

SCREW FACTS

(A) (B) (C) (D) (E) (F)

(1) #12 - 14 x 1" HWH SDS W/W

A. Diameter of screw

#6, #8, #10, #12, & #14

B. Threads per inch

10, 14, 16, 20, & 24

C. Length measured from under head to point

1/2" to 8"

D. Head style

HWH - Hex washer head

PCHD - Pancake head

HHD - Hex head

ModTruss - Modified truss head

E. Type of screw

SDS - Self-Drillig screw

"A" - Tapping screw

"B" - Tapping screw

F. With a sealing washer

(2) Self-Drilling screws can either drill or tap but not both at the same time.

(3) Self-Drilling screws should be installed with a 0-2500 RPM screw gun with depth nosepiece attached. Cordless guns are not recommended.

(4) Treat SDS screws like a high-speed drill bit. Too slow of an RPM surface will work harden. Too fast of an RPM screws will burn up.

(5) Sockets should be replaced every 2000 to 3000 screws. They wear out, collect metal shavings, and give a poor fit. Also, magnets in the sockets are adjustable.

(6) Depth nosepiece needs to be used on the gun to insure proper seating of the sealing washer.

TECHNICAL INFORMATION

Inches to Decimal

Inches	Decimal	Inches	Decimal	Inches	Decimal	Inches	Decimal
1/32	.0312	9/32	.2812	17/32	.5312	25/32	.7812
1/16	.0625	5/16	.312	9/16	.5625	13/16	.8125
3/32	.0937	11/32	.3437	19/32	.5937	27/32	.8437
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.1562	13/32	.4062	21/32	.6562	29/32	.9062
3/16	.1875	7/16	.4375	11/16	.687	15/16	.9375
7/32	.2187	15/32	.4687	23/32	.7187	31/32	.9687
1/4	.250	1/2	.500	3/4	.750	1	1.00

Gauges to Decimal

Gauge	Decimal	Gauge	Decimal	Gauge	Decimal	Gauge	Decimal
3	.239	12	.105	21	.033	30	.0120
4	.224	13	.090	22	.030	31	.0105
5	.209	14	.075	23	.027	32	.0097
6	.194	15	.067	24	.024	33	.0090
7	.179	16	.060	25	.021	34	.0082
8	.164	17	.054	26	.018	35	.0075
9	.150	18	.048	27	.016	36	.0067
10	.135	19	.042	28	.015	37	.0064
11	.120	20	.036	29	.014	38	.0060

Material Thickness Guideline for Self-Drilling Screws

Point	Diameter	.050	.100	.150	.200	.250	.300	.350	.400	.500	.600	Drill Speed
2	6	.035 ----- .090										2500
2	8	.035 ----- .104										2500
2	10	.035 ----- .110										2500
2	1/4	.035 ----- .176										2500
3	10	.035 ----- .176										2250
3	12	.110----- .210										2000
3	1/4	.110----- .230										1750
4	12	.187 ----- .312										1500
5	12	.187----- .500										1500