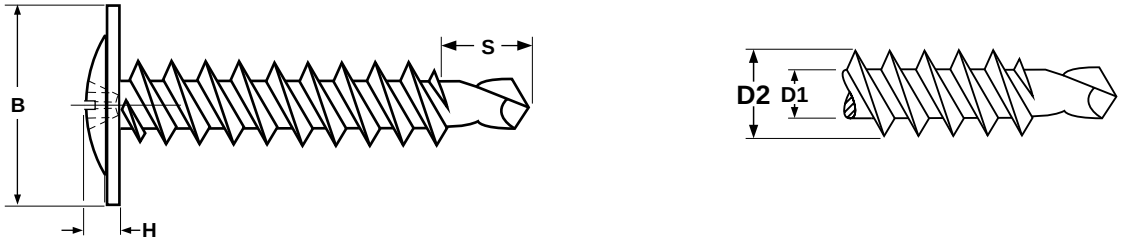
Self-Tapping Screws — *Self-Drilling* — Modified Truss Head



Modified Truss Head Phillips Self Drilling Screws

Nominal Size & Number of Threads per inch	B		H		D1		D2		Point Size	S		Phillips Driver Size
	Overall Head Diameter		Total Head Height		Minor Diameter		Major Diameter			Protrusion Allowance		
	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min	
8-18	.446	.426	.098	.082	.122	.116	.165	.161	#2	.197	.149	2
10-16	.441	.425	.098	.079	.141	.135	.189	.183	#3	.307	.256	2

Tolerance on Length	± .03 inches

NOTE: There is no single standard for Modified Truss self-drilling screws. These values are offered as a guide; deviations from these specifications may occur.

Description	A steel fastener with an extra wide head, twinfast thread and self drilling point. The head is an integrally formed round washer with a low rounded top that is approximately 75% the diameter of the washer.
Applications/ Advantages	Common usage is to attach wire or metal lathe to metal studs of a thickness between 12 - 20 gauge. The head design offers low clearance and an extra large bearing surface. The recommended drive speed for installation is 2500 rpm.
Material	AISI 1016 - 1022 or equivalent steel.
Heat Treatment	Screws shall be quenched in liquid and then tempered by reheating to 625°F minimum.
Surface Hardness	Rockwell C 50 - 56
Case Depth	#8 & #10 diameters: .004 - .009
Core Hardness (after tempering)	Rockwell C 32 - 40
Plating	Screws are commonly available in zinc or black phosphate coatings. See Appendix-A for details.