



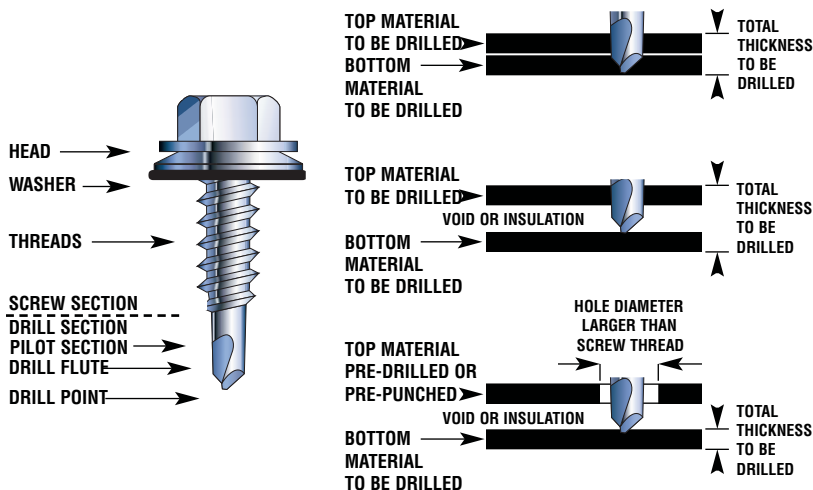
FASTENER SELECTION GUIDE FOR FASTENING NON RIGID INSULATION

Insulation Thickness	0"	1"	2"	3"	4"	5"	6"
Self Tapping Fastener Lengths	3/4"	1" LENGTH		1-1/4"		1-1/2" LENGTH	
Self Drill Fastener Lengths	1" LENGTH		1-1/4" LENGTH		1-1/2" LENGTH		2" LENGTH
Recommended Sealing Washer Diameter	1/2" →	5/8" →		3/4" →		1" Min. →	

DECIMAL EQUIVALENTS SHEET STEEL STOCK

GAUGE	COLD ROLLED STEEL	FRACTION
1	-	
2	-	
3	.2391	
4	.2242	
5	.2187	7/32"
6	.2092	
7	.1943	
8	.1875	3/16"
9	.1793	
10	.1644	
11	.1562	5/32"
12	.1495	
13	.1345	
14	.125	1/8"
15	.1196	
16	.1046	
17	.0937	3/32"
18	.0897	
19	.0747	
20	.0673	
21	.0625	1/16"
22	.0598	
23	.0538	
24	.0478	
25	.0418	
26	.0359	
27	.0329	
28	.0312	1/32"
29	.0299	
30	.0269	
	.0239	
	.0209	
	.0179	
	.0164	
	.0149	
	.0135	
	.0120	

DRILLER LENGTH INFORMATION



Leland self-drilling fasteners penetrate metal with ease. The drilling section comprises drill point, drill flutes (which provide for clearance and removal of metal chips) and unthreaded pilot section. Length of the flutes and pilot section determine drilling capacity of the fastener. The screw threads advance the fastener faster than the drill point can remove metal. So, drilling must be completed before the threads engage. In selecting the proper Leland self-driller for an application, consider the total thickness of the materials to be drilled.

All test results and suggestions are based on laboratory tests. Specific job site conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information.