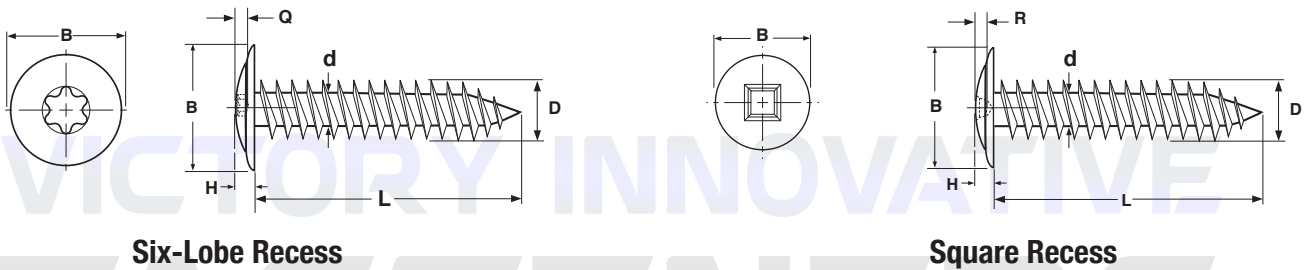


Modified Truss Head w/  
Six-Lobe & Square Recess

SELF-PIERCING



Six-Lobe Recess

Square Recess

MODIFIED TRUSS PHILLIPS SELF-PIERCING SCREWS—SIX-LOBE & SQUARE RECESS														
Size	B		H		D		d		Q		Six-Lobe Driver Size	R		Square Driver Size
	Overall Head Diameter		Total Head Height		Major Diameter		Minor Diameter		Six-Lobe Recess Penetration			Square Recess Penetration		
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min	
6 - 18	.401	.385	.099	.070	.141	.136	.104	.098		.045	T-10		.030	#1
8 - 15	.446	.426	.098	.082	.166	.160	.122	.116	.052	.040	T-15	.063	.047	#2
10 - 12	.441	.425	.098	.079	.189	.183	.141	.135	.065	.050	T-20	.063	.047	#2
Tolerance on Length							± 0.05							

<b>Description</b>	A fastener with an extra wide head, a single lead thread rolled to the tip of an extra sharp point, and a second thread spaced 180° apart. The head is an integrally formed round washer with a low rounded top that is approximately 75% the diameter of the washer. Recess at top of head is either square or hexalobular in design.
<b>Applications/ Advantages</b>	May be used in thin metal (less than .050 thick). Eliminates need for pre-drilled or pre-punched holes. The head design offers low clearance and an extra large bearing surface.
<b>Material</b>	AISI 1018 - 1022 or equivalent steel
<b>Surface Hardness</b>	Rockwell C45 minimum
<b>Finish</b>	See Appendix-A for plating information