



# QUIK DRIVE® BGP300

Auto-Feed Screw Driving System  
For Metal Roofing and Siding



(800) 999-5099  
[www.strongtie.com](http://www.strongtie.com)

## Metal Roof and Siding Fastening Made Easier and More Economical

Simpson Strong-Tie® introduces the Quik Drive® BGP300 auto-feed screw driving system, an ideal solution for driving hex-head screws with washers to fasten metal roofing and siding. The BGP300 is designed to quickly and easily install collated fasteners for agricultural post-frame buildings as well as new and replacement residential roofing projects. Simpson Strong-Tie also offers a full range of galvanized or stainless-steel screws as well as powder-coated screws color-matched for almost any panel color.

The BGP300 features numerous innovations to improve the economics and ergonomics of installing fasteners into metal panels. The extension enables stand-up driving on low-slope roofs while the profile guides allow the user to quickly position the fastener on the center of the rib. To help prevent leaks, the locking depth control ensures a proper seating of the washer on every fastener.

### Features:

- Belt collation improves screw handling by eliminating dropped loose (or bulk) screws that can lead to scratched or dimpled panels
- New patent-pending advancement mechanism prevents skipped screws and allows a greater percentage of the collated screws to be driven
- Collated-fastener belt provides bi-directional loading for easier operation
- Newly designed feed track enables easier loading of fastener belts
- Locking depth control provides proper seating of the washer on virtually every fastener driven
- Removable side handle provides leverage on vertical applications
- Multiple profile guides to match a variety of panel profiles
- Quick-loading coupling helps make easy assembly and breakdown
- Adaptors available to fit a variety of popular screw guns
- Limited lifetime warranty on the attachment



The easy-loading feed track makes belt change over simple and fast. In some cases, fastener belts may be dropped into the tool.



# Metal Roof and Siding Fastening Made Easier and More Economical

Loose screws. Hunched-over workers. Inconsistent results. Practices for attaching metal panels may be established but not always optimized. The Quik Drive® system is designed to provide faster, easier and more consistent fastening.



Other belt-collated auto-feed systems often skip screws. With the new BGP300, the feeder senses when a screw is present and will not advance the belt until that screw is driven.



The Quik Drive locking depth control feature properly seats the washer on the fastener and helps prevent overdriving (as shown above) that can damage metal roofing and siding.



Quik Drive profile guides match the panel-ridge profiles with "feet" that rest on the flat portion of the panel. This contributes to centering the screw on the ridge for a more uniform, aesthetic look and a better fastener seal every time.

Common Metal-Roofing Challenges	BGP300 Solution
Loose screws can be lost money as a result of jobsite waste and damage to new panels	Collated fasteners eliminate dropped or lost screws and ensure every screw is driven
Fastening speed is limited by the ability of workers to handle and install individual screws	The BGP300 uses easy-loading, 25-screw belts that help reduce fastener installation times by up to 40%
Worker fatigue from hunching over to fasten metal roofs	Stand-up extension contributes to improved productivity since work can be done in a more ergonomically optimized position
Off-center, over-driven fastening	Profile guides on BGP300 ensure the screw is positioned properly and applied at the correct depth with a self-locking, depth-control mechanism



### The BGP300 system (model QDBGP300G2K) includes:

- Auto-feed attachment
- 2 Profile guides (flat and AG Panel)
- 2 Lobular hex-head driver bits (1/4" and 5/16")
- 16" extension
- Rugged tool box

The BGP300 does not include a screwdriver motor.

### Replacement Parts

Part Number	Description
QDBGP300G2K	Attachment/16" Extension/PPROFILEGUIDE11/PPROFILEGUIDE32
BLMANDRELBGP	Mandrel for BGP300
BITLLBHEX14	Bit – Lobular 1/4" Hex-Head Driver Bit
BITLLBHEX516	Bit – Lobular 5/16" Hex-Head Driver Bit
PADJARMBGP300G2	Adjusting Arm/BGP300G2 (Profile Guide NOT Included)
PPROFILEGUIDE11	Flat Profile Guide
PPROFILEGUIDE22	1/2"H x 2 2/3"W Corrugated Profile Guide
PPROFILEGUIDE23	7/8"H x 2 2/3"W Corrugated Profile Guide
PPROFILEGUIDE32	AG Panel/ 3/4" Rib Profile Guide
PPROFILEGUIDE33	J Rib/ 4-Rib Profile Guide
PPROFILEGUIDE5V	5V Profile Guide

PPROFILEGUIDE11



PPROFILEGUIDE32



PPROFILEGUIDE22  
(PPROFILEGUIDE23 Similar)



PPROFILEGUIDE5V

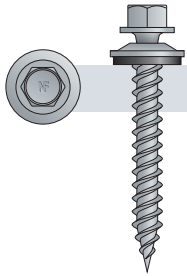
For the latest selection of profile guides, see [www.strongtie.com/qdbgp](http://www.strongtie.com/qdbgp).

