4"	HWH	#4.5	.575
1006000	12-24 x 1-1/4"	HWH	#5	.375
1070000	12-24 x 1-1/2"	HWH	#5	.625
1072000	12-24 x 2"	HWH	#5	1.125

## 3 Longlife Roof Applications

The Original Buildex SCOTS® TEKS®



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1160253	12-14 x 1"	Scots 5/16" AF	#2	.310
1167253	12-14 x 1-1/4"	Scots 5/16" AF	#2	.560
1168253	12-14 x 1-1/2"	Scots 5/16" AF	#2	.790
1163000	12-14 x 2"	Scots 5/16" AF	#5	1.000
1387253	1/4-14 x 7/8"	Scots 5/16" AF	#1	.320
1175153	1/4-14 x 1-1/8"	Scots 5/16" AF	#1	.395
1616000	1/4-14 x 1-1/4"	Scots 5/16" AF	#3	.630

### HTZ® ZINC DIE-CAST

1721053	1/4-14 x 7/8"	HTZ 5/16" HWH	#1	.320
1723053	1/4-14 x 1-1/4"	HTZ 5/16" HWH	#2	.630
1727053	12-14 x 1"	HTZ 5/16" HWH	#2	.310
1725053	12-14 x 1-1/4"	HTZ 5/16" HWH	#2	.560
1729053	12-14 x 1-1/2"	HTZ 5/16" HWH	#2	.790
1757053	12-14 x 3"	HTZ 5/16" HWH	#2	1.40

### SCOTS® TRUGRIP™



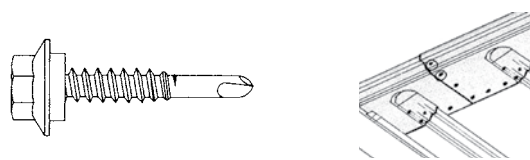
Part Number	Description	Head Style	Drill Point	Max Material Attachment
1951053	9-15 x 1"	HWH	Hi-Lo Type 17	0-.250
1953053	9-15 x 1-1/2"	HWH	Hi-Lo Type 17	0-.750
1955053	9-15 x 2"	HWH	Hi-Lo Type 17	.500-1.250
1957053	9-15 x 2-1/2"	HWH	Hi-Lo Type 17	1.00-1.750
1691053	9-15 x 3"	HWH	Gimlet	

### HTZ TRUGRIP™

1937053	10-16 X 1-1/2"	HWH	Gimlet	.750
---------	----------------	-----	--------	------

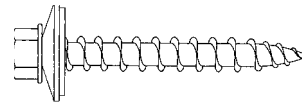
## 4 Carbon Roof Applications

The Original Maxiseal® Integral Head Fasteners for Roof Applications



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1376053	10-16 x 3/4"	HWH	#3	.325
1026053	12-14 x 1"	HWH	#3	.490
1029053	12-14 x 1-1/4"	HWH	#2	.560
1428053	12-14 x 1-1/2"	HWH	#2	.790
1023053	12-14 x 3/4"	HWH	#3	.260
1042053	1/4-14 x 1"	HWH	#3	.310
1389053	1/4-14 x 7/8"	HWH	#1	.320
1044053	1/4-14 x 1"	HWH	#3	
1048053	1/4-14 x 1-1/2"	HWH	#3	.810

### BONDED WASHER TRUGRIP™

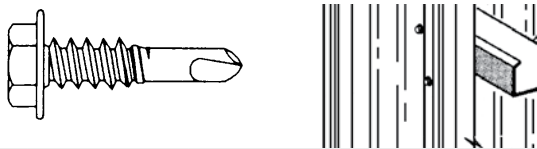


Part Number	Description	Head Style	Drill Point	Max Material Attachment
1262053	9-15 x 1"	BDW	Gimlet	0-.250
1264053	9-15 x 1-1/2"	BDW	Gimlet	0-.750
1267053	9-15 x 2"	BDW	Gimlet	.500-1.250
1268053	9-15 x 2-1/2"	BDW	Gimlet	1.000-1.750
1269053	9-15 x 3"	BDW	Gimlet	1.500-2.250
1270053	12-14 x 3/4"	BDW	Gimlet	
1801053	10-16 x 1"	BDW	Hi-Lo Type 17	0-.250
1802053	10-16 x 1-1/2"	BDW	Hi-Lo Type 17	0-.750
1803053	10-16 x 2"	BDW	Hi-Lo Type 17	.500-1.250
1804053	10-16 x 2-1/2"	BDW	Hi-Lo Type 17	1.000-1.750
1805053	10-16 x 3"	BDW	Hi-Lo Type 17	1.500-2.250

