

**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 Zinc**Pan  
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 9002 and ISO 14001 certified and approved factory, and are approved by ICC ESR report ESR-1271.

**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 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 #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                  |

All GRABBER® screw products are manufactured in facilities that are ISO 9002 and ISO 14001 certified and approved. The fasteners comply with ASTM C1513, as referenced in ICC ESR report ESR-1271, are approved for use in structures governed by the International Building Code 2006, 2009, 2012, International Residential Building Code 2006, 2009, and 2012.



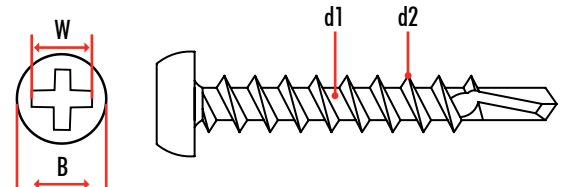
**STANDARD CORROSION TEST RESULTS**

| 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         |
|             | 20          | 265            | 680          |
| #10         | 12          | 1082           | 1660         |
|             | 14          | 657            | 1395         |
|             | 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                        |