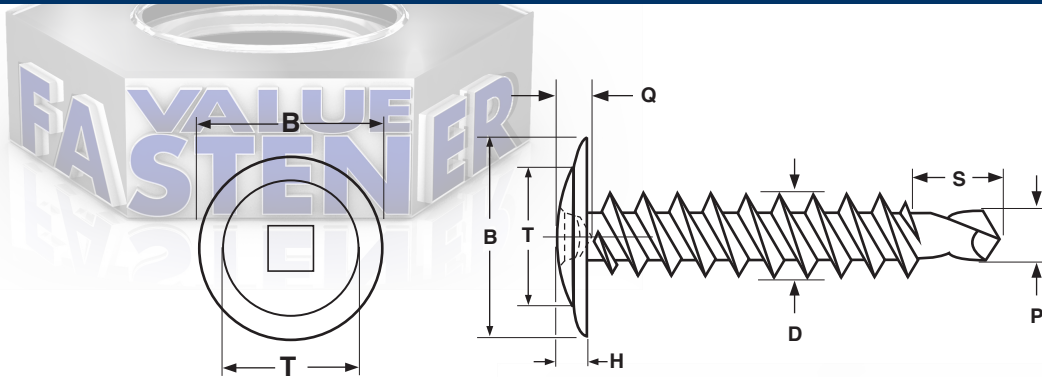


Modified Truss with Square Recess

SELF-DRILLING



MODIFIED TRUSS HEAD SQUARE RECESS SELF DRILLING SCREWS

Nominal Size	B		H		T		Q		D		S		P		Square Recess Driver Size
	Overall Head Diameter		Total Head Height		Crown Diameter		Recess Penetration Depth		Major Diameter		Drill Point Length		Drill Point Diameter		
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
8	.446	.426	.099	.082	.321	.301	.063	.047	.166	.160	.197	.149	.138	.131	2
10	.446	.426	.099	.082	.321	.301	.063	.047	.189	.182	.275	.227	.157	.151	2
12	.446	.426	.099	.082	.321	.301	.063	.047	.215	.209	.315	.275	.189	.183	2
1/4	.582	.550	.134	.114	.421	.400	.095	.078	.246	.239	.354	.314	.220	.214	3
Tolerance on Length					Nominal Screw Size		Nominal Screw Length								
							Less than 1"						Over 1"		
					#8 thru 1/4		± 0.03"						± 0.05"		

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, square recess 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.
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 thru #12 diameters: .004 - .009 1/4" diameter: .005 - .011
Core Hardness (after tempering)	Rockwell C 32 - 40
Plating	Screws are commonly available in zinc or black phosphate coatings. See Appendix-A for details.