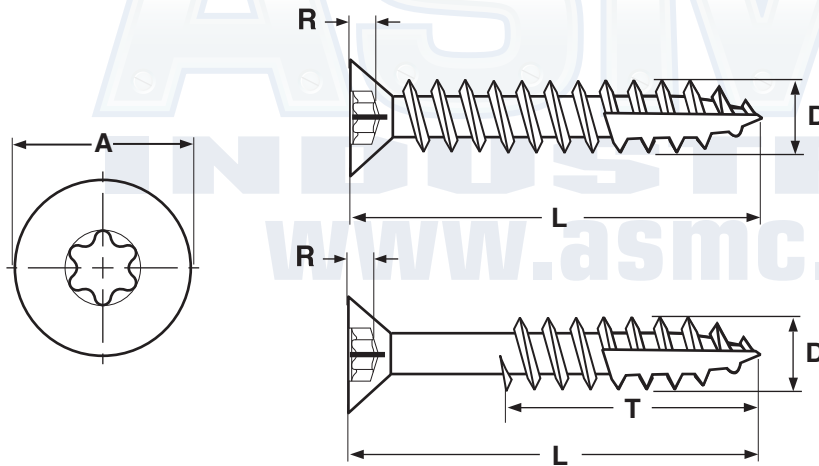


Flat Head w/
Six-Lobe Recess

TY-17 EXTERIOR/DEEP THREAD—STEEL



FLAT SIX-LOBE RECESS EXTERIOR SCREW WITH TYPE-17 POINT—STEEL

Nominal Diameter	A		R	D		T		Recess Size
	Head Diameter		Recess Depth	Major Diameter		Threaded Length		
	Max	Min	Min	Max	Min	L ≤ 1”	L > 1”	
6	0.262	0.232	0.035	0.142	0.131	Full thread	2/3 thread	T-10
8	0.332	0.285	0.039	0.175	0.159	Full thread	2/3 thread	T-20
9	0.354	0.316	0.051	0.193	0.183	Full thread	2/3 thread	T-20
10	0.385	0.333	0.050	0.209	0.193	Full thread	2/3 thread	T-25
Tolerance on Length		Up to 5/8”		±0.03				
		Over 5/8 to 1.5”		±0.05				
		Over 1.5 to 2.75”		±0.06				
		Over 2.75 to 5”		±0.09				

Description	An externally threaded fastener with a countersunk head, six-lobed recess, a single lead thread. The shank has a reduced diameter and a chip cavity cut out where the final several threads end at the tip.
Applications / Advantages	The deeper thread design offers greater resistance to pull-out forces. The six-lobe recess transmits drive torque with less required downward pressure.
Material	C1022 case-hardened steel
Surface Hardness	Rockwell C 45 minimum
Case Depth	0.004" - 0.009"
Torque	#6 Diameter: 21 kg/cm min.; #8 Diameter: 35 kg/cm min.; #9 Diameter: 50 kg/cm min.; #10 Diameter: 50 kg/cm min.
Plating	See Appendix-A for plating information