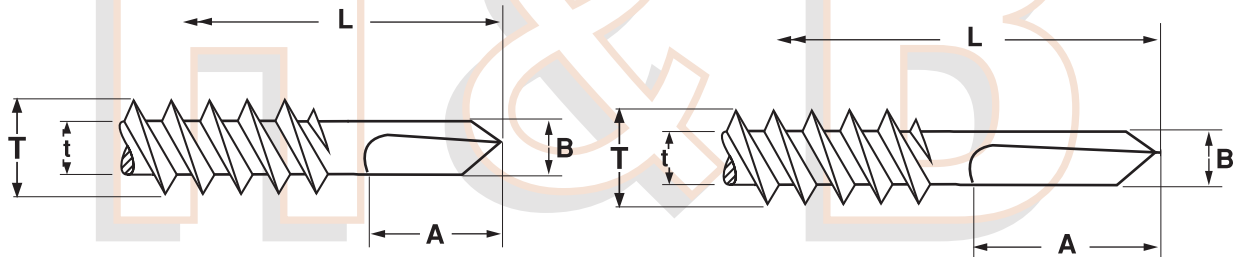


#4 & #5 Point with Spaced Thread **SELF-DRILLING**



#4 Point

#5 Point

<p>#4 & #5 POINT SELF DRILLING SCREWS, TAPPING SCREW THREAD</p>												
Diameter & Thread Pitch	L Length (+0, -.050)	Point Size	T		t		A		B		Drilling Capacity	
			Major Thread Diameter		Minor Thread Diameter		Drill Point Length		Drill Point Diameter		Max	Min
	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.

Description	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.
Applications/ Advantages	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.
Material	AISI 1022 or equivalent steel
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating to 625°F minimum.
Case Hardness	Rockwell C50 - 56
Case Depth	<i>No. 12 diameter:</i> .004 - .009 <i>1/4 and larger:</i> .005 - .011
Core Hardness (after tempering)	Rockwell C32 - 40
Plating	See Appendix-A for plating information.