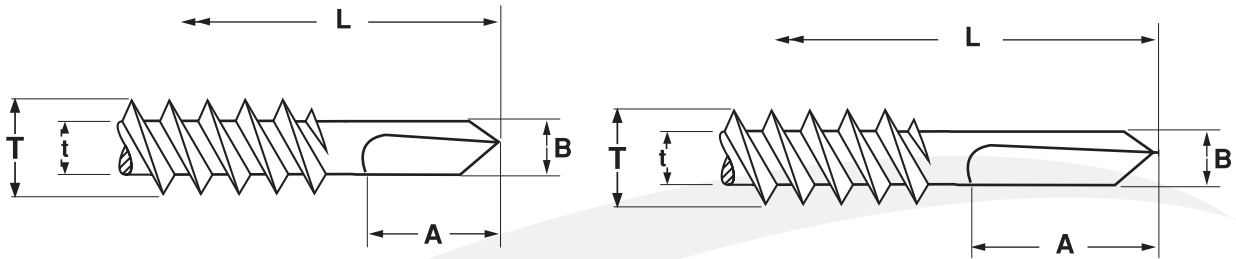


#4 & #5 Point with Spaced Thread **SELF-DRILLING**



#4 Point

#5 Point

<b>#4 &amp; #5 POINT SELF DRILLING SCREWS, TAPPING SCREW THREAD</b>												
Diameter & Thread Pitch	L	Point Size	T		t		A		B		Drilling Capacity	
	Length (+0, -.050)		Major Thread Diameter		Minor Thread Diameter		Drill Point Length		Drill Point Diameter			
			Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
12-14	7/8 thru 1.25"	#4	.215	.209	.164	.157	.480	.455	.202	.188	.312	.145
12-14	3/4 thru 4"	#5	.215	.209	.164	.157	.630	.605	.202	.188	.500	.250
1/4-14	7/8 thru 3.5"	#4	.246	.240	.192	.185	.650	.625	.225	.215	.312	.145
1/4-14	1.5 thru 6"	#5	.246	.240	.192	.185	.755	.730	.225	.215	.500	.250
5/16-12	1 thru 1.5"	#4	.315	.307	.272	.263	.570	.515	.285	.275	.312	.110
5/16-12	1 thru 3"	#5	.315	.307	.244	.236	.590	.555	.275	.285	*	*

\*There is no industry standard governing the performance of #4 & #5 drill point screws. The manufacturer recommends testing this part in the actual application to determine if it will achieve the desired drilling capacity. As a point of reference, the manufacturer has successfully drilled through a plate thickness of 0.236" using a minimum torque of 334 kg/cm.

<b>Description</b>	A tapping screw with an integrally formed hex washer head, spaced threads, and a drill point significantly longer than that of a # 2 or #3 point drill screw.
<b>Applications/ Advantages</b>	Designed to drill through a greater thickness of steel than a standard self drilling screw. Although it can assist in attaching metal deck to structural steel, the #4 & #5 point self drilling screws are not structural bolts and should not be used as such.
<b>Material</b>	AISI 1022 or equivalent steel
<b>Heat Treatment</b>	Screws shall be quenched in liquid and then tempered by reheating to 625°F minimum.
<b>Case Hardness</b>	Rockwell C50 - 56
<b>Case Depth</b>	<i>No. 12 diameter:</i> .004 - .009 <i>1/4 and larger:</i> .005 - .011
<b>Core Hardness (after tempering)</b>	Rockwell C32 - 40
<b>Plating</b>	See Appendix-A for plating information.