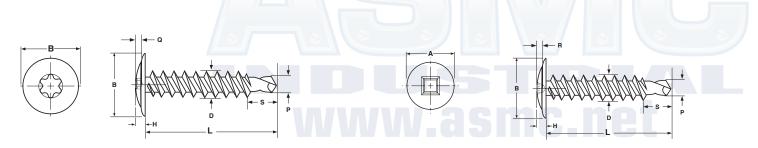
SELF-DRILLING

Modified Truss Six-Lobe & Square Recess



Six-Lobe Recess

Square Recess

+0, - .05"

+0, - .06"

	Мо	DIFIE	o Tri	Jss F		Self	DRIL	LING	SCRE	ws-	-Sıx-l	LOBE	& S	QUARE	REC	ESS	
Nominal	B Overall Head Diameter		H Total Head Height		D1 Minor Diameter		D2 Major Diameter		Q Six-Lobe Recess Penetration		Six- Lobe Driver Size	R Square Recess Penetration		Square Driver Size	S Point Length		Point Size
Size & Num- ber of Threads																	
per inch	Мах	Min	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min		Max	Min	
6-20	.401	.385	.099	.070	.104	.098	.139	.131		.045	T-10		.030	#1	.158	.117	#2
8-18	.446	.426	.098	.082	.122	.116	.166	.160	.052	.040	T-15	.063	.047	#2	.197	.149	#2
10-16	.441	.425	.098	.079	.141	.135	.189	.183	.065	.050	T-20	.063	.047	#2	.228	.118	#2
10-16	.441	.425	.098	.079	.141	.135	.189	.183	.065	.050	T-20	.063	.047	#2	.307	.256	#3
12-14	.464	.440	.124	.101	.164	.156	.215	.208	.071	.055	T-25	.063	.047	#2	.315	.275	#3
1/4-14	.583	.551	.134	.118	.192	.185	.246	.239	.080	.064	T-27	.095	.078	#3	.374	.334	#3
				-	Nom	inal					Nomin	al Scre	w Leng	th			
				Screw Size		Thru 1 in.			Over 1" to 2" incl.					Over 2 in.			
Tolerance on Length				#5 thru #10		+0,03"			+0,047						+0,06		
							٦	Thru 3/4	"		0	ver 3/4"	to 1.5" i	ncl.		Ove	r 1.5"

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.

+0, -.03"

#12 and 1/4"

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. The recess may be six-lobed or square.									
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 a 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 52 - 58									
Case Depth	#6 diameter: .002007 #8 thru #12 diameters: .004009 1/4" diameter: .005011									
Core Hardness (after tempering)	Rockwell C 32 - 40									
Plating	Screws are commonly available in zinc or black phosphate coatings. See Appendix-A for details.									