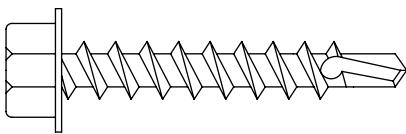


Heavy Gauge Metal (20ga or thicker)**Product #246****Hex Head DRIVALL® Self Drilling** (1 OF 3)

Attaches fixtures, backup plates, door frames and lathers channel to structural studs, metal checks, etc. 20-8 ga.

Finish - Clear Zinc and GRABBERGARD



Hex Head

S-12
Drill Point#3
Drill Point#4
Drill Point#5
Drill Point

Hex Drive

APPLICATIONS

- ▶ Steel studs to track, 20-8 gauge steel
- ▶ Steel studs to door frame jamb anchor clips
- ▶ Plaster grounds to 20-8 gauge steel
- ▶ Other metal-to-metal attachments, 20-8 gauge

PRODUCT FEATURES

- ▶ Self tapping drill point is designed for penetration into heavy gauge metal
- ▶ Hex head provides maximum driving torque with a flat bearing surface
- ▶ Also available with #3, #4, and #5 point

SPECIFICATIONS

- ▶ Gauge – #8 to #14
- ▶ Lengths – 1/2" to 2-1/2"
- ▶ Head Type – Hex
- ▶ Thread Type – Single Lead
- ▶ Finish – Clear Zinc
- ▶ GRABBER® screws are manufactured in an ISO 9001 and ISO 14001 certified and approved factory.

INSTALLATION GUIDELINES

- ▶ Use a standard screwgun or drill. Suggested screwgun specification for optimal performance – 4 amps minimum and RPM range of 0 to 2,500.
- ▶ The Hex 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 #246

Hex Head DRIVALL® Self Drilling (2 OF 3)

PRODUCT SIZES AND ORDERING INFORMATION

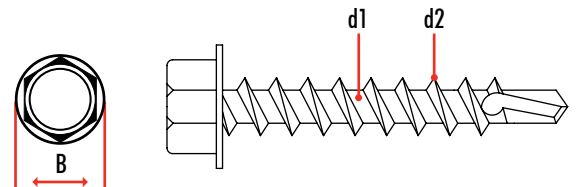
Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
08100H3	#8x1"	25 mm	7.5 M	38.00(lbs)
08125H3	#8x1-1/4"	32 mm	5 M	35.00(lbs)
08050H3	#8x1/2"	13 mm	15 M	37.00(lbs)
08200H3	#8x2"	51 mm	3 M	33.00(lbs)
08075H3	#8x3/4"	19 mm	10 M	42.00(lbs)
08058H3	#8x5/8"	16 mm	10 M	37.00(lbs)
10100H3	#10x1"	25 mm	5 M	37.00(lbs)
10150H3	#10x1-1/2"	38 mm	3.5 M	35.00(lbs)
10125H3	#10x1-1/4"	32 mm	5 M	33.00(lbs)
10050H3	#10x1/2"	13 mm	7.5 M	37.00(lbs)
10200H3	#10x2"	51 mm	3 M	31.00(lbs)
10300H3	#10x3"	76 mm	3 M	38.00(lbs)
10075H3	#10x3/4"	19 mm	5 M	30.00(lbs)
10058H3	#10x5/8"	16 mm	7.5 M	41.00(lbs)
12100H3	#12x1"	25 mm	3.5 M	40.00(lbs)
12150H3	#12x1-1/2"	38 mm	2.5 M	35.00(lbs)
12125H3	#12x1-1/4"	32 mm	3.5 M	34.00(lbs)
12250H3	#12x2-1/2"	63 mm	1.5 M	30.00(lbs)
12300H3	#12x3"	76 mm	1 M	22.00(lbs)
12350H3	#12x3-1/2"	89 mm	1 M	21.00(lbs)
12075H3	#12x3/4"	19 mm	5 M	40.00(lbs)
12075HA	#12x3/4"	19 mm	5 M	40.00(lbs)
14100H3	#14x1"	25 mm	3.5 M	52.00(lbs)
14150H3	#14x1-1/2"	38 mm	2 M	33.00(lbs)
14125H3	#14x1-1/4"	32 mm	2 M	35.00(lbs)
14200H3	#14x2"	51 mm	1.5 M	34.00(lbs)
14250H3	#14x2-1/2"	63 mm	2 M	33.00(lbs)
14300H3	#14x3"	76 mm	1 M	22.00(lbs)
14075H3	#14x3/4"	19 mm	5 M	61.00(lbs)
14400H4	#14x4"	102 mm	.5 M	21.00(lbs)
1224150H4RG	#12-24x1-1/2"	38 mm	2.5 M	33.00(lbs)
1224125H4	#12-24x1-1/4"	32 mm	3 M	50.00(lbs)
1224125H5	#12-24x1-1/4"	32 mm	3 M	50.00(lbs)
1224200H4RG	#12-24x2"	63 mm	2 M	36.00(lbs)
122478H4	#12-24x7/8"	22.23 mm	3.5 M	50.00(lbs)
1420150H5RG	#14-20x1-1/2"	38 mm	2 M	50.00(lbs)

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

STANDARD CORROSION TEST RESULTS

Finish	Test	Standard/Protocol	Results
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	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
14	4	0.175-0.250	18-1/4"
12	5	0.250-0.500	18-1/2"
14	5	0.250-0.500	18-1/2"

Heavy Gauge Metal (20ga or thicker)

Product #246

Hex Head DRIVALL® Self Drilling (3 OF 3)

PULL-OUT TEST DATA**

Screw Gauge	TPI	Metal Gauge	Tension (lbs.)	Shear (lbs.)
#8	18	14	765	1065
		16	621	1011
		18	336	705
		20	231	456
#10	16	14	888	1779
		16	660	1530
		18	327	759
		20	231	492
#12	14/24	12	1404	2259
		14	852	2193
		16	651	1632
		18	336	786
#14	14/20	12	1491	2478
		14	879	2391
		16	639	1662
		18	357	861

**GRABBER® fasteners are not categorized as structural bolts. The figures listed above are ultimate average values, and apply to GRABBER® Line fasteners only. An appropriate safety factor must be determined by a qualified professional for design purposes. ~

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	d1 Minor Dia	d2 Major Dia	TPI
#8	8.5	6.28	3.3	2.95	4.15	18
#10	10.1	7.84	3.8	3.35	4.72	16
#12	10.5	7.84	4.4	4.1	5.39	14
#14	12.7	9.42	5.1	4.79	6.18	14

All GRABBER® screw products are manufactured in facilities that are ISO 9001 and ISO 14001 certified and approved. The fasteners comply with ASTM C1513, some of which are referenced in ESR-1271.

