


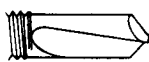




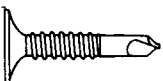
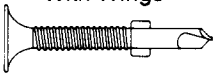

DECIMAL EQUIVALENTS
OF STANDARD GAUGES
OF SHEET STEEL
AND SHEET ALUMINUM

DRILLING CAPACITY

DRILLS, TAPS, FASTENS IN SECONDS

Standard Fasteners			
Application	What To Use	Diameter	Recommended Material Thickness
Light Gauge Metals	Type/2 	No. 6	.035 to .090
		No. 8	.035 to .100
		No. 10	.035 to .110
Medium Gauge Metals	Type/3 	No. 8	.100 to .140
		No. 10	.110 to .175
		No. 12	.110 to .210
		1/4"	.110 to .250
Heavier Gauge Metals	Type/4 	No. 12	.175 to .210
		1/4"	.175 to .250
	Special Type/4 	No. 12	.210 to .375
		Dril-It 	No. 12

Number of Gauge	(Thickness in decimal parts of an inch)	
	ALUMINUM (B & S)	SHEET STEEL (Mfg. Std.)
000000	.5800
00000	.5165
0000	.4600	.4062
000	.4096	.375
00	.3648	.3437
0	.3249	.3125
1	.2893	.2812
2	.2576	.2656
3	.2294	.2391
4	.2043	.2242
5	.1819	.2092
6	.1620	.1943
7	.1443	.1793
8	.1285	.1644
9	.1144	.1495
10	.1019	.1345
11	.0907	.1196
12	.0808	.1046
13	.0720	.0897
14	.0641	.0747
15	.0571	.0673
16	.0508	.0598
17	.0453	.0538
18	.0403	.0478
19	.0359	.0418
20	.0320	.0359
21	.0285	.0329
22	.0253	.0299
23	.0226	.0269
24	.0201	.0239
25	.0179	.0209
26	.0159	.0179
27	.0142	.0164
28	.0126	.0149
29	.0113	.0135
30	.0100	.0120
31	.0089	.0105
32	.0080	.0097
33	.0071	.0090
34	.0063	.0082
35	.0056	.0075
36	.0050	.0067
37	.0045	.0064
38	.0040	.0060

Special Purpose Fasteners				
Application	What To Use	Diameter	Recommended Material Thickness Cold Rolled Steel	Stock Lengths Available (in.)
Sheet To Sheet	Stitch Screw 	1/4"	To 2 Sheets of 24 Ga.	7/8"
Plywood Or Composite (1/2" Max.) To Metal	Plymetal 	No. 10	To .175 Max.	1"
Plywood Or Composite (Over 1/2") To Metal	Plymetal With Wings 	No. 10	.089 Min. To .175 Max.	1-7/16"
2 x 4 Or Furring To Steel	Header 	No. 12	.089 Min. To .210 Max.	2-1/2" & 2-3/4"

ULTIMATE PULL-OUT LOADS (LB.) FOR STANDARD SDS

Screw	SDS Thread	Point	20	18	16	14	Gauge 13	12	10	5/32	3/16	7/32
#6-20	2		283	472	583	873	1065					
#8-18	2		301	526	658	951	1214	1541				
#10-16	2		321	537	701	981	1288	1602				
#8-18	3							1332	1839			
#10-16	3							1448	1971	2622		
#12-14	3							1546	2178	2687	3399*	
1/4-14	3							1743	2286	3220	3945	4650*

NOTE: THESE FIGURES ARE OFFERED ONLY AS A GUIDE AND ARE NOT GUARANTEED