



# TRIM HEAD SELF-DRILLING SCREWS

Nominal Size & Number of Threads per Inch	Major Thread Dia.		Head Diameter		Phillips Drive				Square Drive				Head Thickness		Head Height		Drill Point Length	Driver Size	Square Recess Driver Size
					Recess Diameter		Recess Depth		Recess Square		Recess Depth								
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Min		
6-20	.142	.133	.236	.216	.136	.121	.082	.066	.091	.089	.063	.047	.032	.023	.149	.133	.140		
8-18	.169	.161	.275	.255	.136	.121	.082	.066	.091	.089	.063	.047	.032	.023	.149	.133	.156	1	1
8-18	.169	.161	.275	.255	.182	.168	.104	.079	.113	.110	.075	.064	.032	.023	.149	.133	.156	2	2
Tolerance on Length										± 0.06									

<b>Description</b>	A steel fastener with a double-lead, spaced thread, a point that drills its own hole, and a countersunk flat head of a width 1/3 less than a standard self-drilling screw.
<b>Applications/ Advantages</b>	Ideal for attaching base board or trim through one or two layers of drywall to 12 - 20 gauge metal studs:
<b>Material</b>	AISI 1018 - 1022 or equivalent steel.
<b>Heat Treatment</b>	Screws shall be quenched in liquid and then tempered by reheating to 625°F minimum.
<b>Surface Hardness</b>	Vickers HV 550 - 800
<b>Case Depth</b>	.004 minimum
<b>Core Hardness (after tempering)</b>	Vickers HV 270 - 450
<b>Plating</b>	Trim head self-drilling screws are commonly available in zinc plated coatings. See Appendix-A for details.