# Metal Roofing Screws for the Quik Drive® BGP300

## Unmatched Variety of Custom Fastener Colors Available

No matter the color of the metal roofing selected, chances are Simpson Strong-Tie has a matching fastener for use with the Quik Drive auto-feed screw driving system. Our collated hex-head fasteners are available in a variety of stock colors to match a wide range of roof panels and feature EPDM-backed washers. The HJ, XJ and SSH screws are Master Gripper fasteners from Leland Industries. For technical information on this screw series, visit [www.lelandindustries.com/sst](http://www.lelandindustries.com/sst). Custom color matching is also available to match any project. For more information, contact Simpson Strong-Tie.

Select a fastener below and see our color chart on the next page to see how to order it in various colors.

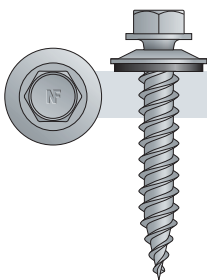


### HJ Screws – Metal to Wood / Metal

#### FEATURES:

- JS500 plating system
- Powder-coated head and washer
- 1/4" hex head
- #12 x 3/4" screw designed for stitching

Model No.	Shank Size	Length	Carton Quantity
HJ1WT10	#10	1"	500
HJ112WT10	#10	1½"	500
HJ2WT10	#10	2"	500
HJ212WT10	#10	2½"	500
HJ3WT10	#10	3"	500
HJ34WT12	#12	¾"	500

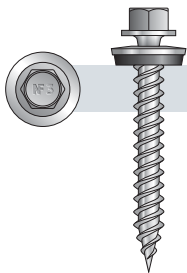


### XJ Screw – Metal to Wood / Metal

#### FEATURES:

- JS500 plating system
- Powder-coated head and washer
- 5/16" hex head

Model No.	Shank Size	Length	Carton Quantity
XJ1WT14	#14	1"	500
XJ114WT14	#14	1¼"	500
XJ112WT10	#14	1½"	500
XJ2WT10	#14	2"	500

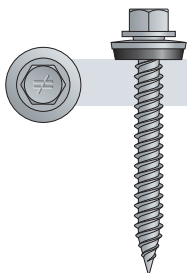


### SSH Screw – Metal to Wood

#### FEATURES:

- 304 Stainless-steel fastener and washer
- JS600 Plating system
- 1/4" hex head
- Available with powder-coated head and washer

Model No.	Shank Size	Length	Carton Quantity
SSH1WT10	#10	1"	500
SSH112WT10	#10	1½"	500
SSH2WT10	#10	2"	500
SSH212WT10	#10	2½"	500



### HG Screw – Metal to Wood / Metal

#### FEATURES:

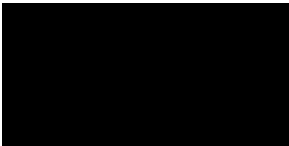

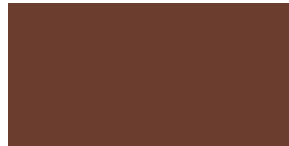
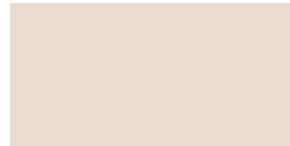


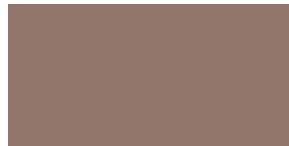
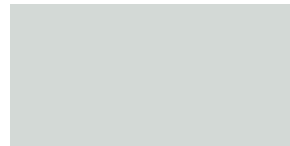



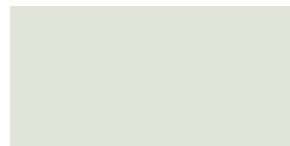



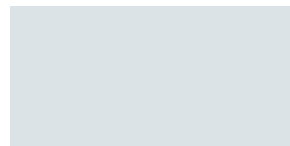



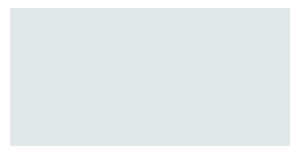

- Mechanically galvanized coating compliant with ASTM B-695 Class 55
- Type-17 point for timber and light-steel battens
- 1/4" hex head
- Not available in colors