## 5

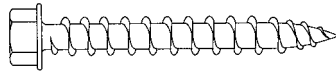
### Wall Applications

TEKS® Self-Drilling Fasteners for Attaching Wall Panels to girts



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1134000	*12-14 x 3/4"	HWH	#1	.380
1136000	*12-14 x 1"	HWH	#2	.580
1120000	*12-14 x 1-1/4"	HWH	#2	.980
1123000	*12-14 x 1-1/2"	HWH	#3	.290
1140000	*12-14 x 2"	HWH	#3	.525
1553000	12-14 x 2-1/2"	HWH	#3	1.525
1143000	*12-14 x 3"	HWH	#3	2.025
1146000	*12-14 x 4"	HWH	#3	2.525
1147000	1/4-14 x 3/4"	HWH	#3	3.425
1399000	1/4-14 x 7/8"	HWH	#1	.210
1149000	*1/4-14 x 1"	HWH	#3	.460
1150000	*1/4-14 x 1-1/4"	HWH	#3	.710
1152000	*1/4-14 x 1-1/2"	HWH	#3	.960
1155000	*1/4-14 x 2"	HWH	#3	1.460
1554000	*1/4-14 x 2-1/2"	HWH	#3	1.960
1157000	*1/4-14 x 3"	HWH	#3	2.460
1304000	*1/4-14 x 4"	HWH	#3	3.460

"Original Buildex Trugrip™" for Attachment of Wall Panels to Wood Substrate



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1271200	9-15 x 1"	HWH	Gimlet	0-250
1272000	9-15 x 1-1/2"	HWH	Gimlet	0-750
1273000	9-15 x 2"	HWH	Gimlet	.500-1.250
1275000	9-15 x 2-1/2"	HWH	Gimlet	1.000-1.750
1276000	9-15 x 3"	HWH	Gimlet	1.500-2.250
1277000	9-15 x 3/4"	HWH	Gimlet	---

## 6

### Flashing Applications

For Flashing Pipe Penetration



Part Number	Description	Pipe Outside Diameter	Dektite Base Diameter	Dektite Height
<b>DEKTITE®</b>				
4001910	Mini	1/4" - 1-1/8"	3-1/2"	1-3/4"
4003910	#1	1/4" - 2"	4-3/4"	3"
4004910	#2	1-3/4" - 3-1/4"	6-1/4"	4"
4009910	#3	1/4" - 4"	7-3/4"	4"
4011910	#4	3" - 6"	9-1/4"	5"
4016910	#5	4" - 7"	10-3/4"	5"
4018910	#6	5" - 9"	12-1/2"	6"
4020910	#7	6" - 11"	14-1/2"	6"
4025910	#8	7" - 13"	16-1/2"	6"
4028910	#9	10" - 18"	25-3/8"	8"
4000910	Diverter	16" - 24"	39-1/2" x 35"	9"
<b>SILICONE DEKTITE®</b>				
4035910	#3 Silicone	1/4" - 4"	7-3/4"	4"
4036910	#5 Silicone	4" - 7"	10-3/4"	5"
4038910	#8 Silicone	7" - 13"	16-1/2"	6"
4039910	#9 Silicone	10" - 18"	25-3/8"	8"
<b>RETROFIT DEKTITE®</b>				
4029910	801	3/4" - 2-3/4"	6-3/10"	3-1/2"
4030910	802	2" - 7-1/4"	10-3/4"	5-3/5"
4031910	803	3-1/4" - 10"	14-1/2"	5-4/5"
4158910	Diverter	9-1/4" - 16-3/4"	27-3/4" - 26-3/4"	9"
<b>DEK-CAP™</b>				
4146910	Dek-Cap			3-5/16"

## 7

### Wood-to-Metal Applications

TEKS® Self-Drilling Fasteners for Attaching Plywood, Batten Wood Strips or 2 x 4's to Steel Framing, Purlins or Structural Steel



Part Number	Description	Head Style	Drill Point	Wood Attachment Range
1077000	10-24 x 3/4"	Wafer	#3	1/4" - 3/8"
1082000	10-24 x 1-7/16"	PFH*	#3	1/4" - 3/4"
1791000	10-16 x 1-13/16"	PSD Flat**	#3	1/4" - 3/4"
1092000	12-24 x 2-1/4"	PFH*	#4	3/4" - 1-3/8"
1094000	12-24 x 2-3/4"	PFH*	#4	3/4" - 1-5/8"
1096000	1/4-20 x 3"	PFH*	#4	3/4" - 2"

