

SCOTS TRUGRIP™

HTZ TRUGRIP™

Long Life Post Frame Fasteners



Applications

- Roof and wall panel to wood structure.
- Panel over insulation to wood structure.
- Stitch roof and wall panel.

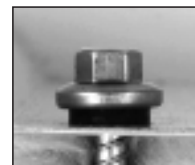
Product Features

- Integral washer head design seals even when driven at an angle.
- 300 series stainless head most preferred for galvalume long life panels.
- #10 Hi-Lo thread has 30% greater pullout than #9 in wood.
- Climaseal® long life finish resists corrosive elements in wood.
- Type 17 point for fast cutting and easier tapping.

Product Specifications

Diameter.....	#10 and #12
Thread Form.....	10-16 Hi-Lo and 12-14 Double Lead
Head Style.....	1/4" Across Flats HWH (300 Series Stainless)
Washer Style.....	7/16" O.D. Integral Head with EPDM Washer
Drill Point.....	#10: Type 17 #12: Gimlet
Finish.....	Climaseal® Available with P ³ powder paint

Head Style

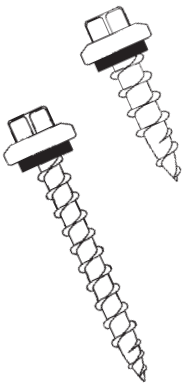


Scots Head



HTZ Head

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Material Attachment Range	Box Qty	Common Applications
1951053	10-16 x 1"	HWH	Type 17	.012-.048	0-.250	2,500	• Roof and wall panel to wood structure
1953053	10-16 x 1-1/2"	HWH	Type 17	.012-.048	0-.750	2,500	
1955053	10-16 x 2"	HWH	Type 17	.012-.048	.500-1.250	1,000	• Panel over insulation to wood structure
1957053	10-16 x 2-1/2"	HWH	Type 17	.012-.048	1.000-1.750	1,000	
1691053	12-14 x 3/4"	HWH	Gimlet	.012-.048	----	4,000	• Stitching of roof and wall panel
1937053	10-16 X 1-1/2"	HTZ	Type 17	.012-.048	0-.750	2,000	

Performance Data

PULLOUT VALUES IN STEEL (average lbs. ultimate)					
Fastener Dia.	Steel Gauge				
	26	24	22	20	18
10	151	238	291	359	478
12	199	271	360	426	656

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10	1927	1200	71
12	2778	2000	92

SHEET STEEL GAUGES	
Gauge No.	Decimal Equivalent
18	.048"
20	.036"
22	.030"
24	.024"
26	.018"
28	.015"
30	.012"

PULLOUT VALUES IN WOOD (average lbs. ultimate)					
Fastener Dia.	Embedment in 2" x 4" (SYP)				
	1/2"	3/4"	1"	1-1/4"	1-1/2"
10	256	710	753	1121	1358
12	210	335	-	-	-

PULLOVER VALUES (average lbs. ultimate)						
Fastener		Steel Gauge				
Dia.		26	24	22	20	18
10	Washed	548	932	1122	1444	1894
12	Washed	587	744	915	993	-

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Scots TruGrip. 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.
- 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.

Properly Seated Washers