Model No.	Shank Size	Length	Carton Quantity
HG112WT10	#10	1½"	500
HG2WT10	#10	2"	500

# Color Chart



Ensure Accurate Color Matching Between Simpson Strong-Tie® Screws and Popular Metal Roofing Colors with Our Color Reference Chart

 Black QC262 <b>0801</b>	 Bright Red QC386 <b>0703</b>	 Brown QC326 <b>1103</b>	 Stone <b>1001</b>
 Dark Gray <b>1006</b>	 Tile Red <b>0718</b>	 Buckskin QC055 <b>1108</b>	 Bone White QC273 <b>0103</b>
 Gray <b>1005</b>	 Red QC259 <b>0701</b>	 Saddle Tan <b>1107</b>	 MS White <b>0114</b>
 Charcoal QC306 <b>1007</b>	 Dark Green <b>0434</b>	 Tan QC315 <b>1106</b>	 White QC317 <b>0113</b>
 Ash Gray QC305 <b>1003</b>	 Medium Green QC307 <b>0402</b>	 Taupe <b>1117</b>	 Bright White <b>0105</b>
 Metallic Silver QC2624 <b>1404</b>	<p><b><i>The color samples in this PDF are for reference only and to show the range of available colors. For accurate color matching please request a copy of the printed flier.</i></b></p>		

In Canada, QC number codes reference the recognized color system of coil coater Baycoat Inc. in Hamilton, Ontario.

## How to Order Fasteners in These Colors

1. Select your fastener from the previous page, noting its model number in the table  
*Example: HJ34WT12*
2. Select a color from the chart above, noting the color code under the right corner of the paint chip (in bold).  
*Example: Black - 0801*
3. Add the color code to the end of the fastener model number to designate the color  
*Example model number with color code : HJ34WT12-0801*

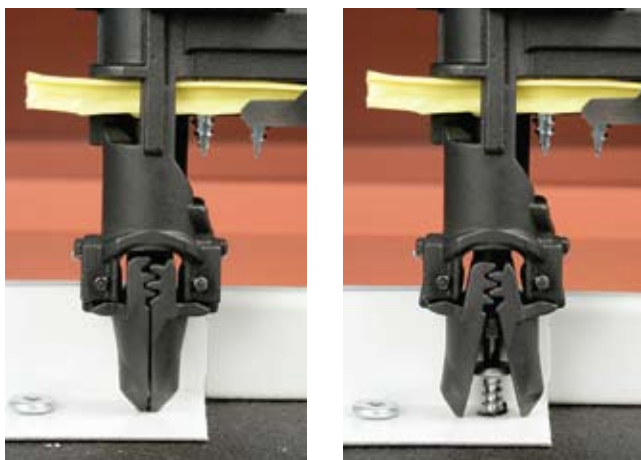
## Precision Placement Fastening for Standing-Seam Metal Roofing

In addition to exposed-fastening applications, Simpson Strong-Tie® offers Quik Drive® auto-feed systems for driving screws into standing-seam metal roofs. The clips of the Quik Drive PROPP150 system features the patent-pending Precision Placement™ nosepiece that enables fast, precise placement of collated screws in standing-seam panel clips. Now you can fasten panels in about half the time of traditional fastening methods.



### Features:

- Unique nosepiece shape makes it easy for the operator to find the hole in the panel clip with the tip of the tool and drive the screw in the right place every time
- Patented Quik Drive auto-feed mechanism provides hands-free screw advancement, eliminating the need to handle individual screws
- Collated fastener strips virtually eliminate fastener waste and prevent damage to roof panels from dropped fasteners
- Screws available in 3 head styles with 2 levels of corrosion resistance. Ultra-low-profile, pancake-head screws available for panel systems requiring minimal screw reveal



Innovative Precision Placement™ nosepiece allows for easy location of the hole in the panel clip to drive the screw



SYSTEM	OPTIONS	MODEL NO.
PROPP150	With Makita 2500 rpm Screwdriver Motor	PROPP150G2M25K
	With Makita 2500 Adjustable Torque Screwdriver Motor	PROPP150G2MATK
	Attachment only	QDPROPP150G2
	Extension	QDEXTG2-16
	Replacement Mandrel	PMANDREL10
	Replacement Hex Mandrel	BPHXLBPPG2

System includes mandrels for driving recessed and 5/16" hex bits.

*This flier is effective until January 31, 2013, and reflects information available as of September 1, 2010. This information is updated periodically and should not be relied upon after January 31, 2013; contact Simpson Strong-Tie for current information and limited warranty or see [www.strongtie.com](http://www.strongtie.com).*

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F-QDBGP300G210R 9/10 exp. 1/13

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