

CARBON TAPPING SCREWS

Hex Washer Head w/Washer, Coated

Applications

- Metal to metal and metal to wood applications.
- Clips to structural or bar joist.
- Liner panels to structural steel or bar joist.
- #17 screw used for replacement or stripout repair. Commonly known as “goof” screw.

Product Features

- Engineered for fast and smooth tapping with less effort.
- Longer length fasteners can be used in retrofit clip & sheet applications.
- Dual seal washer design helps prevent leaks.
- #14 diameters have 5/16 Hex, #17 diameters are zinc plated.



Selector Guide

Description	Drill Point	Part Number	Box Quantity
14 x 1	A	1AWW	2,500
14 x 1-1/2	A	1.5AWW	2,500
14 x 2	A	2AWW	2,000
17 x 3/4 HH	AB	17X.75ABWW	2,500
17 x 1 HH	AB	17X1ABWW	2,500
17 x 1-1/2 HH	AB	17X1.5ABWW	2,000

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install tapping screws. 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.

Performance Data

		Pullout Values (Avg. Lbs. Ultimate)					Shear Values (Avg. Lbs. Ultimate)					Fastener Values		
Fastener		Steel Gauge					Steel Gauge (lapped)					Steel		
Size	Pt.	26	24	22	20	18	26-14	24-14	22-14	20-14	18-14	Tensile	Shear	Torque
14	A	595	827	1093	1341	1931	534	704	863	1245	2120	4060	2600	150

		Pullout Values (Avg. Lbs. Ultimate)					Shear Values (Avg. Lbs. Ultimate)					Fastener Values		
Fastener		Steel Gauge					Steel Gauge (lapped)					Steel		
Size	Pt.	14	12									Tensile	Shear	Torque
17	AB	986	1668									5136	4830	220

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.

300 STAINLESS STEEL TAPPING SCREWS



Hex Head

Applications

- Attach panels to structural steel or bar joist.
- Side lap stitching of panels.
- Coastal applications.

Product Features

- 300 series stainless offers corrosion free performance.

Selector Guide

Description	Drill Point	Part Number	Box Quantity
14 x 3/4	A	14X.75HSA	2,500
14 x 1	A	14X1HSA	2,500
14 x 1-1/2	A	14X1.5HSA	2,500
14 x 2	A	14X2HSA	2,000
14 x 2-1/2	A	14X2.5HSA	1,500
14 x 3	A	14X3HSA	1,000
14 x 4	A	14X4HSA	500
14 x 3/4	B	14X.75HSB	2,500
14 x 1	B	14X1HSB	2,500
14 x 1-1/2	B	14X1.5HSB	2,500
14 x 2	B	14X2HSB	2,000
14 x 2-1/2	B	14X2.5HSB	1,500
14 x 3	B	14X3HSB	1,000
14 x 4	B	14X4HSB	500

Other configurations of this product are available upon request.

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install tapping screws. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-1000.
- 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

		Pullover Values (Avg. Lbs. Ultimate)					Fastener Values		
Fastener		Steel Gauge					Steel		
Size	Pt.	26	24	22	20	18	Tensile	Shear	Torque
14	A	650	950	1325	1750	2350	2925	1925	125
14	B	650	950	1325	1750	2350	2925	1925	125

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300 STAINLESS STEEL TAPPING SCREWS



Hex Head w/Stainless Steel Washer

Applications

- Attach panels to structural steel or bar joist.
- Side lap stitching of panels.
- #17 screw used for replacement or stripout repair. Commonly known as “goof” screw.
- Coastal applications.

Product Features

- 300 series stainless offers corrosion free performance.

Selector Guide

Description	Drill Point	Part Number	Box Quantity
14 x 3/4	A	14X.75HSAWW	2,500
14 x 1	A	14X1HSAWW	2,500
14 x 1-1/2	A	14X1.5HSAWW	2,500
14 x 2	A	14X2HSAWW	2,000
14 x 2-1/2	A	14X2.5HSAWW	1,500
14 x 3	A	14X3HSAWW	1,000
14 x 4	A	14X4HSAWW	500
14 x 3/4	B	14X.75HSBWW	2,500
14 x 1	B	14X1HSBWW	2,500
14 x 1-1/2	B	14X1.5HSBWW	2,500
14 x 2	B	14X2HSBWW	2,000
14 x 2-1/2	B	14X2.5HSBWW	1,500
14 x 3	B	14X3HSBWW	1,000
14 x 4	B	14X4HSBWW	500
17 x 3/4	AB	17X.75ABS	2,500
17 x 1	AB	17X1ABS	2,500
17 x 1-1/2	AB	17X1.5ABS	2,000

Other configurations of this product are available upon request.

Installation Guidelines

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Performance Data

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		Steel Gauge					Steel		
Size	Pt.	26	24	22	20	18	Tensile	Shear	Torque
14	A	650	950	1325	1750	2350	2925	1925	125
14	B	650	950	1325	1750	2350	2925	1925	125
17	AB	550	850	1225	1650	2250	5200	3125	170

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