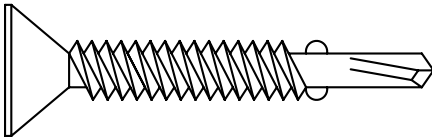


Heavy Gauge Metal (20ga or thicker)**Product #254****Flat Head DRIVALL® Winged Self Drilling** (1 OF 3)

Self drilling fastener for attaching 3/8" to 1-1/8" wood product to 18ga to 1/4" steel Finish - Clear Zinc and GRABBERGARD®



Flat Head



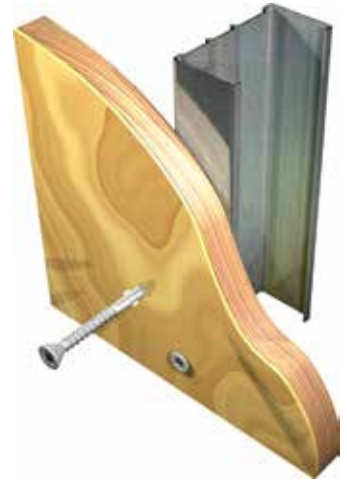
Drill Point



#2 Phillips Drive



#3 Phillips Drive

**APPLICATIONS**

- ▶ Attaching 1" or thicker plywood to 18ga to 1/4" metal

PRODUCT FEATURES

- ▶ 18 or 20 or 24 Threads per inch
- ▶ Superfast #3 or #4 drill point
- ▶ Flat head provides a flush finished surface
- ▶ Winged point creates pilot hole through the plywood

SPECIFICATIONS

- ▶ Gauge – #8, #12, #14
- ▶ Lengths – 1-5/16" to 3-3/4"
- ▶ Head Type – Flat
- ▶ Thread Type – Single Lead
- ▶ Recess Type – #2 or #3 Phillips
- ▶ Finish – Yellow Zinc, Clear Zinc, or GrabberGard
- ▶ GRABBER® screws are manufactured in an ISO 9001 and ISO 14001 certified and approved factory.

INSTALLATION GUIDELINES

- ▶ Suggested screwgun specification for optimal performance – 4 amps minimum and RPM range of 0 to 2,500.
- ▶ The Flat head is fully seated when the head is flush with the work surface.
- ▶ Overdriving may result in failure of the fastener or stripout of the work surface.
- ▶ The fastener must penetrate beyond the metal a minimum of three thread pitches.

Heavy Gauge Metal (20ga or thicker)

Product #254

Flat Head DRIVALL® Winged Self Drilling (2 OF 3)

PRODUCT SIZES AND ORDERING INFORMATION

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
P81516F3	#8x1-15/16"	49 mm	4 M	31.00(lbs)
P8516F3	#8x1-5/16"	34 mm	6 M	30.00(lbs)
12200FW3	#12x2"	51 mm	2 M	33.00(lbs)
12200FW3RG	#12x2"	51 mm	2 M	34.00(lbs)
12250FW3	#12x2-1/2"	63 mm	1.5 M	30.00(lbs)
CC12250LYZ	#12x2-1/2"	63 mm	1 M	30.00(lbs)
12250FW3RG	#12x2-1/2"	63 mm	1.5 M	31.00(lbs)
12275FW3	#12x2-1/2"	70 mm	1 M	33.00(lbs)
12225FW3	#12x2-1/4"	57 mm	2 M	30.00(lbs)
12275FW3RG	#12x2-3/4"	70 mm	1 M	25.00(lbs)
14275FW3	#14x2-3/4"	70 mm	1 M	10.00(lbs)
14350FW4RG	#14x3-1/2"	89 mm	.5 M	34.00(lbs)
14325FW4RG	#14x3-1/4"	83 mm	.9 M	34.00(lbs)
14375FW4RG	#14x3-3/4"	95 mm	.5 M	34.00(lbs)

*5lb Box and Collated screw packaging option available on selected items.

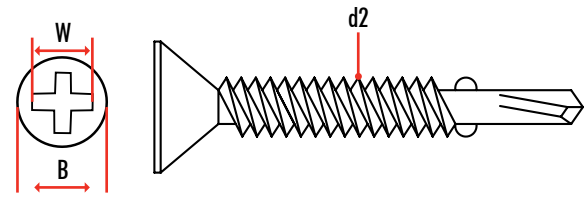
PULL-OUT DATA**

Screw Gauge	Metal Gauge	Shear (lbs.)	Pull Out
#12	12	2849	1214
	14	1672	851
	16	1183	675
#14	12	3015	1360
	14	1770	953
	16	1252	757

**GRABBER fasteners are not categorized as structural bolts. The figures listed above are ultimate average values based on AISI S100-16 J4, and apply to GRABBER fasteners only. An appropriate safety factor must be determined by a qualified professional for design purposes.

STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
Yellow Zinc	Salt Spray Results	ASTM B117	48 hours, no red rust
Clear Zinc	Salt Spray Results	ASTM B117	24 hours, no red rust
GRABBERGARD	Salt Spray Results	ASTM B117	1,000 hours no red rust
GRABBERGARD	Kesternich Results	DIN 50018, 2.0L	15 cycles, no red rust



DRILLING CAPACITY

Screw Gauge	Drill Point	Total Panel Thickness	Steel Thickness Gauge Range
8	3	0.100-0.140	18-10
10	3	0.110-0.175	18-10
12	3	0.110-0.210	18-10
14	3	0.110-0.250	18-1/4"
14	4	0.175-0.250	18-1/4"

All GRABBER® screw products are manufactured in facilities that are ISO 9001 and ISO 14001 certified and approved.



Heavy Gauge Metal (20ga or thicker)

Product #254

Flat Head DRIVALL® Winged Self Drilling (3 OF 3)

PRODUCT DIMENSIONS (MILLIMETERS)

Gauge	B Head Dia	Recess Depth	W Gauging Width	d2 Major Dia	TPI
#12	10.5	3.3	#3	5.4	24
#14	12.1	3.6	#3	6.2	20

SHEET STEEL GAUGES

Gauge No.	Decimal Equivalent	Millimeter Equivalent
12	0.1017"	2.6 mm
14	0.0713"	1.8 mm
16	0.0566"	1.5 mm

All GRABBER® screw products are manufactured in facilities that are ISO 9001 and ISO 14001 certified and approved.

