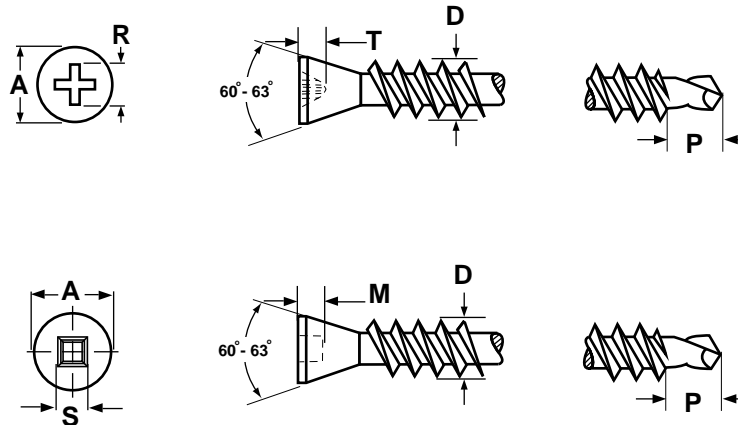


# Trim Head Self-Drilling Self-Tapping Screws



TRIM HEAD SELF DRILLING SCREWS																
Nominal Size & Number of Threads per Inch	D		R		T		S		M		A		P	Phillips Driver Size	Square Recess Driver Size	Torque Test (KG/CM)
	Major Thread Diameter		Phillips Drive				Square Drive				Head Diameter		Drill Point Length			Min
			Recess Diameter		Recess Penetration Gaging Depth		Recess Square		Recess Depth							
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Min			Min
6-20	.142	.133	.136	.121	.082	.066	.091	.089	.063	.047	.236	.216	.140	1	1	28
8-18	.169	.161	.136	.121	.082	.066	.091	.089	.063	.047	.275	.255	.156	1	1	45
8-18	.169	.161	.182	.168	.104	.079	.113	.110	.075	.064	.275	.255	.156	2	2	45
10-16	.189	.182			.110	.086	-	-	-	-	.331	.291	.255	2	-	70
Tolerance on Length											± 0.06					

NOTE: There is no single standard for trim head self-drilling screw dimensions. These values are offered as a guide; deviations from these specifications may occur. #8 diameter screws are allowed to have either #1 or #2 driver sizes.

<b>Description</b>	A steel fastener with a 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 1016 - 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.

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