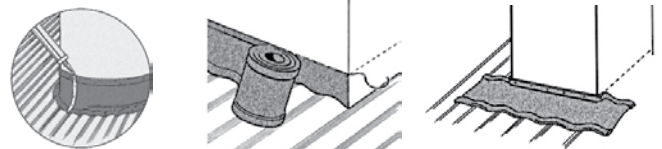
\* With wings

\*\* With ribs under head

## 8

### Dekstrip™ Applications

Lineal, Flexible Flashing for Transition Walls & Large Pipes

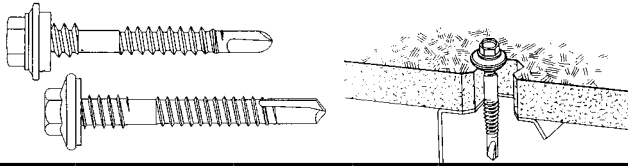


Part Number	Available Sizes	Weight	Fasteners Needed (1-1/2" o.c.)
4157910	7' x 75'	26 lbs.	1200
4155910	9' x 75'	31 lbs.	1200
4156910	12' x 75'	38 lbs.	1200
4171910	18' x 50'	30 lbs.	800

# Metal Building Selector Guide

## 9 Insulation Applications

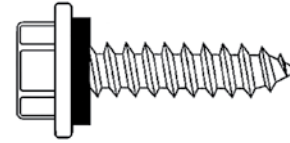
**TEKS® Self-Drilling Fasteners for Attachment of Metal Panel Over Rigid Insulation to Steel Framing (Purlin)**



Part Number	Description	Head Style	Drill Point	Insulation Range
<b>MAXISEAL®</b>				
1034000	12-14 x 1-7/8"	HWH	#3	3/4" x 1"
1036000	12-14 x 2-3/8"	HWH	#3	1-1/8" x 1-1/2"
1038000	12-14 x 3-1/4"	HWH	#3	1-5/8" x 2-3/8"
1040000	12-14 x 4"	HWH	#3	2-1/8" x 3-1/2"
<b>SCOTS®</b>				
1169200	12-14 x 1-7/8"	HWH	#3	3/4" x 1"
1170200	12-14 x 2-3/8"	HWH	#3	1-1/8" x 1-1/2"
1171200	12-14 x 3-1/4"	HWH	#3	1-5/8" x 2-3/8"
1172200	12-14 x 4"	HWH	#3	2-1/8" x 3-1/2"

## 10 Tapper Fastener Matrix

**For Attachment of Metal-to-Wood and Metal-to-Metal Applications.**



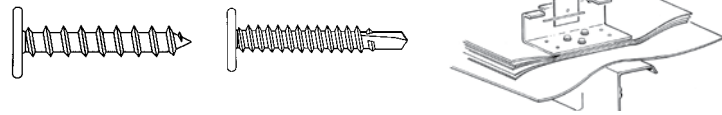
Part Number	Description	Pipe Outside Diameter	Dektite Base Diameter	Steel Drill & Tap Capacity	Max Material Attachment
<b>SCOTS® HWH</b>					
1178253	1/4-14 x 3/4"	Scots 5/16" AF HWH	Type AB	.012" - .048"	.435"
<b>HTZ™ HIGH TORQUE ZINC DIE CAST</b>					
1736054	1/4-14 x 1"	HTZ 5/16" AF HWH	Type AB	---	.685"
<b>MAXISEAL® INTEGRAL EPDM WASHER</b>					
1063053	17-14 x 1"	5/16" AF HWH	Type AB	---	.685"
<b>BONDED WASHER</b>					
1525053	14-10 x 1"	3/8" AF HWH	Type 17	.012" - .048"	0-.445"
1526053	14-10 x 1-1/2"	3/8" AF HWH	Type 17	.012" - .048"	0-.750"

