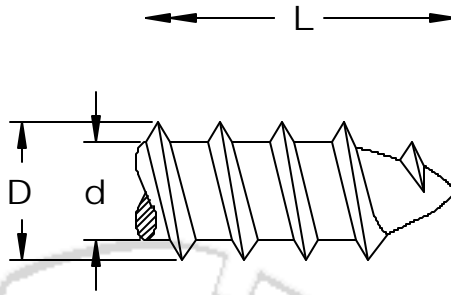
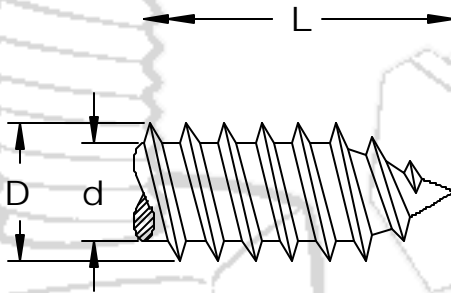


OVAL HEADS FOR SELF-TAPPING SCREWS

Nominal Size	A		H		O		J		T		M		G	N	Phillips Driver Size
	Head Diameter		Height of Head				Width of Slot		Depth of Slot		Dimensions of Recess				
			Side Height		Total Height						Diameter		Depth	Width	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	
0	.119	.099	.035	.026	.056	.041	.023	.016	.030	.025	.074	.061	.045	.014	0
1	.146	.123	.043	.033	.068	.052	.026	.019	.038	.031	.077	.064	.048	.015	0
2	.172	.147	.051	.040	.080	.063	.031	.023	.045	.037	.112	.099	.069	.018	1
3	.199	.171	.059	.048	.092	.073	.035	.027	.052	.043	.124	.111	.081	.019	1
4	.225	.195	.067	.054	.104	.084	.039	.031	.059	.049	.136	.123	.094	.019	1
5	.252	.220	.075	.062	.116	.095	.043	.035	.067	.055	.158	.145	.085	.028	2
6	.279	.244	.083	.069	.128	.105	.048	.039	.074	.060	.178	.165	.105	.030	2
8	.332	.292	.100	.085	.152	.126	.054	.045	.088	.072	.192	.179	.119	.031	2
10	.385	.340	.116	.098	.176	.148	.060	.050	.103	.084	.209	.196	.137	.033	2
12	.438	.389	.132	.112	.200	.169	.067	.056	.117	.096	.270	.257	.152	.038	3
14	.491	.437	.148	.126	.224	.190	.075	.064	.132	.108	.288	.275	.165	.039	3
1/4	.507	.452	.153	.131	.232	.197	.075	.064	.136	.112	.290	.277	.173	.040	3
5/16	.635	.568	.191	.166	.290	.249	.084	.072	.171	.141	.390	.377	.238	.065	4
3/8	.762	.685	.230	.200	.347	.300	.094	.081	.206	.170	.410	.397	.257	.068	4
7/16	.812	.723	.223	.189	.345	.295	.094	.081	.210	.174	.422	.409	.269	.070	4
1/2	.875	.775	.223	.187	.354	.299	.106	.091	.216	.176	.437	.424	.283	.071	4



THREADS FOR SELF-TAPPING SCREWS Type A									
Nominal Size or Basic Screw Diameter		Threads Per Inch	D		d		L		Minimum Torsional Strength, lb.-in. (STEEL SCREWS ONLY)
			Major Diameter		Minor Diameter		These Lengths or Shorter Have AB Threads		
			Max	Min	Max	Min	90° Heads	Csk Heads	
6	0.1380	18	.141	.136	.102	.096	1/4	5/16	24
7	0.1510	16	.158	.152	.114	.108	5/16	3/8	30
8	0.1640	15	.168	.162	.123	.116	3/8	7/16	39
10	0.1900	12	.194	.188	.133	.126	3/8	1/2	48
12	0.2160	11	.221	.215	.162	.155	7/16	9/16	83
14	0.2420	10	.254	.248	.185	.178	1/2	5/8	125
20	0.3200	9	.333	.327	.234	.226	11/16	13/16	250
24	0.3720	9	.390	.383	.291	.282	3/4	1	492



THREADS FOR SELF-TAPPING SCREWS Type AB									
Nominal Size or Basic Screw Diameter		Threads Per Inch	D		d		L		Minimum Torsional Strength, lb.-in.
			Major Diameter		Minor Diameter		Minimum Practical Screw Length		
			Max	Min	Max	Min	90° Heads	Csk Heads	
2	.0860	32	.088	.082	.064	.060	3/16	7/32	4
4	.1120	24	.114	.108	.086	.082	7/32	9/32	13
5	.1250	20	.130	.123	.094	.090	1/4	5/16	18
6	.1380	20	.139	.132	.104	.099	9/32	11/32	24
7	.1510	19	.154	.147	.115	.109	5/16	3/8	30
8	.1640	18	.166	.159	.122	.116	5/16	3/8	39
10	.1900	16	.189	.182	.141	.135	3/8	7/16	56
12	.2160	14	.215	.208	.164	.157	7/16	21/32	88
1/4	.2500	14	.246	.237	.192	.185	1/2	19/32	142
5/16	.3125	12	.315	.306	.244	.236	5/8	3/4	290
3/8	.3750	12	.380	.371	.309	.299	3/4	29/32	590