

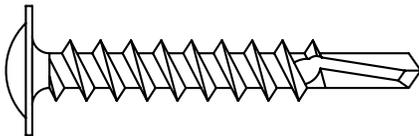
Heavy Gauge Metal (20ga or thicker)

Product #248

Wafer Head DRIVALL® Self Drilling (1 OF 3)

Attaches metal lath to 20-8 ga. steel studs and framing.

Finish - Clear Zinc, GRABBERGARD, GRABBERGARD Gray and Gray Phosphate



Wafer Head



S-12 Drill Point



#3 Drill Point



#4 Drill Point



#2 Phillips Drive

APPLICATIONS

- ▶ Self-furring metal lath through gypsum sheathing to steel studs and track, 20-8 gauge
- ▶ Steel studs to door frame jamb anchor clips
- ▶ Steel studs to track, 20-8 gauge
- ▶ Metal K-lath, wire lath, wood grounds to lathers channel structural studs and metal decks
- ▶ Other metal-to-metal attachments, 20-8 gauge

PRODUCT FEATURES

- ▶ Self-tapping drill point is designed for penetration into heavy gauge metal
- ▶ Wafer head provides a greater bearing surface with a low profile head exposure
- ▶ Heavier shank ensures entry in clips of hard steel
- ▶ Also available with ultra fast drill point

SPECIFICATIONS

- ▶ Gauge – #8 and #10 and #12
- ▶ Lengths – 1/2" to 3"
- ▶ Head Type – Wafer Type A
- ▶ Thread Type – Single Lead
- ▶ Recess Type – #2 Phillips
- ▶ Finish – Clear Zinc, Gray Phosphate or GRABBERGARD
- ▶ GRABBER® screws are manufactured in an ISO 9001 and ISO 14001 certified and approved factory. Specific fasteners are listed in ICC ESR-1271; please check the report for listed item numbers.

INSTALLATION GUIDELINES

- ▶ Use a standard screwgun with a depth-sensitive nose piece. Suggested screwgun specification for optimal performance – 4 amps minimum and RPM range of 0 to 2,500.
- ▶ The Wafer 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 #248****Wafer Head DRIVALL® Self Drilling** (2 OF 3)**PRODUCT SIZES AND ORDERING INFORMATION**

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
235Z	#8x1"	25 mm	5 M	27.00(lbs)
35Z	#8x1"	25 mm	5 M	27.00(lbs)
36RG	#8x1-1/4"	32 mm	5 M	32.00(lbs)
36Z	#8x1-1/4"	32 mm	5 M	32.00(lbs)
236Z	#8x1-1/4"	32 mm	5 M	32.00(lbs)
237Z	#8x1-5/8"	41 mm	4 M	31.00(lbs)
37RG	#8x1-5/8"	41 mm	4 M	31.00(lbs)
37Z	#8x1-5/8"	41 mm	4 M	31.00(lbs)
34RG	#8x1/2"	13 mm	10 M	37.00(lbs)
34	#8x1/2"	13 mm	10 M	37.00(lbs)
34Z	#8x1/2"	13 mm	10 M	37.00(lbs)
234FZ	#8x1/2"	13 mm	10 M	38.00(lbs)
234	#8x1/2"	13 mm	10 M	38.00(lbs)
234Z	#8x1/2"	13 mm	10 M	37.00(lbs)
376Z	#8x2"	51 mm	2.5 M	31.00(lbs)
238Z	#8x2-1/2"	63 mm	2.5 M	31.00(lbs)
39Z	#8x3"	76 mm	1 M	31.00(lbs)
234Z10CW	#10x3/4"	19 mm	5 M	34.00(lbs)
236Z10CW	#10x1-1/4"	19 mm	3.5 M	34.00(lbs)
34Z10CW	#10x3/4"	19 mm	5 M	34.00(lbs)
234Z12CW	#12x3/4"	19 mm	5 M	34.00(lbs)
34Z12CW	#12x3/4"	19 mm	5 M	34.00(lbs)

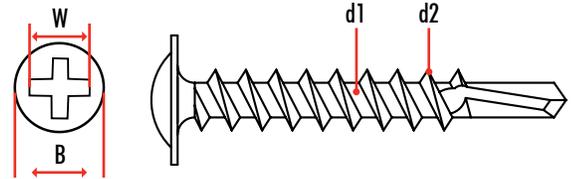
*1lb Box and 5lb Box screw packaging option available on selected items.

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
18	0.0451"	1.2 mm
20	0.0396"	1 mm

PRODUCT DIMENSIONS (MILLIMETERS)

Gauge	B Head Dia	Recess Depth	W Gauging Width	d Shank Dia	d1 Minor Dia	d2 Major Dia	TPI
#8	11.1	2.20	#2	3.3	2.95	4.15	18
#10	11.1	2.20	#2	3.8	3.35	4.72	16
#12	11.1	2.20	#2	3.8	4.09	5.39	14

**DRILLING CAPACITY**

Screw Gauge	Drill Point	Max Panel Thickness	Steel Thickness Gauge Range
8	3	0.100-0.140	20-12
10	3	0.110-0.175	20-8
12	3	0.110-0.210	20-8
14	3	0.110-0.220	20-8
12	4	0.175-0.220	18-0

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Wafer Head DRIVALL® Self Drilling (3 OF 3)

PULL-OUT TEST DATA

Screw Gauge	TPI	Metal Gauge	Tension (lbs.)	Shear (lbs.)
#8	18	14	684	1251
		16	576	1239
		18	300	702
		20	213	456
#10	16	12	1284	1611
		14	819	1776
		16	654	1527
		18	339	756
		20	246	492
#12	14	12	1214	2760
		14	851	1800
		16	675	1290
		18	373	924

**GRABBER® fasteners are not categorized as structural bolts. The figures listed above are ultimate average values achieved under independent laboratory conditions, and apply to GRABBER® Line 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
Clear Zinc	Salt Spray Results	ASTM B117	24 hours, no red rust
Gray Phosphate	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

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