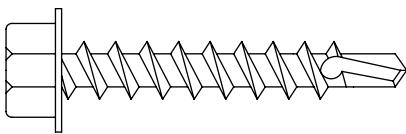


Heavy Gauge Metal (20ga or thicker)**Product #246****Hex Head DRIVALL® Self Drilling** (1 OF 3)

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

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

SPECIFICATIONS

- ▶ Gauge – #6 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 9002 and ISO 14001 certified and approved factory, and are approved by ICC ESR report ESR-1271.

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 point

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 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

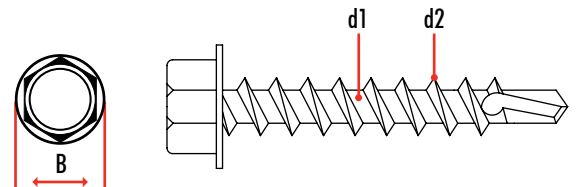
Catalog No.	Gauge/Length	Length Metric	Quantity Per Carton	Weight Per Carton
08100H3	#8x1"	25 mm	7.5 M	38.00(lbs)
08100HA	#8x1"	25 mm	7.5 M	38.00(lbs)
08125H3	#8x1-1/4"	32 mm	5 M	35.00(lbs)
08050H3	#8x1/2"	13 mm	15 M	37.00(lbs)
08200H3	#8x2"	51 mm	3 M	33.00(lbs)
08075H3	#8x3/4"	19 mm	10 M	42.00(lbs)
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	2 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)
1224200H4RG	#12-24x2-1/2"	63 mm	2 M	36.00(lbs)
122478H4	#12-24x7/8"	22.23 mm	3.5 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"

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	450	1012
		16	442	955
		18	340	1045
		20	265	680
#10	16	14	657	1395
		16	542	1332
		18	415	1072
		20	367	675
#12	14	14	577	1827
		16	582	1377
		18	400	1087
		20	350	670
#14	14	14	602	1995
		16	560	1485
		18	460	1127
		20	240	748

**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. ~

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	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		

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.

