

SCP R_x DRILLER™



Hex Washer Head w/Washer, Zinc Applications

- Mansard panel to structure.
- Wall panels to girder.
- Roof panels to purlin or joist.
- Steel roofing & sheeting to metal frame structure.

Product Features

- Specialized point design to improve drilling performance with less effort.
- Long point design maximizes pullout performance and allows for extra drilling capacity.
- EPDM rubber washer for increased washer life.
- 300 Series stainless cap for rust free performance.
- Eliminates rust and streaking.
- Preferred fastener for all roofing applications.

Selector Guide

Description	Drill Point	Part Number	Drill & Tap Capacity	Box Quantity
12-14 x 1"	#3	12X1SCP	.035 - .210	2,500
12-14 x 1-1/4"	#3	12X1.25SCP	.035 - .210	2,500
12-14 x 1-1/2"	#3	12X1.5SCP	.035 - .210	2,500
12-14 x 2"	#3	12X2SCP	.035 - .210	2,500
1/4-14 x 7/8"	#1	LAPSCP	.018 - .090	2,500
1/4-14 x 1-1/4"	#3	14X1.25SCP	.035 - .210	2,500

Performance Data

Fastener		Pullout Values (Avg. Lbs. Ultimate)								
		Steel Gauge								
Size	Pt.	26	24	22	20	18	16	14	12	3/16
12-14	#3	142	211	289	341	551	757	1063	1631	2998

Fastener		Shear Values (Avg. Lbs. Ultimate)								
		Steel Gauge (lapped)								
Size	Pt.	26	24	22	20	18	16	14	12	3/16
12-14	#3	-	-	-	769	1358	1620	1970	1986	-

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install SCP Rx Driller. 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.

Fastener		Fastener Strength Values		
		Steel		
Size		Tensile	Shear	Torque
12-14		2778	2000	92

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

Note: Rosko Fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application.

SCP SUPER WOODY™



Hex Washer Head w/Washer, Coated Applications

- Roof and wall panels to wood framing.
- Sheeting over insulation to wood framing.
- Attaching corner, rake and ridge cap trim pieces.

Product Features

- Hi Hex head for driving stability.
- Sharp Type 17 point penetrates metal quickly and avoids splitting wood structure.
- EPDM rubber washer for increased washer life.
- 300 Series stainless cap for rust free performance.
- Eliminates red rust and streaking.
- Preferred fastener for all roofing applications.

Selector Guide

Description	Drill Point	Part Number	Drill & Tap Capacity	Material Attach. Range	Box Quantity
10-16 x 1-1/2	Type 17	1.5SCPSW	.012 - .048	0 - .750	2,500
10-16 x 2	Type 17	2SCPSW	.012 - .048	.500 - 1.250	2,500

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install SCP Super Woody. For optimal fastener performance, the screwgun should be a minimum of 4 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.

Performance Data

Fastener		Pullout Values (Avg. Lbs. Ultimate)					Pullout Values (Avg. Lbs. Ultimate)					Fastener Values		
		Steel Gauge					Wood (Embedment in 2"x 4")					Steel		
Size	Pt.	26	24	22	20	18	1/2"	3/4"	1"	1-1/4"	1-1/2"	Tensile	Shear	Torque
10-16	Type 17	151	238	291	359	478	256	710	753	1121	1358	1927	1400	71

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

Note: Rosko Fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application.

ZHP SUPER WOODY™



Hex Washer Head w/Washer, Coated Applications

- Roof and wall panels to wood framing.
- Sheeting over insulation to wood framing.
- Attaching corner, rake and ridge cap trim pieces.

Product Features

- Forged ZAMAK alloy head.
- Sharp Type 17 point penetrates metal quickly and avoids splitting wood structure.
- Hi-Lo thread for maximum holding power.
- EPDM rubber washer for increased washer life.
- Larger outer head diameter to prevent wind uplift.
- Eliminates red rust and streaking.
- Preferred fastener for all roofing applications.

Selector Guide

Description	Drill Point	Part Number	Drill & Tap Capacity	Material Attach. Range	Box Quantity
10-14 x 1	Type 17	1ZHPSW	.012 - .048	0 - .250	2,500
10-14 x 1-1/2	Type 17	1.5ZHPSW	.012 - .048	0 - .750	2,500
10-14 x 2	Type 17	2ZHPSW	.012 - .048	.500 - 1.250	2,500
10-14 x 2-1/2	Type 17	2.5ZHPSW	.012 - .048	1.000 - 1.750	2,500
10-14 x 3	Type 17	3ZHPSW	.012 - .048	1.500 - 2.250	2,500

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install SCP Super Woody. For optimal fastener performance, the screwgun should be a minimum of 4 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.

Performance Data

		Pullout Test Values (Lbs.)						Pullover Test Values (Lbs.)			Fastener Values (Lbs.)		
Fastener		Plywood			OSB	Southern Pine		Steel			Steel		
Size	Pt.	1/2"	5/8"	3/4	7/16"	1"	1-1/2"	24 ga.	26 ga.	29 ga.	Tensile	Shear	Torque
10-14	Type 17	450	600	750	350	805	1250	256	710	753	2300	1900	70

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

Note: Rosko Fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application.