

Heavy Gauge Metal (20ga or thicker)**Product #244****Pan Framing Head DRIVALL® Self** (1 OF 2)

Pan head drill point fasteners designed for attaching 20-8 ga. steel. Unique grip-tight, high torque pan head design.

Finish - Clear ZincPan
Head

Drill Point

#2 Phillips
Drive**APPLICATIONS**

- ▶ Steel studs to track, 20-8 gauge
- ▶ Steel studs to door frame jamb anchor clips
- ▶ Other metal-to-metal applications, 20-8 gauge

PRODUCT FEATURES

- ▶ Self tapping drill point is designed for penetration into heavy gauge steel
- ▶ #2 Phillips recess drive
- ▶ Pan Framing head provides a flat bearing surface

SPECIFICATIONS

- ▶ Gauge – #6
- ▶ Length – 7/16"
- ▶ Head Type – Pan Framing
- ▶ Recess Type – #2 Phillips
- ▶ Thread Type – Single Lead
- ▶ Finish – Gray Phosphate or Clear Zinc
- ▶ 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 Pan Framing head is fully seated when the head is flush with the work surface.
- ▶ Overdriving may result in failure of the fastener or stripping of the work surface.
- ▶ The fastener must penetrate beyond the metal a minimum of three thread pitches.

Heavy Gauge Metal (20ga or thicker)

Product #244

Pan Framing Head DRIVALL® Self (2 OF 2)

PRODUCT SIZES AND ORDERING INFORMATION

Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
19Z	#6x7/16"	11 mm	15 M	38.00(lbs)
20Z	#8x1/2"	13 mm	10 M	33.00(lbs)
10100P	#10x1"	25 mm	2.5 M	37.00(lbs)
10075P	#10x3/4"	19 mm	4 M	30.00(lbs)

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

PRODUCT DIMENSIONS (MILLIMETERS)

Gauge	B Head Dia	Recess Depth	W Gauging Width	d Shank Dia	d1 Minor Dia	d2 Major Dia	TPI
#6	7.40	2.49	#2	2.78	2.40	3.40	20
	8.10	2.87		2.82	2.60	3.60	
#8	8.18	6.20		3.28	2.85	4.05	18
	8.84	6.35		3.32	3.05	4.25	
#10	9.75	7.75		3.78	3.25	4.62	16
	10.50	7.93		3.82	3.45	4.82	
#12	10.10	7.75		4.38	3.99	5.31	14
	11.00	7.93		4.42	4.17	5.46	
#14	12.20	9.32		5.08	4.70	6.10	14
	13.20	9.52		5.12	4.88	6.25	

SHEET STEEL GAUGES

Gauge No.	Decimal Equivalent	Millimeter Equivalent
14	0.0713"	1.8 mm
16	0.0566"	1.5 mm
18	0.0451"	1.2 mm
20	0.0396"	1 mm

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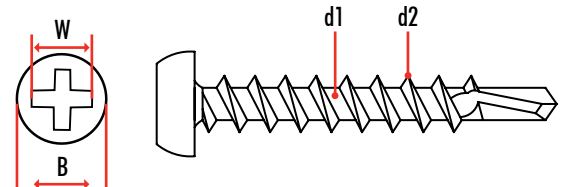
STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
Clear Zinc	Salt Spray Results	ASTM B117	24 hours, no red rust

PULL-OUT TEST DATA

Screw Gauge	Metal Gauge	Tension (lbs.)	Shear (lbs.)
#6	14	906	1145
	16	265	792
	18	287	797
	20	237	557
#8	14	450	1012
	16	442	955
	18	340	1045
#10	20	265	680
	12	1082	1660
	14	657	1395
#10	16	542	1332
	18	415	1072
	20	367	675

**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.



DRILLING CAPACITY

Screw Gauge	Drill Point	Max Panel Thickness	Steel Thickness Gauge Range
6	3	0.090-0.110	20-12
8	3	0.100-0.140	20-12
10	3	0.110-0.175	20-8