## 11 Powder Paint

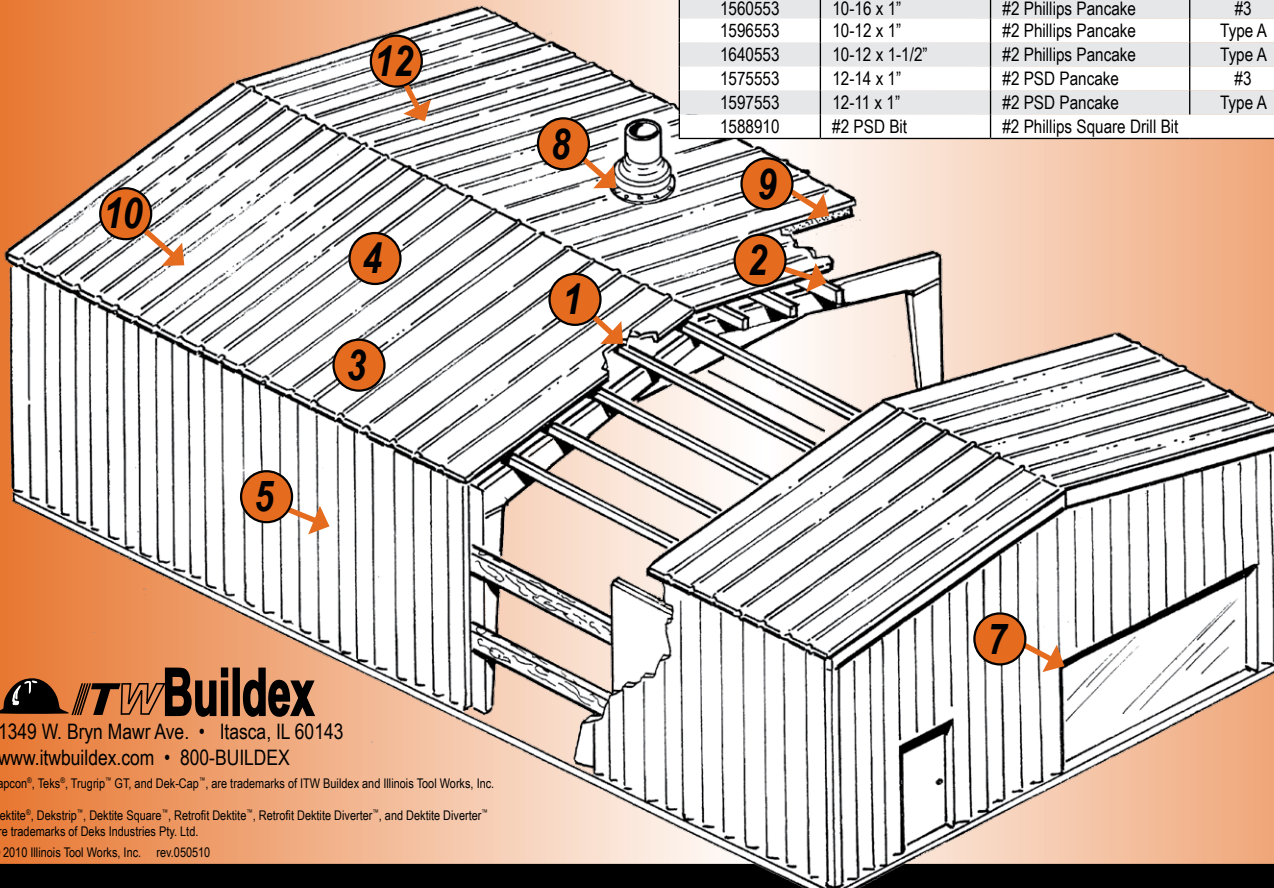
**P<sup>3</sup> (Premium Powder Paint System)** provides extended corrosion protection, excellent chalk/fade resistance and is covered by a 35 year warranty.

## 12 Low Profile Architectural SSR Clip Fasteners

**TEKS® Self-Drilling and A-Type Fasteners for Attaching Metal Roof Clips to Steel Purlin and Wood Supports**



Part Number	Description	Head Style	Drill Point	Max Material Attachment
1560553	10-16 x 1"	#2 Phillips Pancake	#3	.550
1596553	10-12 x 1"	#2 Phillips Pancake	Type A	.250
1640553	10-12 x 1-1/2"	#2 Phillips Pancake	Type A	.750
1575553	12-14 x 1"	#2 PSD Pancake	#3	.550
1597553	12-11 x 1"	#2 PSD Pancake	Type A	.250
1588910	#2 PSD Bit	#2 Phillips Square Drill Bit		



**ITW Buildex**  
 1349 W. Bryn Mawr Ave. • Itasca, IL 60143  
 www.itwbuildex.com • 800-BUILDEX

Tapcon®, TekS®, Trugrip™ GT, and Dek-Cap™, are trademarks of ITW Buildex and Illinois Tool Works, Inc.

Dektite®, Dekstrip®, Dektite Square™, Retrofit Dektite™, Retrofit Dektite Diverter™, and Dektite Diverter™ are trademarks of Decks Industries Pty. Ltd.

© 2010 Illinois Tool Works, Inc. rev.050510