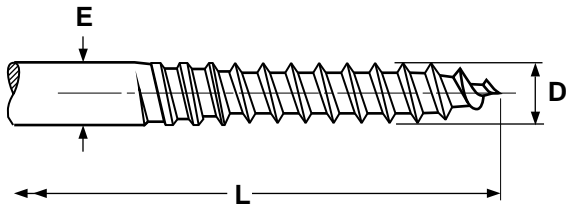


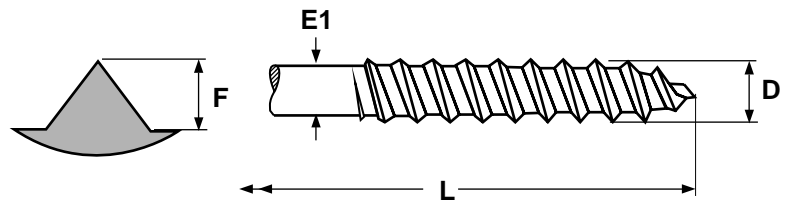
Cut & Rolled
Threads

Mechanical Requirements, Thread & Body Dimensions

Wood Screws



CUT THREAD



ROLLED THREAD

THREAD & BODY DIAMETERS FOR WOOD SCREWS • CUT & ROLLED THREAD TYPES										ANSI B18.6.1
Nominal Size or Basic Screw Diameter	Threads per Inch (±10%)	D		E		E1		F		
		Major Thread Diameter		Body Diameter (Cut Thread)		Body Diameter (Rolled Thread)		Thread Depth		
		Max	Min	Max	Min	Max	Min	Min		
2	.086	26	.090	.079	.090	.079	.075	.064	.010	
4	.112	22	.116	.105	.116	.105	.095	.084	.016	
5	.125	20	.129	.118	.129	.118	.107	.096	.018	
6	.138	18	.142	.131	.142	.131	.118	.107	.020	
7	.151	16	.155	.144	.155	.144	.127	.116	.022	
8	.164	15	.168	.157	.168	.157	.136	.125	.023	
9	.177	14	.181	.170	.181	.170	.147	.136	.026	
10	.190	13	.194	.183	.194	.183	.157	.146	.030	
12	.216	11	.220	.209	.220	.209	.176	.165	.031	
14	.242	10	.246	.235	.246	.235	.201	.190	.035	
Tolerance on Length	Nominal Screw Length									
	Up to 5/8 in., Incl.		Over 5/8 to 1-1/2 in., Incl.		Over 1-1/2 to 2-3/4 in., Incl.		Over 2-3/4 in.			
	+0, -0.03		+0, -0.05		+0, -0.06		+0, -0.09			

Description	A thread forming screw having a gimlet point, and a sharp crested, coarse pitch thread. Wood screws are produced two ways: Cut thread screws have a tapered shank; Rolled thread screws have a constant shank diameter.
Applications/ Advantages	Will produce a mating thread when assembled into wood or other resilient materials.
Material	Carbon steel
Length of Thread	<i>Cut thread screws:</i> Approximately two-thirds of the nominal length of the screw. <i>Rolled thread screws:</i> At least four times the basic screw diameter or two-thirds of the nominal screw length, whichever is greater. Screws of nominal lengths too short to accommodate the minimum thread length shall have threads extending as close to the underside of the head as practicable.
Plating	See Appendix-A for plating information.